

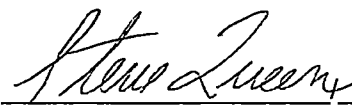
## **ATTACHMENT 3**

**EC 626319, "Battery Coping Time Evaluation to Support  
Inadvertent Isolation of Div. II Air Start Receiver Valves"**

## EVAL DETAILS

(CC-AA-309-101)

Page 1 of 3

Prepared by: Jared Peterson:  11/19/18Reviewed by: Steve Queen:  11/19/18Approved by: Steve Queen:  11/19/18

UNIT: 01  
SYSTEM: DC  
TITLE: BATTERY COPING TIME EVALUATION TO SUPPORT INADVERTANT  
ISOLATION OF DIV. II AIR START RECEIVER VALVES

**Purpose / Scope**

This evaluation performs a battery coping analysis for Division 1 125V DC Battery 1A (EPN 1DC01E) and Division 2 125V DC Battery 1B (EPN 1DC02E) following a postulated loss of offsite power (LOOP) resulting in a loss of all AC power. The postulated Extended Loss of AC Power (ELAP) occurs during a specific Mode 4 plant configuration that was present on 5/14/18 at 00:30.

During this event, the Division 2 EDG was placed in protected status in preparation for removing Division 1 EDG from service to support the Division 1 bus outage. After the Division 1 EDG was removed from service, operations identified that the Division 2 EDG would not have started because manual valves were closed in the supply line to the automatic air start valves. Therefore, during this time, a loss of offsite power would have resulted in a loss of all AC power to both Division 1 and Division 2. (Ref. IR RCR 4138790-08).

For this Technical Evaluation, three specific cases are evaluated:

**CASE 1.1: Division 1 DC Loads with 1 SRV Open Continuously for > 24 hours**

The Division 1 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.

**CASE 1.2: Division 1 DC Loads with 1 SRV Open Continuously for > 24 hours and with RCIC on Continuously at T=20 hours**

The Division 1 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Additionally, RCIC loads are included on the battery starting at T=20 hours. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.

**CASE 2.1: Division 2 DC Loads with 1 SRV Open Continuously for > 24 hours**

The Division 2 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.

## EVAL DETAILS

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Additionally, this evaluation documents the results of pick-up and drop-out testing performed on Safety Relief Valve (SRV) solenoids. Ultimately, the test results were not used in the battery coping assessments.

### **Detailed Evaluation**

The details for how this evaluation was performed are contained in Attachments 1, 2, and 3. In summary, the approach used for this evaluation was to

1. Evaluate the battery coping time for each case using ETAP and the load profiles developed in Attachment 2. The ETAP analysis and results are provided in Attachment 1 to this EC.
2. Develop the DIVISION 1 and 2 load profiles for each case (Cases 1.1, 1.2, and 2.1) using the design loads from design basis calculations 19-D-28 and 19-D-29. Procedurally directed load shedding was credited. Loads that were out of service were not included. The details and results are provided in Attachment 2 to this EC.
3. Complete pick-up and drop-out testing for the two solenoid valves on a spare Clinton SRV (a single SRV has two solenoids). The details and results of this testing are provided in Attachment 3 to this EC.  
NOTE: Ultimately, due to the high battery margins shown in Attachments 1 and 2, these test results were not used in the battery coping analysis assessments.

### **Engineering Judgments and Assumptions**

All engineering judgments and assumptions are detailed in Attachments 1, 2, and 3.

**EVAL DETAILS**  
(CC-AA-309-101)**Conclusions / Findings**

The following table presents the conclusions from each of the three cases evaluated. It is applicable for the specific Mode 4 plant configuration that was present on 5/14/18 at 00:30.

<b>Case Evaluated</b>	<b>Conclusions</b>
<b>CASE 1.1: Division 1 DC Loads with 1 SRV Open Continuously for &gt; 24 hours.</b>  The Division 1 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.	The Division 1 battery would have maintained 1 SRV open continuously and supplied the loads that would have been present during a postulated ELAP for more than 156 hours.
<b>CASE 1.2: Division 1 DC Loads with 1 SRV Open Continuously for &gt; 24 hours and with RCIC on Continuously at T=20 hours</b>  The Division 1 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Additionally, RCIC loads are included on the battery starting at T=20 hours. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.	The Division 1 battery would have maintained 1 SRV open continuously, RCIC on continuously (starting at T=20 hours), and supplied the loads that would have been present during a postulated ELAP for more than 40 hours.
<b>CASE 2.1: Division 2 DC Loads with 1 SRV Open Continuously for &gt; 24 hours</b>  The Division 2 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.	The Division 2 battery could have maintained 1 SRV open continuously and supplied the loads that would have been present during a postulated ELAP for more than 24 hours.

**References**

All references are listed in Attachments 1, 2, and 3.

**Attachments**

- Attachment 1: Division 1 and Division 2 Battery Coping Time Analysis (ETAP)
- Attachment 2: Division 1 and Division 2 DC Bus Loading Profile
- Attachment 3: SRV Solenoid Minimum Pick-up and Drop-out Voltage Test

## Attachment 1

### Division 1 and Division 2 Battery Coping Time Analysis

Prepared by: B. Humein / 11/19/2018

Reviewed by: Edward Seckinger / 11/19/2018

## Division 1 and Division 2 Battery Coping Time Analysis

### 1.0 Purpose

The purpose of this analysis is to perform a 24-hour battery coping analysis for Division 1 125V DC Battery 1A (EPN 1DC01E) and Division 2 125V DC Battery 1B (EPN 1DC02E) following a postulated loss of offsite power (LOOP) resulting in a postulated loss of all AC power. The postulated Extended Loss of AC Power (ELAP) occurs during a specific Mode 4 plant configuration that was present on 5/14/18 at 00:30 (Ref. IR 4138790). The scope of this analysis is to perform a battery sizing and discharge calculation to verify the following:

- 1.1 The existing batteries are adequately sized to supply the loads that would have been present during for a 24-hour extended Station Blackout (SBO).
- 1.1 The voltages at 125 VDC MCC's 1DC13E and 1DC14E are adequate to supply minimum required voltages to the dc circuit end devices. This requirement is met by using the MCCs acceptance voltage at  $\geq 105$  VDC.

### 2.0 Design Inputs

- 2.1. Division 1 Battery: C&D Type LCR-25, 58 cells, minimum 1.81 Vdc per cell (Ref. 5.1, Input 2.2)
- 2.2. Division 2 Battery: C&D Type LCR-17, 58 cells, minimum 1.81 Vdc per cell (Ref. 5.2, Input 2.2)
- 2.3. Division 1 Battery Room Minimum Temperature is 65°F (or 18.333°C) (Ref. 5.1, Input 2.7), which correlates to a temperature correction factor (TCF) of 108% per ETAP.
- 2.4. Division 2 Battery Room Minimum Temperature is 60°F (or 15.556°C) (Ref. 5.2, Input 2.5), which correlates to a temperature correction factor (TCF) of 111.1% per ETAP.
- 2.5. Division 1 cable total resistance between battery and 125 VDC MCC 1DC13E is 0.00308 ohm (or 0.00154 ohm per leg) at 40°C (Ref. 5.1, Attachment 12)
- 2.6. Division 2 cable total resistance between battery and 125 VDC MCC 1DC14E is 0.00202 ohm (or 0.00101 ohm per leg) at 40°C (Ref. 5.2, Attachment 12)
- 2.7. Division 1 minimum required DC MCC voltage for all DC loads excluding MOV's is 105 VDC (Ref. 5.1 Attachment 12)
- 2.8. Division 2 minimum required DC MCC voltage for all DC loads excluding MOV's is 105 VDC (Ref. 5.2 Attachment 12)
- 2.9. Division 1 load duty cycle is provided in Table A and is from Ref. 1, Attachment 3 and Ref. 5.3.
- 2.10. Division 2 load duty cycle is provided in Table B and is from Ref. 2, Attachment 3 and Ref. 5.3.
- 2.11. Division 1 battery existing battery capacity is 104.7% (Ref. 5.4)
- 2.12. Division 2 battery existing battery capacity is 119.1% (Ref. 5.5)
- 2.13. Battery ampere per positive plate as a function of time and voltage was obtained from Reference 5.6.
- 2.14. The battery load profile includes the actual loads that were on the battery at the time of the event and accounts for load shedding that would have occurred at 1 hour as required by the

### Division 1 and Division 2 Battery Coping Time Analysis

load shed procedure. An excel spreadsheet containing the load profile is included in Attachment 2 of this EC.

#### **3.0 Acceptance Criteria**

- 3.1. Calculated number of total positive plates for Division 1 battery  $\leq 12$  plates.
- 3.2. Calculated number of total positive plates for Division 2 battery  $\leq 8$  plates.
- 3.3. Calculated voltage at 125 VDC MCC's 1A (1DC13E) and 1B (1DC14E)  $\geq 105.0$  VDC. This voltage assures that loads on the MCCs have adequate voltage to perform their intended functions (Refs. 5.1 and 5.2).

#### **4.0 Assumptions**

- 4.1. Based on the test results (Ref. 5.4 and 5.5) the initial battery capacity is conservatively assumed to be 100% at rated temperature (25°C or 77°F).
- 4.2. One SRV is assumed to be open throughout the event (the full duration of each of the three cases). Its solenoid valve will therefore draw load from a battery continuously. EC 624344 Rev. 0 shows that at the decay heat levels present at the end of the refueling outage, pressure control would not have to be initiated until about 8 hours after T=0 and would take only intermittent use of one SRV. Therefore, assuming that one SRV is continuously open is conservative.
- 4.3. The battery aging factor is considered to be 100%. This is appropriate for coping studies. The initial capacity of the Div. I and Div. II batteries are 104.7% and 119.1%, respectively (Refs. 5.4 and 5.5). This ensures that the batteries are at a capacity higher than 100% and considering an aging factor of 100% is conservative and adequate for the battery coping studies. It should be emphasized that as long as the battery capacity is 100%, an aging factor greater than 100% for the battery coping studies is not required. An aging factor greater than 100% is only recommended when sizing the lead-acid battery to account for battery performance that drops over time due to aging.
- 4.4. All loads are modeled as constant current for conservative estimation of the battery coping times. Also, the Div. I load "RCIC GLAND SEAL AIR COMPR (COMPT10D)" which is a motor load that draw full load current of 55 amps at 120 VDC (see Attachment 2) is modeled as constant current load. This load is modeled conservatively to draw 62.86 (55x120/105) amps assuming the load bus voltage is held at 105 VDC.

#### **5.0 References**

- 5.1. Calculation 19-D-28 Rev. 015 – Review of Division 1 DC System Review 1A.
- 5.2. Calculation 19-D-29 Rev. 013 – Review of DIV II Direct Current (DC).
- 5.3. CPS Procedure 4200.01C002 – DC Load Shedding During a SBO.
- 5.4. Work Order (WO) 01910395-01 completed 5-4-18 – DIV 1 Battery 1DC01E Modified Performance Test.
- 5.5. Work Order (WO) 01705484-01 completed 5-27-17 – DIV 2 Battery 1DC02E Modified Performance Test.

## Division 1 and Division 2 Battery Coping Time Analysis

5.6. EC 391824 Rev. 000 Attachment 4 – Long Rate Discharge Capacity Curve Cell Type: LCR-13/33.

### **6.0 Identification of Computer Programs**

Operation Technology, Inc. Program ETAP 14.1N, is used to perform the battery sizing and discharge analysis.

### **7.0 Methodology**

The Division 1 and 2 DC systems were modeled in ETAP as shown in Figure 1. The loading during each time interval was modeled as a separate load. The loading values for each load are from Attachment 2 of this EC (Tables 1 and 2).

The battery analyses were performed by running the ETAP Battery Sizing and Discharge Analysis which calculated the required battery size and battery and bus voltages.

Since the existing capacity of both batteries is greater than 100% based on recent tests, the correction factor for "Aging Compensation" was set equal to 100% and initial capacity was set equal to 100%. Design margin was also set equal to 100% since design margin is for future load additions.

Specific cases of loadings included in this analysis includes:

#### CASE 1.1: Division 1 DC Loads with 1 SRV Open Continuously for > 24 hours

The Division 1 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.

#### CASE 1.2: Division 1 DC Loads with 1 SRV Open Continuously for > 24 hours and with RCIC ON from T= 20 hours to >24 hours

The Division 1 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Additionally, RCIC is loaded on the battery starting at T=20 hours. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.

#### CASE 2.1: Division 2 DC Loads with 1 SRV Open Continuously for > 24 hours

The Division 2 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.

## Division 1 and Division 2 Battery Coping Time Analysis

### **8.0 Results**

#### **8.1 Case 1.1**

- 8.1.1 For the Division 1 battery the required number of positive plates was calculated to be 11.343 plates for 156 hours coping study, which is significantly less than total number of positive plates (i.e., 12 plates) in the existing battery.
- 8.1.2 For Division 1 DC MCC 1A (1DC13E) the bus voltage occurred during the first second was calculated to be 112.674 VDC. The bus voltage at the end of 24 hours and 156 hours are calculated to be 115.001 VDC and 108.644 VDC, respectively. Therefore, the DC MCC 1A voltage remained above the minimum required voltage of 105 VDC for the entire discharge period of 156 hours.

#### **8.2 Case 1.2**

- 8.2.1 For the Division 1 battery the required number of positive plates was calculated to be 11.622 plates for 40 hours coping study, which is significantly less than total number of positive plates (i.e., 12 plates) in the existing battery.
- 8.2.2 For Division 1 DC MCC 1A (1DC13E) the bus voltage during the first second was calculated to be 112.674 VDC. The bus voltage at the end of 24 hours and 40 hours are 113.353 VDC and 106.565 VDC, respectively. Therefore, the DC MCC 1A voltage remained above the minimum required voltage of 105 VDC for the entire discharge period of 40 hours.

#### **8.3 Case 2.1**

- 8.3.1 For the Division 2 battery the required number of positive plates was calculated to be 7.958 plates for 25 hours coping study, which is less than total number of positive plates (i.e., 8 plates) in the existing battery.
- 8.3.2 For Division 2 DC MCC 1B (1DC14E) the bus voltage during the first second was calculated to be 110.037 VDC. The bus voltage at the end of 24 hours and 25 hours are 107.627 VDC and 106.733 VDC, respectively. Therefore, the DC MCC 1B voltage remained above the minimum required voltage of 105 VDC for the entire discharge period of 25 hours.

8.4 The ETAP reports and plots for each battery analysis cases are attached (see sections 10.2-10.6).

### **9 Conclusions**

For the specific Mode 4 plant configuration that was present on 5/14/18 at 00:30:

- 9.1 The Division 1 battery for Case 1.1 could have maintained 1 SRV open continuously and supplied the loads that would have been present during a postulated extended Station Blackout (SBO) for about 156 hours. Therefore, there was significant margin on the DIV 1 battery for these loads to operate much longer than 24 hours.
- 9.2 The Division 1 battery for Case 1.2 could have maintained 1 SRV open continuously, RCIC ON continuously (starting at T=20 hours), and supplied the loads that would have been present

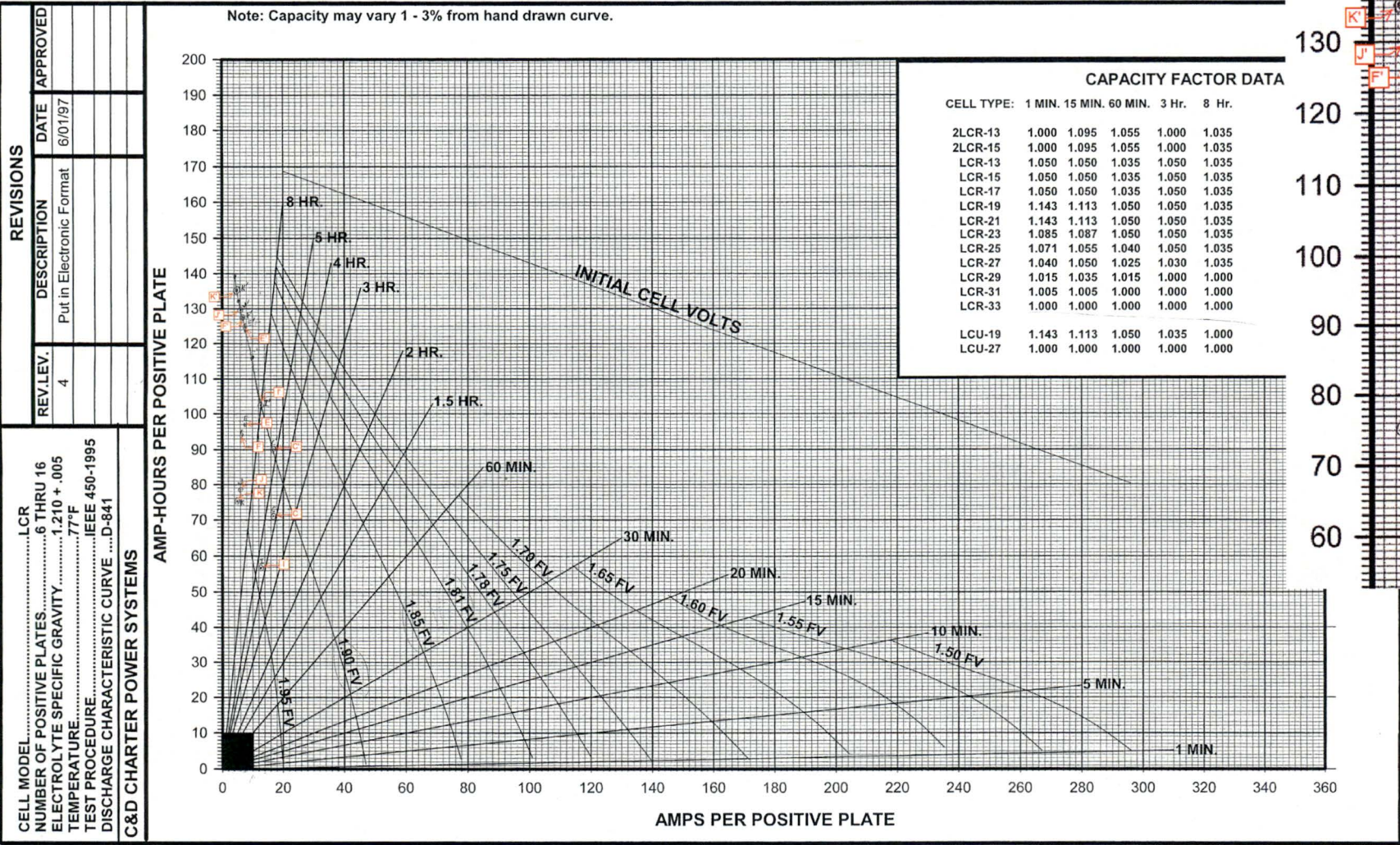
### Division 1 and Division 2 Battery Coping Time Analysis

during a postulated extended Station Blackout (SBO) for about 40 hours. Therefore, there was additional margin on the DIV 1 battery for these loads to operate longer than 24 hours.

- 9.3 The Division 2 battery could have maintained 1 SRV open continuously and supplied the loads that would have been present during a postulated extended Station Blackout (SBO) for about 25 hours.
- 9.4 The analysis performed meet the acceptance criteria 3.1-3.3.
- 9.5 Modeling the load type as constant current load for all load types is conservative. The battery coping duration can be extended further if the loads are modeled individually with their load type. Most loads are constant impedance load resulting in a reduced load current as the voltage drops with battery discharge and thus will yield a higher battery coping time.

#### **10 Enclosures**

- 10.1 C&D Battery Characteristics
- 10.2 ETAP Modeled Battery Characteristics Data
- 10.3 Figure 1 – ETAP Battery One-Line Diagram of DC Divisions 1 and 2
- 10.4 ETAP Reports for CASE 1.1: Division 1 DC Loads with 1 SRV Open Continuously for > 24 hours
  - ETAP Report Battery Sizing Calculation for Division 1 Battery 1A
  - ETAP Report Battery Discharge Tabulation for Division 1 Battery 1A
  - ETAP Report Bus Voltage Tabulation During Battery Discharge for Division 1 Battery 1A
  - Battery 1A Discharge, Load Profile, and Bus Plots
- 10.5 ETAP Reports for CASE 1.2: Division 1 DC Loads with 1 SRV Open Continuously for > 24 hours and with RCIC on for greater than 4 hours
  - ETAP Report Battery Sizing Calculation for Division 1 Battery 1A
  - ETAP Report Battery Discharge Tabulation for Division 1 Battery
  - ETAP Report Bus Voltage Tabulation During Battery Discharge for Division 1 Battery 1A
  - Battery 1A Discharge, Load Profile, and Bus Plots
- 10.6 ETAP Reports for CASE 2.1: Division 2 DC Loads with 1 SRV Open Continuously for > 24 hours
  - ETAP Report Battery Discharge Tabulation for Division 2 Battery 1B
  - ETAP Report Bus Voltage Tabulation During Battery Discharge for Division 2 Battery 1B
  - ETAP Report Bus Voltage Tabulation During Battery Discharge for Division 1 Battery 1B
  - Battery 1B Discharge, Load Profile, and Bus Plots



Note: Capacity may vary 1 - 3% from hand drawn curve.

AMP-HOURS PER POSITIVE PLATE

AMPS PER POSITIVE PLATE

INITIAL CELL VOLTS

1 MIN.

5 MIN.

10 MIN.

15 MIN.

20 MIN.

30 MIN.

60 MIN.

1.5 HR.

2 HR.

3 HR.

4 HR.

5 HR.

8 HR.

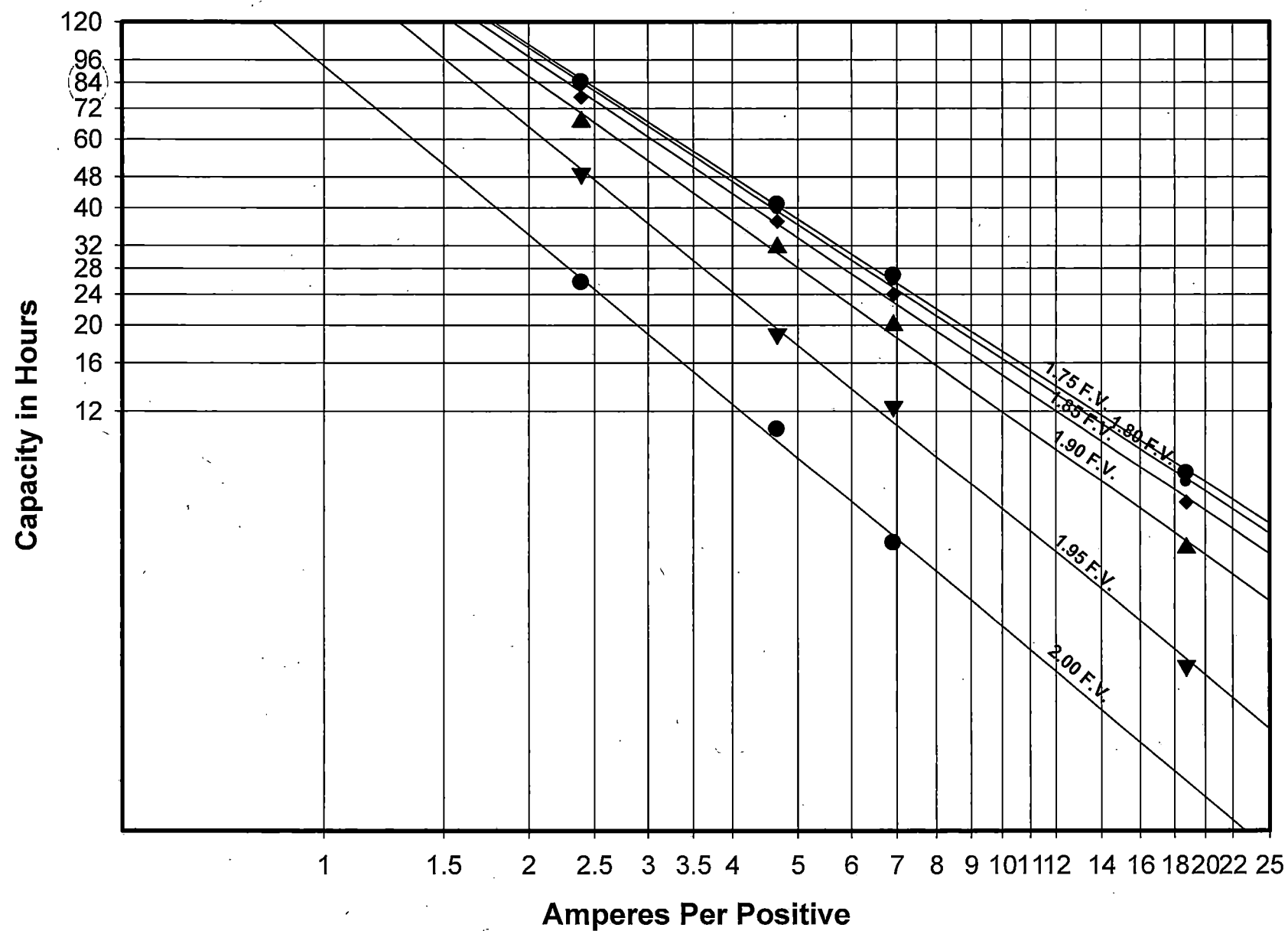
CAPACITY FACTOR DATA

CELL TYPE: 1 MIN. 15 MIN. 60 MIN. 3 Hr. 8 Hr.

2LCR-13	1.000	1.095	1.055	1.000	1.035
2LCR-15	1.000	1.095	1.055	1.000	1.035
LCR-13	1.050	1.050	1.035	1.050	1.035
LCR-15	1.050	1.050	1.035	1.050	1.035
LCR-17	1.050	1.050	1.035	1.050	1.035
LCR-19	1.143	1.113	1.050	1.050	1.035
LCR-21	1.143	1.113	1.050	1.050	1.035
LCR-23	1.085	1.087	1.050	1.050	1.035
LCR-25	1.071	1.055	1.040	1.050	1.035
LCR-27	1.040	1.050	1.025	1.030	1.035
LCR-29	1.015	1.035	1.015	1.000	1.000
LCR-31	1.005	1.005	1.000	1.000	1.000
LCR-33	1.000	1.000	1.000	1.000	1.000
LCU-19	1.143	1.113	1.050	1.035	1.000
LCU-27	1.000	1.000	1.000	1.000	1.000

## Long Rate Discharge Capacity Curve

Cell Type: LCR-13/33



Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain

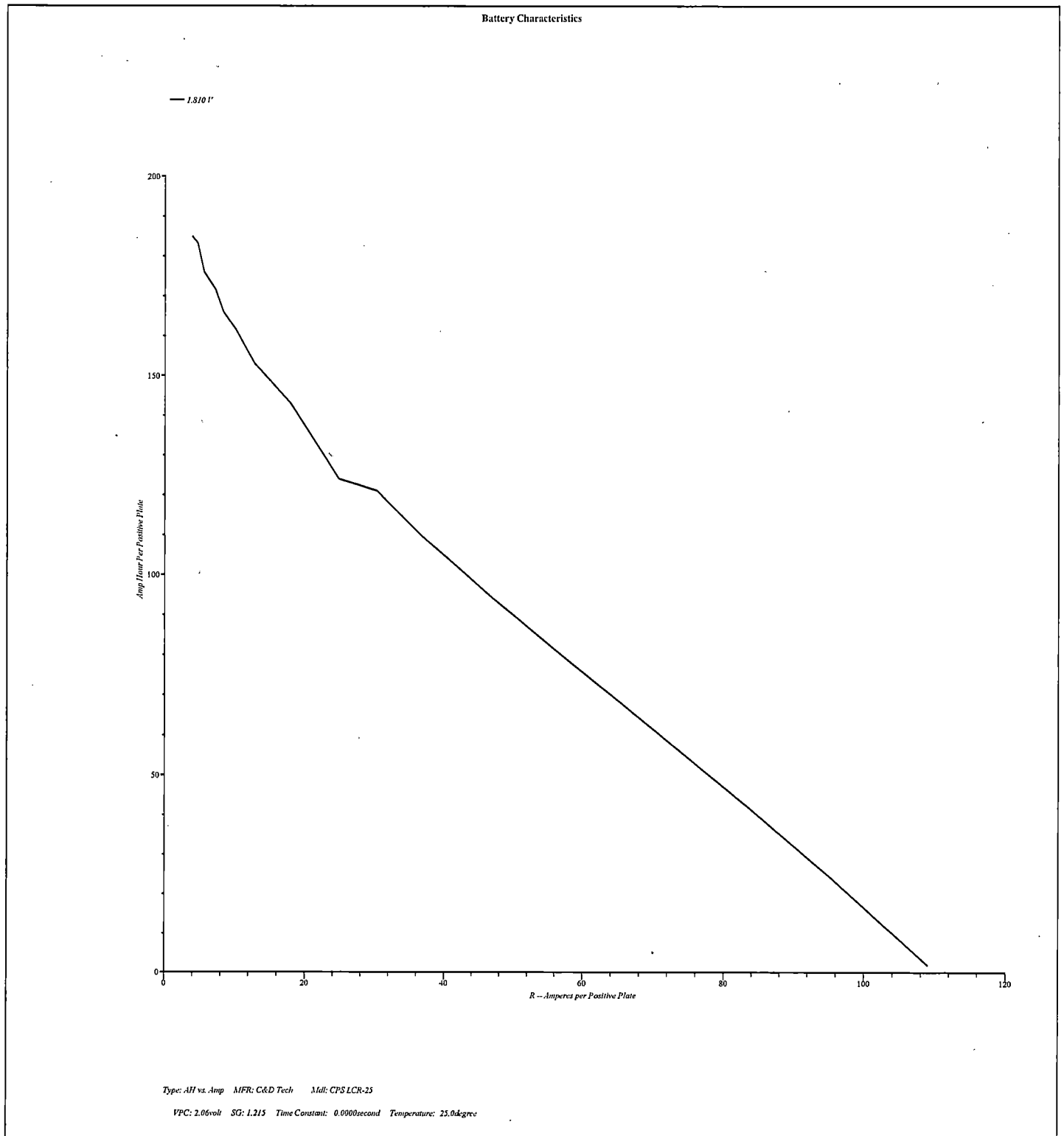
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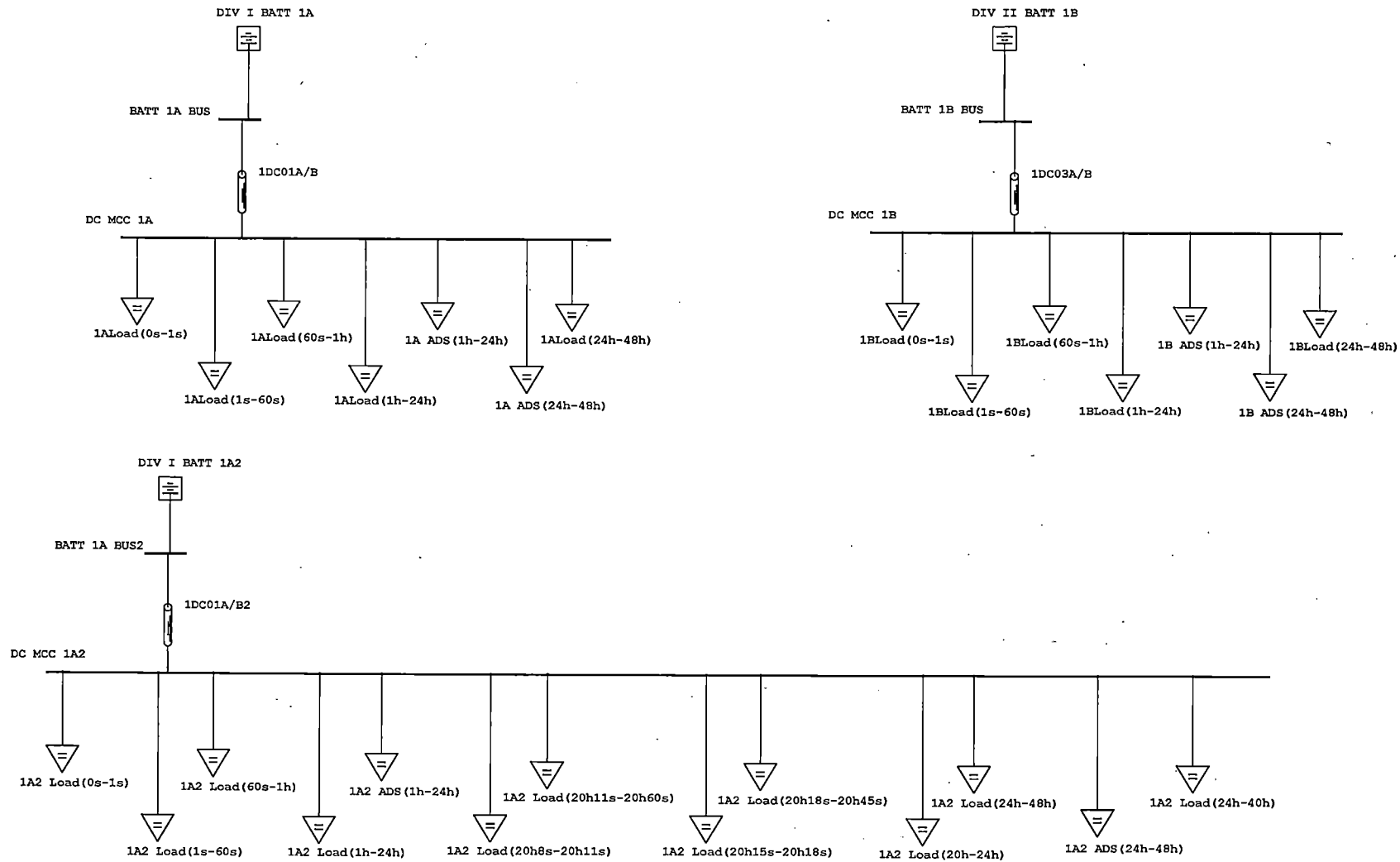
Study Case: BS1A-24

Date: 11-16-2018  
SN: KCiconsult  
Revision: Base  
Config.: Normal

DIV 1 Battery 1A 24-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1A SIZING 24 Hr





Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

ETAP  
 14.1.0N

Study Case: BS1A-48

Page: 1  
 Date: 11-17-2018  
 SN: KCICONSULT  
 Revision: Base  
 Config.: Normal

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DIV 1 Battery 1A 48-Hour Coping Study

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**Electrical Transient Analyzer Program**

**Battery Sizing Calculation**

Battery ID: DIV I BATT 1A

Duty Cycle Category: Normal

Duty Cycle from: DC Load Flow Calculation

Load Duration: Duty Cycle Span

Diversity Factor: 100 %

Number of Buses:	<u>Voltage Reg.</u> 0	<u>Load</u> 2	<u>Total</u> 2		
Number of Converters:	<u>Charger</u> 0	<u>UPS</u> 0	<u>Inverter</u> 0	<u>DC Converter</u> 0	<u>Total</u> 0
Number of Branches:	<u>Cable</u> 1	<u>Impedance</u> 0	<u>Tie PD</u> 0	<u>Total</u> 1	
Number of Batteries:	<u>Battery</u> 1				
Number of Loads:	<u>Motor</u> 0	<u>Static Load</u> 7	<u>Lumped Load</u> 0	<u>Composite CSD</u> 0	<u>Total</u> 7

Unit System: English  
 Project File: CPS SBO Study  
 Output File: C:\Badar\CLINTON DC\CPS SBO Study\BATT 1A Sizing 48 HR.DB1S

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

ETAP

14.1.0N

Study Case: BS1A-48

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Revision: Base

Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

**Bus and Connected Load Data**

Bus		Connected Load			
ID	V	ID	Type	V	FLA
DC MCC 1A	125.00	1ALoad(0s-1s)	Static Load	120.00	280.20
DC MCC 1A	125.00	1ALoad(1s-60s)	Static Load	120.00	109.20
DC MCC 1A	125.00	1ALoad(60s-1h)	Static Load	120.00	98.81
DC MCC 1A	125.00	1ALoad(1h-24h)	Static Load	120.00	12.24
DC MCC 1A	125.00	1ALoad(24h-48h)	Static Load	120.00	12.24
DC MCC 1A	125.00	1AADS(1h-24h)	Static Load	120.00	0.38
DC MCC 1A	125.00	1AADS(24h-48h)	Static Load	120.00	0.38

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

Cable Input Data

Cable	Connected Buses		ohms or micro H / 1000 ft per Conductor					
	ID	From	To	Length(ft)	#/Phase	T (°C)	R	L
1DC01A/B		BATT 1A BUS	DC MCC 1A	10.0	1	90	0.15400	0.00

Cable resistance listed at the specified temperature

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Contract:			SN:	KCICONSULT
Engineer:	Badar Hussain	Study Case: BS1A-48	Revision:	Base
Filename:	CPS SBO Study		Config.:	Normal

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DIV 1 Battery 1A 48-Hour Coping Study

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**Branch / Converter / UPS Connections**

CKT/Branch		Connected Bus ID		Impedance	
ID	Type	From Bus	To Bus	(ohm)	(%) 100 MVA <sub>b</sub>
1DC01A/B	Cable	BATT 1A BUS	DC MCC 1A	0.00364	2543.13

Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

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 Revision: Base  
 Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

Duty Cycle

**Load ID: 1A ADS(1h-24h)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
3600.000	86599.980	0.38		

**Load ID: 1A ADS(24h-48h)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
86599.980	561799.980	0.38		

**Load ID: 1ALoad(0s-1s)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
0.000	1.000	280.20		

**Load ID: 1ALoad(1h-24h)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
3600.000	86599.980	12.24		

**Load ID: 1ALoad(1s-60s)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
1.000	60.000	109.20		

Project:	Clinton Flex Study	ETAP	Page:	6
Location:	KCI	14.1.0N	Date:	11-17-2018
Contract:			SN:	KCiconsult
Engineer:	Badar Hussain	Study Case: BS1A-48	Revision:	Base
Filename:	CPS SBO Study		Config.:	Normal

DIV 1 Battery 1A 48-Hour Coping Study

Load ID: 1ALoad(24h-48h)				
Constant Current Load				
Non-Random Load			Random Load	
t1	t2	Amp	Duration	Amp
(s)	(s)		(s)	
86599.980	561799.980	12.24		

Load ID: 1ALoad(60s-1h)				
Constant Current Load				
Non-Random Load			Random Load	
t1	t2	Amp	Duration	Amp
(s)	(s)		(s)	
60.000	3600.000	98.81		

Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

ETAP  
 14.1.0N

Study Case: BS1A-48

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 SN: KCiconsult  
 Revision: Base  
 Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

Battery ID: DIV I BATT 1A

Method: Load Flow Calculation

**Battery Load Profile for Sizing**

Non-Random Load			Random Load		
t1 (s)	t2 (s)	Amp	t1 (s)	t2 (s)	Amp
0.000	60.000	280.20	0.000	0.000	0.00
60.000	3600.000	98.81			
3600.000	561799.980	12.62			
561799.980		0.00			

**Battery Load Profile for Discharge**

Non-Random Load			Random Load		
t1 (s)	t2 (s)	Amp	t1 (s)	t2 (s)	Amp
0.000	1.000	280.20	0.000	0.000	0.00
1.000	60.000	109.20			
60.000	3600.000	98.81			
3600.000	561799.980	12.62			
561799.980		0.00			

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Revision: Base

Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## Battery Characteristics

MFR: C&amp;D Tech

Model: CPS LCR-25

Type: Time vs amp

V/Cell: 2.063

Rp: 0.001404 Resistance/Positive Plate

Temp: 25 °C

No of Plates: 25

Capacity: 1800 AH

1 Min. A Rate: 1800

Battery sizes given in the library are used.

## Ampere per Positive Plate as a Function of Time (minutes) and Voltage (volts)

Time	1.75	1.78	1.81 #	1.85	1.90	1.95
1.00	150.00	129.75	109.00	83.83	50.34	21.42
15.00	121.42	109.17	95.50	76.17	47.26	20.78
30.00	101.00	92.92	83.58	68.75	42.00	19.10
60.00	76.25	71.83	66.42	56.75	38.27	19.76
120.00	52.00	49.88	47.00	41.63	29.70	18.00
180.00	40.00	38.50	36.63	33.00	24.89	14.70
240.00	31.20	31.63	30.25	27.50	20.00	12.00
300.00	27.50	26.75	24.80	23.63	17.75	10.80
480.00	18.88	18.50	17.88	16.75	13.46	8.90
720.00	13.38	13.13	12.75	12.13	10.00	6.65
960.00	10.70	10.34	10.10	9.35	7.85	5.35
1200.00	8.74	8.50	8.30	7.74	6.60	4.60
1440.00	7.40	7.30	7.15	6.70	5.65	4.10
1920.00	5.70	5.64	5.50	5.24	4.56	3.30
2400.00	4.70	4.62	4.58	4.38	3.80	2.80
2880.00	4.00	3.88	3.85	3.70	3.25	2.45

# Indicates the curve used in battery sizing.

\* The ampere value is missing in the battery library and this value was estimated based on user entered library data.

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DIV 1 Battery 1A 48-Hour Coping Study

**Calculation Results**

(1 Strings)

Section Size for Non-Rand. Load					Section Size for Rand. Load				
#	t start	t end	Size/String	Total Size	#	t start	t end	Size/String	Total Size
1	0.000	1.000	2.571	2.571	0	0.000	0.000	0.000	0.000
2	0.000	60.000	1.503	1.503					
3	0.000	9363.333	10.507	10.507					

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

Non-Random Loads

(1 Strings)

Period	Load (amperes)	Change in Load (amperes)	Duration of Period (minutes)	Time to End of Section (minutes)	Capacity at T Min Rate (RT) (Str*Amp/PP)	Required Section Size (Positive Plates/String)		Required Total Section Size (Positive Plates)	
						Pos. Values	Neg. Values	Pos. Values	Neg. Values

Section 1 - First period only - If A2 is greater than A1, go to Section 2.

1	A1=280	A1-0=280	M1=1	T=M1=1	109.0	2.57		2.57	
Section 1 Sub-Total:						2.57		2.57	
Total:						2.57		2.57	

Section 2 - First two periods only - If A3 is greater than A2, go to Section 3.

1	A1=280	A1-0=280	M1=1	T=M1+M2=60	66.4	4.22		4.22	
2	A2=99	A2-A1=-181	M2=59	T=M2=59	66.8		-2.72		-2.72
Section 2 Sub-Total:						4.22	-2.72	4.22	-2.72
Total:						1.50		1.50	

Section 3 - First three periods only - If A4 is greater than A3, go to Section 4.

1	A1=280	A1-0=280	M1=1	T=M1+M2+M3=9,363	1.3	223.68		223.68	
2	A2=99	A2-A1=-181	M2=59	T=M2+M3=9,362	1.3		-144.79		-144.79
3	A3=13	A3-A2=-86	M3=9,303	T=M3=9,303	1.3		-68.39		-68.39
Section 3 Sub-Total:						223.68	-213.17	223.68	-213.17
Total:						10.51		10.51	

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Engineer:	Badar Hussain	Study Case: BS1A-48	Revision:	Base
Filename:	CPS SBO Study		Config:	Normal

## DIV 1 Battery 1A 48-Hour Coping Study

**Battery Sizing Summary Page**

**Battery ID:** DIV I BATT 1A  
**Duty Cycle Category:** Normal  
**Load Duration:** Duty Cycle Span

**Voltage Requirements:**

**System:** Nominal Voltage = 125.00  
Maximum System Voltage Deviation = 120 %  
Minimum System Voltage Deviation = 80 %

**Battery:** Battery Charge Voltage = 2.30 V/Cell  
Battery Minimum Discharge Voltage = 1.81 V/Cell  
Temperature = 18 °C (Battery minimum temperature)  
Desirable Number of Cells = 58

**Correction Factors (%):**

Temperature	Design Margin	Aging	Initial Capacity	Total
108.0	100	100	100	108.0

**Calculated Battery Size Based on the Curve for 25 Plates:****Required Number of Positive Plates**

	Per String	Total
Max. Non-Rand. Load:	10.507	10.507
Max Rand. Load:	0.000	0.000
Uncorrected:	10.507	10.507
Corrected:	11.343	11.343 (Corrected by multiplying correction factor)

Recommended Number of Total Plates per String: 25

Number of cells: 58  
Number of Strings: 1  
Rated Voltage: 119.65  
Rated Capacity: 1800

**Existing Battery:**

Number of Strings: 1  
Number of Positive Plates per String: 12  
Number of Total Positive Plates: 12  
Difference in Total Positive Plates between Existing and Required: 0.657

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Filename:	CPS SBO Study		Config.:	Normal

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**DIV 1 Battery 1A 48-Hour Coping Study**

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**Battery Discharge Summary Page****Battery ID:** DIV I BATT 1A

Number of cells: 58

Number of Strings: 1

Rated Voltage: 119.65

Rated Capacity: 1800 AH

Duty Cycle Category: Normal

Load Duration: Duty Cycle Span

**Voltage Requirements:**

**System:** Nominal Voltage = 125.00  
Maximum System Voltage Deviation = 120 %  
Minimum System Voltage Deviation = 80 %

**Battery:** Battery Charge Voltage = 2.30 V/Cell  
Battery Minimum Discharge Voltage = 1.81 V/Cell  
Temperature = 18 °C (Battery minimum temperature)

**Voltage Drop Calculation Parameters:**

Time Step = 1.00 Minute

Maximum Voltage Limit = 100.0 %

**Voltage Drop Calculation Parameters:**

Load Duty Cycle - No One-minute Span

**Correction Factors (%):**

Temperature	Aging	Initial Capacity	Total
108.0	100	100	108.0

Project: Clinton Flex Study  
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Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

Battery Discharge Tabulation

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
0.000	280.2	132.67	119.654	112.674	0.017	109.2	132.75	112.674	* 114.136
1.000	98.8	134.54	* 114.139	* 114.228	2.000	98.8	136.19	* 114.231	* 114.231
3.000	98.8	137.83	* 114.234	* 114.234	4.000	98.8	139.48	* 114.237	* 114.237
5.000	98.8	141.13	* 114.239	* 114.239	6.000	98.8	142.77	* 114.243	* 114.243
7.000	98.8	144.42	* 114.248	* 114.248	8.000	98.8	146.07	* 114.252	* 114.252
9.000	98.8	147.71	* 114.257	* 114.257	10.000	98.8	149.36	* 114.261	* 114.261
11.000	98.8	151.01	* 114.266	* 114.266	12.000	98.8	152.65	* 114.271	* 114.271
13.000	98.8	154.30	* 114.275	* 114.275	14.000	98.8	155.95	* 114.280	* 114.280
15.000	98.8	157.59	* 114.285	* 114.285	16.000	98.8	159.24	* 114.290	* 114.290
17.000	98.8	160.89	* 114.294	* 114.294	18.000	98.8	162.54	* 114.299	* 114.299
19.000	98.8	164.18	* 114.304	* 114.304	20.000	98.8	165.83	* 114.309	* 114.309
21.000	98.8	167.48	* 114.314	* 114.314	22.000	98.8	169.12	* 114.319	* 114.319
23.000	98.8	170.77	* 114.324	* 114.324	24.000	98.8	172.42	* 114.329	* 114.329
25.000	98.8	174.06	* 114.334	* 114.334	26.000	98.8	175.71	* 114.339	* 114.339
27.000	98.8	177.36	* 114.344	* 114.344	28.000	98.8	179.00	* 114.349	* 114.349
29.000	98.8	180.65	* 114.355	* 114.355	30.000	98.8	182.30	* 114.360	* 114.360
31.000	98.8	183.94	* 114.365	* 114.365	32.000	98.8	185.59	* 114.370	* 114.370
33.000	98.8	187.24	* 114.376	* 114.376	34.000	98.8	188.88	* 114.381	* 114.381
35.000	98.8	190.53	* 114.387	* 114.387	36.000	98.8	192.18	* 114.392	* 114.392
37.000	98.8	193.83	* 114.398	* 114.398	38.000	98.8	195.47	* 114.403	* 114.403
39.000	98.8	197.12	* 114.409	* 114.409	40.000	98.8	198.77	* 114.414	* 114.414
41.000	98.8	200.41	* 114.420	* 114.420	42.000	98.8	202.06	* 114.426	* 114.426
43.000	98.8	203.71	* 114.431	* 114.431	44.000	98.8	205.35	* 114.437	* 114.437
45.000	98.8	207.00	* 114.443	* 114.443	46.000	98.8	208.65	* 114.449	* 114.449
47.000	98.8	210.29	* 114.455	* 114.455	48.000	98.8	211.94	* 114.461	* 114.461
49.000	98.8	213.59	* 114.467	* 114.467	50.000	98.8	215.23	* 114.473	* 114.473
51.000	98.8	216.88	* 114.479	* 114.479	52.000	98.8	218.53	* 114.485	* 114.485
53.000	98.8	220.17	* 114.491	* 114.491	54.000	98.8	221.82	* 114.497	* 114.497
55.000	98.8	223.47	* 114.503	* 114.503	56.000	98.8	225.12	* 114.510	* 114.510
57.000	98.8	226.76	* 114.516	* 114.516	58.000	98.8	228.41	* 114.522	* 114.522
59.000	98.8	230.06	* 114.529	* 114.529	60.000	12.6	231.70	* 114.535	* 115.431
61.000	12.6	231.91	* 115.433	* 115.433	62.000	12.6	232.12	* 115.434	* 115.434
63.000	12.6	232.33	* 115.435	* 115.435	64.000	12.6	232.54	* 115.436	* 115.436
65.000	12.6	232.75	* 115.438	* 115.438	66.000	12.6	232.96	* 115.439	* 115.439

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Study Case: BS1A-48

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Revision: Base

Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
67.000	12.6	233.17	* 115.440	* 115.440	68.000	12.6	233.38	* 115.441	* 115.441
69.000	12.6	233.59	* 115.443	* 115.443	70.000	12.6	233.81	* 115.444	* 115.444
71.000	12.6	234.02	* 115.445	* 115.445	72.000	12.6	234.23	* 115.447	* 115.447
73.000	12.6	234.44	* 115.448	* 115.448	74.000	12.6	234.65	* 115.449	* 115.449
75.000	12.6	234.86	* 115.450	* 115.450	76.000	12.6	235.07	* 115.452	* 115.452
77.000	12.6	235.28	* 115.453	* 115.453	78.000	12.6	235.49	* 115.454	* 115.454
79.000	12.6	235.70	* 115.456	* 115.456	80.000	12.6	235.91	* 115.457	* 115.457
81.000	12.6	236.12	* 115.458	* 115.458	82.000	12.6	236.33	* 115.459	* 115.459
83.000	12.6	236.54	* 115.461	* 115.461	84.000	12.6	236.75	* 115.462	* 115.462
85.000	12.6	236.96	* 115.463	* 115.463	86.000	12.6	237.17	* 115.464	* 115.464
87.000	12.6	237.38	* 115.465	* 115.465	88.000	12.6	237.59	* 115.466	* 115.466
89.000	12.6	237.80	* 115.466	* 115.466	90.000	12.6	238.01	* 115.467	* 115.467
91.000	12.6	238.22	* 115.467	* 115.467	92.000	12.6	238.43	* 115.468	* 115.468
93.000	12.6	238.64	* 115.469	* 115.469	94.000	12.6	238.85	* 115.469	* 115.469
95.000	12.6	239.06	* 115.470	* 115.470	96.000	12.6	239.27	* 115.470	* 115.470
97.000	12.6	239.48	* 115.471	* 115.471	98.000	12.6	239.69	* 115.472	* 115.472
99.000	12.6	239.90	* 115.472	* 115.472	100.000	12.6	240.11	* 115.473	* 115.473
101.000	12.6	240.32	* 115.473	* 115.473	102.000	12.6	240.53	* 115.474	* 115.474
103.000	12.6	240.74	* 115.475	* 115.475	104.000	12.6	240.95	* 115.475	* 115.475
105.000	12.6	241.17	* 115.476	* 115.476	106.000	12.6	241.38	* 115.476	* 115.476
107.000	12.6	241.59	* 115.477	* 115.477	108.000	12.6	241.80	* 115.478	* 115.478
109.000	12.6	242.01	* 115.478	* 115.478	110.000	12.6	242.22	* 115.479	* 115.479
111.000	12.6	242.43	* 115.479	* 115.479	112.000	12.6	242.64	* 115.480	* 115.480
113.000	12.6	242.85	* 115.481	* 115.481	114.000	12.6	243.06	* 115.481	* 115.481
115.000	12.6	243.27	* 115.482	* 115.482	116.000	12.6	243.48	* 115.483	* 115.483
117.000	12.6	243.69	* 115.483	* 115.483	118.000	12.6	243.90	* 115.484	* 115.484
119.000	12.6	244.11	* 115.484	* 115.484	120.000	12.6	244.32	* 115.485	* 115.485
121.000	12.6	244.53	* 115.486	* 115.486	122.000	12.6	244.74	* 115.486	* 115.486
123.000	12.6	244.95	* 115.487	* 115.487	124.000	12.6	245.16	* 115.487	* 115.487
125.000	12.6	245.37	* 115.488	* 115.488	126.000	12.6	245.58	* 115.489	* 115.489
127.000	12.6	245.79	* 115.489	* 115.489	128.000	12.6	246.00	* 115.490	* 115.490
129.000	12.6	246.21	* 115.491	* 115.491	130.000	12.6	246.42	* 115.491	* 115.491
131.000	12.6	246.63	* 115.492	* 115.492	132.000	12.6	246.84	* 115.492	* 115.492
133.000	12.6	247.05	* 115.493	* 115.493	134.000	12.6	247.26	* 115.494	* 115.494
135.000	12.6	247.47	* 115.494	* 115.494	136.000	12.6	247.68	* 115.495	* 115.495
137.000	12.6	247.89	* 115.495	* 115.495	138.000	12.6	248.10	* 115.496	* 115.496

Project: Clinton Flex Study.

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Date: 11-17-2018

Contract:

SN: KCICONSULT

Engineer: Badar Hussain

Study Case: BS1A-48

Revision: Base

Filename: CPS SBO Study

Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
139.000	12.6	248.31	* 115.497	* 115.497	140.000	12.6	248.53	* 115.497	* 115.497
141.000	12.6	248.74	* 115.498	* 115.498	142.000	12.6	248.95	* 115.499	* 115.499
143.000	12.6	249.16	* 115.499	* 115.499	144.000	12.6	249.37	* 115.500	* 115.500
145.000	12.6	249.58	* 115.500	* 115.500	146.000	12.6	249.79	* 115.501	* 115.501
147.000	12.6	250.00	* 115.502	* 115.502	148.000	12.6	250.21	* 115.502	* 115.502
149.000	12.6	250.42	* 115.503	* 115.503	150.000	12.6	250.63	* 115.504	* 115.504
151.000	12.6	250.84	* 115.504	* 115.504	152.000	12.6	251.05	* 115.505	* 115.505
153.000	12.6	251.26	* 115.505	* 115.505	154.000	12.6	251.47	* 115.506	* 115.506
155.000	12.6	251.68	* 115.507	* 115.507	156.000	12.6	251.89	* 115.507	* 115.507
157.000	12.6	252.10	* 115.508	* 115.508	158.000	12.6	252.31	* 115.508	* 115.508
159.000	12.6	252.52	* 115.508	* 115.508	160.000	12.6	252.73	* 115.508	* 115.508
161.000	12.6	252.94	* 115.507	* 115.507	162.000	12.6	253.15	* 115.507	* 115.507
163.000	12.6	253.36	* 115.507	* 115.507	164.000	12.6	253.57	* 115.507	* 115.507
165.000	12.6	253.78	* 115.507	* 115.507	166.000	12.6	253.99	* 115.507	* 115.507
167.000	12.6	254.20	* 115.507	* 115.507	168.000	12.6	254.41	* 115.507	* 115.507
169.000	12.6	254.62	* 115.507	* 115.507	170.000	12.6	254.83	* 115.507	* 115.507
171.000	12.6	255.04	* 115.507	* 115.507	172.000	12.6	255.25	* 115.507	* 115.507
173.000	12.6	255.46	* 115.507	* 115.507	174.000	12.6	255.67	* 115.507	* 115.507
175.000	12.6	255.88	* 115.507	* 115.507	176.000	12.6	256.10	* 115.507	* 115.507
177.000	12.6	256.31	* 115.507	* 115.507	178.000	12.6	256.52	* 115.507	* 115.507
179.000	12.6	256.73	* 115.507	* 115.507	180.000	12.6	256.94	* 115.507	* 115.507
181.000	12.6	257.15	* 115.507	* 115.507	182.000	12.6	257.36	* 115.507	* 115.507
183.000	12.6	257.57	* 115.507	* 115.507	184.000	12.6	257.78	* 115.506	* 115.506
185.000	12.6	257.99	* 115.506	* 115.506	186.000	12.6	258.20	* 115.506	* 115.506
187.000	12.6	258.41	* 115.506	* 115.506	188.000	12.6	258.62	* 115.506	* 115.506
189.000	12.6	258.83	* 115.506	* 115.506	190.000	12.6	259.04	* 115.506	* 115.506
191.000	12.6	259.25	* 115.506	* 115.506	192.000	12.6	259.46	* 115.506	* 115.506
193.000	12.6	259.67	* 115.506	* 115.506	194.000	12.6	259.88	* 115.506	* 115.506
195.000	12.6	260.09	* 115.506	* 115.506	196.000	12.6	260.30	* 115.506	* 115.506
197.000	12.6	260.51	* 115.506	* 115.506	198.000	12.6	260.72	* 115.506	* 115.506
199.000	12.6	260.93	* 115.506	* 115.506	200.000	12.6	261.14	* 115.506	* 115.506
201.000	12.6	261.35	* 115.506	* 115.506	202.000	12.6	261.56	* 115.506	* 115.506
203.000	12.6	261.77	* 115.506	* 115.506	204.000	12.6	261.98	* 115.506	* 115.506
205.000	12.6	262.19	* 115.506	* 115.506	206.000	12.6	262.40	* 115.506	* 115.506
207.000	12.6	262.61	* 115.505	* 115.505	208.000	12.6	262.82	* 115.505	* 115.505
209.000	12.6	263.03	* 115.505	* 115.505	210.000	12.6	263.24	* 115.505	* 115.505

Project: Clinton Flex Study  
Location: KCI  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

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DIV 1 Battery 1A 48-Hour Coping Study

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Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
211.000	12.6	263.46	* 115.505	* 115.505	212.000	12.6	263.67	* 115.505	* 115.505
213.000	12.6	263.88	* 115.505	* 115.505	214.000	12.6	264.09	* 115.505	* 115.505
215.000	12.6	264.30	* 115.505	* 115.505	216.000	12.6	264.51	* 115.505	* 115.505
217.000	12.6	264.72	* 115.505	* 115.505	218.000	12.6	264.93	* 115.505	* 115.505
219.000	12.6	265.14	* 115.505	* 115.505	220.000	12.6	265.35	* 115.505	* 115.505
221.000	12.6	265.56	* 115.505	* 115.505	222.000	12.6	265.77	* 115.505	* 115.505
223.000	12.6	265.98	* 115.505	* 115.505	224.000	12.6	266.19	* 115.505	* 115.505
225.000	12.6	266.40	* 115.505	* 115.505	226.000	12.6	266.61	* 115.505	* 115.505
227.000	12.6	266.82	* 115.505	* 115.505	228.000	12.6	267.03	* 115.505	* 115.505
229.000	12.6	267.24	* 115.505	* 115.505	230.000	12.6	267.45	* 115.504	* 115.504
231.000	12.6	267.66	* 115.504	* 115.504	232.000	12.6	267.87	* 115.504	* 115.504
233.000	12.6	268.08	* 115.504	* 115.504	234.000	12.6	268.29	* 115.504	* 115.504
235.000	12.6	268.50	* 115.504	* 115.504	236.000	12.6	268.71	* 115.504	* 115.504
237.000	12.6	268.92	* 115.504	* 115.504	238.000	12.6	269.13	* 115.504	* 115.504
239.000	12.6	269.34	* 115.504	* 115.504	240.000	12.6	269.55	* 115.504	* 115.504
241.000	12.6	269.76	* 115.504	* 115.504	242.000	12.6	269.97	* 115.504	* 115.504
243.000	12.6	270.18	* 115.504	* 115.504	244.000	12.6	270.39	* 115.504	* 115.504
245.000	12.6	270.60	* 115.504	* 115.504	246.000	12.6	270.82	* 115.504	* 115.504
247.000	12.6	271.03	* 115.504	* 115.504	248.000	12.6	271.24	* 115.504	* 115.504
249.000	12.6	271.45	* 115.504	* 115.504	250.000	12.6	271.66	* 115.504	* 115.504
251.000	12.6	271.87	* 115.504	* 115.504	252.000	12.6	272.08	* 115.504	* 115.504
253.000	12.6	272.29	* 115.503	* 115.503	254.000	12.6	272.50	* 115.503	* 115.503
255.000	12.6	272.71	* 115.503	* 115.503	256.000	12.6	272.92	* 115.503	* 115.503
257.000	12.6	273.13	* 115.503	* 115.503	258.000	12.6	273.34	* 115.503	* 115.503
259.000	12.6	273.55	* 115.503	* 115.503	260.000	12.6	273.76	* 115.503	* 115.503
261.000	12.6	273.97	* 115.503	* 115.503	262.000	12.6	274.18	* 115.503	* 115.503
263.000	12.6	274.39	* 115.503	* 115.503	264.000	12.6	274.60	* 115.503	* 115.503
265.000	12.6	274.81	* 115.503	* 115.503	266.000	12.6	275.02	* 115.503	* 115.503
267.000	12.6	275.23	* 115.503	* 115.503	268.000	12.6	275.44	* 115.503	* 115.503
269.000	12.6	275.65	* 115.503	* 115.503	270.000	12.6	275.86	* 115.503	* 115.503
271.000	12.6	276.07	* 115.503	* 115.503	272.000	12.6	276.28	* 115.503	* 115.503
273.000	12.6	276.49	* 115.503	* 115.503	274.000	12.6	276.70	* 115.503	* 115.503
275.000	12.6	276.91	* 115.503	* 115.503	276.000	12.6	277.12	* 115.502	* 115.502
277.000	12.6	277.33	* 115.502	* 115.502	278.000	12.6	277.54	* 115.502	* 115.502
279.000	12.6	277.75	* 115.502	* 115.502	280.000	12.6	277.96	* 115.502	* 115.502
281.000	12.6	278.18	* 115.502	* 115.502	282.000	12.6	278.39	* 115.502	* 115.502

Project: Clinton Flex Study  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
283.000	12.6	278.60	* 115.502	* 115.502	284.000	12.6	278.81	* 115.502	* 115.502
285.000	12.6	279.02	* 115.502	* 115.502	286.000	12.6	279.23	* 115.502	* 115.502
287.000	12.6	279.44	* 115.502	* 115.502	288.000	12.6	279.65	* 115.502	* 115.502
289.000	12.6	279.86	* 115.502	* 115.502	290.000	12.6	280.07	* 115.502	* 115.502
291.000	12.6	280.28	* 115.502	* 115.502	292.000	12.6	280.49	* 115.502	* 115.502
293.000	12.6	280.70	* 115.502	* 115.502	294.000	12.6	280.91	* 115.502	* 115.502
295.000	12.6	281.12	* 115.502	* 115.502	296.000	12.6	281.33	* 115.502	* 115.502
297.000	12.6	281.54	* 115.502	* 115.502	298.000	12.6	281.75	* 115.501	* 115.501
299.000	12.6	281.96	* 115.501	* 115.501	300.000	12.6	282.17	* 115.501	* 115.501
301.000	12.6	282.38	* 115.501	* 115.501	302.000	12.6	282.59	* 115.501	* 115.501
303.000	12.6	282.80	* 115.501	* 115.501	304.000	12.6	283.01	* 115.501	* 115.501
305.000	12.6	283.22	* 115.501	* 115.501	306.000	12.6	283.43	* 115.501	* 115.501
307.000	12.6	283.64	* 115.501	* 115.501	308.000	12.6	283.85	* 115.501	* 115.501
309.000	12.6	284.06	* 115.501	* 115.501	310.000	12.6	284.27	* 115.501	* 115.501
311.000	12.6	284.48	* 115.501	* 115.501	312.000	12.6	284.69	* 115.501	* 115.501
313.000	12.6	284.90	* 115.501	* 115.501	314.000	12.6	285.11	* 115.501	* 115.501
315.000	12.6	285.32	* 115.501	* 115.501	316.000	12.6	285.53	* 115.501	* 115.501
317.000	12.6	285.75	* 115.501	* 115.501	318.000	12.6	285.96	* 115.501	* 115.501
319.000	12.6	286.17	* 115.501	* 115.501	320.000	12.6	286.38	* 115.501	* 115.501
321.000	12.6	286.59	* 115.500	* 115.500	322.000	12.6	286.80	* 115.500	* 115.500
323.000	12.6	287.01	* 115.500	* 115.500	324.000	12.6	287.22	* 115.500	* 115.500
325.000	12.6	287.43	* 115.500	* 115.500	326.000	12.6	287.64	* 115.500	* 115.500
327.000	12.6	287.85	* 115.500	* 115.500	328.000	12.6	288.06	* 115.500	* 115.500
329.000	12.6	288.27	* 115.500	* 115.500	330.000	12.6	288.48	* 115.500	* 115.500
331.000	12.6	288.69	* 115.500	* 115.500	332.000	12.6	288.90	* 115.500	* 115.500
333.000	12.6	289.11	* 115.500	* 115.500	334.000	12.6	289.32	* 115.500	* 115.500
335.000	12.6	289.53	* 115.500	* 115.500	336.000	12.6	289.74	* 115.500	* 115.500
337.000	12.6	289.95	* 115.500	* 115.500	338.000	12.6	290.16	* 115.500	* 115.500
339.000	12.6	290.37	* 115.500	* 115.500	340.000	12.6	290.58	* 115.500	* 115.500
341.000	12.6	290.79	* 115.500	* 115.500	342.000	12.6	291.00	* 115.500	* 115.500
343.000	12.6	291.21	* 115.499	* 115.499	344.000	12.6	291.42	* 115.499	* 115.499
345.000	12.6	291.63	* 115.499	* 115.499	346.000	12.6	291.84	* 115.499	* 115.499
347.000	12.6	292.05	* 115.499	* 115.499	348.000	12.6	292.26	* 115.499	* 115.499
349.000	12.6	292.47	* 115.499	* 115.499	350.000	12.6	292.68	* 115.499	* 115.499
351.000	12.6	292.89	* 115.499	* 115.499	352.000	12.6	293.11	* 115.499	* 115.499
353.000	12.6	293.32	* 115.499	* 115.499	354.000	12.6	293.53	* 115.499	* 115.499

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
355.000	12.6	293.74	*	115.499	356.000	12.6	293.95	*	115.499
357.000	12.6	294.16	*	115.499	358.000	12.6	294.37	*	115.499
359.000	12.6	294.58	*	115.499	360.000	12.6	294.79	*	115.499
361.000	12.6	295.00	*	115.499	362.000	12.6	295.21	*	115.499
363.000	12.6	295.42	*	115.499	364.000	12.6	295.63	*	115.499
365.000	12.6	295.84	*	115.499	366.000	12.6	296.05	*	115.498
367.000	12.6	296.26	*	115.498	368.000	12.6	296.47	*	115.498
369.000	12.6	296.68	*	115.498	370.000	12.6	296.89	*	115.498
371.000	12.6	297.10	*	115.498	372.000	12.6	297.31	*	115.498
373.000	12.6	297.52	*	115.498	374.000	12.6	297.73	*	115.498
375.000	12.6	297.94	*	115.498	376.000	12.6	298.15	*	115.498
377.000	12.6	298.36	*	115.498	378.000	12.6	298.57	*	115.498
379.000	12.6	298.78	*	115.498	380.000	12.6	298.99	*	115.498
381.000	12.6	299.20	*	115.498	382.000	12.6	299.41	*	115.498
383.000	12.6	299.62	*	115.498	384.000	12.6	299.83	*	115.498
385.000	12.6	300.04	*	115.498	386.000	12.6	300.25	*	115.498
387.000	12.6	300.47	*	115.498	388.000	12.6	300.68	*	115.497
389.000	12.6	300.89	*	115.497	390.000	12.6	301.10	*	115.497
391.000	12.6	301.31	*	115.497	392.000	12.6	301.52	*	115.497
393.000	12.6	301.73	*	115.497	394.000	12.6	301.94	*	115.497
395.000	12.6	302.15	*	115.497	396.000	12.6	302.36	*	115.497
397.000	12.6	302.57	*	115.497	398.000	12.6	302.78	*	115.497
399.000	12.6	302.99	*	115.497	400.000	12.6	303.20	*	115.497
401.000	12.6	303.41	*	115.497	402.000	12.6	303.62	*	115.497
403.000	12.6	303.83	*	115.497	404.000	12.6	304.04	*	115.497
405.000	12.6	304.25	*	115.497	406.000	12.6	304.46	*	115.497
407.000	12.6	304.67	*	115.497	408.000	12.6	304.88	*	115.497
409.000	12.6	305.09	*	115.497	410.000	12.6	305.30	*	115.496
411.000	12.6	305.51	*	115.496	412.000	12.6	305.72	*	115.496
413.000	12.6	305.93	*	115.496	414.000	12.6	306.14	*	115.496
415.000	12.6	306.35	*	115.496	416.000	12.6	306.56	*	115.496
417.000	12.6	306.77	*	115.496	418.000	12.6	306.98	*	115.496
419.000	12.6	307.19	*	115.496	420.000	12.6	307.40	*	115.496
421.000	12.6	307.61	*	115.496	422.000	12.6	307.82	*	115.496
423.000	12.6	308.04	*	115.496	424.000	12.6	308.25	*	115.496
425.000	12.6	308.46	*	115.496	426.000	12.6	308.67	*	115.496

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Revision: Base

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
427.000	12.6	308.88	* 115.496	* 115.496	428.000	12.6	309.09	* 115.496	* 115.496
429.000	12.6	309.30	* 115.496	* 115.496	430.000	12.6	309.51	* 115.496	* 115.496
431.000	12.6	309.72	* 115.496	* 115.496	432.000	12.6	309.93	* 115.495	* 115.495
433.000	12.6	310.14	* 115.495	* 115.495	434.000	12.6	310.35	* 115.495	* 115.495
435.000	12.6	310.56	* 115.495	* 115.495	436.000	12.6	310.77	* 115.495	* 115.495
437.000	12.6	310.98	* 115.495	* 115.495	438.000	12.6	311.19	* 115.495	* 115.495
439.000	12.6	311.40	* 115.495	* 115.495	440.000	12.6	311.61	* 115.495	* 115.495
441.000	12.6	311.82	* 115.495	* 115.495	442.000	12.6	312.03	* 115.495	* 115.495
443.000	12.6	312.24	* 115.495	* 115.495	444.000	12.6	312.45	* 115.495	* 115.495
445.000	12.6	312.66	* 115.495	* 115.495	446.000	12.6	312.87	* 115.495	* 115.495
447.000	12.6	313.08	* 115.495	* 115.495	448.000	12.6	313.29	* 115.495	* 115.495
449.000	12.6	313.50	* 115.495	* 115.495	450.000	12.6	313.71	* 115.495	* 115.495
451.000	12.6	313.92	* 115.495	* 115.495	452.000	12.6	314.13	* 115.495	* 115.495
453.000	12.6	314.34	* 115.495	* 115.495	454.000	12.6	314.55	* 115.494	* 115.494
455.000	12.6	314.76	* 115.494	* 115.494	456.000	12.6	314.97	* 115.494	* 115.494
457.000	12.6	315.18	* 115.494	* 115.494	458.000	12.6	315.40	* 115.494	* 115.494
459.000	12.6	315.61	* 115.494	* 115.494	460.000	12.6	315.82	* 115.494	* 115.494
461.000	12.6	316.03	* 115.494	* 115.494	462.000	12.6	316.24	* 115.494	* 115.494
463.000	12.6	316.45	* 115.494	* 115.494	464.000	12.6	316.66	* 115.494	* 115.494
465.000	12.6	316.87	* 115.494	* 115.494	466.000	12.6	317.08	* 115.494	* 115.494
467.000	12.6	317.29	* 115.494	* 115.494	468.000	12.6	317.50	* 115.494	* 115.494
469.000	12.6	317.71	* 115.494	* 115.494	470.000	12.6	317.92	* 115.494	* 115.494
471.000	12.6	318.13	* 115.494	* 115.494	472.000	12.6	318.34	* 115.494	* 115.494
473.000	12.6	318.55	* 115.494	* 115.494	474.000	12.6	318.76	* 115.494	* 115.494
475.000	12.6	318.97	* 115.494	* 115.494	476.000	12.6	319.18	* 115.493	* 115.493
477.000	12.6	319.39	* 115.493	* 115.493	478.000	12.6	319.60	* 115.493	* 115.493
479.000	12.6	319.81	* 115.493	* 115.493	480.000	12.6	320.02	* 115.493	* 115.493
481.000	12.6	320.23	* 115.493	* 115.493	482.000	12.6	320.44	* 115.493	* 115.493
483.000	12.6	320.65	* 115.493	* 115.493	484.000	12.6	320.86	* 115.493	* 115.493
485.000	12.6	321.07	* 115.493	* 115.493	486.000	12.6	321.28	* 115.493	* 115.493
487.000	12.6	321.49	* 115.493	* 115.493	488.000	12.6	321.70	* 115.493	* 115.493
489.000	12.6	321.91	* 115.493	* 115.493	490.000	12.6	322.12	* 115.493	* 115.493
491.000	12.6	322.33	* 115.493	* 115.493	492.000	12.6	322.54	* 115.493	* 115.493
493.000	12.6	322.76	* 115.493	* 115.493	494.000	12.6	322.97	* 115.493	* 115.493
495.000	12.6	323.18	* 115.493	* 115.493	496.000	12.6	323.39	* 115.493	* 115.493
497.000	12.6	323.60	* 115.493	* 115.493	498.000	12.6	323.81	* 115.492	* 115.492

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
499.000	12.6	324.02	* 115.492	* 115.492	500.000	12.6	324.23	* 115.492	* 115.492
501.000	12.6	324.44	* 115.492	* 115.492	502.000	12.6	324.65	* 115.492	* 115.492
503.000	12.6	324.86	* 115.492	* 115.492	504.000	12.6	325.07	* 115.492	* 115.492
505.000	12.6	325.28	* 115.492	* 115.492	506.000	12.6	325.49	* 115.492	* 115.492
507.000	12.6	325.70	* 115.492	* 115.492	508.000	12.6	325.91	* 115.492	* 115.492
509.000	12.6	326.12	* 115.492	* 115.492	510.000	12.6	326.33	* 115.492	* 115.492
511.000	12.6	326.54	* 115.492	* 115.492	512.000	12.6	326.75	* 115.492	* 115.492
513.000	12.6	326.96	* 115.492	* 115.492	514.000	12.6	327.17	* 115.492	* 115.492
515.000	12.6	327.38	* 115.492	* 115.492	516.000	12.6	327.59	* 115.492	* 115.492
517.000	12.6	327.80	* 115.492	* 115.492	518.000	12.6	328.01	* 115.492	* 115.492
519.000	12.6	328.22	* 115.492	* 115.492	520.000	12.6	328.43	* 115.491	* 115.491
521.000	12.6	328.64	* 115.491	* 115.491	522.000	12.6	328.85	* 115.491	* 115.491
523.000	12.6	329.06	* 115.491	* 115.491	524.000	12.6	329.27	* 115.491	* 115.491
525.000	12.6	329.48	* 115.491	* 115.491	526.000	12.6	329.69	* 115.491	* 115.491
527.000	12.6	329.90	* 115.491	* 115.491	528.000	12.6	330.12	* 115.491	* 115.491
529.000	12.6	330.33	* 115.491	* 115.491	530.000	12.6	330.54	* 115.491	* 115.491
531.000	12.6	330.75	* 115.491	* 115.491	532.000	12.6	330.96	* 115.491	* 115.491
533.000	12.6	331.17	* 115.491	* 115.491	534.000	12.6	331.38	* 115.491	* 115.491
535.000	12.6	331.59	* 115.491	* 115.491	536.000	12.6	331.80	* 115.491	* 115.491
537.000	12.6	332.01	* 115.491	* 115.491	538.000	12.6	332.22	* 115.491	* 115.491
539.000	12.6	332.43	* 115.491	* 115.491	540.000	12.6	332.64	* 115.491	* 115.491
541.000	12.6	332.85	* 115.490	* 115.490	542.000	12.6	333.06	* 115.490	* 115.490
543.000	12.6	333.27	* 115.490	* 115.490	544.000	12.6	333.48	* 115.490	* 115.490
545.000	12.6	333.69	* 115.490	* 115.490	546.000	12.6	333.90	* 115.490	* 115.490
547.000	12.6	334.11	* 115.490	* 115.490	548.000	12.6	334.32	* 115.490	* 115.490
549.000	12.6	334.53	* 115.490	* 115.490	550.000	12.6	334.74	* 115.490	* 115.490
551.000	12.6	334.95	* 115.490	* 115.490	552.000	12.6	335.16	* 115.490	* 115.490
553.000	12.6	335.37	* 115.490	* 115.490	554.000	12.6	335.58	* 115.490	* 115.490
555.000	12.6	335.79	* 115.490	* 115.490	556.000	12.6	336.00	* 115.490	* 115.490
557.000	12.6	336.21	* 115.490	* 115.490	558.000	12.6	336.42	* 115.490	* 115.490
559.000	12.6	336.63	* 115.490	* 115.490	560.000	12.6	336.84	* 115.490	* 115.490
561.000	12.6	337.05	* 115.490	* 115.490	562.000	12.6	337.26	* 115.490	* 115.490
563.000	12.6	337.47	* 115.489	* 115.489	564.000	12.6	337.69	* 115.489	* 115.489
565.000	12.6	337.90	* 115.489	* 115.489	566.000	12.6	338.11	* 115.489	* 115.489
567.000	12.6	338.32	* 115.489	* 115.489	568.000	12.6	338.53	* 115.489	* 115.489
569.000	12.6	338.74	* 115.489	* 115.489	570.000	12.6	338.95	* 115.489	* 115.489

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
571.000	12.6	339.16	*	115.489	*	115.489	572.000	12.6	339.37	*	115.489	*	115.489
573.000	12.6	339.58	*	115.489	*	115.489	574.000	12.6	339.79	*	115.489	*	115.489
575.000	12.6	340.00	*	115.489	*	115.489	576.000	12.6	340.21	*	115.489	*	115.489
577.000	12.6	340.42	*	115.489	*	115.489	578.000	12.6	340.63	*	115.489	*	115.489
579.000	12.6	340.84	*	115.489	*	115.489	580.000	12.6	341.05	*	115.489	*	115.489
581.000	12.6	341.26	*	115.489	*	115.489	582.000	12.6	341.47	*	115.489	*	115.489
583.000	12.6	341.68	*	115.489	*	115.489	584.000	12.6	341.89	*	115.489	*	115.489
585.000	12.6	342.10	*	115.488	*	115.488	586.000	12.6	342.31	*	115.488	*	115.488
587.000	12.6	342.52	*	115.488	*	115.488	588.000	12.6	342.73	*	115.488	*	115.488
589.000	12.6	342.94	*	115.488	*	115.488	590.000	12.6	343.15	*	115.488	*	115.488
591.000	12.6	343.36	*	115.488	*	115.488	592.000	12.6	343.57	*	115.488	*	115.488
593.000	12.6	343.78	*	115.488	*	115.488	594.000	12.6	343.99	*	115.488	*	115.488
595.000	12.6	344.20	*	115.488	*	115.488	596.000	12.6	344.41	*	115.488	*	115.488
597.000	12.6	344.62	*	115.488	*	115.488	598.000	12.6	344.83	*	115.488	*	115.488
599.000	12.6	345.05	*	115.488	*	115.488	600.000	12.6	345.26	*	115.488	*	115.488
601.000	12.6	345.47	*	115.488	*	115.488	602.000	12.6	345.68	*	115.488	*	115.488
603.000	12.6	345.89	*	115.488	*	115.488	604.000	12.6	346.10	*	115.488	*	115.488
605.000	12.6	346.31	*	115.488	*	115.488	606.000	12.6	346.52	*	115.487	*	115.487
607.000	12.6	346.73	*	115.487	*	115.487	608.000	12.6	346.94	*	115.487	*	115.487
609.000	12.6	347.15	*	115.487	*	115.487	610.000	12.6	347.36	*	115.487	*	115.487
611.000	12.6	347.57	*	115.487	*	115.487	612.000	12.6	347.78	*	115.487	*	115.487
613.000	12.6	347.99	*	115.487	*	115.487	614.000	12.6	348.20	*	115.487	*	115.487
615.000	12.6	348.41	*	115.487	*	115.487	616.000	12.6	348.62	*	115.487	*	115.487
617.000	12.6	348.83	*	115.487	*	115.487	618.000	12.6	349.04	*	115.487	*	115.487
619.000	12.6	349.25	*	115.487	*	115.487	620.000	12.6	349.46	*	115.487	*	115.487
621.000	12.6	349.67	*	115.487	*	115.487	622.000	12.6	349.88	*	115.487	*	115.487
623.000	12.6	350.09	*	115.487	*	115.487	624.000	12.6	350.30	*	115.487	*	115.487
625.000	12.6	350.51	*	115.487	*	115.487	626.000	12.6	350.72	*	115.487	*	115.487
627.000	12.6	350.93	*	115.487	*	115.487	628.000	12.6	351.14	*	115.486	*	115.486
629.000	12.6	351.35	*	115.486	*	115.486	630.000	12.6	351.56	*	115.486	*	115.486
631.000	12.6	351.77	*	115.486	*	115.486	632.000	12.6	351.98	*	115.486	*	115.486
633.000	12.6	352.19	*	115.486	*	115.486	634.000	12.6	352.41	*	115.486	*	115.486
635.000	12.6	352.62	*	115.486	*	115.486	636.000	12.6	352.83	*	115.486	*	115.486
637.000	12.6	353.04	*	115.486	*	115.486	638.000	12.6	353.25	*	115.486	*	115.486
639.000	12.6	353.46	*	115.486	*	115.486	640.000	12.6	353.67	*	115.486	*	115.486
641.000	12.6	353.88	*	115.486	*	115.486	642.000	12.6	354.09	*	115.486	*	115.486

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
643.000	12.6	354.30	*	115.486	*	115.486	644.000	12.6	354.51	*	115.486	*	115.486
645.000	12.6	354.72	*	115.486	*	115.486	646.000	12.6	354.93	*	115.486	*	115.486
647.000	12.6	355.14	*	115.486	*	115.486	648.000	12.6	355.35	*	115.486	*	115.486
649.000	12.6	355.56	*	115.485	*	115.485	650.000	12.6	355.77	*	115.485	*	115.485
651.000	12.6	355.98	*	115.485	*	115.485	652.000	12.6	356.19	*	115.485	*	115.485
653.000	12.6	356.40	*	115.485	*	115.485	654.000	12.6	356.61	*	115.485	*	115.485
655.000	12.6	356.82	*	115.485	*	115.485	656.000	12.6	357.03	*	115.485	*	115.485
657.000	12.6	357.24	*	115.485	*	115.485	658.000	12.6	357.45	*	115.485	*	115.485
659.000	12.6	357.66	*	115.485	*	115.485	660.000	12.6	357.87	*	115.485	*	115.485
661.000	12.6	358.08	*	115.485	*	115.485	662.000	12.6	358.29	*	115.485	*	115.485
663.000	12.6	358.50	*	115.485	*	115.485	664.000	12.6	358.71	*	115.485	*	115.485
665.000	12.6	358.92	*	115.485	*	115.485	666.000	12.6	359.13	*	115.485	*	115.485
667.000	12.6	359.34	*	115.485	*	115.485	668.000	12.6	359.55	*	115.485	*	115.485
669.000	12.6	359.76	*	115.485	*	115.485	670.000	12.6	359.98	*	115.484	*	115.484
671.000	12.6	360.19	*	115.484	*	115.484	672.000	12.6	360.40	*	115.484	*	115.484
673.000	12.6	360.61	*	115.484	*	115.484	674.000	12.6	360.82	*	115.484	*	115.484
675.000	12.6	361.03	*	115.484	*	115.484	676.000	12.6	361.24	*	115.484	*	115.484
677.000	12.6	361.45	*	115.484	*	115.484	678.000	12.6	361.66	*	115.484	*	115.484
679.000	12.6	361.87	*	115.484	*	115.484	680.000	12.6	362.08	*	115.484	*	115.484
681.000	12.6	362.29	*	115.484	*	115.484	682.000	12.6	362.50	*	115.484	*	115.484
683.000	12.6	362.71	*	115.484	*	115.484	684.000	12.6	362.92	*	115.484	*	115.484
685.000	12.6	363.13	*	115.484	*	115.484	686.000	12.6	363.34	*	115.484	*	115.484
687.000	12.6	363.55	*	115.484	*	115.484	688.000	12.6	363.76	*	115.484	*	115.484
689.000	12.6	363.97	*	115.484	*	115.484	690.000	12.6	364.18	*	115.484	*	115.484
691.000	12.6	364.39	*	115.483	*	115.483	692.000	12.6	364.60	*	115.483	*	115.483
693.000	12.6	364.81	*	115.483	*	115.483	694.000	12.6	365.02	*	115.483	*	115.483
695.000	12.6	365.23	*	115.483	*	115.483	696.000	12.6	365.44	*	115.483	*	115.483
697.000	12.6	365.65	*	115.483	*	115.483	698.000	12.6	365.86	*	115.483	*	115.483
699.000	12.6	366.07	*	115.483	*	115.483	700.000	12.6	366.28	*	115.483	*	115.483
701.000	12.6	366.49	*	115.483	*	115.483	702.000	12.6	366.70	*	115.483	*	115.483
703.000	12.6	366.91	*	115.483	*	115.483	704.000	12.6	367.12	*	115.483	*	115.483
705.000	12.6	367.34	*	115.483	*	115.483	706.000	12.6	367.55	*	115.483	*	115.483
707.000	12.6	367.76	*	115.483	*	115.483	708.000	12.6	367.97	*	115.483	*	115.483
709.000	12.6	368.18	*	115.483	*	115.483	710.000	12.6	368.39	*	115.483	*	115.483
711.000	12.6	368.60	*	115.483	*	115.483	712.000	12.6	368.81	*	115.482	*	115.482
713.000	12.6	369.02	*	115.482	*	115.482	714.000	12.6	369.23	*	115.482	*	115.482

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Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
715.000	12.6	369.44	* 115.482	* 115.482	716.000	12.6	369.65	* 115.482	* 115.482
717.000	12.6	369.86	* 115.482	* 115.482	718.000	12.6	370.07	* 115.482	* 115.482
719.000	12.6	370.28	* 115.482	* 115.482	720.000	12.6	370.49	* 115.482	* 115.482
721.000	12.6	370.70	* 115.482	* 115.482	722.000	12.6	370.91	* 115.482	* 115.482
723.000	12.6	371.12	* 115.482	* 115.482	724.000	12.6	371.33	* 115.482	* 115.482
725.000	12.6	371.54	* 115.482	* 115.482	726.000	12.6	371.75	* 115.482	* 115.482
727.000	12.6	371.96	* 115.482	* 115.482	728.000	12.6	372.17	* 115.482	* 115.482
729.000	12.6	372.38	* 115.482	* 115.482	730.000	12.6	372.59	* 115.482	* 115.482
731.000	12.6	372.80	* 115.482	* 115.482	732.000	12.6	373.01	* 115.482	* 115.482
733.000	12.6	373.22	* 115.481	* 115.481	734.000	12.6	373.43	* 115.481	* 115.481
735.000	12.6	373.64	* 115.481	* 115.481	736.000	12.6	373.85	* 115.481	* 115.481
737.000	12.6	374.06	* 115.481	* 115.481	738.000	12.6	374.27	* 115.481	* 115.481
739.000	12.6	374.48	* 115.481	* 115.481	740.000	12.6	374.70	* 115.481	* 115.481
741.000	12.6	374.91	* 115.481	* 115.481	742.000	12.6	375.12	* 115.481	* 115.481
743.000	12.6	375.33	* 115.481	* 115.481	744.000	12.6	375.54	* 115.481	* 115.481
745.000	12.6	375.75	* 115.481	* 115.481	746.000	12.6	375.96	* 115.481	* 115.481
747.000	12.6	376.17	* 115.481	* 115.481	748.000	12.6	376.38	* 115.481	* 115.481
749.000	12.6	376.59	* 115.481	* 115.481	750.000	12.6	376.80	* 115.481	* 115.481
751.000	12.6	377.01	* 115.481	* 115.481	752.000	12.6	377.22	* 115.481	* 115.481
753.000	12.6	377.43	* 115.481	* 115.481	754.000	12.6	377.64	* 115.480	* 115.480
755.000	12.6	377.85	* 115.480	* 115.480	756.000	12.6	378.06	* 115.480	* 115.480
757.000	12.6	378.27	* 115.480	* 115.480	758.000	12.6	378.48	* 115.480	* 115.480
759.000	12.6	378.69	* 115.480	* 115.480	760.000	12.6	378.90	* 115.480	* 115.480
761.000	12.6	379.11	* 115.480	* 115.480	762.000	12.6	379.32	* 115.480	* 115.480
763.000	12.6	379.53	* 115.480	* 115.480	764.000	12.6	379.74	* 115.480	* 115.480
765.000	12.6	379.95	* 115.480	* 115.480	766.000	12.6	380.16	* 115.480	* 115.480
767.000	12.6	380.37	* 115.480	* 115.480	768.000	12.6	380.58	* 115.480	* 115.480
769.000	12.6	380.79	* 115.480	* 115.480	770.000	12.6	381.00	* 115.480	* 115.480
771.000	12.6	381.21	* 115.480	* 115.480	772.000	12.6	381.42	* 115.480	* 115.480
773.000	12.6	381.63	* 115.480	* 115.480	774.000	12.6	381.84	* 115.480	* 115.480
775.000	12.6	382.05	* 115.479	* 115.479	776.000	12.6	382.27	* 115.479	* 115.479
777.000	12.6	382.48	* 115.479	* 115.479	778.000	12.6	382.69	* 115.479	* 115.479
779.000	12.6	382.90	* 115.479	* 115.479	780.000	12.6	383.11	* 115.479	* 115.479
781.000	12.6	383.32	* 115.479	* 115.479	782.000	12.6	383.53	* 115.479	* 115.479
783.000	12.6	383.74	* 115.479	* 115.479	784.000	12.6	383.95	* 115.479	* 115.479
785.000	12.6	384.16	* 115.479	* 115.479	786.000	12.6	384.37	* 115.479	* 115.479

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
787.000	12.6	384.58	*	115.479	*	115.479	788.000	12.6	384.79	*	115.479	*	115.479
789.000	12.6	385.00	*	115.479	*	115.479	790.000	12.6	385.21	*	115.479	*	115.479
791.000	12.6	385.42	*	115.479	*	115.479	792.000	12.6	385.63	*	115.479	*	115.479
793.000	12.6	385.84	*	115.479	*	115.479	794.000	12.6	386.05	*	115.479	*	115.479
795.000	12.6	386.26	*	115.479	*	115.479	796.000	12.6	386.47	*	115.478	*	115.478
797.000	12.6	386.68	*	115.478	*	115.478	798.000	12.6	386.89	*	115.478	*	115.478
799.000	12.6	387.10	*	115.478	*	115.478	800.000	12.6	387.31	*	115.478	*	115.478
801.000	12.6	387.52	*	115.478	*	115.478	802.000	12.6	387.73	*	115.478	*	115.478
803.000	12.6	387.94	*	115.478	*	115.478	804.000	12.6	388.15	*	115.478	*	115.478
805.000	12.6	388.36	*	115.478	*	115.478	806.000	12.6	388.57	*	115.478	*	115.478
807.000	12.6	388.78	*	115.478	*	115.478	808.000	12.6	388.99	*	115.478	*	115.478
809.000	12.6	389.20	*	115.478	*	115.478	810.000	12.6	389.41	*	115.478	*	115.478
811.000	12.6	389.63	*	115.478	*	115.478	812.000	12.6	389.84	*	115.478	*	115.478
813.000	12.6	390.05	*	115.478	*	115.478	814.000	12.6	390.26	*	115.478	*	115.478
815.000	12.6	390.47	*	115.478	*	115.478	816.000	12.6	390.68	*	115.477	*	115.477
817.000	12.6	390.89	*	115.477	*	115.477	818.000	12.6	391.10	*	115.477	*	115.477
819.000	12.6	391.31	*	115.477	*	115.477	820.000	12.6	391.52	*	115.477	*	115.477
821.000	12.6	391.73	*	115.477	*	115.477	822.000	12.6	391.94	*	115.477	*	115.477
823.000	12.6	392.15	*	115.477	*	115.477	824.000	12.6	392.36	*	115.477	*	115.477
825.000	12.6	392.57	*	115.477	*	115.477	826.000	12.6	392.78	*	115.477	*	115.477
827.000	12.6	392.99	*	115.477	*	115.477	828.000	12.6	393.20	*	115.477	*	115.477
829.000	12.6	393.41	*	115.477	*	115.477	830.000	12.6	393.62	*	115.477	*	115.477
831.000	12.6	393.83	*	115.477	*	115.477	832.000	12.6	394.04	*	115.477	*	115.477
833.000	12.6	394.25	*	115.477	*	115.477	834.000	12.6	394.46	*	115.477	*	115.477
835.000	12.6	394.67	*	115.477	*	115.477	836.000	12.6	394.88	*	115.477	*	115.477
837.000	12.6	395.09	*	115.476	*	115.476	838.000	12.6	395.30	*	115.476	*	115.476
839.000	12.6	395.51	*	115.476	*	115.476	840.000	12.6	395.72	*	115.476	*	115.476
841.000	12.6	395.93	*	115.476	*	115.476	842.000	12.6	396.14	*	115.476	*	115.476
843.000	12.6	396.35	*	115.476	*	115.476	844.000	12.6	396.56	*	115.476	*	115.476
845.000	12.6	396.77	*	115.476	*	115.476	846.000	12.6	396.99	*	115.476	*	115.476
847.000	12.6	397.20	*	115.476	*	115.476	848.000	12.6	397.41	*	115.476	*	115.476
849.000	12.6	397.62	*	115.476	*	115.476	850.000	12.6	397.83	*	115.476	*	115.476
851.000	12.6	398.04	*	115.476	*	115.476	852.000	12.6	398.25	*	115.476	*	115.476
853.000	12.6	398.46	*	115.476	*	115.476	854.000	12.6	398.67	*	115.476	*	115.476
855.000	12.6	398.88	*	115.476	*	115.476	856.000	12.6	399.09	*	115.476	*	115.476
857.000	12.6	399.30	*	115.475	*	115.475	858.000	12.6	399.51	*	115.475	*	115.475

Project: Clinton Flex Study  
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#### DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
859.000	12.6	399.72	*	115.475	*	115.475	860.000	12.6	399.93	*	115.475	*	115.475
861.000	12.6	400.14	*	115.475	*	115.475	862.000	12.6	400.35	*	115.475	*	115.475
863.000	12.6	400.56	*	115.475	*	115.475	864.000	12.6	400.77	*	115.475	*	115.475
865.000	12.6	400.98	*	115.475	*	115.475	866.000	12.6	401.19	*	115.475	*	115.475
867.000	12.6	401.40	*	115.475	*	115.475	868.000	12.6	401.61	*	115.475	*	115.475
869.000	12.6	401.82	*	115.475	*	115.475	870.000	12.6	402.03	*	115.475	*	115.475
871.000	12.6	402.24	*	115.475	*	115.475	872.000	12.6	402.45	*	115.475	*	115.475
873.000	12.6	402.66	*	115.475	*	115.475	874.000	12.6	402.87	*	115.475	*	115.475
875.000	12.6	403.08	*	115.475	*	115.475	876.000	12.6	403.29	*	115.475	*	115.475
877.000	12.6	403.50	*	115.475	*	115.475	878.000	12.6	403.71	*	115.474	*	115.474
879.000	12.6	403.92	*	115.474	*	115.474	880.000	12.6	404.13	*	115.474	*	115.474
881.000	12.6	404.35	*	115.474	*	115.474	882.000	12.6	404.56	*	115.474	*	115.474
883.000	12.6	404.77	*	115.474	*	115.474	884.000	12.6	404.98	*	115.474	*	115.474
885.000	12.6	405.19	*	115.474	*	115.474	886.000	12.6	405.40	*	115.474	*	115.474
887.000	12.6	405.61	*	115.474	*	115.474	888.000	12.6	405.82	*	115.474	*	115.474
889.000	12.6	406.03	*	115.474	*	115.474	890.000	12.6	406.24	*	115.474	*	115.474
891.000	12.6	406.45	*	115.474	*	115.474	892.000	12.6	406.66	*	115.474	*	115.474
893.000	12.6	406.87	*	115.474	*	115.474	894.000	12.6	407.08	*	115.474	*	115.474
895.000	12.6	407.29	*	115.474	*	115.474	896.000	12.6	407.50	*	115.474	*	115.474
897.000	12.6	407.71	*	115.474	*	115.474	898.000	12.6	407.92	*	115.473	*	115.473
899.000	12.6	408.13	*	115.473	*	115.473	900.000	12.6	408.34	*	115.473	*	115.473
901.000	12.6	408.55	*	115.473	*	115.473	902.000	12.6	408.76	*	115.473	*	115.473
903.000	12.6	408.97	*	115.473	*	115.473	904.000	12.6	409.18	*	115.473	*	115.473
905.000	12.6	409.39	*	115.473	*	115.473	906.000	12.6	409.60	*	115.473	*	115.473
907.000	12.6	409.81	*	115.473	*	115.473	908.000	12.6	410.02	*	115.473	*	115.473
909.000	12.6	410.23	*	115.473	*	115.473	910.000	12.6	410.44	*	115.473	*	115.473
911.000	12.6	410.65	*	115.473	*	115.473	912.000	12.6	410.86	*	115.473	*	115.473
913.000	12.6	411.07	*	115.473	*	115.473	914.000	12.6	411.28	*	115.473	*	115.473
915.000	12.6	411.49	*	115.473	*	115.473	916.000	12.6	411.70	*	115.473	*	115.473
917.000	12.6	411.92	*	115.473	*	115.473	918.000	12.6	412.13	*	115.473	*	115.473
919.000	12.6	412.34	*	115.472	*	115.472	920.000	12.6	412.55	*	115.472	*	115.472
921.000	12.6	412.76	*	115.472	*	115.472	922.000	12.6	412.97	*	115.472	*	115.472
923.000	12.6	413.18	*	115.472	*	115.472	924.000	12.6	413.39	*	115.472	*	115.472
925.000	12.6	413.60	*	115.472	*	115.472	926.000	12.6	413.81	*	115.472	*	115.472
927.000	12.6	414.02	*	115.472	*	115.472	928.000	12.6	414.23	*	115.472	*	115.472
929.000	12.6	414.44	*	115.472	*	115.472	930.000	12.6	414.65	*	115.472	*	115.472

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## DIV 1 Battery 1A 48-Hour Coping Study

Current		Discharge Capacity	Voltage (V)		Current		Discharge Capacity	Voltage (V)	
Time	(Amp)	(Amp-Hour)	V-	V+	Time	(Amp)	(Amp-Hour)	V-	V+
931.000	12.6	414.86	* 115.472	* 115.472	932.000	12.6	415.07	* 115.472	* 115.472
933.000	12.6	415.28	* 115.472	* 115.472	934.000	12.6	415.49	* 115.472	* 115.472
935.000	12.6	415.70	* 115.472	* 115.472	936.000	12.6	415.91	* 115.472	* 115.472
937.000	12.6	416.12	* 115.472	* 115.472	938.000	12.6	416.33	* 115.472	* 115.472
939.000	12.6	416.54	* 115.471	* 115.471	940.000	12.6	416.75	* 115.471	* 115.471
941.000	12.6	416.96	* 115.471	* 115.471	942.000	12.6	417.17	* 115.471	* 115.471
943.000	12.6	417.38	* 115.471	* 115.471	944.000	12.6	417.59	* 115.471	* 115.471
945.000	12.6	417.80	* 115.471	* 115.471	946.000	12.6	418.01	* 115.471	* 115.471
947.000	12.6	418.22	* 115.471	* 115.471	948.000	12.6	418.43	* 115.471	* 115.471
949.000	12.6	418.64	* 115.471	* 115.471	950.000	12.6	418.85	* 115.471	* 115.471
951.000	12.6	419.06	* 115.471	* 115.471	952.000	12.6	419.28	* 115.471	* 115.471
953.000	12.6	419.49	* 115.471	* 115.471	954.000	12.6	419.70	* 115.471	* 115.471
955.000	12.6	419.91	* 115.471	* 115.471	956.000	12.6	420.12	* 115.471	* 115.471
957.000	12.6	420.33	* 115.471	* 115.471	958.000	12.6	420.54	* 115.471	* 115.471
959.000	12.6	420.75	* 115.470	* 115.470	960.000	12.6	420.96	* 115.470	* 115.470
961.000	12.6	421.17	* 115.470	* 115.470	962.000	12.6	421.38	* 115.470	* 115.470
963.000	12.6	421.59	* 115.470	* 115.470	964.000	12.6	421.80	* 115.470	* 115.470
965.000	12.6	422.01	* 115.470	* 115.470	966.000	12.6	422.22	* 115.470	* 115.470
967.000	12.6	422.43	* 115.470	* 115.470	968.000	12.6	422.64	* 115.470	* 115.470
969.000	12.6	422.85	* 115.470	* 115.470	970.000	12.6	423.06	* 115.470	* 115.470
971.000	12.6	423.27	* 115.470	* 115.470	972.000	12.6	423.48	* 115.470	* 115.470
973.000	12.6	423.69	* 115.470	* 115.470	974.000	12.6	423.90	* 115.470	* 115.470
975.000	12.6	424.11	* 115.470	* 115.470	976.000	12.6	424.32	* 115.470	* 115.470
977.000	12.6	424.53	* 115.470	* 115.470	978.000	12.6	424.74	* 115.470	* 115.470
979.000	12.6	424.95	* 115.469	* 115.469	980.000	12.6	425.16	* 115.469	* 115.469
981.000	12.6	425.37	* 115.469	* 115.469	982.000	12.6	425.58	* 115.469	* 115.469
983.000	12.6	425.79	* 115.469	* 115.469	984.000	12.6	426.00	* 115.469	* 115.469
985.000	12.6	426.21	* 115.469	* 115.469	986.000	12.6	426.42	* 115.469	* 115.469
987.000	12.6	426.64	* 115.469	* 115.469	988.000	12.6	426.85	* 115.469	* 115.469
989.000	12.6	427.06	* 115.469	* 115.469	990.000	12.6	427.27	* 115.469	* 115.469
991.000	12.6	427.48	* 115.469	* 115.469	992.000	12.6	427.69	* 115.469	* 115.469
993.000	12.6	427.90	* 115.469	* 115.469	994.000	12.6	428.11	* 115.469	* 115.469
995.000	12.6	428.32	* 115.469	* 115.469	996.000	12.6	428.53	* 115.469	* 115.469
997.000	12.6	428.74	* 115.469	* 115.469	998.000	12.6	428.95	* 115.469	* 115.469
999.000	12.6	429.16	* 115.468	* 115.468	1000.000	12.6	429.37	* 115.468	* 115.468
1001.000	12.6	429.58	* 115.468	* 115.468	1002.000	12.6	429.79	* 115.468	* 115.468

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1003.000	12.6	430.00	* 115.468	* 115.468	1004.000	12.6	430.21	* 115.468	* 115.468
1005.000	12.6	430.42	* 115.468	* 115.468	1006.000	12.6	430.63	* 115.468	* 115.468
1007.000	12.6	430.84	* 115.468	* 115.468	1008.000	12.6	431.05	* 115.468	* 115.468
1009.000	12.6	431.26	* 115.468	* 115.468	1010.000	12.6	431.47	* 115.468	* 115.468
1011.000	12.6	431.68	* 115.468	* 115.468	1012.000	12.6	431.89	* 115.468	* 115.468
1013.000	12.6	432.10	* 115.467	* 115.467	1014.000	12.6	432.31	* 115.466	* 115.466
1015.000	12.6	432.52	* 115.464	* 115.464	1016.000	12.6	432.73	* 115.463	* 115.463
1017.000	12.6	432.94	* 115.462	* 115.462	1018.000	12.6	433.15	* 115.460	* 115.460
1019.000	12.6	433.36	* 115.459	* 115.459	1020.000	12.6	433.57	* 115.457	* 115.457
1021.000	12.6	433.78	* 115.456	* 115.456	1022.000	12.6	433.99	* 115.455	* 115.455
1023.000	12.6	434.21	* 115.453	* 115.453	1024.000	12.6	434.42	* 115.452	* 115.452
1025.000	12.6	434.63	* 115.451	* 115.451	1026.000	12.6	434.84	* 115.449	* 115.449
1027.000	12.6	435.05	* 115.448	* 115.448	1028.000	12.6	435.26	* 115.446	* 115.446
1029.000	12.6	435.47	* 115.445	* 115.445	1030.000	12.6	435.68	* 115.444	* 115.444
1031.000	12.6	435.89	* 115.442	* 115.442	1032.000	12.6	436.10	* 115.441	* 115.441
1033.000	12.6	436.31	* 115.440	* 115.440	1034.000	12.6	436.52	* 115.438	* 115.438
1035.000	12.6	436.73	* 115.437	* 115.437	1036.000	12.6	436.94	* 115.436	* 115.436
1037.000	12.6	437.15	* 115.434	* 115.434	1038.000	12.6	437.36	* 115.433	* 115.433
1039.000	12.6	437.57	* 115.431	* 115.431	1040.000	12.6	437.78	* 115.430	* 115.430
1041.000	12.6	437.99	* 115.429	* 115.429	1042.000	12.6	438.20	* 115.427	* 115.427
1043.000	12.6	438.41	* 115.426	* 115.426	1044.000	12.6	438.62	* 115.425	* 115.425
1045.000	12.6	438.83	* 115.423	* 115.423	1046.000	12.6	439.04	* 115.422	* 115.422
1047.000	12.6	439.25	* 115.420	* 115.420	1048.000	12.6	439.46	* 115.419	* 115.419
1049.000	12.6	439.67	* 115.418	* 115.418	1050.000	12.6	439.88	* 115.416	* 115.416
1051.000	12.6	440.09	* 115.415	* 115.415	1052.000	12.6	440.30	* 115.414	* 115.414
1053.000	12.6	440.51	* 115.412	* 115.412	1054.000	12.6	440.72	* 115.411	* 115.411
1055.000	12.6	440.93	* 115.410	* 115.410	1056.000	12.6	441.14	* 115.408	* 115.408
1057.000	12.6	441.35	* 115.407	* 115.407	1058.000	12.6	441.57	* 115.405	* 115.405
1059.000	12.6	441.78	* 115.404	* 115.404	1060.000	12.6	441.99	* 115.403	* 115.403
1061.000	12.6	442.20	* 115.401	* 115.401	1062.000	12.6	442.41	* 115.400	* 115.400
1063.000	12.6	442.62	* 115.399	* 115.399	1064.000	12.6	442.83	* 115.397	* 115.397
1065.000	12.6	443.04	* 115.396	* 115.396	1066.000	12.6	443.25	* 115.395	* 115.395
1067.000	12.6	443.46	* 115.393	* 115.393	1068.000	12.6	443.67	* 115.392	* 115.392
1069.000	12.6	443.88	* 115.391	* 115.391	1070.000	12.6	444.09	* 115.389	* 115.389
1071.000	12.6	444.30	* 115.388	* 115.388	1072.000	12.6	444.51	* 115.386	* 115.386
1073.000	12.6	444.72	* 115.385	* 115.385	1074.000	12.6	444.93	* 115.384	* 115.384

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DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
1075.000	12.6	445.14	* 115.382	* 115.382			1076.000	12.6	445.35	* 115.381	* 115.381		
1077.000	12.6	445.56	* 115.380	* 115.380			1078.000	12.6	445.77	* 115.378	* 115.378		
1079.000	12.6	445.98	* 115.377	* 115.377			1080.000	12.6	446.19	* 115.376	* 115.376		
1081.000	12.6	446.40	* 115.374	* 115.374			1082.000	12.6	446.61	* 115.373	* 115.373		
1083.000	12.6	446.82	* 115.372	* 115.372			1084.000	12.6	447.03	* 115.370	* 115.370		
1085.000	12.6	447.24	* 115.369	* 115.369			1086.000	12.6	447.45	* 115.368	* 115.368		
1087.000	12.6	447.66	* 115.366	* 115.366			1088.000	12.6	447.87	* 115.365	* 115.365		
1089.000	12.6	448.08	* 115.364	* 115.364			1090.000	12.6	448.29	* 115.362	* 115.362		
1091.000	12.6	448.50	* 115.361	* 115.361			1092.000	12.6	448.71	* 115.360	* 115.360		
1093.000	12.6	448.93	* 115.358	* 115.358			1094.000	12.6	449.14	* 115.357	* 115.357		
1095.000	12.6	449.35	* 115.355	* 115.355			1096.000	12.6	449.56	* 115.354	* 115.354		
1097.000	12.6	449.77	* 115.353	* 115.353			1098.000	12.6	449.98	* 115.351	* 115.351		
1099.000	12.6	450.19	* 115.350	* 115.350			1100.000	12.6	450.40	* 115.349	* 115.349		
1101.000	12.6	450.61	* 115.347	* 115.347			1102.000	12.6	450.82	* 115.346	* 115.346		
1103.000	12.6	451.03	* 115.345	* 115.345			1104.000	12.6	451.24	* 115.343	* 115.343		
1105.000	12.6	451.45	* 115.342	* 115.342			1106.000	12.6	451.66	* 115.341	* 115.341		
1107.000	12.6	451.87	* 115.339	* 115.339			1108.000	12.6	452.08	* 115.338	* 115.338		
1109.000	12.6	452.29	* 115.337	* 115.337			1110.000	12.6	452.50	* 115.335	* 115.335		
1111.000	12.6	452.71	* 115.334	* 115.334			1112.000	12.6	452.92	* 115.333	* 115.333		
1113.000	12.6	453.13	* 115.331	* 115.331			1114.000	12.6	453.34	* 115.330	* 115.330		
1115.000	12.6	453.55	* 115.329	* 115.329			1116.000	12.6	453.76	* 115.327	* 115.327		
1117.000	12.6	453.97	* 115.326	* 115.326			1118.000	12.6	454.18	* 115.325	* 115.325		
1119.000	12.6	454.39	* 115.323	* 115.323			1120.000	12.6	454.60	* 115.322	* 115.322		
1121.000	12.6	454.81	* 115.321	* 115.321			1122.000	12.6	455.02	* 115.319	* 115.319		
1123.000	12.6	455.23	* 115.318	* 115.318			1124.000	12.6	455.44	* 115.317	* 115.317		
1125.000	12.6	455.65	* 115.315	* 115.315			1126.000	12.6	455.86	* 115.314	* 115.314		
1127.000	12.6	456.07	* 115.313	* 115.313			1128.000	12.6	456.28	* 115.311	* 115.311		
1129.000	12.6	456.50	* 115.310	* 115.310			1130.000	12.6	456.71	* 115.309	* 115.309		
1131.000	12.6	456.92	* 115.307	* 115.307			1132.000	12.6	457.13	* 115.306	* 115.306		
1133.000	12.6	457.34	* 115.305	* 115.305			1134.000	12.6	457.55	* 115.303	* 115.303		
1135.000	12.6	457.76	* 115.302	* 115.302			1136.000	12.6	457.97	* 115.301	* 115.301		
1137.000	12.6	458.18	* 115.299	* 115.299			1138.000	12.6	458.39	* 115.298	* 115.298		
1139.000	12.6	458.60	* 115.297	* 115.297			1140.000	12.6	458.81	* 115.295	* 115.295		
1141.000	12.6	459.02	* 115.294	* 115.294			1142.000	12.6	459.23	* 115.293	* 115.293		
1143.000	12.6	459.44	* 115.292	* 115.292			1144.000	12.6	459.65	* 115.291	* 115.291		
1145.000	12.6	459.86	* 115.290	* 115.290			1146.000	12.6	460.07	* 115.289	* 115.289		

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
1147.000	12.6	460.28	*		115.288	115.288	1148.000	12.6	460.49	*		115.287	115.287
1149.000	12.6	460.70	*		115.286	115.286	1150.000	12.6	460.91	*		115.285	115.285
1151.000	12.6	461.12	*		115.284	115.284	1152.000	12.6	461.33	*		115.283	115.283
1153.000	12.6	461.54	*		115.282	115.282	1154.000	12.6	461.75	*		115.281	115.281
1155.000	12.6	461.96	*		115.280	115.280	1156.000	12.6	462.17	*		115.279	115.279
1157.000	12.6	462.38	*		115.278	115.278	1158.000	12.6	462.59	*		115.277	115.277
1159.000	12.6	462.80	*		115.276	115.276	1160.000	12.6	463.01	*		115.275	115.275
1161.000	12.6	463.22	*		115.274	115.274	1162.000	12.6	463.43	*		115.273	115.273
1163.000	12.6	463.64	*		115.272	115.272	1164.000	12.6	463.86	*		115.271	115.271
1165.000	12.6	464.07	*		115.270	115.270	1166.000	12.6	464.28	*		115.269	115.269
1167.000	12.6	464.49	*		115.268	115.268	1168.000	12.6	464.70	*		115.267	115.267
1169.000	12.6	464.91	*		115.266	115.266	1170.000	12.6	465.12	*		115.265	115.265
1171.000	12.6	465.33	*		115.264	115.264	1172.000	12.6	465.54	*		115.263	115.263
1173.000	12.6	465.75	*		115.262	115.262	1174.000	12.6	465.96	*		115.261	115.261
1175.000	12.6	466.17	*		115.260	115.260	1176.000	12.6	466.38	*		115.259	115.259
1177.000	12.6	466.59	*		115.258	115.258	1178.000	12.6	466.80	*		115.257	115.257
1179.000	12.6	467.01	*		115.256	115.256	1180.000	12.6	467.22	*		115.256	115.256
1181.000	12.6	467.43	*		115.255	115.255	1182.000	12.6	467.64	*		115.254	115.254
1183.000	12.6	467.85	*		115.253	115.253	1184.000	12.6	468.06	*		115.252	115.252
1185.000	12.6	468.27	*		115.251	115.251	1186.000	12.6	468.48	*		115.250	115.250
1187.000	12.6	468.69	*		115.249	115.249	1188.000	12.6	468.90	*		115.248	115.248
1189.000	12.6	469.11	*		115.247	115.247	1190.000	12.6	469.32	*		115.246	115.246
1191.000	12.6	469.53	*		115.245	115.245	1192.000	12.6	469.74	*		115.244	115.244
1193.000	12.6	469.95	*		115.243	115.243	1194.000	12.6	470.16	*		115.242	115.242
1195.000	12.6	470.37	*		115.241	115.241	1196.000	12.6	470.58	*		115.240	115.240
1197.000	12.6	470.79	*		115.239	115.239	1198.000	12.6	471.00	*		115.238	115.238
1199.000	12.6	471.22	*		115.237	115.237	1200.000	12.6	471.43	*		115.236	115.236
1201.000	12.6	471.64	*		115.235	115.235	1202.000	12.6	471.85	*		115.234	115.234
1203.000	12.6	472.06	*		115.233	115.233	1204.000	12.6	472.27	*		115.232	115.232
1205.000	12.6	472.48	*		115.231	115.231	1206.000	12.6	472.69	*		115.230	115.230
1207.000	12.6	472.90	*		115.229	115.229	1208.000	12.6	473.11	*		115.228	115.228
1209.000	12.6	473.32	*		115.227	115.227	1210.000	12.6	473.53	*		115.226	115.226
1211.000	12.6	473.74	*		115.225	115.225	1212.000	12.6	473.95	*		115.224	115.224
1213.000	12.6	474.16	*		115.223	115.223	1214.000	12.6	474.37	*		115.222	115.222
1215.000	12.6	474.58	*		115.221	115.221	1216.000	12.6	474.79	*		115.220	115.220
1217.000	12.6	475.00	*		115.219	115.219	1218.000	12.6	475.21	*		115.218	115.218

Project: Clinton Flex Study  
Location: KCI  
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Engineer: Badar Hussain  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
1219.000	12.6	475.42	* 115.217	* 115.217	1220.000	12.6	475.63	* 115.216	* 115.216
1221.000	12.6	475.84	* 115.215	* 115.215	1222.000	12.6	476.05	* 115.214	* 115.214
1223.000	12.6	476.26	* 115.213	* 115.213	1224.000	12.6	476.47	* 115.212	* 115.212
1225.000	12.6	476.68	* 115.211	* 115.211	1226.000	12.6	476.89	* 115.210	* 115.210
1227.000	12.6	477.10	* 115.209	* 115.209	1228.000	12.6	477.31	* 115.208	* 115.208
1229.000	12.6	477.52	* 115.208	* 115.208	1230.000	12.6	477.73	* 115.207	* 115.207
1231.000	12.6	477.94	* 115.206	* 115.206	1232.000	12.6	478.15	* 115.205	* 115.205
1233.000	12.6	478.36	* 115.204	* 115.204	1234.000	12.6	478.58	* 115.203	* 115.203
1235.000	12.6	478.79	* 115.202	* 115.202	1236.000	12.6	479.00	* 115.201	* 115.201
1237.000	12.6	479.21	* 115.200	* 115.200	1238.000	12.6	479.42	* 115.199	* 115.199
1239.000	12.6	479.63	* 115.198	* 115.198	1240.000	12.6	479.84	* 115.197	* 115.197
1241.000	12.6	480.05	* 115.196	* 115.196	1242.000	12.6	480.26	* 115.195	* 115.195
1243.000	12.6	480.47	* 115.194	* 115.194	1244.000	12.6	480.68	* 115.193	* 115.193
1245.000	12.6	480.89	* 115.192	* 115.192	1246.000	12.6	481.10	* 115.191	* 115.191
1247.000	12.6	481.31	* 115.190	* 115.190	1248.000	12.6	481.52	* 115.189	* 115.189
1249.000	12.6	481.73	* 115.188	* 115.188	1250.000	12.6	481.94	* 115.187	* 115.187
1251.000	12.6	482.15	* 115.186	* 115.186	1252.000	12.6	482.36	* 115.185	* 115.185
1253.000	12.6	482.57	* 115.184	* 115.184	1254.000	12.6	482.78	* 115.183	* 115.183
1255.000	12.6	482.99	* 115.182	* 115.182	1256.000	12.6	483.20	* 115.181	* 115.181
1257.000	12.6	483.41	* 115.180	* 115.180	1258.000	12.6	483.62	* 115.179	* 115.179
1259.000	12.6	483.83	* 115.178	* 115.178	1260.000	12.6	484.04	* 115.177	* 115.177
1261.000	12.6	484.25	* 115.176	* 115.176	1262.000	12.6	484.46	* 115.175	* 115.175
1263.000	12.6	484.67	* 115.174	* 115.174	1264.000	12.6	484.88	* 115.173	* 115.173
1265.000	12.6	485.09	* 115.172	* 115.172	1266.000	12.6	485.30	* 115.171	* 115.171
1267.000	12.6	485.51	* 115.170	* 115.170	1268.000	12.6	485.72	* 115.169	* 115.169
1269.000	12.6	485.93	* 115.168	* 115.168	1270.000	12.6	486.15	* 115.167	* 115.167
1271.000	12.6	486.36	* 115.166	* 115.166	1272.000	12.6	486.57	* 115.165	* 115.165
1273.000	12.6	486.78	* 115.164	* 115.164	1274.000	12.6	486.99	* 115.163	* 115.163
1275.000	12.6	487.20	* 115.162	* 115.162	1276.000	12.6	487.41	* 115.161	* 115.161
1277.000	12.6	487.62	* 115.160	* 115.160	1278.000	12.6	487.83	* 115.159	* 115.159
1279.000	12.6	488.04	* 115.159	* 115.159	1280.000	12.6	488.25	* 115.158	* 115.158
1281.000	12.6	488.46	* 115.157	* 115.157	1282.000	12.6	488.67	* 115.156	* 115.156
1283.000	12.6	488.88	* 115.155	* 115.155	1284.000	12.6	489.09	* 115.154	* 115.154
1285.000	12.6	489.30	* 115.153	* 115.153	1286.000	12.6	489.51	* 115.152	* 115.152
1287.000	12.6	489.72	* 115.151	* 115.151	1288.000	12.6	489.93	* 115.150	* 115.150
1289.000	12.6	490.14	* 115.149	* 115.149	1290.000	12.6	490.35	* 115.148	* 115.148

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Engineer: Badar Hussain

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
1291.000	12.6	490.56	* 115.147	* 115.147	1292.000	12.6	490.77	* 115.146	* 115.146
1293.000	12.6	490.98	* 115.145	* 115.145	1294.000	12.6	491.19	* 115.144	* 115.144
1295.000	12.6	491.40	* 115.143	* 115.143	1296.000	12.6	491.61	* 115.142	* 115.142
1297.000	12.6	491.82	* 115.141	* 115.141	1298.000	12.6	492.03	* 115.140	* 115.140
1299.000	12.6	492.24	* 115.139	* 115.139	1300.000	12.6	492.45	* 115.138	* 115.138
1301.000	12.6	492.66	* 115.137	* 115.137	1302.000	12.6	492.87	* 115.136	* 115.136
1303.000	12.6	493.08	* 115.135	* 115.135	1304.000	12.6	493.29	* 115.134	* 115.134
1305.000	12.6	493.51	* 115.133	* 115.133	1306.000	12.6	493.72	* 115.132	* 115.132
1307.000	12.6	493.93	* 115.131	* 115.131	1308.000	12.6	494.14	* 115.130	* 115.130
1309.000	12.6	494.35	* 115.129	* 115.129	1310.000	12.6	494.56	* 115.128	* 115.128
1311.000	12.6	494.77	* 115.127	* 115.127	1312.000	12.6	494.98	* 115.126	* 115.126
1313.000	12.6	495.19	* 115.125	* 115.125	1314.000	12.6	495.40	* 115.124	* 115.124
1315.000	12.6	495.61	* 115.123	* 115.123	1316.000	12.6	495.82	* 115.122	* 115.122
1317.000	12.6	496.03	* 115.121	* 115.121	1318.000	12.6	496.24	* 115.120	* 115.120
1319.000	12.6	496.45	* 115.119	* 115.119	1320.000	12.6	496.66	* 115.118	* 115.118
1321.000	12.6	496.87	* 115.117	* 115.117	1322.000	12.6	497.08	* 115.116	* 115.116
1323.000	12.6	497.29	* 115.115	* 115.115	1324.000	12.6	497.50	* 115.114	* 115.114
1325.000	12.6	497.71	* 115.113	* 115.113	1326.000	12.6	497.92	* 115.112	* 115.112
1327.000	12.6	498.13	* 115.111	* 115.111	1328.000	12.6	498.34	* 115.111	* 115.111
1329.000	12.6	498.55	* 115.110	* 115.110	1330.000	12.6	498.76	* 115.109	* 115.109
1331.000	12.6	498.97	* 115.108	* 115.108	1332.000	12.6	499.18	* 115.107	* 115.107
1333.000	12.6	499.39	* 115.106	* 115.106	1334.000	12.6	499.60	* 115.105	* 115.105
1335.000	12.6	499.81	* 115.104	* 115.104	1336.000	12.6	500.02	* 115.103	* 115.103
1337.000	12.6	500.23	* 115.102	* 115.102	1338.000	12.6	500.44	* 115.101	* 115.101
1339.000	12.6	500.65	* 115.100	* 115.100	1340.000	12.6	500.87	* 115.099	* 115.099
1341.000	12.6	501.08	* 115.098	* 115.098	1342.000	12.6	501.29	* 115.097	* 115.097
1343.000	12.6	501.50	* 115.096	* 115.096	1344.000	12.6	501.71	* 115.095	* 115.095
1345.000	12.6	501.92	* 115.094	* 115.094	1346.000	12.6	502.13	* 115.093	* 115.093
1347.000	12.6	502.34	* 115.092	* 115.092	1348.000	12.6	502.55	* 115.091	* 115.091
1349.000	12.6	502.76	* 115.090	* 115.090	1350.000	12.6	502.97	* 115.089	* 115.089
1351.000	12.6	503.18	* 115.088	* 115.088	1352.000	12.6	503.39	* 115.087	* 115.087
1353.000	12.6	503.60	* 115.086	* 115.086	1354.000	12.6	503.81	* 115.085	* 115.085
1355.000	12.6	504.02	* 115.084	* 115.084	1356.000	12.6	504.23	* 115.083	* 115.083
1357.000	12.6	504.44	* 115.082	* 115.082	1358.000	12.6	504.65	* 115.081	* 115.081
1359.000	12.6	504.86	* 115.080	* 115.080	1360.000	12.6	505.07	* 115.079	* 115.079
1361.000	12.6	505.28	* 115.078	* 115.078	1362.000	12.6	505.49	* 115.077	* 115.077

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
1363.000	12.6	505.70	* 115.076	* 115.076			1364.000	12.6	505.91	* 115.075	* 115.075		
1365.000	12.6	506.12	* 115.074	* 115.074			1366.000	12.6	506.33	* 115.073	* 115.073		
1367.000	12.6	506.54	* 115.072	* 115.072			1368.000	12.6	506.75	* 115.071	* 115.071		
1369.000	12.6	506.96	* 115.070	* 115.070			1370.000	12.6	507.17	* 115.069	* 115.069		
1371.000	12.6	507.38	* 115.068	* 115.068			1372.000	12.6	507.59	* 115.067	* 115.067		
1373.000	12.6	507.80	* 115.066	* 115.066			1374.000	12.6	508.01	* 115.065	* 115.065		
1375.000	12.6	508.22	* 115.064	* 115.064			1376.000	12.6	508.44	* 115.063	* 115.063		
1377.000	12.6	508.65	* 115.063	* 115.063			1378.000	12.6	508.86	* 115.062	* 115.062		
1379.000	12.6	509.07	* 115.061	* 115.061			1380.000	12.6	509.28	* 115.060	* 115.060		
1381.000	12.6	509.49	* 115.059	* 115.059			1382.000	12.6	509.70	* 115.058	* 115.058		
1383.000	12.6	509.91	* 115.057	* 115.057			1384.000	12.6	510.12	* 115.056	* 115.056		
1385.000	12.6	510.33	* 115.055	* 115.055			1386.000	12.6	510.54	* 115.054	* 115.054		
1387.000	12.6	510.75	* 115.053	* 115.053			1388.000	12.6	510.96	* 115.052	* 115.052		
1389.000	12.6	511.17	* 115.051	* 115.051			1390.000	12.6	511.38	* 115.050	* 115.050		
1391.000	12.6	511.59	* 115.049	* 115.049			1392.000	12.6	511.80	* 115.048	* 115.048		
1393.000	12.6	512.01	* 115.047	* 115.047			1394.000	12.6	512.22	* 115.046	* 115.046		
1395.000	12.6	512.43	* 115.045	* 115.045			1396.000	12.6	512.64	* 115.044	* 115.044		
1397.000	12.6	512.85	* 115.043	* 115.043			1398.000	12.6	513.06	* 115.042	* 115.042		
1399.000	12.6	513.27	* 115.041	* 115.041			1400.000	12.6	513.48	* 115.040	* 115.040		
1401.000	12.6	513.69	* 115.039	* 115.039			1402.000	12.6	513.90	* 115.038	* 115.038		
1403.000	12.6	514.11	* 115.037	* 115.037			1404.000	12.6	514.32	* 115.036	* 115.036		
1405.000	12.6	514.53	* 115.035	* 115.035			1406.000	12.6	514.74	* 115.034	* 115.034		
1407.000	12.6	514.95	* 115.033	* 115.033			1408.000	12.6	515.16	* 115.032	* 115.032		
1409.000	12.6	515.37	* 115.031	* 115.031			1410.000	12.6	515.58	* 115.030	* 115.030		
1411.000	12.6	515.80	* 115.029	* 115.029			1412.000	12.6	516.01	* 115.028	* 115.028		
1413.000	12.6	516.22	* 115.027	* 115.027			1414.000	12.6	516.43	* 115.026	* 115.026		
1415.000	12.6	516.64	* 115.025	* 115.025			1416.000	12.6	516.85	* 115.024	* 115.024		
1417.000	12.6	517.06	* 115.023	* 115.023			1418.000	12.6	517.27	* 115.022	* 115.022		
1419.000	12.6	517.48	* 115.021	* 115.021			1420.000	12.6	517.69	* 115.020	* 115.020		
1421.000	12.6	517.90	* 115.019	* 115.019			1422.000	12.6	518.11	* 115.018	* 115.018		
1423.000	12.6	518.32	* 115.017	* 115.017			1424.000	12.6	518.53	* 115.016	* 115.016		
1425.000	12.6	518.74	* 115.015	* 115.015			1426.000	12.6	518.95	* 115.015	* 115.015		
1427.000	12.6	519.16	* 115.014	* 115.014			1428.000	12.6	519.37	* 115.013	* 115.013		
1429.000	12.6	519.58	* 115.012	* 115.012			1430.000	12.6	519.79	* 115.011	* 115.011		
1431.000	12.6	520.00	* 115.010	* 115.010			1432.000	12.6	520.21	* 115.009	* 115.009		
1433.000	12.6	520.42	* 115.008	* 115.008			1434.000	12.6	520.63	* 115.007	* 115.007		

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Engineer: Badar Hussain  
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Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
1435.000	12.6	520.84	* 115.006	* 115.006	1436.000	12.6	521.05	* 115.005	* 115.005
1437.000	12.6	521.26	* 115.004	* 115.004	1438.000	12.6	521.47	* 115.003	* 115.003
1439.000	12.6	521.68	* 115.002	* 115.002	1440.000	12.6	521.89	* 115.001	* 115.001
1441.000	12.6	522.10	* 115.000	* 115.000	1442.000	12.6	522.31	* 114.999	* 114.999
1443.000	12.6	522.52	* 114.998	* 114.998	1444.000	12.6	522.73	* 114.997	* 114.997
1445.000	12.6	522.94	* 114.996	* 114.996	1446.000	12.6	523.16	* 114.995	* 114.995
1447.000	12.6	523.37	* 114.994	* 114.994	1448.000	12.6	523.58	* 114.993	* 114.993
1449.000	12.6	523.79	* 114.992	* 114.992	1450.000	12.6	524.00	* 114.991	* 114.991
1451.000	12.6	524.21	* 114.990	* 114.990	1452.000	12.6	524.42	* 114.989	* 114.989
1453.000	12.6	524.63	* 114.988	* 114.988	1454.000	12.6	524.84	* 114.987	* 114.987
1455.000	12.6	525.05	* 114.986	* 114.986	1456.000	12.6	525.26	* 114.985	* 114.985
1457.000	12.6	525.47	* 114.984	* 114.984	1458.000	12.6	525.68	* 114.983	* 114.983
1459.000	12.6	525.89	* 114.982	* 114.982	1460.000	12.6	526.10	* 114.981	* 114.981
1461.000	12.6	526.31	* 114.980	* 114.980	1462.000	12.6	526.52	* 114.979	* 114.979
1463.000	12.6	526.73	* 114.978	* 114.978	1464.000	12.6	526.94	* 114.977	* 114.977
1465.000	12.6	527.15	* 114.976	* 114.976	1466.000	12.6	527.36	* 114.975	* 114.975
1467.000	12.6	527.57	* 114.974	* 114.974	1468.000	12.6	527.78	* 114.973	* 114.973
1469.000	12.6	527.99	* 114.972	* 114.972	1470.000	12.6	528.20	* 114.971	* 114.971
1471.000	12.6	528.41	* 114.970	* 114.970	1472.000	12.6	528.62	* 114.969	* 114.969
1473.000	12.6	528.83	* 114.968	* 114.968	1474.000	12.6	529.04	* 114.968	* 114.968
1475.000	12.6	529.25	* 114.966	* 114.966	1476.000	12.6	529.46	* 114.964	* 114.964
1477.000	12.6	529.67	* 114.962	* 114.962	1478.000	12.6	529.88	* 114.960	* 114.960
1479.000	12.6	530.09	* 114.958	* 114.958	1480.000	12.6	530.30	* 114.956	* 114.956
1481.000	12.6	530.52	* 114.954	* 114.954	1482.000	12.6	530.73	* 114.952	* 114.952
1483.000	12.6	530.94	* 114.949	* 114.949	1484.000	12.6	531.15	* 114.947	* 114.947
1485.000	12.6	531.36	* 114.945	* 114.945	1486.000	12.6	531.57	* 114.943	* 114.943
1487.000	12.6	531.78	* 114.941	* 114.941	1488.000	12.6	531.99	* 114.939	* 114.939
1489.000	12.6	532.20	* 114.937	* 114.937	1490.000	12.6	532.41	* 114.935	* 114.935
1491.000	12.6	532.62	* 114.933	* 114.933	1492.000	12.6	532.83	* 114.931	* 114.931
1493.000	12.6	533.04	* 114.929	* 114.929	1494.000	12.6	533.25	* 114.927	* 114.927
1495.000	12.6	533.46	* 114.924	* 114.924	1496.000	12.6	533.67	* 114.922	* 114.922
1497.000	12.6	533.88	* 114.920	* 114.920	1498.000	12.6	534.09	* 114.918	* 114.918
1499.000	12.6	534.30	* 114.916	* 114.916	1500.000	12.6	534.51	* 114.914	* 114.914
1501.000	12.6	534.72	* 114.912	* 114.912	1502.000	12.6	534.93	* 114.910	* 114.910
1503.000	12.6	535.14	* 114.908	* 114.908	1504.000	12.6	535.35	* 114.906	* 114.906
1505.000	12.6	535.56	* 114.904	* 114.904	1506.000	12.6	535.77	* 114.902	* 114.902

Project: Clinton Flex Study  
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#### DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
1507.000	12.6	535.98	*	114.900	*	114.900	1508.000	12.6	536.19	*	114.897	*	114.897
1509.000	12.6	536.40	*	114.895	*	114.895	1510.000	12.6	536.61	*	114.893	*	114.893
1511.000	12.6	536.82	*	114.891	*	114.891	1512.000	12.6	537.03	*	114.889	*	114.889
1513.000	12.6	537.24	*	114.887	*	114.887	1514.000	12.6	537.45	*	114.885	*	114.885
1515.000	12.6	537.66	*	114.883	*	114.883	1516.000	12.6	537.87	*	114.881	*	114.881
1517.000	12.6	538.09	*	114.879	*	114.879	1518.000	12.6	538.30	*	114.877	*	114.877
1519.000	12.6	538.51	*	114.875	*	114.875	1520.000	12.6	538.72	*	114.873	*	114.873
1521.000	12.6	538.93	*	114.871	*	114.871	1522.000	12.6	539.14	*	114.869	*	114.869
1523.000	12.6	539.35	*	114.867	*	114.867	1524.000	12.6	539.56	*	114.864	*	114.864
1525.000	12.6	539.77	*	114.862	*	114.862	1526.000	12.6	539.98	*	114.860	*	114.860
1527.000	12.6	540.19	*	114.858	*	114.858	1528.000	12.6	540.40	*	114.856	*	114.856
1529.000	12.6	540.61	*	114.854	*	114.854	1530.000	12.6	540.82	*	114.852	*	114.852
1531.000	12.6	541.03	*	114.850	*	114.850	1532.000	12.6	541.24	*	114.848	*	114.848
1533.000	12.6	541.45	*	114.846	*	114.846	1534.000	12.6	541.66	*	114.844	*	114.844
1535.000	12.6	541.87	*	114.842	*	114.842	1536.000	12.6	542.08	*	114.840	*	114.840
1537.000	12.6	542.29	*	114.838	*	114.838	1538.000	12.6	542.50	*	114.836	*	114.836
1539.000	12.6	542.71	*	114.834	*	114.834	1540.000	12.6	542.92	*	114.832	*	114.832
1541.000	12.6	543.13	*	114.830	*	114.830	1542.000	12.6	543.34	*	114.828	*	114.828
1543.000	12.6	543.55	*	114.826	*	114.826	1544.000	12.6	543.76	*	114.824	*	114.824
1545.000	12.6	543.97	*	114.822	*	114.822	1546.000	12.6	544.18	*	114.820	*	114.820
1547.000	12.6	544.39	*	114.818	*	114.818	1548.000	12.6	544.60	*	114.815	*	114.815
1549.000	12.6	544.81	*	114.813	*	114.813	1550.000	12.6	545.02	*	114.811	*	114.811
1551.000	12.6	545.23	*	114.809	*	114.809	1552.000	12.6	545.45	*	114.807	*	114.807
1553.000	12.6	545.66	*	114.805	*	114.805	1554.000	12.6	545.87	*	114.803	*	114.803
1555.000	12.6	546.08	*	114.801	*	114.801	1556.000	12.6	546.29	*	114.799	*	114.799
1557.000	12.6	546.50	*	114.797	*	114.797	1558.000	12.6	546.71	*	114.795	*	114.795
1559.000	12.6	546.92	*	114.793	*	114.793	1560.000	12.6	547.13	*	114.791	*	114.791
1561.000	12.6	547.34	*	114.789	*	114.789	1562.000	12.6	547.55	*	114.787	*	114.787
1563.000	12.6	547.76	*	114.785	*	114.785	1564.000	12.6	547.97	*	114.783	*	114.783
1565.000	12.6	548.18	*	114.781	*	114.781	1566.000	12.6	548.39	*	114.779	*	114.779
1567.000	12.6	548.60	*	114.777	*	114.777	1568.000	12.6	548.81	*	114.775	*	114.775
1569.000	12.6	549.02	*	114.773	*	114.773	1570.000	12.6	549.23	*	114.771	*	114.771
1571.000	12.6	549.44	*	114.769	*	114.769	1572.000	12.6	549.65	*	114.767	*	114.767
1573.000	12.6	549.86	*	114.765	*	114.765	1574.000	12.6	550.07	*	114.763	*	114.763
1575.000	12.6	550.28	*	114.761	*	114.761	1576.000	12.6	550.49	*	114.759	*	114.759
1577.000	12.6	550.70	*	114.757	*	114.757	1578.000	12.6	550.91	*	114.755	*	114.755

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
1579.000	12.6	551.12	* 114.753	* 114.753	1580.000	12.6	551.33	* 114.751	* 114.751
1581.000	12.6	551.54	* 114.749	* 114.749	1582.000	12.6	551.75	* 114.747	* 114.747
1583.000	12.6	551.96	* 114.745	* 114.745	1584.000	12.6	552.17	* 114.743	* 114.743
1585.000	12.6	552.38	* 114.741	* 114.741	1586.000	12.6	552.59	* 114.739	* 114.739
1587.000	12.6	552.81	* 114.737	* 114.737	1588.000	12.6	553.02	* 114.735	* 114.735
1589.000	12.6	553.23	* 114.733	* 114.733	1590.000	12.6	553.44	* 114.731	* 114.731
1591.000	12.6	553.65	* 114.729	* 114.729	1592.000	12.6	553.86	* 114.727	* 114.727
1593.000	12.6	554.07	* 114.725	* 114.725	1594.000	12.6	554.28	* 114.723	* 114.723
1595.000	12.6	554.49	* 114.721	* 114.721	1596.000	12.6	554.70	* 114.719	* 114.719
1597.000	12.6	554.91	* 114.717	* 114.717	1598.000	12.6	555.12	* 114.715	* 114.715
1599.000	12.6	555.33	* 114.713	* 114.713	1600.000	12.6	555.54	* 114.711	* 114.711
1601.000	12.6	555.75	* 114.709	* 114.709	1602.000	12.6	555.96	* 114.707	* 114.707
1603.000	12.6	556.17	* 114.705	* 114.705	1604.000	12.6	556.38	* 114.703	* 114.703
1605.000	12.6	556.59	* 114.701	* 114.701	1606.000	12.6	556.80	* 114.699	* 114.699
1607.000	12.6	557.01	* 114.697	* 114.697	1608.000	12.6	557.22	* 114.695	* 114.695
1609.000	12.6	557.43	* 114.693	* 114.693	1610.000	12.6	557.64	* 114.691	* 114.691
1611.000	12.6	557.85	* 114.689	* 114.689	1612.000	12.6	558.06	* 114.687	* 114.687
1613.000	12.6	558.27	* 114.685	* 114.685	1614.000	12.6	558.48	* 114.684	* 114.684
1615.000	12.6	558.69	* 114.682	* 114.682	1616.000	12.6	558.90	* 114.680	* 114.680
1617.000	12.6	559.11	* 114.678	* 114.678	1618.000	12.6	559.32	* 114.676	* 114.676
1619.000	12.6	559.53	* 114.674	* 114.674	1620.000	12.6	559.74	* 114.672	* 114.672
1621.000	12.6	559.95	* 114.670	* 114.670	1622.000	12.6	560.16	* 114.668	* 114.668
1623.000	12.6	560.38	* 114.666	* 114.666	1624.000	12.6	560.59	* 114.664	* 114.664
1625.000	12.6	560.80	* 114.662	* 114.662	1626.000	12.6	561.01	* 114.660	* 114.660
1627.000	12.6	561.22	* 114.658	* 114.658	1628.000	12.6	561.43	* 114.656	* 114.656
1629.000	12.6	561.64	* 114.654	* 114.654	1630.000	12.6	561.85	* 114.652	* 114.652
1631.000	12.6	562.06	* 114.650	* 114.650	1632.000	12.6	562.27	* 114.648	* 114.648
1633.000	12.6	562.48	* 114.646	* 114.646	1634.000	12.6	562.69	* 114.644	* 114.644
1635.000	12.6	562.90	* 114.642	* 114.642	1636.000	12.6	563.11	* 114.640	* 114.640
1637.000	12.6	563.32	* 114.638	* 114.638	1638.000	12.6	563.53	* 114.637	* 114.637
1639.000	12.6	563.74	* 114.635	* 114.635	1640.000	12.6	563.95	* 114.633	* 114.633
1641.000	12.6	564.16	* 114.631	* 114.631	1642.000	12.6	564.37	* 114.629	* 114.629
1643.000	12.6	564.58	* 114.627	* 114.627	1644.000	12.6	564.79	* 114.625	* 114.625
1645.000	12.6	565.00	* 114.623	* 114.623	1646.000	12.6	565.21	* 114.621	* 114.621
1647.000	12.6	565.42	* 114.619	* 114.619	1648.000	12.6	565.63	* 114.617	* 114.617
1649.000	12.6	565.84	* 114.615	* 114.615	1650.000	12.6	566.05	* 114.613	* 114.613

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
1651.000	12.6	566.26	* 114.611	* 114.611	1652.000	12.6	566.47	* 114.609	* 114.609
1653.000	12.6	566.68	* 114.607	* 114.607	1654.000	12.6	566.89	* 114.605	* 114.605
1655.000	12.6	567.10	* 114.604	* 114.604	1656.000	12.6	567.31	* 114.602	* 114.602
1657.000	12.6	567.52	* 114.600	* 114.600	1658.000	12.6	567.74	* 114.598	* 114.598
1659.000	12.6	567.95	* 114.596	* 114.596	1660.000	12.6	568.16	* 114.594	* 114.594
1661.000	12.6	568.37	* 114.592	* 114.592	1662.000	12.6	568.58	* 114.590	* 114.590
1663.000	12.6	568.79	* 114.588	* 114.588	1664.000	12.6	569.00	* 114.586	* 114.586
1665.000	12.6	569.21	* 114.584	* 114.584	1666.000	12.6	569.42	* 114.582	* 114.582
1667.000	12.6	569.63	* 114.580	* 114.580	1668.000	12.6	569.84	* 114.578	* 114.578
1669.000	12.6	570.05	* 114.577	* 114.577	1670.000	12.6	570.26	* 114.575	* 114.575
1671.000	12.6	570.47	* 114.573	* 114.573	1672.000	12.6	570.68	* 114.571	* 114.571
1673.000	12.6	570.89	* 114.569	* 114.569	1674.000	12.6	571.10	* 114.567	* 114.567
1675.000	12.6	571.31	* 114.565	* 114.565	1676.000	12.6	571.52	* 114.563	* 114.563
1677.000	12.6	571.73	* 114.561	* 114.561	1678.000	12.6	571.94	* 114.559	* 114.559
1679.000	12.6	572.15	* 114.557	* 114.557	1680.000	12.6	572.36	* 114.555	* 114.555
1681.000	12.6	572.57	* 114.554	* 114.554	1682.000	12.6	572.78	* 114.552	* 114.552
1683.000	12.6	572.99	* 114.550	* 114.550	1684.000	12.6	573.20	* 114.548	* 114.548
1685.000	12.6	573.41	* 114.546	* 114.546	1686.000	12.6	573.62	* 114.544	* 114.544
1687.000	12.6	573.83	* 114.542	* 114.542	1688.000	12.6	574.04	* 114.540	* 114.540
1689.000	12.6	574.25	* 114.538	* 114.538	1690.000	12.6	574.46	* 114.536	* 114.536
1691.000	12.6	574.67	* 114.535	* 114.535	1692.000	12.6	574.88	* 114.533	* 114.533
1693.000	12.6	575.10	* 114.531	* 114.531	1694.000	12.6	575.31	* 114.529	* 114.529
1695.000	12.6	575.52	* 114.527	* 114.527	1696.000	12.6	575.73	* 114.525	* 114.525
1697.000	12.6	575.94	* 114.523	* 114.523	1698.000	12.6	576.15	* 114.522	* 114.522
1699.000	12.6	576.36	* 114.522	* 114.522	1700.000	12.6	576.57	* 114.522	* 114.522
1701.000	12.6	576.78	* 114.522	* 114.522	1702.000	12.6	576.99	* 114.521	* 114.521
1703.000	12.6	577.20	* 114.521	* 114.521	1704.000	12.6	577.41	* 114.521	* 114.521
1705.000	12.6	577.62	* 114.521	* 114.521	1706.000	12.6	577.83	* 114.521	* 114.521
1707.000	12.6	578.04	* 114.520	* 114.520	1708.000	12.6	578.25	* 114.520	* 114.520
1709.000	12.6	578.46	* 114.520	* 114.520	1710.000	12.6	578.67	* 114.520	* 114.520
1711.000	12.6	578.88	* 114.519	* 114.519	1712.000	12.6	579.09	* 114.519	* 114.519
1713.000	12.6	579.30	* 114.519	* 114.519	1714.000	12.6	579.51	* 114.519	* 114.519
1715.000	12.6	579.72	* 114.519	* 114.519	1716.000	12.6	579.93	* 114.518	* 114.518
1717.000	12.6	580.14	* 114.518	* 114.518	1718.000	12.6	580.35	* 114.518	* 114.518
1719.000	12.6	580.56	* 114.518	* 114.518	1720.000	12.6	580.77	* 114.517	* 114.517
1721.000	12.6	580.98	* 114.517	* 114.517	1722.000	12.6	581.19	* 114.517	* 114.517

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#### DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1723.000	12.6	581.40	* 114.517	* 114.517	1724.000	12.6	581.61	* 114.516	* 114.516
1725.000	12.6	581.82	* 114.516	* 114.516	1726.000	12.6	582.03	* 114.516	* 114.516
1727.000	12.6	582.24	* 114.516	* 114.516	1728.000	12.6	582.46	* 114.516	* 114.516
1729.000	12.6	582.67	* 114.515	* 114.515	1730.000	12.6	582.88	* 114.515	* 114.515
1731.000	12.6	583.09	* 114.515	* 114.515	1732.000	12.6	583.30	* 114.515	* 114.515
1733.000	12.6	583.51	* 114.514	* 114.514	1734.000	12.6	583.72	* 114.514	* 114.514
1735.000	12.6	583.93	* 114.514	* 114.514	1736.000	12.6	584.14	* 114.514	* 114.514
1737.000	12.6	584.35	* 114.514	* 114.514	1738.000	12.6	584.56	* 114.513	* 114.513
1739.000	12.6	584.77	* 114.513	* 114.513	1740.000	12.6	584.98	* 114.513	* 114.513
1741.000	12.6	585.19	* 114.513	* 114.513	1742.000	12.6	585.40	* 114.512	* 114.512
1743.000	12.6	585.61	* 114.512	* 114.512	1744.000	12.6	585.82	* 114.512	* 114.512
1745.000	12.6	586.03	* 114.512	* 114.512	1746.000	12.6	586.24	* 114.511	* 114.511
1747.000	12.6	586.45	* 114.511	* 114.511	1748.000	12.6	586.66	* 114.511	* 114.511
1749.000	12.6	586.87	* 114.511	* 114.511	1750.000	12.6	587.08	* 114.511	* 114.511
1751.000	12.6	587.29	* 114.510	* 114.510	1752.000	12.6	587.50	* 114.510	* 114.510
1753.000	12.6	587.71	* 114.510	* 114.510	1754.000	12.6	587.92	* 114.510	* 114.510
1755.000	12.6	588.13	* 114.509	* 114.509	1756.000	12.6	588.34	* 114.509	* 114.509
1757.000	12.6	588.55	* 114.509	* 114.509	1758.000	12.6	588.76	* 114.509	* 114.509
1759.000	12.6	588.97	* 114.508	* 114.508	1760.000	12.6	589.18	* 114.508	* 114.508
1761.000	12.6	589.39	* 114.508	* 114.508	1762.000	12.6	589.60	* 114.508	* 114.508
1763.000	12.6	589.81	* 114.508	* 114.508	1764.000	12.6	590.03	* 114.507	* 114.507
1765.000	12.6	590.24	* 114.507	* 114.507	1766.000	12.6	590.45	* 114.507	* 114.507
1767.000	12.6	590.66	* 114.507	* 114.507	1768.000	12.6	590.87	* 114.506	* 114.506
1769.000	12.6	591.08	* 114.506	* 114.506	1770.000	12.6	591.29	* 114.506	* 114.506
1771.000	12.6	591.50	* 114.506	* 114.506	1772.000	12.6	591.71	* 114.505	* 114.505
1773.000	12.6	591.92	* 114.505	* 114.505	1774.000	12.6	592.13	* 114.505	* 114.505
1775.000	12.6	592.34	* 114.505	* 114.505	1776.000	12.6	592.55	* 114.505	* 114.505
1777.000	12.6	592.76	* 114.504	* 114.504	1778.000	12.6	592.97	* 114.504	* 114.504
1779.000	12.6	593.18	* 114.504	* 114.504	1780.000	12.6	593.39	* 114.504	* 114.504
1781.000	12.6	593.60	* 114.503	* 114.503	1782.000	12.6	593.81	* 114.503	* 114.503
1783.000	12.6	594.02	* 114.503	* 114.503	1784.000	12.6	594.23	* 114.503	* 114.503
1785.000	12.6	594.44	* 114.502	* 114.502	1786.000	12.6	594.65	* 114.502	* 114.502
1787.000	12.6	594.86	* 114.502	* 114.502	1788.000	12.6	595.07	* 114.502	* 114.502
1789.000	12.6	595.28	* 114.502	* 114.502	1790.000	12.6	595.49	* 114.501	* 114.501
1791.000	12.6	595.70	* 114.501	* 114.501	1792.000	12.6	595.91	* 114.501	* 114.501
1793.000	12.6	596.12	* 114.501	* 114.501	1794.000	12.6	596.33	* 114.500	* 114.500

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
1795.000	12.6	596.54	*		114.500	114.500	1796.000	12.6	596.75	*		114.500	114.500
1797.000	12.6	596.96	*		114.500	114.500	1798.000	12.6	597.17	*		114.499	114.499
1799.000	12.6	597.39	*		114.499	114.499	1800.000	12.6	597.60	*		114.499	114.499
1801.000	12.6	597.81	*		114.499	114.499	1802.000	12.6	598.02	*		114.498	114.498
1803.000	12.6	598.23	*		114.498	114.498	1804.000	12.6	598.44	*		114.498	114.498
1805.000	12.6	598.65	*		114.498	114.498	1806.000	12.6	598.86	*		114.498	114.498
1807.000	12.6	599.07	*		114.497	114.497	1808.000	12.6	599.28	*		114.497	114.497
1809.000	12.6	599.49	*		114.497	114.497	1810.000	12.6	599.70	*		114.497	114.497
1811.000	12.6	599.91	*		114.496	114.496	1812.000	12.6	600.12	*		114.496	114.496
1813.000	12.6	600.33	*		114.496	114.496	1814.000	12.6	600.54	*		114.496	114.496
1815.000	12.6	600.75	*		114.495	114.495	1816.000	12.6	600.96	*		114.495	114.495
1817.000	12.6	601.17	*		114.495	114.495	1818.000	12.6	601.38	*		114.495	114.495
1819.000	12.6	601.59	*		114.495	114.495	1820.000	12.6	601.80	*		114.494	114.494
1821.000	12.6	602.01	*		114.494	114.494	1822.000	12.6	602.22	*		114.494	114.494
1823.000	12.6	602.43	*		114.494	114.494	1824.000	12.6	602.64	*		114.493	114.493
1825.000	12.6	602.85	*		114.493	114.493	1826.000	12.6	603.06	*		114.493	114.493
1827.000	12.6	603.27	*		114.493	114.493	1828.000	12.6	603.48	*		114.492	114.492
1829.000	12.6	603.69	*		114.492	114.492	1830.000	12.6	603.90	*		114.492	114.492
1831.000	12.6	604.11	*		114.492	114.492	1832.000	12.6	604.32	*		114.491	114.491
1833.000	12.6	604.53	*		114.491	114.491	1834.000	12.6	604.75	*		114.491	114.491
1835.000	12.6	604.96	*		114.491	114.491	1836.000	12.6	605.17	*		114.491	114.491
1837.000	12.6	605.38	*		114.490	114.490	1838.000	12.6	605.59	*		114.490	114.490
1839.000	12.6	605.80	*		114.490	114.490	1840.000	12.6	606.01	*		114.490	114.490
1841.000	12.6	606.22	*		114.489	114.489	1842.000	12.6	606.43	*		114.489	114.489
1843.000	12.6	606.64	*		114.489	114.489	1844.000	12.6	606.85	*		114.489	114.489
1845.000	12.6	607.06	*		114.488	114.488	1846.000	12.6	607.27	*		114.488	114.488
1847.000	12.6	607.48	*		114.488	114.488	1848.000	12.6	607.69	*		114.488	114.488
1849.000	12.6	607.90	*		114.487	114.487	1850.000	12.6	608.11	*		114.487	114.487
1851.000	12.6	608.32	*		114.487	114.487	1852.000	12.6	608.53	*		114.487	114.487
1853.000	12.6	608.74	*		114.486	114.486	1854.000	12.6	608.95	*		114.486	114.486
1855.000	12.6	609.16	*		114.486	114.486	1856.000	12.6	609.37	*		114.486	114.486
1857.000	12.6	609.58	*		114.486	114.486	1858.000	12.6	609.79	*		114.485	114.485
1859.000	12.6	610.00	*		114.485	114.485	1860.000	12.6	610.21	*		114.485	114.485
1861.000	12.6	610.42	*		114.485	114.485	1862.000	12.6	610.63	*		114.484	114.484
1863.000	12.6	610.84	*		114.484	114.484	1864.000	12.6	611.05	*		114.484	114.484
1865.000	12.6	611.26	*		114.484	114.484	1866.000	12.6	611.47	*		114.483	114.483

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DIV 1 Battery 1A 48-Hour Coping Study

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Time	Current (Amp)	Discharge Capacity (Amp-Hour)	Voltage (V)		Time	Current (Amp)	Discharge Capacity (Amp-Hour)	Voltage (V)	
			V-	V+				V-	V+
1867.000	12.6	611.68	* 114.483	* 114.483	1868.000	12.6	611.89	* 114.483	* 114.483
1869.000	12.6	612.10	* 114.483	* 114.483	1870.000	12.6	612.32	* 114.482	* 114.482
1871.000	12.6	612.53	* 114.482	* 114.482	1872.000	12.6	612.74	* 114.482	* 114.482
1873.000	12.6	612.95	* 114.482	* 114.482	1874.000	12.6	613.16	* 114.481	* 114.481
1875.000	12.6	613.37	* 114.481	* 114.481	1876.000	12.6	613.58	* 114.481	* 114.481
1877.000	12.6	613.79	* 114.481	* 114.481	1878.000	12.6	614.00	* 114.481	* 114.481
1879.000	12.6	614.21	* 114.480	* 114.480	1880.000	12.6	614.42	* 114.480	* 114.480
1881.000	12.6	614.63	* 114.480	* 114.480	1882.000	12.6	614.84	* 114.480	* 114.480
1883.000	12.6	615.05	* 114.479	* 114.479	1884.000	12.6	615.26	* 114.479	* 114.479
1885.000	12.6	615.47	* 114.479	* 114.479	1886.000	12.6	615.68	* 114.479	* 114.479
1887.000	12.6	615.89	* 114.478	* 114.478	1888.000	12.6	616.10	* 114.478	* 114.478
1889.000	12.6	616.31	* 114.478	* 114.478	1890.000	12.6	616.52	* 114.478	* 114.478
1891.000	12.6	616.73	* 114.477	* 114.477	1892.000	12.6	616.94	* 114.477	* 114.477
1893.000	12.6	617.15	* 114.477	* 114.477	1894.000	12.6	617.36	* 114.477	* 114.477
1895.000	12.6	617.57	* 114.476	* 114.476	1896.000	12.6	617.78	* 114.476	* 114.476
1897.000	12.6	617.99	* 114.476	* 114.476	1898.000	12.6	618.20	* 114.476	* 114.476
1899.000	12.6	618.41	* 114.475	* 114.475	1900.000	12.6	618.62	* 114.475	* 114.475
1901.000	12.6	618.83	* 114.475	* 114.475	1902.000	12.6	619.04	* 114.475	* 114.475
1903.000	12.6	619.25	* 114.475	* 114.475	1904.000	12.6	619.46	* 114.474	* 114.474
1905.000	12.6	619.68	* 114.474	* 114.474	1906.000	12.6	619.89	* 114.474	* 114.474
1907.000	12.6	620.10	* 114.474	* 114.474	1908.000	12.6	620.31	* 114.473	* 114.473
1909.000	12.6	620.52	* 114.473	* 114.473	1910.000	12.6	620.73	* 114.473	* 114.473
1911.000	12.6	620.94	* 114.473	* 114.473	1912.000	12.6	621.15	* 114.472	* 114.472
1913.000	12.6	621.36	* 114.472	* 114.472	1914.000	12.6	621.57	* 114.472	* 114.472
1915.000	12.6	621.78	* 114.472	* 114.472	1916.000	12.6	621.99	* 114.471	* 114.471
1917.000	12.6	622.20	* 114.471	* 114.471	1918.000	12.6	622.41	* 114.471	* 114.471
1919.000	12.6	622.62	* 114.471	* 114.471	1920.000	12.6	622.83	* 114.470	* 114.470
1921.000	12.6	623.04	* 114.470	* 114.470	1922.000	12.6	623.25	* 114.470	* 114.470
1923.000	12.6	623.46	* 114.470	* 114.470	1924.000	12.6	623.67	* 114.469	* 114.469
1925.000	12.6	623.88	* 114.469	* 114.469	1926.000	12.6	624.09	* 114.469	* 114.469
1927.000	12.6	624.30	* 114.469	* 114.469	1928.000	12.6	624.51	* 114.468	* 114.468
1929.000	12.6	624.72	* 114.468	* 114.468	1930.000	12.6	624.93	* 114.468	* 114.468
1931.000	12.6	625.14	* 114.468	* 114.468	1932.000	12.6	625.35	* 114.467	* 114.467
1933.000	12.6	625.56	* 114.467	* 114.467	1934.000	12.6	625.77	* 114.467	* 114.467
1935.000	12.6	625.98	* 114.467	* 114.467	1936.000	12.6	626.19	* 114.466	* 114.466
1937.000	12.6	626.40	* 114.466	* 114.466	1938.000	12.6	626.61	* 114.466	* 114.466

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge Capacity		Voltage (V)		Time	Discharge Capacity		Voltage (V)	
	Current (Amp)	(Amp-Hour)	V-	V+		Current (Amp)	(Amp-Hour)	V-	V+
1939.000	12.6	626.82	* 114.466	* 114.466	1940.000	12.6	627.04	* 114.466	* 114.466
1941.000	12.6	627.25	* 114.465	* 114.465	1942.000	12.6	627.46	* 114.465	* 114.465
1943.000	12.6	627.67	* 114.465	* 114.465	1944.000	12.6	627.88	* 114.465	* 114.465
1945.000	12.6	628.09	* 114.464	* 114.464	1946.000	12.6	628.30	* 114.464	* 114.464
1947.000	12.6	628.51	* 114.464	* 114.464	1948.000	12.6	628.72	* 114.464	* 114.464
1949.000	12.6	628.93	* 114.463	* 114.463	1950.000	12.6	629.14	* 114.463	* 114.463
1951.000	12.6	629.35	* 114.463	* 114.463	1952.000	12.6	629.56	* 114.463	* 114.463
1953.000	12.6	629.77	* 114.462	* 114.462	1954.000	12.6	629.98	* 114.462	* 114.462
1955.000	12.6	630.19	* 114.462	* 114.462	1956.000	12.6	630.40	* 114.462	* 114.462
1957.000	12.6	630.61	* 114.461	* 114.461	1958.000	12.6	630.82	* 114.461	* 114.461
1959.000	12.6	631.03	* 114.461	* 114.461	1960.000	12.6	631.24	* 114.461	* 114.461
1961.000	12.6	631.45	* 114.460	* 114.460	1962.000	12.6	631.66	* 114.460	* 114.460
1963.000	12.6	631.87	* 114.460	* 114.460	1964.000	12.6	632.08	* 114.460	* 114.460
1965.000	12.6	632.29	* 114.459	* 114.459	1966.000	12.6	632.50	* 114.459	* 114.459
1967.000	12.6	632.71	* 114.459	* 114.459	1968.000	12.6	632.92	* 114.459	* 114.459
1969.000	12.6	633.13	* 114.458	* 114.458	1970.000	12.6	633.34	* 114.458	* 114.458
1971.000	12.6	633.55	* 114.458	* 114.458	1972.000	12.6	633.76	* 114.458	* 114.458
1973.000	12.6	633.97	* 114.457	* 114.457	1974.000	12.6	634.18	* 114.457	* 114.457
1975.000	12.6	634.40	* 114.457	* 114.457	1976.000	12.6	634.61	* 114.457	* 114.457
1977.000	12.6	634.82	* 114.456	* 114.456	1978.000	12.6	635.03	* 114.456	* 114.456
1979.000	12.6	635.24	* 114.456	* 114.456	1980.000	12.6	635.45	* 114.456	* 114.456
1981.000	12.6	635.66	* 114.455	* 114.455	1982.000	12.6	635.87	* 114.455	* 114.455
1983.000	12.6	636.08	* 114.455	* 114.455	1984.000	12.6	636.29	* 114.455	* 114.455
1985.000	12.6	636.50	* 114.454	* 114.454	1986.000	12.6	636.71	* 114.454	* 114.454
1987.000	12.6	636.92	* 114.454	* 114.454	1988.000	12.6	637.13	* 114.454	* 114.454
1989.000	12.6	637.34	* 114.453	* 114.453	1990.000	12.6	637.55	* 114.453	* 114.453
1991.000	12.6	637.76	* 114.453	* 114.453	1992.000	12.6	637.97	* 114.453	* 114.453
1993.000	12.6	638.18	* 114.452	* 114.452	1994.000	12.6	638.39	* 114.452	* 114.452
1995.000	12.6	638.60	* 114.452	* 114.452	1996.000	12.6	638.81	* 114.452	* 114.452
1997.000	12.6	639.02	* 114.451	* 114.451	1998.000	12.6	639.23	* 114.451	* 114.451
1999.000	12.6	639.44	* 114.451	* 114.451	2000.000	12.6	639.65	* 114.451	* 114.451
2001.000	12.6	639.86	* 114.450	* 114.450	2002.000	12.6	640.07	* 114.450	* 114.450
2003.000	12.6	640.28	* 114.450	* 114.450	2004.000	12.6	640.49	* 114.450	* 114.450
2005.000	12.6	640.70	* 114.449	* 114.449	2006.000	12.6	640.91	* 114.449	* 114.449
2007.000	12.6	641.12	* 114.449	* 114.449	2008.000	12.6	641.33	* 114.449	* 114.449
2009.000	12.6	641.54	* 114.448	* 114.448	2010.000	12.6	641.75	* 114.448	* 114.448

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## DIV I Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
2011.000	12.6	641.97	*		114.448	114.448	2012.000	12.6	642.18	*		114.448	114.448
2013.000	12.6	642.39	*		114.447	114.447	2014.000	12.6	642.60	*		114.447	114.447
2015.000	12.6	642.81	*		114.447	114.447	2016.000	12.6	643.02	*		114.447	114.447
2017.000	12.6	643.23	*		114.446	114.446	2018.000	12.6	643.44	*		114.446	114.446
2019.000	12.6	643.65	*		114.446	114.446	2020.000	12.6	643.86	*		114.446	114.446
2021.000	12.6	644.07	*		114.445	114.445	2022.000	12.6	644.28	*		114.445	114.445
2023.000	12.6	644.49	*		114.445	114.445	2024.000	12.6	644.70	*		114.445	114.445
2025.000	12.6	644.91	*		114.444	114.444	2026.000	12.6	645.12	*		114.444	114.444
2027.000	12.6	645.33	*		114.444	114.444	2028.000	12.6	645.54	*		114.444	114.444
2029.000	12.6	645.75	*		114.443	114.443	2030.000	12.6	645.96	*		114.443	114.443
2031.000	12.6	646.17	*		114.443	114.443	2032.000	12.6	646.38	*		114.443	114.443
2033.000	12.6	646.59	*		114.442	114.442	2034.000	12.6	646.80	*		114.442	114.442
2035.000	12.6	647.01	*		114.442	114.442	2036.000	12.6	647.22	*		114.442	114.442
2037.000	12.6	647.43	*		114.441	114.441	2038.000	12.6	647.64	*		114.441	114.441
2039.000	12.6	647.85	*		114.441	114.441	2040.000	12.6	648.06	*		114.441	114.441
2041.000	12.6	648.27	*		114.441	114.441	2042.000	12.6	648.48	*		114.441	114.441
2043.000	12.6	648.69	*		114.441	114.441	2044.000	12.6	648.90	*		114.441	114.441
2045.000	12.6	649.11	*		114.441	114.441	2046.000	12.6	649.33	*		114.441	114.441
2047.000	12.6	649.54	*		114.441	114.441	2048.000	12.6	649.75	*		114.441	114.441
2049.000	12.6	649.96	*		114.441	114.441	2050.000	12.6	650.17	*		114.441	114.441
2051.000	12.6	650.38	*		114.441	114.441	2052.000	12.6	650.59	*		114.441	114.441
2053.000	12.6	650.80	*		114.442	114.442	2054.000	12.6	651.01	*		114.442	114.442
2055.000	12.6	651.22	*		114.442	114.442	2056.000	12.6	651.43	*		114.442	114.442
2057.000	12.6	651.64	*		114.442	114.442	2058.000	12.6	651.85	*		114.442	114.442
2059.000	12.6	652.06	*		114.442	114.442	2060.000	12.6	652.27	*		114.442	114.442
2061.000	12.6	652.48	*		114.442	114.442	2062.000	12.6	652.69	*		114.442	114.442
2063.000	12.6	652.90	*		114.442	114.442	2064.000	12.6	653.11	*		114.442	114.442
2065.000	12.6	653.32	*		114.442	114.442	2066.000	12.6	653.53	*		114.442	114.442
2067.000	12.6	653.74	*		114.442	114.442	2068.000	12.6	653.95	*		114.443	114.443
2069.000	12.6	654.16	*		114.443	114.443	2070.000	12.6	654.37	*		114.443	114.443
2071.000	12.6	654.58	*		114.443	114.443	2072.000	12.6	654.79	*		114.443	114.443
2073.000	12.6	655.00	*		114.443	114.443	2074.000	12.6	655.21	*		114.443	114.443
2075.000	12.6	655.42	*		114.443	114.443	2076.000	12.6	655.63	*		114.443	114.443
2077.000	12.6	655.84	*		114.443	114.443	2078.000	12.6	656.05	*		114.443	114.443
2079.000	12.6	656.26	*		114.443	114.443	2080.000	12.6	656.47	*		114.443	114.443
2081.000	12.6	656.69	*		114.443	114.443	2082.000	12.6	656.90	*		114.443	114.443

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
2083.000	12.6	657.11	*		114.443	114.443	2084.000	12.6	657.32	*		114.444	114.444
2085.000	12.6	657.53	*		114.444	114.444	2086.000	12.6	657.74	*		114.444	114.444
2087.000	12.6	657.95	*		114.444	114.444	2088.000	12.6	658.16	*		114.444	114.444
2089.000	12.6	658.37	*		114.444	114.444	2090.000	12.6	658.58	*		114.444	114.444
2091.000	12.6	658.79	*		114.444	114.444	2092.000	12.6	659.00	*		114.444	114.444
2093.000	12.6	659.21	*		114.444	114.444	2094.000	12.6	659.42	*		114.444	114.444
2095.000	12.6	659.63	*		114.444	114.444	2096.000	12.6	659.84	*		114.444	114.444
2097.000	12.6	660.05	*		114.444	114.444	2098.000	12.6	660.26	*		114.444	114.444
2099.000	12.6	660.47	*		114.444	114.444	2100.000	12.6	660.68	*		114.445	114.445
2101.000	12.6	660.89	*		114.445	114.445	2102.000	12.6	661.10	*		114.445	114.445
2103.000	12.6	661.31	*		114.445	114.445	2104.000	12.6	661.52	*		114.445	114.445
2105.000	12.6	661.73	*		114.445	114.445	2106.000	12.6	661.94	*		114.445	114.445
2107.000	12.6	662.15	*		114.445	114.445	2108.000	12.6	662.36	*		114.445	114.445
2109.000	12.6	662.57	*		114.445	114.445	2110.000	12.6	662.78	*		114.445	114.445
2111.000	12.6	662.99	*		114.445	114.445	2112.000	12.6	663.20	*		114.445	114.445
2113.000	12.6	663.41	*		114.445	114.445	2114.000	12.6	663.62	*		114.445	114.445
2115.000	12.6	663.83	*		114.446	114.446	2116.000	12.6	664.04	*		114.446	114.446
2117.000	12.6	664.26	*		114.446	114.446	2118.000	12.6	664.47	*		114.446	114.446
2119.000	12.6	664.68	*		114.446	114.446	2120.000	12.6	664.89	*		114.446	114.446
2121.000	12.6	665.10	*		114.446	114.446	2122.000	12.6	665.31	*		114.446	114.446
2123.000	12.6	665.52	*		114.446	114.446	2124.000	12.6	665.73	*		114.446	114.446
2125.000	12.6	665.94	*		114.446	114.446	2126.000	12.6	666.15	*		114.446	114.446
2127.000	12.6	666.36	*		114.446	114.446	2128.000	12.6	666.57	*		114.446	114.446
2129.000	12.6	666.78	*		114.446	114.446	2130.000	12.6	666.99	*		114.446	114.446
2131.000	12.6	667.20	*		114.447	114.447	2132.000	12.6	667.41	*		114.447	114.447
2133.000	12.6	667.62	*		114.447	114.447	2134.000	12.6	667.83	*		114.447	114.447
2135.000	12.6	668.04	*		114.447	114.447	2136.000	12.6	668.25	*		114.447	114.447
2137.000	12.6	668.46	*		114.447	114.447	2138.000	12.6	668.67	*		114.447	114.447
2139.000	12.6	668.88	*		114.447	114.447	2140.000	12.6	669.09	*		114.447	114.447
2141.000	12.6	669.30	*		114.447	114.447	2142.000	12.6	669.51	*		114.447	114.447
2143.000	12.6	669.72	*		114.447	114.447	2144.000	12.6	669.93	*		114.447	114.447
2145.000	12.6	670.14	*		114.447	114.447	2146.000	12.6	670.35	*		114.448	114.448
2147.000	12.6	670.56	*		114.448	114.448	2148.000	12.6	670.77	*		114.448	114.448
2149.000	12.6	670.98	*		114.448	114.448	2150.000	12.6	671.19	*		114.448	114.448
2151.000	12.6	671.40	*		114.448	114.448	2152.000	12.6	671.62	*		114.448	114.448
2153.000	12.6	671.83	*		114.448	114.448	2154.000	12.6	672.04	*		114.448	114.448

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
2155.000	12.6	672.25	*		114.448	114.448	2156.000	12.6	672.46	*		114.448	114.448
2157.000	12.6	672.67	*		114.448	114.448	2158.000	12.6	672.88	*		114.448	114.448
2159.000	12.6	673.09	*		114.448	114.448	2160.000	12.6	673.30	*		114.448	114.448
2161.000	12.6	673.51	*		114.449	114.449	2162.000	12.6	673.72	*		114.449	114.449
2163.000	12.6	673.93	*		114.449	114.449	2164.000	12.6	674.14	*		114.449	114.449
2165.000	12.6	674.35	*		114.449	114.449	2166.000	12.6	674.56	*		114.449	114.449
2167.000	12.6	674.77	*		114.449	114.449	2168.000	12.6	674.98	*		114.449	114.449
2169.000	12.6	675.19	*		114.449	114.449	2170.000	12.6	675.40	*		114.449	114.449
2171.000	12.6	675.61	*		114.449	114.449	2172.000	12.6	675.82	*		114.449	114.449
2173.000	12.6	676.03	*		114.449	114.449	2174.000	12.6	676.24	*		114.449	114.449
2175.000	12.6	676.45	*		114.449	114.449	2176.000	12.6	676.66	*		114.450	114.450
2177.000	12.6	676.87	*		114.450	114.450	2178.000	12.6	677.08	*		114.450	114.450
2179.000	12.6	677.29	*		114.450	114.450	2180.000	12.6	677.50	*		114.450	114.450
2181.000	12.6	677.71	*		114.450	114.450	2182.000	12.6	677.92	*		114.450	114.450
2183.000	12.6	678.13	*		114.450	114.450	2184.000	12.6	678.34	*		114.450	114.450
2185.000	12.6	678.55	*		114.450	114.450	2186.000	12.6	678.76	*		114.450	114.450
2187.000	12.6	678.98	*		114.450	114.450	2188.000	12.6	679.19	*		114.450	114.450
2189.000	12.6	679.40	*		114.450	114.450	2190.000	12.6	679.61	*		114.450	114.450
2191.000	12.6	679.82	*		114.451	114.451	2192.000	12.6	680.03	*		114.451	114.451
2193.000	12.6	680.24	*		114.451	114.451	2194.000	12.6	680.45	*		114.451	114.451
2195.000	12.6	680.66	*		114.451	114.451	2196.000	12.6	680.87	*		114.451	114.451
2197.000	12.6	681.08	*		114.451	114.451	2198.000	12.6	681.29	*		114.451	114.451
2199.000	12.6	681.50	*		114.451	114.451	2200.000	12.6	681.71	*		114.451	114.451
2201.000	12.6	681.92	*		114.451	114.451	2202.000	12.6	682.13	*		114.451	114.451
2203.000	12.6	682.34	*		114.451	114.451	2204.000	12.6	682.55	*		114.451	114.451
2205.000	12.6	682.76	*		114.452	114.452	2206.000	12.6	682.97	*		114.452	114.452
2207.000	12.6	683.18	*		114.452	114.452	2208.000	12.6	683.39	*		114.452	114.452
2209.000	12.6	683.60	*		114.452	114.452	2210.000	12.6	683.81	*		114.452	114.452
2211.000	12.6	684.02	*		114.452	114.452	2212.000	12.6	684.23	*		114.452	114.452
2213.000	12.6	684.44	*		114.452	114.452	2214.000	12.6	684.65	*		114.452	114.452
2215.000	12.6	684.86	*		114.452	114.452	2216.000	12.6	685.07	*		114.452	114.452
2217.000	12.6	685.28	*		114.452	114.452	2218.000	12.6	685.49	*		114.452	114.452
2219.000	12.6	685.70	*		114.452	114.452	2220.000	12.6	685.91	*		114.453	114.453
2221.000	12.6	686.12	*		114.453	114.453	2222.000	12.6	686.33	*		114.453	114.453
2223.000	12.6	686.55	*		114.453	114.453	2224.000	12.6	686.76	*		114.453	114.453
2225.000	12.6	686.97	*		114.453	114.453	2226.000	12.6	687.18	*		114.453	114.453

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
2227.000	12.6	687.39	*	114.453	*	114.453	2228.000	12.6	687.60	*	114.453	*	114.453
2229.000	12.6	687.81	*	114.453	*	114.453	2230.000	12.6	688.02	*	114.453	*	114.453
2231.000	12.6	688.23	*	114.453	*	114.453	2232.000	12.6	688.44	*	114.453	*	114.453
2233.000	12.6	688.65	*	114.453	*	114.453	2234.000	12.6	688.86	*	114.453	*	114.453
2235.000	12.6	689.07	*	114.454	*	114.454	2236.000	12.6	689.28	*	114.454	*	114.454
2237.000	12.6	689.49	*	114.454	*	114.454	2238.000	12.6	689.70	*	114.454	*	114.454
2239.000	12.6	689.91	*	114.454	*	114.454	2240.000	12.6	690.12	*	114.454	*	114.454
2241.000	12.6	690.33	*	114.454	*	114.454	2242.000	12.6	690.54	*	114.454	*	114.454
2243.000	12.6	690.75	*	114.454	*	114.454	2244.000	12.6	690.96	*	114.454	*	114.454
2245.000	12.6	691.17	*	114.454	*	114.454	2246.000	12.6	691.38	*	114.454	*	114.454
2247.000	12.6	691.59	*	114.454	*	114.454	2248.000	12.6	691.80	*	114.454	*	114.454
2249.000	12.6	692.01	*	114.455	*	114.455	2250.000	12.6	692.22	*	114.455	*	114.455
2251.000	12.6	692.43	*	114.455	*	114.455	2252.000	12.6	692.64	*	114.455	*	114.455
2253.000	12.6	692.85	*	114.455	*	114.455	2254.000	12.6	693.06	*	114.455	*	114.455
2255.000	12.6	693.27	*	114.455	*	114.455	2256.000	12.6	693.48	*	114.455	*	114.455
2257.000	12.6	693.69	*	114.455	*	114.455	2258.000	12.6	693.91	*	114.455	*	114.455
2259.000	12.6	694.12	*	114.455	*	114.455	2260.000	12.6	694.33	*	114.455	*	114.455
2261.000	12.6	694.54	*	114.455	*	114.455	2262.000	12.6	694.75	*	114.455	*	114.455
2263.000	12.6	694.96	*	114.456	*	114.456	2264.000	12.6	695.17	*	114.456	*	114.456
2265.000	12.6	695.38	*	114.456	*	114.456	2266.000	12.6	695.59	*	114.456	*	114.456
2267.000	12.6	695.80	*	114.456	*	114.456	2268.000	12.6	696.01	*	114.456	*	114.456
2269.000	12.6	696.22	*	114.456	*	114.456	2270.000	12.6	696.43	*	114.456	*	114.456
2271.000	12.6	696.64	*	114.456	*	114.456	2272.000	12.6	696.85	*	114.456	*	114.456
2273.000	12.6	697.06	*	114.456	*	114.456	2274.000	12.6	697.27	*	114.456	*	114.456
2275.000	12.6	697.48	*	114.456	*	114.456	2276.000	12.6	697.69	*	114.456	*	114.456
2277.000	12.6	697.90	*	114.456	*	114.456	2278.000	12.6	698.11	*	114.457	*	114.457
2279.000	12.6	698.32	*	114.457	*	114.457	2280.000	12.6	698.53	*	114.457	*	114.457
2281.000	12.6	698.74	*	114.457	*	114.457	2282.000	12.6	698.95	*	114.457	*	114.457
2283.000	12.6	699.16	*	114.457	*	114.457	2284.000	12.6	699.37	*	114.457	*	114.457
2285.000	12.6	699.58	*	114.457	*	114.457	2286.000	12.6	699.79	*	114.457	*	114.457
2287.000	12.6	700.00	*	114.457	*	114.457	2288.000	12.6	700.21	*	114.457	*	114.457
2289.000	12.6	700.42	*	114.457	*	114.457	2290.000	12.6	700.63	*	114.457	*	114.457
2291.000	12.6	700.84	*	114.457	*	114.457	2292.000	12.6	701.05	*	114.458	*	114.458
2293.000	12.6	701.27	*	114.458	*	114.458	2294.000	12.6	701.48	*	114.458	*	114.458
2295.000	12.6	701.69	*	114.458	*	114.458	2296.000	12.6	701.90	*	114.458	*	114.458
2297.000	12.6	702.11	*	114.458	*	114.458	2298.000	12.6	702.32	*	114.458	*	114.458

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
2299.000	12.6	702.53	* 114.458	* 114.458	2300.000	12.6	702.74	* 114.458	* 114.458
2301.000	12.6	702.95	* 114.458	* 114.458	2302.000	12.6	703.16	* 114.458	* 114.458
2303.000	12.6	703.37	* 114.458	* 114.458	2304.000	12.6	703.58	* 114.458	* 114.458
2305.000	12.6	703.79	* 114.458	* 114.458	2306.000	12.6	704.00	* 114.459	* 114.459
2307.000	12.6	704.21	* 114.459	* 114.459	2308.000	12.6	704.42	* 114.459	* 114.459
2309.000	12.6	704.63	* 114.459	* 114.459	2310.000	12.6	704.84	* 114.459	* 114.459
2311.000	12.6	705.05	* 114.459	* 114.459	2312.000	12.6	705.26	* 114.459	* 114.459
2313.000	12.6	705.47	* 114.459	* 114.459	2314.000	12.6	705.68	* 114.459	* 114.459
2315.000	12.6	705.89	* 114.459	* 114.459	2316.000	12.6	706.10	* 114.459	* 114.459
2317.000	12.6	706.31	* 114.459	* 114.459	2318.000	12.6	706.52	* 114.459	* 114.459
2319.000	12.6	706.73	* 114.459	* 114.459	2320.000	12.6	706.94	* 114.460	* 114.460
2321.000	12.6	707.15	* 114.460	* 114.460	2322.000	12.6	707.36	* 114.460	* 114.460
2323.000	12.6	707.57	* 114.460	* 114.460	2324.000	12.6	707.78	* 114.460	* 114.460
2325.000	12.6	707.99	* 114.460	* 114.460	2326.000	12.6	708.20	* 114.460	* 114.460
2327.000	12.6	708.41	* 114.460	* 114.460	2328.000	12.6	708.62	* 114.460	* 114.460
2329.000	12.6	708.84	* 114.460	* 114.460	2330.000	12.6	709.05	* 114.460	* 114.460
2331.000	12.6	709.26	* 114.460	* 114.460	2332.000	12.6	709.47	* 114.460	* 114.460
2333.000	12.6	709.68	* 114.460	* 114.460	2334.000	12.6	709.89	* 114.461	* 114.461
2335.000	12.6	710.10	* 114.461	* 114.461	2336.000	12.6	710.31	* 114.461	* 114.461
2337.000	12.6	710.52	* 114.461	* 114.461	2338.000	12.6	710.73	* 114.461	* 114.461
2339.000	12.6	710.94	* 114.461	* 114.461	2340.000	12.6	711.15	* 114.461	* 114.461
2341.000	12.6	711.36	* 114.461	* 114.461	2342.000	12.6	711.57	* 114.461	* 114.461
2343.000	12.6	711.78	* 114.461	* 114.461	2344.000	12.6	711.99	* 114.461	* 114.461
2345.000	12.6	712.20	* 114.461	* 114.461	2346.000	12.6	712.41	* 114.461	* 114.461
2347.000	12.6	712.62	* 114.462	* 114.462	2348.000	12.6	712.83	* 114.462	* 114.462
2349.000	12.6	713.04	* 114.462	* 114.462	2350.000	12.6	713.25	* 114.461	* 114.461
2351.000	12.6	713.46	* 114.461	* 114.461	2352.000	12.6	713.67	* 114.461	* 114.461
2353.000	12.6	713.88	* 114.461	* 114.461	2354.000	12.6	714.09	* 114.461	* 114.461
2355.000	12.6	714.30	* 114.461	* 114.461	2356.000	12.6	714.51	* 114.461	* 114.461
2357.000	12.6	714.72	* 114.461	* 114.461	2358.000	12.6	714.93	* 114.461	* 114.461
2359.000	12.6	715.14	* 114.461	* 114.461	2360.000	12.6	715.35	* 114.461	* 114.461
2361.000	12.6	715.56	* 114.461	* 114.461	2362.000	12.6	715.77	* 114.461	* 114.461
2363.000	12.6	715.98	* 114.461	* 114.461	2364.000	12.6	716.20	* 114.461	* 114.461
2365.000	12.6	716.41	* 114.461	* 114.461	2366.000	12.6	716.62	* 114.461	* 114.461
2367.000	12.6	716.83	* 114.461	* 114.461	2368.000	12.6	717.04	* 114.461	* 114.461
2369.000	12.6	717.25	* 114.461	* 114.461	2370.000	12.6	717.46	* 114.461	* 114.461

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
2371.000	12.6	717.67	* 114.461	* 114.461	2372.000	12.6	717.88	* 114.461	* 114.461
2373.000	12.6	718.09	* 114.461	* 114.461	2374.000	12.6	718.30	* 114.461	* 114.461
2375.000	12.6	718.51	* 114.461	* 114.461	2376.000	12.6	718.72	* 114.461	* 114.461
2377.000	12.6	718.93	* 114.460	* 114.460	2378.000	12.6	719.14	* 114.460	* 114.460
2379.000	12.6	719.35	* 114.460	* 114.460	2380.000	12.6	719.56	* 114.460	* 114.460
2381.000	12.6	719.77	* 114.460	* 114.460	2382.000	12.6	719.98	* 114.460	* 114.460
2383.000	12.6	720.19	* 114.460	* 114.460	2384.000	12.6	720.40	* 114.460	* 114.460
2385.000	12.6	720.61	* 114.460	* 114.460	2386.000	12.6	720.82	* 114.460	* 114.460
2387.000	12.6	721.03	* 114.460	* 114.460	2388.000	12.6	721.24	* 114.460	* 114.460
2389.000	12.6	721.45	* 114.460	* 114.460	2390.000	12.6	721.66	* 114.460	* 114.460
2391.000	12.6	721.87	* 114.460	* 114.460	2392.000	12.6	722.08	* 114.460	* 114.460
2393.000	12.6	722.29	* 114.460	* 114.460	2394.000	12.6	722.50	* 114.460	* 114.460
2395.000	12.6	722.71	* 114.460	* 114.460	2396.000	12.6	722.92	* 114.460	* 114.460
2397.000	12.6	723.13	* 114.460	* 114.460	2398.000	12.6	723.34	* 114.460	* 114.460
2399.000	12.6	723.56	* 114.460	* 114.460	2400.000	12.6	723.77	* 114.460	* 114.460
2401.000	12.6	723.98	* 114.460	* 114.460	2402.000	12.6	724.19	* 114.460	* 114.460
2403.000	12.6	724.40	* 114.459	* 114.459	2404.000	12.6	724.61	* 114.459	* 114.459
2405.000	12.6	724.82	* 114.459	* 114.459	2406.000	12.6	725.03	* 114.459	* 114.459
2407.000	12.6	725.24	* 114.459	* 114.459	2408.000	12.6	725.45	* 114.459	* 114.459
2409.000	12.6	725.66	* 114.459	* 114.459	2410.000	12.6	725.87	* 114.459	* 114.459
2411.000	12.6	726.08	* 114.459	* 114.459	2412.000	12.6	726.29	* 114.459	* 114.459
2413.000	12.6	726.50	* 114.459	* 114.459	2414.000	12.6	726.71	* 114.459	* 114.459
2415.000	12.6	726.92	* 114.459	* 114.459	2416.000	12.6	727.13	* 114.459	* 114.459
2417.000	12.6	727.34	* 114.459	* 114.459	2418.000	12.6	727.55	* 114.459	* 114.459
2419.000	12.6	727.76	* 114.459	* 114.459	2420.000	12.6	727.97	* 114.459	* 114.459
2421.000	12.6	728.18	* 114.459	* 114.459	2422.000	12.6	728.39	* 114.459	* 114.459
2423.000	12.6	728.60	* 114.459	* 114.459	2424.000	12.6	728.81	* 114.459	* 114.459
2425.000	12.6	729.02	* 114.459	* 114.459	2426.000	12.6	729.23	* 114.459	* 114.459
2427.000	12.6	729.44	* 114.459	* 114.459	2428.000	12.6	729.65	* 114.459	* 114.459
2429.000	12.6	729.86	* 114.458	* 114.458	2430.000	12.6	730.07	* 114.458	* 114.458
2431.000	12.6	730.28	* 114.458	* 114.458	2432.000	12.6	730.49	* 114.458	* 114.458
2433.000	12.6	730.70	* 114.458	* 114.458	2434.000	12.6	730.92	* 114.458	* 114.458
2435.000	12.6	731.13	* 114.458	* 114.458	2436.000	12.6	731.34	* 114.458	* 114.458
2437.000	12.6	731.55	* 114.458	* 114.458	2438.000	12.6	731.76	* 114.458	* 114.458
2439.000	12.6	731.97	* 114.458	* 114.458	2440.000	12.6	732.18	* 114.458	* 114.458
2441.000	12.6	732.39	* 114.458	* 114.458	2442.000	12.6	732.60	* 114.458	* 114.458

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## DIV I Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
2443.000	12.6	732.81	* 114.458	* 114.458	2444.000	12.6	733.02	* 114.458	* 114.458
2445.000	12.6	733.23	* 114.458	* 114.458	2446.000	12.6	733.44	* 114.458	* 114.458
2447.000	12.6	733.65	* 114.458	* 114.458	2448.000	12.6	733.86	* 114.458	* 114.458
2449.000	12.6	734.07	* 114.458	* 114.458	2450.000	12.6	734.28	* 114.458	* 114.458
2451.000	12.6	734.49	* 114.458	* 114.458	2452.000	12.6	734.70	* 114.458	* 114.458
2453.000	12.6	734.91	* 114.458	* 114.458	2454.000	12.6	735.12	* 114.458	* 114.458
2455.000	12.6	735.33	* 114.457	* 114.457	2456.000	12.6	735.54	* 114.457	* 114.457
2457.000	12.6	735.75	* 114.457	* 114.457	2458.000	12.6	735.96	* 114.457	* 114.457
2459.000	12.6	736.17	* 114.457	* 114.457	2460.000	12.6	736.38	* 114.457	* 114.457
2461.000	12.6	736.59	* 114.457	* 114.457	2462.000	12.6	736.80	* 114.457	* 114.457
2463.000	12.6	737.01	* 114.457	* 114.457	2464.000	12.6	737.22	* 114.457	* 114.457
2465.000	12.6	737.43	* 114.457	* 114.457	2466.000	12.6	737.64	* 114.457	* 114.457
2467.000	12.6	737.85	* 114.457	* 114.457	2468.000	12.6	738.06	* 114.457	* 114.457
2469.000	12.6	738.27	* 114.457	* 114.457	2470.000	12.6	738.49	* 114.457	* 114.457
2471.000	12.6	738.70	* 114.457	* 114.457	2472.000	12.6	738.91	* 114.457	* 114.457
2473.000	12.6	739.12	* 114.457	* 114.457	2474.000	12.6	739.33	* 114.457	* 114.457
2475.000	12.6	739.54	* 114.457	* 114.457	2476.000	12.6	739.75	* 114.457	* 114.457
2477.000	12.6	739.96	* 114.457	* 114.457	2478.000	12.6	740.17	* 114.457	* 114.457
2479.000	12.6	740.38	* 114.457	* 114.457	2480.000	12.6	740.59	* 114.456	* 114.456
2481.000	12.6	740.80	* 114.456	* 114.456	2482.000	12.6	741.01	* 114.456	* 114.456
2483.000	12.6	741.22	* 114.456	* 114.456	2484.000	12.6	741.43	* 114.456	* 114.456
2485.000	12.6	741.64	* 114.456	* 114.456	2486.000	12.6	741.85	* 114.456	* 114.456
2487.000	12.6	742.06	* 114.456	* 114.456	2488.000	12.6	742.27	* 114.456	* 114.456
2489.000	12.6	742.48	* 114.456	* 114.456	2490.000	12.6	742.69	* 114.456	* 114.456
2491.000	12.6	742.90	* 114.456	* 114.456	2492.000	12.6	743.11	* 114.456	* 114.456
2493.000	12.6	743.32	* 114.456	* 114.456	2494.000	12.6	743.53	* 114.456	* 114.456
2495.000	12.6	743.74	* 114.456	* 114.456	2496.000	12.6	743.95	* 114.456	* 114.456
2497.000	12.6	744.16	* 114.456	* 114.456	2498.000	12.6	744.37	* 114.456	* 114.456
2499.000	12.6	744.58	* 114.456	* 114.456	2500.000	12.6	744.79	* 114.456	* 114.456
2501.000	12.6	745.00	* 114.456	* 114.456	2502.000	12.6	745.21	* 114.456	* 114.456
2503.000	12.6	745.42	* 114.456	* 114.456	2504.000	12.6	745.63	* 114.456	* 114.456
2505.000	12.6	745.85	* 114.455	* 114.455	2506.000	12.6	746.06	* 114.455	* 114.455
2507.000	12.6	746.27	* 114.455	* 114.455	2508.000	12.6	746.48	* 114.455	* 114.455
2509.000	12.6	746.69	* 114.455	* 114.455	2510.000	12.6	746.90	* 114.455	* 114.455
2511.000	12.6	747.11	* 114.455	* 114.455	2512.000	12.6	747.32	* 114.455	* 114.455
2513.000	12.6	747.53	* 114.455	* 114.455	2514.000	12.6	747.74	* 114.455	* 114.455

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
2515.000	12.6	747.95	* 114.455	* 114.455	2516.000	12.6	748.16	* 114.455	* 114.455
2517.000	12.6	748.37	* 114.455	* 114.455	2518.000	12.6	748.58	* 114.455	* 114.455
2519.000	12.6	748.79	* 114.455	* 114.455	2520.000	12.6	749.00	* 114.455	* 114.455
2521.000	12.6	749.21	* 114.455	* 114.455	2522.000	12.6	749.42	* 114.455	* 114.455
2523.000	12.6	749.63	* 114.455	* 114.455	2524.000	12.6	749.84	* 114.455	* 114.455
2525.000	12.6	750.05	* 114.455	* 114.455	2526.000	12.6	750.26	* 114.455	* 114.455
2527.000	12.6	750.47	* 114.455	* 114.455	2528.000	12.6	750.68	* 114.455	* 114.455
2529.000	12.6	750.89	* 114.455	* 114.455	2530.000	12.6	751.10	* 114.454	* 114.454
2531.000	12.6	751.31	* 114.454	* 114.454	2532.000	12.6	751.52	* 114.454	* 114.454
2533.000	12.6	751.73	* 114.454	* 114.454	2534.000	12.6	751.94	* 114.454	* 114.454
2535.000	12.6	752.15	* 114.454	* 114.454	2536.000	12.6	752.36	* 114.454	* 114.454
2537.000	12.6	752.57	* 114.454	* 114.454	2538.000	12.6	752.78	* 114.454	* 114.454
2539.000	12.6	752.99	* 114.454	* 114.454	2540.000	12.6	753.21	* 114.454	* 114.454
2541.000	12.6	753.42	* 114.454	* 114.454	2542.000	12.6	753.63	* 114.454	* 114.454
2543.000	12.6	753.84	* 114.454	* 114.454	2544.000	12.6	754.05	* 114.454	* 114.454
2545.000	12.6	754.26	* 114.454	* 114.454	2546.000	12.6	754.47	* 114.454	* 114.454
2547.000	12.6	754.68	* 114.454	* 114.454	2548.000	12.6	754.89	* 114.454	* 114.454
2549.000	12.6	755.10	* 114.454	* 114.454	2550.000	12.6	755.31	* 114.454	* 114.454
2551.000	12.6	755.52	* 114.454	* 114.454	2552.000	12.6	755.73	* 114.454	* 114.454
2553.000	12.6	755.94	* 114.454	* 114.454	2554.000	12.6	756.15	* 114.454	* 114.454
2555.000	12.6	756.36	* 114.453	* 114.453	2556.000	12.6	756.57	* 114.453	* 114.453
2557.000	12.6	756.78	* 114.453	* 114.453	2558.000	12.6	756.99	* 114.453	* 114.453
2559.000	12.6	757.20	* 114.453	* 114.453	2560.000	12.6	757.41	* 114.453	* 114.453
2561.000	12.6	757.62	* 114.453	* 114.453	2562.000	12.6	757.83	* 114.453	* 114.453
2563.000	12.6	758.04	* 114.453	* 114.453	2564.000	12.6	758.25	* 114.453	* 114.453
2565.000	12.6	758.46	* 114.453	* 114.453	2566.000	12.6	758.67	* 114.453	* 114.453
2567.000	12.6	758.88	* 114.453	* 114.453	2568.000	12.6	759.09	* 114.453	* 114.453
2569.000	12.6	759.30	* 114.453	* 114.453	2570.000	12.6	759.51	* 114.453	* 114.453
2571.000	12.6	759.72	* 114.453	* 114.453	2572.000	12.6	759.93	* 114.453	* 114.453
2573.000	12.6	760.14	* 114.453	* 114.453	2574.000	12.6	760.35	* 114.453	* 114.453
2575.000	12.6	760.56	* 114.453	* 114.453	2576.000	12.6	760.78	* 114.453	* 114.453
2577.000	12.6	760.99	* 114.453	* 114.453	2578.000	12.6	761.20	* 114.453	* 114.453
2579.000	12.6	761.41	* 114.452	* 114.452	2580.000	12.6	761.62	* 114.452	* 114.452
2581.000	12.6	761.83	* 114.452	* 114.452	2582.000	12.6	762.04	* 114.452	* 114.452
2583.000	12.6	762.25	* 114.452	* 114.452	2584.000	12.6	762.46	* 114.452	* 114.452
2585.000	12.6	762.67	* 114.452	* 114.452	2586.000	12.6	762.88	* 114.452	* 114.452

Project: Clinton Flex Study  
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## DIV I Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
2587.000	12.6	763.09	* 114.452	* 114.452	2588.000	12.6	763.30	* 114.452	* 114.452
2589.000	12.6	763.51	* 114.452	* 114.452	2590.000	12.6	763.72	* 114.452	* 114.452
2591.000	12.6	763.93	* 114.452	* 114.452	2592.000	12.6	764.14	* 114.452	* 114.452
2593.000	12.6	764.35	* 114.452	* 114.452	2594.000	12.6	764.56	* 114.452	* 114.452
2595.000	12.6	764.77	* 114.452	* 114.452	2596.000	12.6	764.98	* 114.452	* 114.452
2597.000	12.6	765.19	* 114.452	* 114.452	2598.000	12.6	765.40	* 114.452	* 114.452
2599.000	12.6	765.61	* 114.452	* 114.452	2600.000	12.6	765.82	* 114.452	* 114.452
2601.000	12.6	766.03	* 114.452	* 114.452	2602.000	12.6	766.24	* 114.452	* 114.452
2603.000	12.6	766.45	* 114.452	* 114.452	2604.000	12.6	766.66	* 114.451	* 114.451
2605.000	12.6	766.87	* 114.451	* 114.451	2606.000	12.6	767.08	* 114.451	* 114.451
2607.000	12.6	767.29	* 114.451	* 114.451	2608.000	12.6	767.50	* 114.451	* 114.451
2609.000	12.6	767.71	* 114.451	* 114.451	2610.000	12.6	767.92	* 114.451	* 114.451
2611.000	12.6	768.14	* 114.451	* 114.451	2612.000	12.6	768.35	* 114.451	* 114.451
2613.000	12.6	768.56	* 114.451	* 114.451	2614.000	12.6	768.77	* 114.451	* 114.451
2615.000	12.6	768.98	* 114.451	* 114.451	2616.000	12.6	769.19	* 114.451	* 114.451
2617.000	12.6	769.40	* 114.451	* 114.451	2618.000	12.6	769.61	* 114.451	* 114.451
2619.000	12.6	769.82	* 114.451	* 114.451	2620.000	12.6	770.03	* 114.451	* 114.451
2621.000	12.6	770.24	* 114.451	* 114.451	2622.000	12.6	770.45	* 114.451	* 114.451
2623.000	12.6	770.66	* 114.451	* 114.451	2624.000	12.6	770.87	* 114.451	* 114.451
2625.000	12.6	771.08	* 114.451	* 114.451	2626.000	12.6	771.29	* 114.451	* 114.451
2627.000	12.6	771.50	* 114.451	* 114.451	2628.000	12.6	771.71	* 114.450	* 114.450
2629.000	12.6	771.92	* 114.450	* 114.450	2630.000	12.6	772.13	* 114.450	* 114.450
2631.000	12.6	772.34	* 114.450	* 114.450	2632.000	12.6	772.55	* 114.450	* 114.450
2633.000	12.6	772.76	* 114.450	* 114.450	2634.000	12.6	772.97	* 114.450	* 114.450
2635.000	12.6	773.18	* 114.450	* 114.450	2636.000	12.6	773.39	* 114.450	* 114.450
2637.000	12.6	773.60	* 114.450	* 114.450	2638.000	12.6	773.81	* 114.450	* 114.450
2639.000	12.6	774.02	* 114.450	* 114.450	2640.000	12.6	774.23	* 114.450	* 114.450
2641.000	12.6	774.44	* 114.450	* 114.450	2642.000	12.6	774.65	* 114.450	* 114.450
2643.000	12.6	774.86	* 114.450	* 114.450	2644.000	12.6	775.07	* 114.450	* 114.450
2645.000	12.6	775.28	* 114.450	* 114.450	2646.000	12.6	775.50	* 114.450	* 114.450
2647.000	12.6	775.71	* 114.450	* 114.450	2648.000	12.6	775.92	* 114.450	* 114.450
2649.000	12.6	776.13	* 114.450	* 114.450	2650.000	12.6	776.34	* 114.450	* 114.450
2651.000	12.6	776.55	* 114.449	* 114.449	2652.000	12.6	776.76	* 114.449	* 114.449
2653.000	12.6	776.97	* 114.449	* 114.449	2654.000	12.6	777.18	* 114.449	* 114.449
2655.000	12.6	777.39	* 114.449	* 114.449	2656.000	12.6	777.60	* 114.449	* 114.449
2657.000	12.6	777.81	* 114.449	* 114.449	2658.000	12.6	778.02	* 114.449	* 114.449

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
2659.000	12.6	778.23	* 114.449	* 114.449	2660.000	12.6	778.44	* 114.449	* 114.449
2661.000	12.6	778.65	* 114.449	* 114.449	2662.000	12.6	778.86	* 114.449	* 114.449
2663.000	12.6	779.07	* 114.449	* 114.449	2664.000	12.6	779.28	* 114.449	* 114.449
2665.000	12.6	779.49	* 114.449	* 114.449	2666.000	12.6	779.70	* 114.449	* 114.449
2667.000	12.6	779.91	* 114.449	* 114.449	2668.000	12.6	780.12	* 114.449	* 114.449
2669.000	12.6	780.33	* 114.449	* 114.449	2670.000	12.6	780.54	* 114.449	* 114.449
2671.000	12.6	780.75	* 114.449	* 114.449	2672.000	12.6	780.96	* 114.449	* 114.449
2673.000	12.6	781.17	* 114.449	* 114.449	2674.000	12.6	781.38	* 114.449	* 114.449
2675.000	12.6	781.59	* 114.448	* 114.448	2676.000	12.6	781.80	* 114.448	* 114.448
2677.000	12.6	782.01	* 114.448	* 114.448	2678.000	12.6	782.22	* 114.448	* 114.448
2679.000	12.6	782.43	* 114.448	* 114.448	2680.000	12.6	782.64	* 114.448	* 114.448
2681.000	12.6	782.86	* 114.448	* 114.448	2682.000	12.6	783.07	* 114.448	* 114.448
2683.000	12.6	783.28	* 114.448	* 114.448	2684.000	12.6	783.49	* 114.448	* 114.448
2685.000	12.6	783.70	* 114.448	* 114.448	2686.000	12.6	783.91	* 114.448	* 114.448
2687.000	12.6	784.12	* 114.448	* 114.448	2688.000	12.6	784.33	* 114.448	* 114.448
2689.000	12.6	784.54	* 114.448	* 114.448	2690.000	12.6	784.75	* 114.448	* 114.448
2691.000	12.6	784.96	* 114.448	* 114.448	2692.000	12.6	785.17	* 114.448	* 114.448
2693.000	12.6	785.38	* 114.448	* 114.448	2694.000	12.6	785.59	* 114.448	* 114.448
2695.000	12.6	785.80	* 114.448	* 114.448	2696.000	12.6	786.01	* 114.448	* 114.448
2697.000	12.6	786.22	* 114.448	* 114.448	2698.000	12.6	786.43	* 114.447	* 114.447
2699.000	12.6	786.64	* 114.447	* 114.447	2700.000	12.6	786.85	* 114.447	* 114.447
2701.000	12.6	787.06	* 114.447	* 114.447	2702.000	12.6	787.27	* 114.447	* 114.447
2703.000	12.6	787.48	* 114.447	* 114.447	2704.000	12.6	787.69	* 114.447	* 114.447
2705.000	12.6	787.90	* 114.447	* 114.447	2706.000	12.6	788.11	* 114.447	* 114.447
2707.000	12.6	788.32	* 114.447	* 114.447	2708.000	12.6	788.53	* 114.447	* 114.447
2709.000	12.6	788.74	* 114.447	* 114.447	2710.000	12.6	788.95	* 114.447	* 114.447
2711.000	12.6	789.16	* 114.447	* 114.447	2712.000	12.6	789.37	* 114.447	* 114.447
2713.000	12.6	789.58	* 114.447	* 114.447	2714.000	12.6	789.79	* 114.447	* 114.447
2715.000	12.6	790.00	* 114.447	* 114.447	2716.000	12.6	790.21	* 114.447	* 114.447
2717.000	12.6	790.43	* 114.447	* 114.447	2718.000	12.6	790.64	* 114.447	* 114.447
2719.000	12.6	790.85	* 114.447	* 114.447	2720.000	12.6	791.06	* 114.447	* 114.447
2721.000	12.6	791.27	* 114.447	* 114.447	2722.000	12.6	791.48	* 114.446	* 114.446
2723.000	12.6	791.69	* 114.446	* 114.446	2724.000	12.6	791.90	* 114.446	* 114.446
2725.000	12.6	792.11	* 114.446	* 114.446	2726.000	12.6	792.32	* 114.446	* 114.446
2727.000	12.6	792.53	* 114.446	* 114.446	2728.000	12.6	792.74	* 114.446	* 114.446
2729.000	12.6	792.95	* 114.446	* 114.446	2730.000	12.6	793.16	* 114.446	* 114.446

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
2731.000	12.6	793.37	* 114.446	* 114.446	2732.000	12.6	793.58	* 114.446	* 114.446
2733.000	12.6	793.79	* 114.446	* 114.446	2734.000	12.6	794.00	* 114.446	* 114.446
2735.000	12.6	794.21	* 114.446	* 114.446	2736.000	12.6	794.42	* 114.446	* 114.446
2737.000	12.6	794.63	* 114.446	* 114.446	2738.000	12.6	794.84	* 114.446	* 114.446
2739.000	12.6	795.05	* 114.446	* 114.446	2740.000	12.6	795.26	* 114.446	* 114.446
2741.000	12.6	795.47	* 114.446	* 114.446	2742.000	12.6	795.68	* 114.446	* 114.446
2743.000	12.6	795.89	* 114.446	* 114.446	2744.000	12.6	796.10	* 114.445	* 114.445
2745.000	12.6	796.31	* 114.445	* 114.445	2746.000	12.6	796.52	* 114.445	* 114.445
2747.000	12.6	796.73	* 114.445	* 114.445	2748.000	12.6	796.94	* 114.445	* 114.445
2749.000	12.6	797.15	* 114.445	* 114.445	2750.000	12.6	797.36	* 114.445	* 114.445
2751.000	12.6	797.57	* 114.445	* 114.445	2752.000	12.6	797.79	* 114.445	* 114.445
2753.000	12.6	798.00	* 114.445	* 114.445	2754.000	12.6	798.21	* 114.445	* 114.445
2755.000	12.6	798.42	* 114.445	* 114.445	2756.000	12.6	798.63	* 114.445	* 114.445
2757.000	12.6	798.84	* 114.445	* 114.445	2758.000	12.6	799.05	* 114.445	* 114.445
2759.000	12.6	799.26	* 114.445	* 114.445	2760.000	12.6	799.47	* 114.445	* 114.445
2761.000	12.6	799.68	* 114.445	* 114.445	2762.000	12.6	799.89	* 114.445	* 114.445
2763.000	12.6	800.10	* 114.445	* 114.445	2764.000	12.6	800.31	* 114.445	* 114.445
2765.000	12.6	800.52	* 114.445	* 114.445	2766.000	12.6	800.73	* 114.445	* 114.445
2767.000	12.6	800.94	* 114.444	* 114.444	2768.000	12.6	801.15	* 114.444	* 114.444
2769.000	12.6	801.36	* 114.444	* 114.444	2770.000	12.6	801.57	* 114.444	* 114.444
2771.000	12.6	801.78	* 114.444	* 114.444	2772.000	12.6	801.99	* 114.444	* 114.444
2773.000	12.6	802.20	* 114.444	* 114.444	2774.000	12.6	802.41	* 114.444	* 114.444
2775.000	12.6	802.62	* 114.444	* 114.444	2776.000	12.6	802.83	* 114.444	* 114.444
2777.000	12.6	803.04	* 114.444	* 114.444	2778.000	12.6	803.25	* 114.444	* 114.444
2779.000	12.6	803.46	* 114.444	* 114.444	2780.000	12.6	803.67	* 114.444	* 114.444
2781.000	12.6	803.88	* 114.444	* 114.444	2782.000	12.6	804.09	* 114.444	* 114.444
2783.000	12.6	804.30	* 114.444	* 114.444	2784.000	12.6	804.51	* 114.444	* 114.444
2785.000	12.6	804.72	* 114.444	* 114.444	2786.000	12.6	804.93	* 114.444	* 114.444
2787.000	12.6	805.15	* 114.444	* 114.444	2788.000	12.6	805.36	* 114.444	* 114.444
2789.000	12.6	805.57	* 114.444	* 114.444	2790.000	12.6	805.78	* 114.443	* 114.443
2791.000	12.6	805.99	* 114.443	* 114.443	2792.000	12.6	806.20	* 114.443	* 114.443
2793.000	12.6	806.41	* 114.443	* 114.443	2794.000	12.6	806.62	* 114.443	* 114.443
2795.000	12.6	806.83	* 114.443	* 114.443	2796.000	12.6	807.04	* 114.443	* 114.443
2797.000	12.6	807.25	* 114.443	* 114.443	2798.000	12.6	807.46	* 114.443	* 114.443
2799.000	12.6	807.67	* 114.443	* 114.443	2800.000	12.6	807.88	* 114.443	* 114.443
2801.000	12.6	808.09	* 114.443	* 114.443	2802.000	12.6	808.30	* 114.443	* 114.443

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
2803.000	12.6	808.51	*		114.443	114.443	2804.000	12.6	808.72	*		114.443	114.443
2805.000	12.6	808.93	*		114.443	114.443	2806.000	12.6	809.14	*		114.443	114.443
2807.000	12.6	809.35	*		114.443	114.443	2808.000	12.6	809.56	*		114.443	114.443
2809.000	12.6	809.77	*		114.443	114.443	2810.000	12.6	809.98	*		114.443	114.443
2811.000	12.6	810.19	*		114.443	114.443	2812.000	12.6	810.40	*		114.442	114.442
2813.000	12.6	810.61	*		114.442	114.442	2814.000	12.6	810.82	*		114.442	114.442
2815.000	12.6	811.03	*		114.442	114.442	2816.000	12.6	811.24	*		114.442	114.442
2817.000	12.6	811.45	*		114.442	114.442	2818.000	12.6	811.66	*		114.442	114.442
2819.000	12.6	811.87	*		114.442	114.442	2820.000	12.6	812.08	*		114.442	114.442
2821.000	12.6	812.29	*		114.442	114.442	2822.000	12.6	812.50	*		114.442	114.442
2823.000	12.6	812.72	*		114.442	114.442	2824.000	12.6	812.93	*		114.442	114.442
2825.000	12.6	813.14	*		114.442	114.442	2826.000	12.6	813.35	*		114.442	114.442
2827.000	12.6	813.56	*		114.442	114.442	2828.000	12.6	813.77	*		114.442	114.442
2829.000	12.6	813.98	*		114.442	114.442	2830.000	12.6	814.19	*		114.442	114.442
2831.000	12.6	814.40	*		114.442	114.442	2832.000	12.6	814.61	*		114.442	114.442
2833.000	12.6	814.82	*		114.442	114.442	2834.000	12.6	815.03	*		114.441	114.441
2835.000	12.6	815.24	*		114.441	114.441	2836.000	12.6	815.45	*		114.441	114.441
2837.000	12.6	815.66	*		114.441	114.441	2838.000	12.6	815.87	*		114.441	114.441
2839.000	12.6	816.08	*		114.441	114.441	2840.000	12.6	816.29	*		114.441	114.441
2841.000	12.6	816.50	*		114.441	114.441	2842.000	12.6	816.71	*		114.441	114.441
2843.000	12.6	816.92	*		114.441	114.441	2844.000	12.6	817.13	*		114.441	114.441
2845.000	12.6	817.34	*		114.441	114.441	2846.000	12.6	817.55	*		114.441	114.441
2847.000	12.6	817.76	*		114.441	114.441	2848.000	12.6	817.97	*		114.441	114.441
2849.000	12.6	818.18	*		114.441	114.441	2850.000	12.6	818.39	*		114.441	114.441
2851.000	12.6	818.60	*		114.441	114.441	2852.000	12.6	818.81	*		114.441	114.441
2853.000	12.6	819.02	*		114.441	114.441	2854.000	12.6	819.23	*		114.441	114.441
2855.000	12.6	819.44	*		114.441	114.441	2856.000	12.6	819.65	*		114.440	114.440
2857.000	12.6	819.86	*		114.440	114.440	2858.000	12.6	820.08	*		114.440	114.440
2859.000	12.6	820.29	*		114.440	114.440	2860.000	12.6	820.50	*		114.440	114.440
2861.000	12.6	820.71	*		114.440	114.440	2862.000	12.6	820.92	*		114.440	114.440
2863.000	12.6	821.13	*		114.440	114.440	2864.000	12.6	821.34	*		114.440	114.440
2865.000	12.6	821.55	*		114.440	114.440	2866.000	12.6	821.76	*		114.440	114.440
2867.000	12.6	821.97	*		114.440	114.440	2868.000	12.6	822.18	*		114.440	114.440
2869.000	12.6	822.39	*		114.440	114.440	2870.000	12.6	822.60	*		114.440	114.440
2871.000	12.6	822.81	*		114.440	114.440	2872.000	12.6	823.02	*		114.440	114.440
2873.000	12.6	823.23	*		114.440	114.440	2874.000	12.6	823.44	*		114.440	114.440

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
2875.000	12.6	823.65	* 114.440	* 114.440	2876.000	12.6	823.86	* 114.440	* 114.440
2877.000	12.6	824.07	* 114.440	* 114.440	2878.000	12.6	824.28	* 114.439	* 114.439
2879.000	12.6	824.49	* 114.439	* 114.439	2880.000	12.6	824.70	* 114.439	* 114.439
2881.000	12.6	824.91	* 114.439	* 114.439	2882.000	12.6	825.12	* 114.439	* 114.439
2883.000	12.6	825.33	* 114.439	* 114.439	2884.000	12.6	825.54	* 114.439	* 114.439
2885.000	12.6	825.75	* 114.439	* 114.439	2886.000	12.6	825.96	* 114.439	* 114.439
2887.000	12.6	826.17	* 114.439	* 114.439	2888.000	12.6	826.38	* 114.439	* 114.439
2889.000	12.6	826.59	* 114.439	* 114.439	2890.000	12.6	826.80	* 114.439	* 114.439
2891.000	12.6	827.01	* 114.439	* 114.439	2892.000	12.6	827.22	* 114.439	* 114.439
2893.000	12.6	827.44	* 114.439	* 114.439	2894.000	12.6	827.65	* 114.439	* 114.439
2895.000	12.6	827.86	* 114.439	* 114.439	2896.000	12.6	828.07	* 114.439	* 114.439
2897.000	12.6	828.28	* 114.439	* 114.439	2898.000	12.6	828.49	* 114.439	* 114.439
2899.000	12.6	828.70	* 114.439	* 114.439	2900.000	12.6	828.91	* 114.438	* 114.438
2901.000	12.6	829.12	* 114.438	* 114.438	2902.000	12.6	829.33	* 114.438	* 114.438
2903.000	12.6	829.54	* 114.438	* 114.438	2904.000	12.6	829.75	* 114.438	* 114.438
2905.000	12.6	829.96	* 114.438	* 114.438	2906.000	12.6	830.17	* 114.438	* 114.438
2907.000	12.6	830.38	* 114.438	* 114.438	2908.000	12.6	830.59	* 114.438	* 114.438
2909.000	12.6	830.80	* 114.438	* 114.438	2910.000	12.6	831.01	* 114.438	* 114.438
2911.000	12.6	831.22	* 114.438	* 114.438	2912.000	12.6	831.43	* 114.438	* 114.438
2913.000	12.6	831.64	* 114.438	* 114.438	2914.000	12.6	831.85	* 114.438	* 114.438
2915.000	12.6	832.06	* 114.438	* 114.438	2916.000	12.6	832.27	* 114.438	* 114.438
2917.000	12.6	832.48	* 114.438	* 114.438	2918.000	12.6	832.69	* 114.438	* 114.438
2919.000	12.6	832.90	* 114.438	* 114.438	2920.000	12.6	833.11	* 114.438	* 114.438
2921.000	12.6	833.32	* 114.437	* 114.437	2922.000	12.6	833.53	* 114.437	* 114.437
2923.000	12.6	833.74	* 114.437	* 114.437	2924.000	12.6	833.95	* 114.437	* 114.437
2925.000	12.6	834.16	* 114.437	* 114.437	2926.000	12.6	834.37	* 114.437	* 114.437
2927.000	12.6	834.58	* 114.437	* 114.437	2928.000	12.6	834.79	* 114.437	* 114.437
2929.000	12.6	835.01	* 114.437	* 114.437	2930.000	12.6	835.22	* 114.437	* 114.437
2931.000	12.6	835.43	* 114.437	* 114.437	2932.000	12.6	835.64	* 114.437	* 114.437
2933.000	12.6	835.85	* 114.437	* 114.437	2934.000	12.6	836.06	* 114.437	* 114.437
2935.000	12.6	836.27	* 114.437	* 114.437	2936.000	12.6	836.48	* 114.437	* 114.437
2937.000	12.6	836.69	* 114.437	* 114.437	2938.000	12.6	836.90	* 114.437	* 114.437
2939.000	12.6	837.11	* 114.437	* 114.437	2940.000	12.6	837.32	* 114.437	* 114.437
2941.000	12.6	837.53	* 114.437	* 114.437	2942.000	12.6	837.74	* 114.436	* 114.436
2943.000	12.6	837.95	* 114.436	* 114.436	2944.000	12.6	838.16	* 114.436	* 114.436
2945.000	12.6	838.37	* 114.436	* 114.436	2946.000	12.6	838.58	* 114.436	* 114.436

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
2947.000	12.6	838.79	*	114.436	*	114.436	2948.000	12.6	839.00	*	114.436	*	114.436
2949.000	12.6	839.21	*	114.436	*	114.436	2950.000	12.6	839.42	*	114.436	*	114.436
2951.000	12.6	839.63	*	114.436	*	114.436	2952.000	12.6	839.84	*	114.436	*	114.436
2953.000	12.6	840.05	*	114.436	*	114.436	2954.000	12.6	840.26	*	114.436	*	114.436
2955.000	12.6	840.47	*	114.436	*	114.436	2956.000	12.6	840.68	*	114.436	*	114.436
2957.000	12.6	840.89	*	114.436	*	114.436	2958.000	12.6	841.10	*	114.436	*	114.436
2959.000	12.6	841.31	*	114.436	*	114.436	2960.000	12.6	841.52	*	114.436	*	114.436
2961.000	12.6	841.73	*	114.436	*	114.436	2962.000	12.6	841.94	*	114.436	*	114.436
2963.000	12.6	842.15	*	114.435	*	114.435	2964.000	12.6	842.37	*	114.435	*	114.435
2965.000	12.6	842.58	*	114.435	*	114.435	2966.000	12.6	842.79	*	114.435	*	114.435
2967.000	12.6	843.00	*	114.435	*	114.435	2968.000	12.6	843.21	*	114.435	*	114.435
2969.000	12.6	843.42	*	114.435	*	114.435	2970.000	12.6	843.63	*	114.435	*	114.435
2971.000	12.6	843.84	*	114.435	*	114.435	2972.000	12.6	844.05	*	114.435	*	114.435
2973.000	12.6	844.26	*	114.435	*	114.435	2974.000	12.6	844.47	*	114.435	*	114.435
2975.000	12.6	844.68	*	114.435	*	114.435	2976.000	12.6	844.89	*	114.435	*	114.435
2977.000	12.6	845.10	*	114.435	*	114.435	2978.000	12.6	845.31	*	114.435	*	114.435
2979.000	12.6	845.52	*	114.435	*	114.435	2980.000	12.6	845.73	*	114.435	*	114.435
2981.000	12.6	845.94	*	114.435	*	114.435	2982.000	12.6	846.15	*	114.435	*	114.435
2983.000	12.6	846.36	*	114.435	*	114.435	2984.000	12.6	846.57	*	114.434	*	114.434
2985.000	12.6	846.78	*	114.434	*	114.434	2986.000	12.6	846.99	*	114.434	*	114.434
2987.000	12.6	847.20	*	114.434	*	114.434	2988.000	12.6	847.41	*	114.434	*	114.434
2989.000	12.6	847.62	*	114.434	*	114.434	2990.000	12.6	847.83	*	114.434	*	114.434
2991.000	12.6	848.04	*	114.434	*	114.434	2992.000	12.6	848.25	*	114.434	*	114.434
2993.000	12.6	848.46	*	114.434	*	114.434	2994.000	12.6	848.67	*	114.434	*	114.434
2995.000	12.6	848.88	*	114.434	*	114.434	2996.000	12.6	849.09	*	114.434	*	114.434
2997.000	12.6	849.30	*	114.434	*	114.434	2998.000	12.6	849.51	*	114.434	*	114.434
2999.000	12.6	849.73	*	114.434	*	114.434	3000.000	12.6	849.94	*	114.434	*	114.434
3001.000	12.6	850.15	*	114.434	*	114.434	3002.000	12.6	850.36	*	114.434	*	114.434
3003.000	12.6	850.57	*	114.434	*	114.434	3004.000	12.6	850.78	*	114.433	*	114.433
3005.000	12.6	850.99	*	114.433	*	114.433	3006.000	12.6	851.20	*	114.433	*	114.433
3007.000	12.6	851.41	*	114.433	*	114.433	3008.000	12.6	851.62	*	114.433	*	114.433
3009.000	12.6	851.83	*	114.433	*	114.433	3010.000	12.6	852.04	*	114.433	*	114.433
3011.000	12.6	852.25	*	114.433	*	114.433	3012.000	12.6	852.46	*	114.433	*	114.433
3013.000	12.6	852.67	*	114.433	*	114.433	3014.000	12.6	852.88	*	114.433	*	114.433
3015.000	12.6	853.09	*	114.433	*	114.433	3016.000	12.6	853.30	*	114.433	*	114.433
3017.000	12.6	853.51	*	114.433	*	114.433	3018.000	12.6	853.72	*	114.433	*	114.433

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
3019.000	12.6	853.93	*	114.433	*	114.433	3020.000	12.6	854.14	*	114.433	*	114.433
3021.000	12.6	854.35	*	114.433	*	114.433	3022.000	12.6	854.56	*	114.432	*	114.432
3023.000	12.6	854.77	*	114.431	*	114.431	3024.000	12.6	854.98	*	114.431	*	114.431
3025.000	12.6	855.19	*	114.430	*	114.430	3026.000	12.6	855.40	*	114.429	*	114.429
3027.000	12.6	855.61	*	114.429	*	114.429	3028.000	12.6	855.82	*	114.428	*	114.428
3029.000	12.6	856.03	*	114.427	*	114.427	3030.000	12.6	856.24	*	114.426	*	114.426
3031.000	12.6	856.45	*	114.426	*	114.426	3032.000	12.6	856.66	*	114.425	*	114.425
3033.000	12.6	856.87	*	114.424	*	114.424	3034.000	12.6	857.09	*	114.424	*	114.424
3035.000	12.6	857.30	*	114.423	*	114.423	3036.000	12.6	857.51	*	114.422	*	114.422
3037.000	12.6	857.72	*	114.422	*	114.422	3038.000	12.6	857.93	*	114.421	*	114.421
3039.000	12.6	858.14	*	114.420	*	114.420	3040.000	12.6	858.35	*	114.419	*	114.419
3041.000	12.6	858.56	*	114.419	*	114.419	3042.000	12.6	858.77	*	114.418	*	114.418
3043.000	12.6	858.98	*	114.417	*	114.417	3044.000	12.6	859.19	*	114.417	*	114.417
3045.000	12.6	859.40	*	114.416	*	114.416	3046.000	12.6	859.61	*	114.415	*	114.415
3047.000	12.6	859.82	*	114.414	*	114.414	3048.000	12.6	860.03	*	114.414	*	114.414
3049.000	12.6	860.24	*	114.413	*	114.413	3050.000	12.6	860.45	*	114.412	*	114.412
3051.000	12.6	860.66	*	114.412	*	114.412	3052.000	12.6	860.87	*	114.411	*	114.411
3053.000	12.6	861.08	*	114.410	*	114.410	3054.000	12.6	861.29	*	114.410	*	114.410
3055.000	12.6	861.50	*	114.409	*	114.409	3056.000	12.6	861.71	*	114.408	*	114.408
3057.000	12.6	861.92	*	114.407	*	114.407	3058.000	12.6	862.13	*	114.407	*	114.407
3059.000	12.6	862.34	*	114.406	*	114.406	3060.000	12.6	862.55	*	114.405	*	114.405
3061.000	12.6	862.76	*	114.405	*	114.405	3062.000	12.6	862.97	*	114.404	*	114.404
3063.000	12.6	863.18	*	114.403	*	114.403	3064.000	12.6	863.39	*	114.402	*	114.402
3065.000	12.6	863.60	*	114.402	*	114.402	3066.000	12.6	863.81	*	114.401	*	114.401
3067.000	12.6	864.02	*	114.400	*	114.400	3068.000	12.6	864.23	*	114.400	*	114.400
3069.000	12.6	864.44	*	114.399	*	114.399	3070.000	12.6	864.66	*	114.398	*	114.398
3071.000	12.6	864.87	*	114.397	*	114.397	3072.000	12.6	865.08	*	114.397	*	114.397
3073.000	12.6	865.29	*	114.396	*	114.396	3074.000	12.6	865.50	*	114.395	*	114.395
3075.000	12.6	865.71	*	114.395	*	114.395	3076.000	12.6	865.92	*	114.394	*	114.394
3077.000	12.6	866.13	*	114.393	*	114.393	3078.000	12.6	866.34	*	114.392	*	114.392
3079.000	12.6	866.55	*	114.392	*	114.392	3080.000	12.6	866.76	*	114.391	*	114.391
3081.000	12.6	866.97	*	114.390	*	114.390	3082.000	12.6	867.18	*	114.390	*	114.390
3083.000	12.6	867.39	*	114.389	*	114.389	3084.000	12.6	867.60	*	114.388	*	114.388
3085.000	12.6	867.81	*	114.388	*	114.388	3086.000	12.6	868.02	*	114.387	*	114.387
3087.000	12.6	868.23	*	114.386	*	114.386	3088.000	12.6	868.44	*	114.385	*	114.385
3089.000	12.6	868.65	*	114.385	*	114.385	3090.000	12.6	868.86	*	114.384	*	114.384

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## DIV I Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
3091.000	12.6	869.07	* 114.383	* 114.383	3092.000	12.6	869.28	* 114.383	* 114.383
3093.000	12.6	869.49	* 114.382	* 114.382	3094.000	12.6	869.70	* 114.381	* 114.381
3095.000	12.6	869.91	* 114.380	* 114.380	3096.000	12.6	870.12	* 114.380	* 114.380
3097.000	12.6	870.33	* 114.379	* 114.379	3098.000	12.6	870.54	* 114.378	* 114.378
3099.000	12.6	870.75	* 114.378	* 114.378	3100.000	12.6	870.96	* 114.377	* 114.377
3101.000	12.6	871.17	* 114.376	* 114.376	3102.000	12.6	871.38	* 114.375	* 114.375
3103.000	12.6	871.59	* 114.375	* 114.375	3104.000	12.6	871.80	* 114.374	* 114.374
3105.000	12.6	872.02	* 114.373	* 114.373	3106.000	12.6	872.23	* 114.373	* 114.373
3107.000	12.6	872.44	* 114.372	* 114.372	3108.000	12.6	872.65	* 114.371	* 114.371
3109.000	12.6	872.86	* 114.370	* 114.370	3110.000	12.6	873.07	* 114.370	* 114.370
3111.000	12.6	873.28	* 114.369	* 114.369	3112.000	12.6	873.49	* 114.368	* 114.368
3113.000	12.6	873.70	* 114.368	* 114.368	3114.000	12.6	873.91	* 114.367	* 114.367
3115.000	12.6	874.12	* 114.366	* 114.366	3116.000	12.6	874.33	* 114.365	* 114.365
3117.000	12.6	874.54	* 114.365	* 114.365	3118.000	12.6	874.75	* 114.364	* 114.364
3119.000	12.6	874.96	* 114.363	* 114.363	3120.000	12.6	875.17	* 114.363	* 114.363
3121.000	12.6	875.38	* 114.362	* 114.362	3122.000	12.6	875.59	* 114.361	* 114.361
3123.000	12.6	875.80	* 114.360	* 114.360	3124.000	12.6	876.01	* 114.360	* 114.360
3125.000	12.6	876.22	* 114.359	* 114.359	3126.000	12.6	876.43	* 114.358	* 114.358
3127.000	12.6	876.64	* 114.358	* 114.358	3128.000	12.6	876.85	* 114.357	* 114.357
3129.000	12.6	877.06	* 114.356	* 114.356	3130.000	12.6	877.27	* 114.355	* 114.355
3131.000	12.6	877.48	* 114.355	* 114.355	3132.000	12.6	877.69	* 114.354	* 114.354
3133.000	12.6	877.90	* 114.353	* 114.353	3134.000	12.6	878.11	* 114.353	* 114.353
3135.000	12.6	878.32	* 114.352	* 114.352	3136.000	12.6	878.53	* 114.351	* 114.351
3137.000	12.6	878.74	* 114.350	* 114.350	3138.000	12.6	878.95	* 114.350	* 114.350
3139.000	12.6	879.16	* 114.349	* 114.349	3140.000	12.6	879.38	* 114.348	* 114.348
3141.000	12.6	879.59	* 114.348	* 114.348	3142.000	12.6	879.80	* 114.347	* 114.347
3143.000	12.6	880.01	* 114.346	* 114.346	3144.000	12.6	880.22	* 114.345	* 114.345
3145.000	12.6	880.43	* 114.345	* 114.345	3146.000	12.6	880.64	* 114.344	* 114.344
3147.000	12.6	880.85	* 114.343	* 114.343	3148.000	12.6	881.06	* 114.343	* 114.343
3149.000	12.6	881.27	* 114.342	* 114.342	3150.000	12.6	881.48	* 114.341	* 114.341
3151.000	12.6	881.69	* 114.340	* 114.340	3152.000	12.6	881.90	* 114.340	* 114.340
3153.000	12.6	882.11	* 114.339	* 114.339	3154.000	12.6	882.32	* 114.338	* 114.338
3155.000	12.6	882.53	* 114.338	* 114.338	3156.000	12.6	882.74	* 114.337	* 114.337
3157.000	12.6	882.95	* 114.336	* 114.336	3158.000	12.6	883.16	* 114.335	* 114.335
3159.000	12.6	883.37	* 114.335	* 114.335	3160.000	12.6	883.58	* 114.334	* 114.334
3161.000	12.6	883.79	* 114.333	* 114.333	3162.000	12.6	884.00	* 114.333	* 114.333

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DIV I Battery 1A 48-Hour Coping Study

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
3163.000	12.6	884.21	*		114.332	114.332	3164.000	12.6	884.42	*		114.331	114.331
3165.000	12.6	884.63	*		114.330	114.330	3166.000	12.6	884.84	*		114.330	114.330
3167.000	12.6	885.05	*		114.329	114.329	3168.000	12.6	885.26	*		114.328	114.328
3169.000	12.6	885.47	*		114.328	114.328	3170.000	12.6	885.68	*		114.327	114.327
3171.000	12.6	885.89	*		114.326	114.326	3172.000	12.6	886.10	*		114.325	114.325
3173.000	12.6	886.31	*		114.325	114.325	3174.000	12.6	886.52	*		114.324	114.324
3175.000	12.6	886.73	*		114.323	114.323	3176.000	12.6	886.95	*		114.323	114.323
3177.000	12.6	887.16	*		114.322	114.322	3178.000	12.6	887.37	*		114.321	114.321
3179.000	12.6	887.58	*		114.320	114.320	3180.000	12.6	887.79	*		114.320	114.320
3181.000	12.6	888.00	*		114.319	114.319	3182.000	12.6	888.21	*		114.318	114.318
3183.000	12.6	888.42	*		114.318	114.318	3184.000	12.6	888.63	*		114.317	114.317
3185.000	12.6	888.84	*		114.316	114.316	3186.000	12.6	889.05	*		114.315	114.315
3187.000	12.6	889.26	*		114.315	114.315	3188.000	12.6	889.47	*		114.314	114.314
3189.000	12.6	889.68	*		114.313	114.313	3190.000	12.6	889.89	*		114.313	114.313
3191.000	12.6	890.10	*		114.312	114.312	3192.000	12.6	890.31	*		114.311	114.311
3193.000	12.6	890.52	*		114.310	114.310	3194.000	12.6	890.73	*		114.310	114.310
3195.000	12.6	890.94	*		114.309	114.309	3196.000	12.6	891.15	*		114.308	114.308
3197.000	12.6	891.36	*		114.307	114.307	3198.000	12.6	891.57	*		114.307	114.307
3199.000	12.6	891.78	*		114.306	114.306	3200.000	12.6	891.99	*		114.305	114.305
3201.000	12.6	892.20	*		114.305	114.305	3202.000	12.6	892.41	*		114.304	114.304
3203.000	12.6	892.62	*		114.303	114.303	3204.000	12.6	892.83	*		114.302	114.302
3205.000	12.6	893.04	*		114.302	114.302	3206.000	12.6	893.25	*		114.301	114.301
3207.000	12.6	893.46	*		114.300	114.300	3208.000	12.6	893.67	*		114.300	114.300
3209.000	12.6	893.88	*		114.299	114.299	3210.000	12.6	894.09	*		114.298	114.298
3211.000	12.6	894.31	*		114.297	114.297	3212.000	12.6	894.52	*		114.297	114.297
3213.000	12.6	894.73	*		114.296	114.296	3214.000	12.6	894.94	*		114.295	114.295
3215.000	12.6	895.15	*		114.295	114.295	3216.000	12.6	895.36	*		114.294	114.294
3217.000	12.6	895.57	*		114.293	114.293	3218.000	12.6	895.78	*		114.292	114.292
3219.000	12.6	895.99	*		114.292	114.292	3220.000	12.6	896.20	*		114.291	114.291
3221.000	12.6	896.41	*		114.292	114.292	3222.000	12.6	896.62	*		114.292	114.292
3223.000	12.6	896.83	*		114.292	114.292	3224.000	12.6	897.04	*		114.292	114.292
3225.000	12.6	897.25	*		114.292	114.292	3226.000	12.6	897.46	*		114.292	114.292
3227.000	12.6	897.67	*		114.292	114.292	3228.000	12.6	897.88	*		114.292	114.292
3229.000	12.6	898.09	*		114.292	114.292	3230.000	12.6	898.30	*		114.292	114.292
3231.000	12.6	898.51	*		114.292	114.292	3232.000	12.6	898.72	*		114.292	114.292
3233.000	12.6	898.93	*		114.292	114.292	3234.000	12.6	899.14	*		114.292	114.292

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## DIV I Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
3235.000	12.6	899.35	* 114.292	* 114.292	3236.000	12.6	899.56	* 114.292	* 114.292
3237.000	12.6	899.77	* 114.292	* 114.292	3238.000	12.6	899.98	* 114.292	* 114.292
3239.000	12.6	900.19	* 114.292	* 114.292	3240.000	12.6	900.40	* 114.292	* 114.292
3241.000	12.6	900.61	* 114.292	* 114.292	3242.000	12.6	900.82	* 114.292	* 114.292
3243.000	12.6	901.03	* 114.292	* 114.292	3244.000	12.6	901.24	* 114.292	* 114.292
3245.000	12.6	901.45	* 114.292	* 114.292	3246.000	12.6	901.67	* 114.292	* 114.292
3247.000	12.6	901.88	* 114.292	* 114.292	3248.000	12.6	902.09	* 114.292	* 114.292
3249.000	12.6	902.30	* 114.292	* 114.292	3250.000	12.6	902.51	* 114.292	* 114.292
3251.000	12.6	902.72	* 114.292	* 114.292	3252.000	12.6	902.93	* 114.292	* 114.292
3253.000	12.6	903.14	* 114.292	* 114.292	3254.000	12.6	903.35	* 114.292	* 114.292
3255.000	12.6	903.56	* 114.292	* 114.292	3256.000	12.6	903.77	* 114.292	* 114.292
3257.000	12.6	903.98	* 114.292	* 114.292	3258.000	12.6	904.19	* 114.292	* 114.292
3259.000	12.6	904.40	* 114.292	* 114.292	3260.000	12.6	904.61	* 114.292	* 114.292
3261.000	12.6	904.82	* 114.292	* 114.292	3262.000	12.6	905.03	* 114.292	* 114.292
3263.000	12.6	905.24	* 114.293	* 114.293	3264.000	12.6	905.45	* 114.293	* 114.293
3265.000	12.6	905.66	* 114.293	* 114.293	3266.000	12.6	905.87	* 114.293	* 114.293
3267.000	12.6	906.08	* 114.293	* 114.293	3268.000	12.6	906.29	* 114.293	* 114.293
3269.000	12.6	906.50	* 114.293	* 114.293	3270.000	12.6	906.71	* 114.293	* 114.293
3271.000	12.6	906.92	* 114.293	* 114.293	3272.000	12.6	907.13	* 114.293	* 114.293
3273.000	12.6	907.34	* 114.293	* 114.293	3274.000	12.6	907.55	* 114.293	* 114.293
3275.000	12.6	907.76	* 114.293	* 114.293	3276.000	12.6	907.97	* 114.293	* 114.293
3277.000	12.6	908.18	* 114.293	* 114.293	3278.000	12.6	908.39	* 114.293	* 114.293
3279.000	12.6	908.60	* 114.293	* 114.293	3280.000	12.6	908.81	* 114.293	* 114.293
3281.000	12.6	909.03	* 114.293	* 114.293	3282.000	12.6	909.24	* 114.293	* 114.293
3283.000	12.6	909.45	* 114.293	* 114.293	3284.000	12.6	909.66	* 114.293	* 114.293
3285.000	12.6	909.87	* 114.293	* 114.293	3286.000	12.6	910.08	* 114.293	* 114.293
3287.000	12.6	910.29	* 114.293	* 114.293	3288.000	12.6	910.50	* 114.293	* 114.293
3289.000	12.6	910.71	* 114.293	* 114.293	3290.000	12.6	910.92	* 114.293	* 114.293
3291.000	12.6	911.13	* 114.293	* 114.293	3292.000	12.6	911.34	* 114.293	* 114.293
3293.000	12.6	911.55	* 114.293	* 114.293	3294.000	12.6	911.76	* 114.293	* 114.293
3295.000	12.6	911.97	* 114.293	* 114.293	3296.000	12.6	912.18	* 114.293	* 114.293
3297.000	12.6	912.39	* 114.293	* 114.293	3298.000	12.6	912.60	* 114.293	* 114.293
3299.000	12.6	912.81	* 114.293	* 114.293	3300.000	12.6	913.02	* 114.293	* 114.293
3301.000	12.6	913.23	* 114.293	* 114.293	3302.000	12.6	913.44	* 114.294	* 114.294
3303.000	12.6	913.65	* 114.294	* 114.294	3304.000	12.6	913.86	* 114.294	* 114.294
3305.000	12.6	914.07	* 114.294	* 114.294	3306.000	12.6	914.28	* 114.294	* 114.294

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

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DIV 1 Battery 1A 48-Hour Coping Study

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Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
3307.000	12.6	914.49	* 114.294	* 114.294	3308.000	12.6	914.70	* 114.294	* 114.294
3309.000	12.6	914.91	* 114.294	* 114.294	3310.000	12.6	915.12	* 114.294	* 114.294
3311.000	12.6	915.33	* 114.294	* 114.294	3312.000	12.6	915.54	* 114.294	* 114.294
3313.000	12.6	915.75	* 114.294	* 114.294	3314.000	12.6	915.96	* 114.294	* 114.294
3315.000	12.6	916.17	* 114.294	* 114.294	3316.000	12.6	916.38	* 114.294	* 114.294
3317.000	12.6	916.60	* 114.294	* 114.294	3318.000	12.6	916.81	* 114.294	* 114.294
3319.000	12.6	917.02	* 114.294	* 114.294	3320.000	12.6	917.23	* 114.294	* 114.294
3321.000	12.6	917.44	* 114.294	* 114.294	3322.000	12.6	917.65	* 114.294	* 114.294
3323.000	12.6	917.86	* 114.294	* 114.294	3324.000	12.6	918.07	* 114.294	* 114.294
3325.000	12.6	918.28	* 114.294	* 114.294	3326.000	12.6	918.49	* 114.294	* 114.294
3327.000	12.6	918.70	* 114.294	* 114.294	3328.000	12.6	918.91	* 114.294	* 114.294
3329.000	12.6	919.12	* 114.294	* 114.294	3330.000	12.6	919.33	* 114.294	* 114.294
3331.000	12.6	919.54	* 114.294	* 114.294	3332.000	12.6	919.75	* 114.294	* 114.294
3333.000	12.6	919.96	* 114.294	* 114.294	3334.000	12.6	920.17	* 114.294	* 114.294
3335.000	12.6	920.38	* 114.294	* 114.294	3336.000	12.6	920.59	* 114.294	* 114.294
3337.000	12.6	920.80	* 114.294	* 114.294	3338.000	12.6	921.01	* 114.294	* 114.294
3339.000	12.6	921.22	* 114.295	* 114.295	3340.000	12.6	921.43	* 114.295	* 114.295
3341.000	12.6	921.64	* 114.295	* 114.295	3342.000	12.6	921.85	* 114.295	* 114.295
3343.000	12.6	922.06	* 114.295	* 114.295	3344.000	12.6	922.27	* 114.295	* 114.295
3345.000	12.6	922.48	* 114.295	* 114.295	3346.000	12.6	922.69	* 114.295	* 114.295
3347.000	12.6	922.90	* 114.295	* 114.295	3348.000	12.6	923.11	* 114.295	* 114.295
3349.000	12.6	923.32	* 114.295	* 114.295	3350.000	12.6	923.53	* 114.295	* 114.295
3351.000	12.6	923.74	* 114.295	* 114.295	3352.000	12.6	923.96	* 114.295	* 114.295
3353.000	12.6	924.17	* 114.295	* 114.295	3354.000	12.6	924.38	* 114.295	* 114.295
3355.000	12.6	924.59	* 114.295	* 114.295	3356.000	12.6	924.80	* 114.295	* 114.295
3357.000	12.6	925.01	* 114.295	* 114.295	3358.000	12.6	925.22	* 114.295	* 114.295
3359.000	12.6	925.43	* 114.295	* 114.295	3360.000	12.6	925.64	* 114.295	* 114.295
3361.000	12.6	925.85	* 114.295	* 114.295	3362.000	12.6	926.06	* 114.295	* 114.295
3363.000	12.6	926.27	* 114.295	* 114.295	3364.000	12.6	926.48	* 114.295	* 114.295
3365.000	12.6	926.69	* 114.295	* 114.295	3366.000	12.6	926.90	* 114.295	* 114.295
3367.000	12.6	927.11	* 114.295	* 114.295	3368.000	12.6	927.32	* 114.295	* 114.295
3369.000	12.6	927.53	* 114.295	* 114.295	3370.000	12.6	927.74	* 114.295	* 114.295
3371.000	12.6	927.95	* 114.295	* 114.295	3372.000	12.6	928.16	* 114.295	* 114.295
3373.000	12.6	928.37	* 114.295	* 114.295	3374.000	12.6	928.58	* 114.296	* 114.296
3375.000	12.6	928.79	* 114.296	* 114.296	3376.000	12.6	929.00	* 114.296	* 114.296
3377.000	12.6	929.21	* 114.296	* 114.296	3378.000	12.6	929.42	* 114.296	* 114.296

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
3379.000	12.6	929.63	* 114.296	* 114.296	3380.000	12.6	929.84	* 114.296	* 114.296
3381.000	12.6	930.05	* 114.296	* 114.296	3382.000	12.6	930.26	* 114.296	* 114.296
3383.000	12.6	930.47	* 114.296	* 114.296	3384.000	12.6	930.68	* 114.296	* 114.296
3385.000	12.6	930.89	* 114.296	* 114.296	3386.000	12.6	931.10	* 114.296	* 114.296
3387.000	12.6	931.32	* 114.296	* 114.296	3388.000	12.6	931.53	* 114.296	* 114.296
3389.000	12.6	931.74	* 114.296	* 114.296	3390.000	12.6	931.95	* 114.296	* 114.296
3391.000	12.6	932.16	* 114.296	* 114.296	3392.000	12.6	932.37	* 114.296	* 114.296
3393.000	12.6	932.58	* 114.296	* 114.296	3394.000	12.6	932.79	* 114.296	* 114.296
3395.000	12.6	933.00	* 114.296	* 114.296	3396.000	12.6	933.21	* 114.296	* 114.296
3397.000	12.6	933.42	* 114.296	* 114.296	3398.000	12.6	933.63	* 114.296	* 114.296
3399.000	12.6	933.84	* 114.296	* 114.296	3400.000	12.6	934.05	* 114.296	* 114.296
3401.000	12.6	934.26	* 114.296	* 114.296	3402.000	12.6	934.47	* 114.296	* 114.296
3403.000	12.6	934.68	* 114.296	* 114.296	3404.000	12.6	934.89	* 114.296	* 114.296
3405.000	12.6	935.10	* 114.296	* 114.296	3406.000	12.6	935.31	* 114.296	* 114.296
3407.000	12.6	935.52	* 114.297	* 114.297	3408.000	12.6	935.73	* 114.297	* 114.297
3409.000	12.6	935.94	* 114.297	* 114.297	3410.000	12.6	936.15	* 114.297	* 114.297
3411.000	12.6	936.36	* 114.297	* 114.297	3412.000	12.6	936.57	* 114.297	* 114.297
3413.000	12.6	936.78	* 114.297	* 114.297	3414.000	12.6	936.99	* 114.297	* 114.297
3415.000	12.6	937.20	* 114.297	* 114.297	3416.000	12.6	937.41	* 114.297	* 114.297
3417.000	12.6	937.62	* 114.297	* 114.297	3418.000	12.6	937.83	* 114.297	* 114.297
3419.000	12.6	938.04	* 114.297	* 114.297	3420.000	12.6	938.25	* 114.297	* 114.297
3421.000	12.6	938.46	* 114.297	* 114.297	3422.000	12.6	938.67	* 114.297	* 114.297
3423.000	12.6	938.89	* 114.297	* 114.297	3424.000	12.6	939.10	* 114.297	* 114.297
3425.000	12.6	939.31	* 114.297	* 114.297	3426.000	12.6	939.52	* 114.297	* 114.297
3427.000	12.6	939.73	* 114.297	* 114.297	3428.000	12.6	939.94	* 114.297	* 114.297
3429.000	12.6	940.15	* 114.297	* 114.297	3430.000	12.6	940.36	* 114.297	* 114.297
3431.000	12.6	940.57	* 114.297	* 114.297	3432.000	12.6	940.78	* 114.297	* 114.297
3433.000	12.6	940.99	* 114.297	* 114.297	3434.000	12.6	941.20	* 114.297	* 114.297
3435.000	12.6	941.41	* 114.297	* 114.297	3436.000	12.6	941.62	* 114.297	* 114.297
3437.000	12.6	941.83	* 114.297	* 114.297	3438.000	12.6	942.04	* 114.297	* 114.297
3439.000	12.6	942.25	* 114.298	* 114.298	3440.000	12.6	942.46	* 114.298	* 114.298
3441.000	12.6	942.67	* 114.298	* 114.298	3442.000	12.6	942.88	* 114.298	* 114.298
3443.000	12.6	943.09	* 114.298	* 114.298	3444.000	12.6	943.30	* 114.298	* 114.298
3445.000	12.6	943.51	* 114.298	* 114.298	3446.000	12.6	943.72	* 114.298	* 114.298
3447.000	12.6	943.93	* 114.298	* 114.298	3448.000	12.6	944.14	* 114.298	* 114.298
3449.000	12.6	944.35	* 114.298	* 114.298	3450.000	12.6	944.56	* 114.298	* 114.298

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge Capacity		Voltage (V)		Time	Discharge Capacity		Voltage (V)	
	Current (Amp)	(Amp-Hour)	V-	V+		Current (Amp)	(Amp-Hour)	V-	V+
3451.000	12.6	944.77	* 114.298	* 114.298	3452.000	12.6	944.98	* 114.298	* 114.298
3453.000	12.6	945.19	* 114.298	* 114.298	3454.000	12.6	945.40	* 114.298	* 114.298
3455.000	12.6	945.61	* 114.298	* 114.298	3456.000	12.6	945.82	* 114.298	* 114.298
3457.000	12.6	946.03	* 114.298	* 114.298	3458.000	12.6	946.25	* 114.298	* 114.298
3459.000	12.6	946.46	* 114.298	* 114.298	3460.000	12.6	946.67	* 114.298	* 114.298
3461.000	12.6	946.88	* 114.298	* 114.298	3462.000	12.6	947.09	* 114.298	* 114.298
3463.000	12.6	947.30	* 114.298	* 114.298	3464.000	12.6	947.51	* 114.298	* 114.298
3465.000	12.6	947.72	* 114.298	* 114.298	3466.000	12.6	947.93	* 114.298	* 114.298
3467.000	12.6	948.14	* 114.298	* 114.298	3468.000	12.6	948.35	* 114.298	* 114.298
3469.000	12.6	948.56	* 114.299	* 114.299	3470.000	12.6	948.77	* 114.299	* 114.299
3471.000	12.6	948.98	* 114.299	* 114.299	3472.000	12.6	949.19	* 114.299	* 114.299
3473.000	12.6	949.40	* 114.299	* 114.299	3474.000	12.6	949.61	* 114.299	* 114.299
3475.000	12.6	949.82	* 114.299	* 114.299	3476.000	12.6	950.03	* 114.299	* 114.299
3477.000	12.6	950.24	* 114.299	* 114.299	3478.000	12.6	950.45	* 114.299	* 114.299
3479.000	12.6	950.66	* 114.299	* 114.299	3480.000	12.6	950.87	* 114.299	* 114.299
3481.000	12.6	951.08	* 114.299	* 114.299	3482.000	12.6	951.29	* 114.299	* 114.299
3483.000	12.6	951.50	* 114.299	* 114.299	3484.000	12.6	951.71	* 114.299	* 114.299
3485.000	12.6	951.92	* 114.299	* 114.299	3486.000	12.6	952.13	* 114.299	* 114.299
3487.000	12.6	952.34	* 114.299	* 114.299	3488.000	12.6	952.55	* 114.299	* 114.299
3489.000	12.6	952.76	* 114.299	* 114.299	3490.000	12.6	952.97	* 114.299	* 114.299
3491.000	12.6	953.18	* 114.299	* 114.299	3492.000	12.6	953.39	* 114.299	* 114.299
3493.000	12.6	953.61	* 114.299	* 114.299	3494.000	12.6	953.82	* 114.299	* 114.299
3495.000	12.6	954.03	* 114.299	* 114.299	3496.000	12.6	954.24	* 114.299	* 114.299
3497.000	12.6	954.45	* 114.299	* 114.299	3498.000	12.6	954.66	* 114.300	* 114.300
3499.000	12.6	954.87	* 114.300	* 114.300	3500.000	12.6	955.08	* 114.300	* 114.300
3501.000	12.6	955.29	* 114.300	* 114.300	3502.000	12.6	955.50	* 114.300	* 114.300
3503.000	12.6	955.71	* 114.300	* 114.300	3504.000	12.6	955.92	* 114.300	* 114.300
3505.000	12.6	956.13	* 114.300	* 114.300	3506.000	12.6	956.34	* 114.300	* 114.300
3507.000	12.6	956.55	* 114.300	* 114.300	3508.000	12.6	956.76	* 114.300	* 114.300
3509.000	12.6	956.97	* 114.300	* 114.300	3510.000	12.6	957.18	* 114.300	* 114.300
3511.000	12.6	957.39	* 114.300	* 114.300	3512.000	12.6	957.60	* 114.300	* 114.300
3513.000	12.6	957.81	* 114.300	* 114.300	3514.000	12.6	958.02	* 114.301	* 114.301
3515.000	12.6	958.23	* 114.301	* 114.301	3516.000	12.6	958.44	* 114.301	* 114.301
3517.000	12.6	958.65	* 114.301	* 114.301	3518.000	12.6	958.86	* 114.301	* 114.301
3519.000	12.6	959.07	* 114.302	* 114.302	3520.000	12.6	959.28	* 114.302	* 114.302
3521.000	12.6	959.49	* 114.302	* 114.302	3522.000	12.6	959.70	* 114.302	* 114.302

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

## DIV I Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
3523.000	12.6	959.91	* 114.303	* 114.303	3524.000	12.6	960.12	* 114.302	* 114.302
3525.000	12.6	960.33	* 114.301	* 114.301	3526.000	12.6	960.54	* 114.301	* 114.301
3527.000	12.6	960.75	* 114.300	* 114.300	3528.000	12.6	960.97	* 114.299	* 114.299
3529.000	12.6	961.18	* 114.298	* 114.298	3530.000	12.6	961.39	* 114.297	* 114.297
3531.000	12.6	961.60	* 114.297	* 114.297	3532.000	12.6	961.81	* 114.296	* 114.296
3533.000	12.6	962.02	* 114.295	* 114.295	3534.000	12.6	962.23	* 114.294	* 114.294
3535.000	12.6	962.44	* 114.293	* 114.293	3536.000	12.6	962.65	* 114.293	* 114.293
3537.000	12.6	962.86	* 114.292	* 114.292	3538.000	12.6	963.07	* 114.291	* 114.291
3539.000	12.6	963.28	* 114.290	* 114.290	3540.000	12.6	963.49	* 114.290	* 114.290
3541.000	12.6	963.70	* 114.289	* 114.289	3542.000	12.6	963.91	* 114.288	* 114.288
3543.000	12.6	964.12	* 114.287	* 114.287	3544.000	12.6	964.33	* 114.286	* 114.286
3545.000	12.6	964.54	* 114.286	* 114.286	3546.000	12.6	964.75	* 114.285	* 114.285
3547.000	12.6	964.96	* 114.284	* 114.284	3548.000	12.6	965.17	* 114.283	* 114.283
3549.000	12.6	965.38	* 114.282	* 114.282	3550.000	12.6	965.59	* 114.281	* 114.281
3551.000	12.6	965.80	* 114.281	* 114.281	3552.000	12.6	966.01	* 114.280	* 114.280
3553.000	12.6	966.22	* 114.279	* 114.279	3554.000	12.6	966.43	* 114.278	* 114.278
3555.000	12.6	966.64	* 114.278	* 114.278	3556.000	12.6	966.85	* 114.277	* 114.277
3557.000	12.6	967.06	* 114.276	* 114.276	3558.000	12.6	967.27	* 114.275	* 114.275
3559.000	12.6	967.48	* 114.274	* 114.274	3560.000	12.6	967.69	* 114.273	* 114.273
3561.000	12.6	967.90	* 114.273	* 114.273	3562.000	12.6	968.11	* 114.272	* 114.272
3563.000	12.6	968.32	* 114.271	* 114.271	3564.000	12.6	968.54	* 114.270	* 114.270
3565.000	12.6	968.75	* 114.269	* 114.269	3566.000	12.6	968.96	* 114.269	* 114.269
3567.000	12.6	969.17	* 114.268	* 114.268	3568.000	12.6	969.38	* 114.267	* 114.267
3569.000	12.6	969.59	* 114.266	* 114.266	3570.000	12.6	969.80	* 114.265	* 114.265
3571.000	12.6	970.01	* 114.265	* 114.265	3572.000	12.6	970.22	* 114.264	* 114.264
3573.000	12.6	970.43	* 114.263	* 114.263	3574.000	12.6	970.64	* 114.262	* 114.262
3575.000	12.6	970.85	* 114.261	* 114.261	3576.000	12.6	971.06	* 114.261	* 114.261
3577.000	12.6	971.27	* 114.260	* 114.260	3578.000	12.6	971.48	* 114.259	* 114.259
3579.000	12.6	971.69	* 114.258	* 114.258	3580.000	12.6	971.90	* 114.257	* 114.257
3581.000	12.6	972.11	* 114.257	* 114.257	3582.000	12.6	972.32	* 114.256	* 114.256
3583.000	12.6	972.53	* 114.255	* 114.255	3584.000	12.6	972.74	* 114.254	* 114.254
3585.000	12.6	972.95	* 114.253	* 114.253	3586.000	12.6	973.16	* 114.253	* 114.253
3587.000	12.6	973.37	* 114.252	* 114.252	3588.000	12.6	973.58	* 114.251	* 114.251
3589.000	12.6	973.79	* 114.250	* 114.250	3590.000	12.6	974.00	* 114.249	* 114.249
3591.000	12.6	974.21	* 114.249	* 114.249	3592.000	12.6	974.42	* 114.248	* 114.248
3593.000	12.6	974.63	* 114.247	* 114.247	3594.000	12.6	974.84	* 114.246	* 114.246

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
3595.000	12.6	975.05	*		114.245	* 114.245	3596.000	12.6	975.26	*		114.245	* 114.245
3597.000	12.6	975.47	*		114.244	* 114.244	3598.000	12.6	975.68	*		114.243	* 114.243
3599.000	12.6	975.90	*		114.242	* 114.242	3600.000	12.6	976.11	*		114.241	* 114.241
3601.000	12.6	976.32	*		114.241	* 114.241	3602.000	12.6	976.53	*		114.240	* 114.240
3603.000	12.6	976.74	*		114.239	* 114.239	3604.000	12.6	976.95	*		114.238	* 114.238
3605.000	12.6	977.16	*		114.237	* 114.237	3606.000	12.6	977.37	*		114.237	* 114.237
3607.000	12.6	977.58	*		114.236	* 114.236	3608.000	12.6	977.79	*		114.235	* 114.235
3609.000	12.6	978.00	*		114.234	* 114.234	3610.000	12.6	978.21	*		114.233	* 114.233
3611.000	12.6	978.42	*		114.233	* 114.233	3612.000	12.6	978.63	*		114.232	* 114.232
3613.000	12.6	978.84	*		114.231	* 114.231	3614.000	12.6	979.05	*		114.230	* 114.230
3615.000	12.6	979.26	*		114.229	* 114.229	3616.000	12.6	979.47	*		114.229	* 114.229
3617.000	12.6	979.68	*		114.228	* 114.228	3618.000	12.6	979.89	*		114.227	* 114.227
3619.000	12.6	980.10	*		114.226	* 114.226	3620.000	12.6	980.31	*		114.225	* 114.225
3621.000	12.6	980.52	*		114.225	* 114.225	3622.000	12.6	980.73	*		114.224	* 114.224
3623.000	12.6	980.94	*		114.223	* 114.223	3624.000	12.6	981.15	*		114.222	* 114.222
3625.000	12.6	981.36	*		114.221	* 114.221	3626.000	12.6	981.57	*		114.220	* 114.220
3627.000	12.6	981.78	*		114.220	* 114.220	3628.000	12.6	981.99	*		114.219	* 114.219
3629.000	12.6	982.20	*		114.218	* 114.218	3630.000	12.6	982.41	*		114.217	* 114.217
3631.000	12.6	982.62	*		114.216	* 114.216	3632.000	12.6	982.83	*		114.216	* 114.216
3633.000	12.6	983.04	*		114.215	* 114.215	3634.000	12.6	983.26	*		114.214	* 114.214
3635.000	12.6	983.47	*		114.213	* 114.213	3636.000	12.6	983.68	*		114.212	* 114.212
3637.000	12.6	983.89	*		114.212	* 114.212	3638.000	12.6	984.10	*		114.211	* 114.211
3639.000	12.6	984.31	*		114.210	* 114.210	3640.000	12.6	984.52	*		114.209	* 114.209
3641.000	12.6	984.73	*		114.208	* 114.208	3642.000	12.6	984.94	*		114.208	* 114.208
3643.000	12.6	985.15	*		114.207	* 114.207	3644.000	12.6	985.36	*		114.206	* 114.206
3645.000	12.6	985.57	*		114.205	* 114.205	3646.000	12.6	985.78	*		114.204	* 114.204
3647.000	12.6	985.99	*		114.204	* 114.204	3648.000	12.6	986.20	*		114.203	* 114.203
3649.000	12.6	986.41	*		114.202	* 114.202	3650.000	12.6	986.62	*		114.201	* 114.201
3651.000	12.6	986.83	*		114.200	* 114.200	3652.000	12.6	987.04	*		114.200	* 114.200
3653.000	12.6	987.25	*		114.199	* 114.199	3654.000	12.6	987.46	*		114.198	* 114.198
3655.000	12.6	987.67	*		114.197	* 114.197	3656.000	12.6	987.88	*		114.196	* 114.196
3657.000	12.6	988.09	*		114.195	* 114.195	3658.000	12.6	988.30	*		114.195	* 114.195
3659.000	12.6	988.51	*		114.194	* 114.194	3660.000	12.6	988.72	*		114.193	* 114.193
3661.000	12.6	988.93	*		114.192	* 114.192	3662.000	12.6	989.14	*		114.191	* 114.191
3663.000	12.6	989.35	*		114.191	* 114.191	3664.000	12.6	989.56	*		114.190	* 114.190
3665.000	12.6	989.77	*		114.189	* 114.189	3666.000	12.6	989.98	*		114.188	* 114.188

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
3667.000	12.6	990.19	*		114.187	114.187	3668.000	12.6	990.40	*		114.187	114.187
3669.000	12.6	990.61	*		114.186	114.186	3670.000	12.6	990.83	*		114.185	114.185
3671.000	12.6	991.04	*		114.184	114.184	3672.000	12.6	991.25	*		114.183	114.183
3673.000	12.6	991.46	*		114.183	114.183	3674.000	12.6	991.67	*		114.182	114.182
3675.000	12.6	991.88	*		114.181	114.181	3676.000	12.6	992.09	*		114.180	114.180
3677.000	12.6	992.30	*		114.179	114.179	3678.000	12.6	992.51	*		114.178	114.178
3679.000	12.6	992.72	*		114.178	114.178	3680.000	12.6	992.93	*		114.177	114.177
3681.000	12.6	993.14	*		114.176	114.176	3682.000	12.6	993.35	*		114.175	114.175
3683.000	12.6	993.56	*		114.174	114.174	3684.000	12.6	993.77	*		114.174	114.174
3685.000	12.6	993.98	*		114.173	114.173	3686.000	12.6	994.19	*		114.172	114.172
3687.000	12.6	994.40	*		114.171	114.171	3688.000	12.6	994.61	*		114.170	114.170
3689.000	12.6	994.82	*		114.170	114.170	3690.000	12.6	995.03	*		114.169	114.169
3691.000	12.6	995.24	*		114.168	114.168	3692.000	12.6	995.45	*		114.167	114.167
3693.000	12.6	995.66	*		114.166	114.166	3694.000	12.6	995.87	*		114.166	114.166
3695.000	12.6	996.08	*		114.165	114.165	3696.000	12.6	996.29	*		114.164	114.164
3697.000	12.6	996.50	*		114.163	114.163	3698.000	12.6	996.71	*		114.162	114.162
3699.000	12.6	996.92	*		114.161	114.161	3700.000	12.6	997.13	*		114.161	114.161
3701.000	12.6	997.34	*		114.160	114.160	3702.000	12.6	997.55	*		114.159	114.159
3703.000	12.6	997.76	*		114.158	114.158	3704.000	12.6	997.97	*		114.157	114.157
3705.000	12.6	998.19	*		114.157	114.157	3706.000	12.6	998.40	*		114.156	114.156
3707.000	12.6	998.61	*		114.155	114.155	3708.000	12.6	998.82	*		114.154	114.154
3709.000	12.6	999.03	*		114.153	114.153	3710.000	12.6	999.24	*		114.153	114.153
3711.000	12.6	999.45	*		114.152	114.152	3712.000	12.6	999.66	*		114.151	114.151
3713.000	12.6	999.87	*		114.150	114.150	3714.000	12.6	1000.08	*		114.149	114.149
3715.000	12.6	1000.29	*		114.149	114.149	3716.000	12.6	1000.50	*		114.148	114.148
3717.000	12.6	1000.71	*		114.147	114.147	3718.000	12.6	1000.92	*		114.146	114.146
3719.000	12.6	1001.13	*		114.145	114.145	3720.000	12.6	1001.34	*		114.144	114.144
3721.000	12.6	1001.55	*		114.144	114.144	3722.000	12.6	1001.76	*		114.143	114.143
3723.000	12.6	1001.97	*		114.142	114.142	3724.000	12.6	1002.18	*		114.141	114.141
3725.000	12.6	1002.39	*		114.140	114.140	3726.000	12.6	1002.60	*		114.140	114.140
3727.000	12.6	1002.81	*		114.139	114.139	3728.000	12.6	1003.02	*		114.138	114.138
3729.000	12.6	1003.23	*		114.137	114.137	3730.000	12.6	1003.44	*		114.136	114.136
3731.000	12.6	1003.65	*		114.136	114.136	3732.000	12.6	1003.86	*		114.135	114.135
3733.000	12.6	1004.07	*		114.134	114.134	3734.000	12.6	1004.28	*		114.133	114.133
3735.000	12.6	1004.49	*		114.132	114.132	3736.000	12.6	1004.70	*		114.131	114.131
3737.000	12.6	1004.91	*		114.131	114.131	3738.000	12.6	1005.12	*		114.130	114.130

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
3739.000	12.6	1005.34	*		114.129	114.129	3740.000	12.6	1005.55	*		114.128	114.128
3741.000	12.6	1005.76	*		114.127	114.127	3742.000	12.6	1005.97	*		114.127	114.127
3743.000	12.6	1006.18	*		114.126	114.126	3744.000	12.6	1006.39	*		114.125	114.125
3745.000	12.6	1006.60	*		114.124	114.124	3746.000	12.6	1006.81	*		114.123	114.123
3747.000	12.6	1007.02	*		114.122	114.122	3748.000	12.6	1007.23	*		114.122	114.122
3749.000	12.6	1007.44	*		114.121	114.121	3750.000	12.6	1007.65	*		114.120	114.120
3751.000	12.6	1007.86	*		114.119	114.119	3752.000	12.6	1008.07	*		114.118	114.118
3753.000	12.6	1008.28	*		114.118	114.118	3754.000	12.6	1008.49	*		114.117	114.117
3755.000	12.6	1008.70	*		114.116	114.116	3756.000	12.6	1008.91	*		114.115	114.115
3757.000	12.6	1009.12	*		114.114	114.114	3758.000	12.6	1009.33	*		114.114	114.114
3759.000	12.6	1009.54	*		114.113	114.113	3760.000	12.6	1009.75	*		114.112	114.112
3761.000	12.6	1009.96	*		114.111	114.111	3762.000	12.6	1010.17	*		114.110	114.110
3763.000	12.6	1010.38	*		114.109	114.109	3764.000	12.6	1010.59	*		114.109	114.109
3765.000	12.6	1010.80	*		114.108	114.108	3766.000	12.6	1011.01	*		114.107	114.107
3767.000	12.6	1011.22	*		114.106	114.106	3768.000	12.6	1011.43	*		114.105	114.105
3769.000	12.6	1011.64	*		114.105	114.105	3770.000	12.6	1011.85	*		114.104	114.104
3771.000	12.6	1012.06	*		114.103	114.103	3772.000	12.6	1012.27	*		114.102	114.102
3773.000	12.6	1012.48	*		114.101	114.101	3774.000	12.6	1012.70	*		114.100	114.100
3775.000	12.6	1012.91	*		114.100	114.100	3776.000	12.6	1013.12	*		114.099	114.099
3777.000	12.6	1013.33	*		114.098	114.098	3778.000	12.6	1013.54	*		114.097	114.097
3779.000	12.6	1013.75	*		114.096	114.096	3780.000	12.6	1013.96	*		114.096	114.096
3781.000	12.6	1014.17	*		114.095	114.095	3782.000	12.6	1014.38	*		114.094	114.094
3783.000	12.6	1014.59	*		114.093	114.093	3784.000	12.6	1014.80	*		114.092	114.092
3785.000	12.6	1015.01	*		114.092	114.092	3786.000	12.6	1015.22	*		114.091	114.091
3787.000	12.6	1015.43	*		114.090	114.090	3788.000	12.6	1015.64	*		114.089	114.089
3789.000	12.6	1015.85	*		114.088	114.088	3790.000	12.6	1016.06	*		114.087	114.087
3791.000	12.6	1016.27	*		114.087	114.087	3792.000	12.6	1016.48	*		114.086	114.086
3793.000	12.6	1016.69	*		114.085	114.085	3794.000	12.6	1016.90	*		114.084	114.084
3795.000	12.6	1017.11	*		114.083	114.083	3796.000	12.6	1017.32	*		114.083	114.083
3797.000	12.6	1017.53	*		114.082	114.082	3798.000	12.6	1017.74	*		114.081	114.081
3799.000	12.6	1017.95	*		114.080	114.080	3800.000	12.6	1018.16	*		114.079	114.079
3801.000	12.6	1018.37	*		114.078	114.078	3802.000	12.6	1018.58	*		114.078	114.078
3803.000	12.6	1018.79	*		114.077	114.077	3804.000	12.6	1019.00	*		114.076	114.076
3805.000	12.6	1019.21	*		114.075	114.075	3806.000	12.6	1019.42	*		114.074	114.074
3807.000	12.6	1019.63	*		114.074	114.074	3808.000	12.6	1019.84	*		114.073	114.073
3809.000	12.6	1020.06	*		114.072	114.072	3810.000	12.6	1020.27	*		114.071	114.071

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
3811.000	12.6	1020.48	*		114.070	114.070	3812.000	12.6	1020.69	*		114.069	114.069
3813.000	12.6	1020.90	*		114.069	114.069	3814.000	12.6	1021.11	*		114.068	114.068
3815.000	12.6	1021.32	*		114.067	114.067	3816.000	12.6	1021.53	*		114.066	114.066
3817.000	12.6	1021.74	*		114.065	114.065	3818.000	12.6	1021.95	*		114.065	114.065
3819.000	12.6	1022.16	*		114.064	114.064	3820.000	12.6	1022.37	*		114.063	114.063
3821.000	12.6	1022.58	*		114.062	114.062	3822.000	12.6	1022.79	*		114.061	114.061
3823.000	12.6	1023.00	*		114.060	114.060	3824.000	12.6	1023.21	*		114.060	114.060
3825.000	12.6	1023.42	*		114.059	114.059	3826.000	12.6	1023.63	*		114.058	114.058
3827.000	12.6	1023.84	*		114.057	114.057	3828.000	12.6	1024.05	*		114.056	114.056
3829.000	12.6	1024.26	*		114.056	114.056	3830.000	12.6	1024.47	*		114.055	114.055
3831.000	12.6	1024.68	*		114.054	114.054	3832.000	12.6	1024.89	*		114.053	114.053
3833.000	12.6	1025.10	*		114.052	114.052	3834.000	12.6	1025.31	*		114.051	114.051
3835.000	12.6	1025.52	*		114.051	114.051	3836.000	12.6	1025.73	*		114.050	114.050
3837.000	12.6	1025.94	*		114.049	114.049	3838.000	12.6	1026.15	*		114.048	114.048
3839.000	12.6	1026.36	*		114.047	114.047	3840.000	12.6	1026.57	*		114.046	114.046
3841.000	12.6	1026.78	*		114.046	114.046	3842.000	12.6	1026.99	*		114.045	114.045
3843.000	12.6	1027.20	*		114.044	114.044	3844.000	12.6	1027.41	*		114.044	114.044
3845.000	12.6	1027.63	*		114.043	114.043	3846.000	12.6	1027.84	*		114.043	114.043
3847.000	12.6	1028.05	*		114.043	114.043	3848.000	12.6	1028.26	*		114.043	114.043
3849.000	12.6	1028.47	*		114.042	114.042	3850.000	12.6	1028.68	*		114.042	114.042
3851.000	12.6	1028.89	*		114.042	114.042	3852.000	12.6	1029.10	*		114.042	114.042
3853.000	12.6	1029.31	*		114.041	114.041	3854.000	12.6	1029.52	*		114.041	114.041
3855.000	12.6	1029.73	*		114.041	114.041	3856.000	12.6	1029.94	*		114.040	114.040
3857.000	12.6	1030.15	*		114.040	114.040	3858.000	12.6	1030.36	*		114.040	114.040
3859.000	12.6	1030.57	*		114.040	114.040	3860.000	12.6	1030.78	*		114.039	114.039
3861.000	12.6	1030.99	*		114.039	114.039	3862.000	12.6	1031.20	*		114.039	114.039
3863.000	12.6	1031.41	*		114.038	114.038	3864.000	12.6	1031.62	*		114.038	114.038
3865.000	12.6	1031.83	*		114.038	114.038	3866.000	12.6	1032.04	*		114.038	114.038
3867.000	12.6	1032.25	*		114.037	114.037	3868.000	12.6	1032.46	*		114.037	114.037
3869.000	12.6	1032.67	*		114.037	114.037	3870.000	12.6	1032.88	*		114.037	114.037
3871.000	12.6	1033.09	*		114.036	114.036	3872.000	12.6	1033.30	*		114.036	114.036
3873.000	12.6	1033.51	*		114.036	114.036	3874.000	12.6	1033.72	*		114.035	114.035
3875.000	12.6	1033.93	*		114.035	114.035	3876.000	12.6	1034.14	*		114.035	114.035
3877.000	12.6	1034.35	*		114.035	114.035	3878.000	12.6	1034.56	*		114.034	114.034
3879.000	12.6	1034.77	*		114.034	114.034	3880.000	12.6	1034.99	*		114.034	114.034
3881.000	12.6	1035.20	*		114.033	114.033	3882.000	12.6	1035.41	*		114.033	114.033

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
3883.000	12.6	1035.62	* 114.033	* 114.033	3884.000	12.6	1035.83	* 114.033	* 114.033
3885.000	12.6	1036.04	* 114.032	* 114.032	3886.000	12.6	1036.25	* 114.032	* 114.032
3887.000	12.6	1036.46	* 114.032	* 114.032	3888.000	12.6	1036.67	* 114.032	* 114.032
3889.000	12.6	1036.88	* 114.031	* 114.031	3890.000	12.6	1037.09	* 114.031	* 114.031
3891.000	12.6	1037.30	* 114.031	* 114.031	3892.000	12.6	1037.51	* 114.030	* 114.030
3893.000	12.6	1037.72	* 114.030	* 114.030	3894.000	12.6	1037.93	* 114.030	* 114.030
3895.000	12.6	1038.14	* 114.030	* 114.030	3896.000	12.6	1038.35	* 114.029	* 114.029
3897.000	12.6	1038.56	* 114.029	* 114.029	3898.000	12.6	1038.77	* 114.029	* 114.029
3899.000	12.6	1038.98	* 114.028	* 114.028	3900.000	12.6	1039.19	* 114.028	* 114.028
3901.000	12.6	1039.40	* 114.028	* 114.028	3902.000	12.6	1039.61	* 114.028	* 114.028
3903.000	12.6	1039.82	* 114.027	* 114.027	3904.000	12.6	1040.03	* 114.027	* 114.027
3905.000	12.6	1040.24	* 114.027	* 114.027	3906.000	12.6	1040.45	* 114.026	* 114.026
3907.000	12.6	1040.66	* 114.026	* 114.026	3908.000	12.6	1040.87	* 114.026	* 114.026
3909.000	12.6	1041.08	* 114.026	* 114.026	3910.000	12.6	1041.29	* 114.025	* 114.025
3911.000	12.6	1041.50	* 114.025	* 114.025	3912.000	12.6	1041.71	* 114.025	* 114.025
3913.000	12.6	1041.92	* 114.024	* 114.024	3914.000	12.6	1042.13	* 114.024	* 114.024
3915.000	12.6	1042.35	* 114.024	* 114.024	3916.000	12.6	1042.56	* 114.024	* 114.024
3917.000	12.6	1042.77	* 114.023	* 114.023	3918.000	12.6	1042.98	* 114.023	* 114.023
3919.000	12.6	1043.19	* 114.023	* 114.023	3920.000	12.6	1043.40	* 114.023	* 114.023
3921.000	12.6	1043.61	* 114.022	* 114.022	3922.000	12.6	1043.82	* 114.022	* 114.022
3923.000	12.6	1044.03	* 114.022	* 114.022	3924.000	12.6	1044.24	* 114.021	* 114.021
3925.000	12.6	1044.45	* 114.021	* 114.021	3926.000	12.6	1044.66	* 114.021	* 114.021
3927.000	12.6	1044.87	* 114.021	* 114.021	3928.000	12.6	1045.08	* 114.020	* 114.020
3929.000	12.6	1045.29	* 114.020	* 114.020	3930.000	12.6	1045.50	* 114.020	* 114.020
3931.000	12.6	1045.71	* 114.019	* 114.019	3932.000	12.6	1045.92	* 114.019	* 114.019
3933.000	12.6	1046.13	* 114.019	* 114.019	3934.000	12.6	1046.34	* 114.019	* 114.019
3935.000	12.6	1046.55	* 114.018	* 114.018	3936.000	12.6	1046.76	* 114.018	* 114.018
3937.000	12.6	1046.97	* 114.018	* 114.018	3938.000	12.6	1047.18	* 114.017	* 114.017
3939.000	12.6	1047.39	* 114.017	* 114.017	3940.000	12.6	1047.60	* 114.017	* 114.017
3941.000	12.6	1047.81	* 114.017	* 114.017	3942.000	12.6	1048.02	* 114.016	* 114.016
3943.000	12.6	1048.23	* 114.016	* 114.016	3944.000	12.6	1048.44	* 114.016	* 114.016
3945.000	12.6	1048.65	* 114.015	* 114.015	3946.000	12.6	1048.86	* 114.015	* 114.015
3947.000	12.6	1049.07	* 114.015	* 114.015	3948.000	12.6	1049.28	* 114.015	* 114.015
3949.000	12.6	1049.49	* 114.014	* 114.014	3950.000	12.6	1049.70	* 114.014	* 114.014
3951.000	12.6	1049.92	* 114.014	* 114.014	3952.000	12.6	1050.13	* 114.013	* 114.013
3953.000	12.6	1050.34	* 114.013	* 114.013	3954.000	12.6	1050.55	* 114.013	* 114.013

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
3955.000	12.6	1050.76	* 114.013	* 114.013	3956.000	12.6	1050.97	* 114.012	* 114.012
3957.000	12.6	1051.18	* 114.012	* 114.012	3958.000	12.6	1051.39	* 114.012	* 114.012
3959.000	12.6	1051.60	* 114.011	* 114.011	3960.000	12.6	1051.81	* 114.011	* 114.011
3961.000	12.6	1052.02	* 114.011	* 114.011	3962.000	12.6	1052.23	* 114.010	* 114.010
3963.000	12.6	1052.44	* 114.010	* 114.010	3964.000	12.6	1052.65	* 114.010	* 114.010
3965.000	12.6	1052.86	* 114.010	* 114.010	3966.000	12.6	1053.07	* 114.009	* 114.009
3967.000	12.6	1053.28	* 114.009	* 114.009	3968.000	12.6	1053.49	* 114.009	* 114.009
3969.000	12.6	1053.70	* 114.008	* 114.008	3970.000	12.6	1053.91	* 114.008	* 114.008
3971.000	12.6	1054.12	* 114.008	* 114.008	3972.000	12.6	1054.33	* 114.008	* 114.008
3973.000	12.6	1054.54	* 114.007	* 114.007	3974.000	12.6	1054.75	* 114.007	* 114.007
3975.000	12.6	1054.96	* 114.007	* 114.007	3976.000	12.6	1055.17	* 114.006	* 114.006
3977.000	12.6	1055.38	* 114.006	* 114.006	3978.000	12.6	1055.59	* 114.006	* 114.006
3979.000	12.6	1055.80	* 114.006	* 114.006	3980.000	12.6	1056.01	* 114.005	* 114.005
3981.000	12.6	1056.22	* 114.005	* 114.005	3982.000	12.6	1056.43	* 114.005	* 114.005
3983.000	12.6	1056.64	* 114.004	* 114.004	3984.000	12.6	1056.85	* 114.004	* 114.004
3985.000	12.6	1057.06	* 114.004	* 114.004	3986.000	12.6	1057.28	* 114.004	* 114.004
3987.000	12.6	1057.49	* 114.003	* 114.003	3988.000	12.6	1057.70	* 114.003	* 114.003
3989.000	12.6	1057.91	* 114.003	* 114.003	3990.000	12.6	1058.12	* 114.002	* 114.002
3991.000	12.6	1058.33	* 114.002	* 114.002	3992.000	12.6	1058.54	* 114.002	* 114.002
3993.000	12.6	1058.75	* 114.002	* 114.002	3994.000	12.6	1058.96	* 114.001	* 114.001
3995.000	12.6	1059.17	* 114.001	* 114.001	3996.000	12.6	1059.38	* 114.001	* 114.001
3997.000	12.6	1059.59	* 114.000	* 114.000	3998.000	12.6	1059.80	* 114.000	* 114.000
3999.000	12.6	1060.01	* 114.000	* 114.000	4000.000	12.6	1060.22	* 113.999	* 113.999
4001.000	12.6	1060.43	* 113.999	* 113.999	4002.000	12.6	1060.64	* 113.999	* 113.999
4003.000	12.6	1060.85	* 113.999	* 113.999	4004.000	12.6	1061.06	* 113.998	* 113.998
4005.000	12.6	1061.27	* 113.998	* 113.998	4006.000	12.6	1061.48	* 113.998	* 113.998
4007.000	12.6	1061.69	* 113.997	* 113.997	4008.000	12.6	1061.90	* 113.997	* 113.997
4009.000	12.6	1062.11	* 113.997	* 113.997	4010.000	12.6	1062.32	* 113.997	* 113.997
4011.000	12.6	1062.53	* 113.996	* 113.996	4012.000	12.6	1062.74	* 113.996	* 113.996
4013.000	12.6	1062.95	* 113.996	* 113.996	4014.000	12.6	1063.16	* 113.995	* 113.995
4015.000	12.6	1063.37	* 113.995	* 113.995	4016.000	12.6	1063.58	* 113.995	* 113.995
4017.000	12.6	1063.79	* 113.994	* 113.994	4018.000	12.6	1064.00	* 113.994	* 113.994
4019.000	12.6	1064.21	* 113.994	* 113.994	4020.000	12.6	1064.42	* 113.994	* 113.994
4021.000	12.6	1064.64	* 113.993	* 113.993	4022.000	12.6	1064.85	* 113.993	* 113.993
4023.000	12.6	1065.06	* 113.993	* 113.993	4024.000	12.6	1065.27	* 113.992	* 113.992
4025.000	12.6	1065.48	* 113.992	* 113.992	4026.000	12.6	1065.69	* 113.992	* 113.992

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
4027.000	12.6	1065.90	*		113.991	113.991	4028.000	12.6	1066.11	*		113.991	113.991
4029.000	12.6	1066.32	*		113.991	113.991	4030.000	12.6	1066.53	*		113.990	113.990
4031.000	12.6	1066.74	*		113.990	113.990	4032.000	12.6	1066.95	*		113.990	113.990
4033.000	12.6	1067.16	*		113.989	113.989	4034.000	12.6	1067.37	*		113.989	113.989
4035.000	12.6	1067.58	*		113.989	113.989	4036.000	12.6	1067.79	*		113.988	113.988
4037.000	12.6	1068.00	*		113.988	113.988	4038.000	12.6	1068.21	*		113.988	113.988
4039.000	12.6	1068.42	*		113.987	113.987	4040.000	12.6	1068.63	*		113.987	113.987
4041.000	12.6	1068.84	*		113.987	113.987	4042.000	12.6	1069.05	*		113.986	113.986
4043.000	12.6	1069.26	*		113.986	113.986	4044.000	12.6	1069.47	*		113.986	113.986
4045.000	12.6	1069.68	*		113.985	113.985	4046.000	12.6	1069.89	*		113.985	113.985
4047.000	12.6	1070.10	*		113.985	113.985	4048.000	12.6	1070.31	*		113.984	113.984
4049.000	12.6	1070.52	*		113.984	113.984	4050.000	12.6	1070.73	*		113.984	113.984
4051.000	12.6	1070.94	*		113.983	113.983	4052.000	12.6	1071.15	*		113.983	113.983
4053.000	12.6	1071.36	*		113.983	113.983	4054.000	12.6	1071.57	*		113.982	113.982
4055.000	12.6	1071.78	*		113.982	113.982	4056.000	12.6	1072.00	*		113.982	113.982
4057.000	12.6	1072.21	*		113.981	113.981	4058.000	12.6	1072.42	*		113.981	113.981
4059.000	12.6	1072.63	*		113.981	113.981	4060.000	12.6	1072.84	*		113.980	113.980
4061.000	12.6	1073.05	*		113.980	113.980	4062.000	12.6	1073.26	*		113.980	113.980
4063.000	12.6	1073.47	*		113.979	113.979	4064.000	12.6	1073.68	*		113.979	113.979
4065.000	12.6	1073.89	*		113.979	113.979	4066.000	12.6	1074.10	*		113.978	113.978
4067.000	12.6	1074.31	*		113.978	113.978	4068.000	12.6	1074.52	*		113.978	113.978
4069.000	12.6	1074.73	*		113.977	113.977	4070.000	12.6	1074.94	*		113.977	113.977
4071.000	12.6	1075.15	*		113.977	113.977	4072.000	12.6	1075.36	*		113.976	113.976
4073.000	12.6	1075.57	*		113.976	113.976	4074.000	12.6	1075.78	*		113.976	113.976
4075.000	12.6	1075.99	*		113.975	113.975	4076.000	12.6	1076.20	*		113.975	113.975
4077.000	12.6	1076.41	*		113.975	113.975	4078.000	12.6	1076.62	*		113.974	113.974
4079.000	12.6	1076.83	*		113.974	113.974	4080.000	12.6	1077.04	*		113.974	113.974
4081.000	12.6	1077.25	*		113.973	113.973	4082.000	12.6	1077.46	*		113.973	113.973
4083.000	12.6	1077.67	*		113.973	113.973	4084.000	12.6	1077.88	*		113.972	113.972
4085.000	12.6	1078.09	*		113.972	113.972	4086.000	12.6	1078.30	*		113.972	113.972
4087.000	12.6	1078.51	*		113.971	113.971	4088.000	12.6	1078.72	*		113.971	113.971
4089.000	12.6	1078.93	*		113.971	113.971	4090.000	12.6	1079.14	*		113.970	113.970
4091.000	12.6	1079.35	*		113.970	113.970	4092.000	12.6	1079.57	*		113.970	113.970
4093.000	12.6	1079.78	*		113.969	113.969	4094.000	12.6	1079.99	*		113.969	113.969
4095.000	12.6	1080.20	*		113.969	113.969	4096.000	12.6	1080.41	*		113.968	113.968
4097.000	12.6	1080.62	*		113.968	113.968	4098.000	12.6	1080.83	*		113.967	113.967

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
4099.000	12.6	1081.04	* 113.967	* 113.967	4100.000	12.6	1081.25	* 113.967	* 113.967
4101.000	12.6	1081.46	* 113.966	* 113.966	4102.000	12.6	1081.67	* 113.966	* 113.966
4103.000	12.6	1081.88	* 113.966	* 113.966	4104.000	12.6	1082.09	* 113.965	* 113.965
4105.000	12.6	1082.30	* 113.965	* 113.965	4106.000	12.6	1082.51	* 113.965	* 113.965
4107.000	12.6	1082.72	* 113.964	* 113.964	4108.000	12.6	1082.93	* 113.964	* 113.964
4109.000	12.6	1083.14	* 113.964	* 113.964	4110.000	12.6	1083.35	* 113.963	* 113.963
4111.000	12.6	1083.56	* 113.963	* 113.963	4112.000	12.6	1083.77	* 113.963	* 113.963
4113.000	12.6	1083.98	* 113.962	* 113.962	4114.000	12.6	1084.19	* 113.962	* 113.962
4115.000	12.6	1084.40	* 113.962	* 113.962	4116.000	12.6	1084.61	* 113.961	* 113.961
4117.000	12.6	1084.82	* 113.961	* 113.961	4118.000	12.6	1085.03	* 113.961	* 113.961
4119.000	12.6	1085.24	* 113.960	* 113.960	4120.000	12.6	1085.45	* 113.960	* 113.960
4121.000	12.6	1085.66	* 113.960	* 113.960	4122.000	12.6	1085.87	* 113.959	* 113.959
4123.000	12.6	1086.08	* 113.959	* 113.959	4124.000	12.6	1086.29	* 113.959	* 113.959
4125.000	12.6	1086.50	* 113.958	* 113.958	4126.000	12.6	1086.71	* 113.958	* 113.958
4127.000	12.6	1086.93	* 113.958	* 113.958	4128.000	12.6	1087.14	* 113.957	* 113.957
4129.000	12.6	1087.35	* 113.957	* 113.957	4130.000	12.6	1087.56	* 113.957	* 113.957
4131.000	12.6	1087.77	* 113.956	* 113.956	4132.000	12.6	1087.98	* 113.956	* 113.956
4133.000	12.6	1088.19	* 113.956	* 113.956	4134.000	12.6	1088.40	* 113.955	* 113.955
4135.000	12.6	1088.61	* 113.955	* 113.955	4136.000	12.6	1088.82	* 113.954	* 113.954
4137.000	12.6	1089.03	* 113.954	* 113.954	4138.000	12.6	1089.24	* 113.954	* 113.954
4139.000	12.6	1089.45	* 113.953	* 113.953	4140.000	12.6	1089.66	* 113.953	* 113.953
4141.000	12.6	1089.87	* 113.953	* 113.953	4142.000	12.6	1090.08	* 113.952	* 113.952
4143.000	12.6	1090.29	* 113.952	* 113.952	4144.000	12.6	1090.50	* 113.952	* 113.952
4145.000	12.6	1090.71	* 113.951	* 113.951	4146.000	12.6	1090.92	* 113.951	* 113.951
4147.000	12.6	1091.13	* 113.951	* 113.951	4148.000	12.6	1091.34	* 113.950	* 113.950
4149.000	12.6	1091.55	* 113.950	* 113.950	4150.000	12.6	1091.76	* 113.950	* 113.950
4151.000	12.6	1091.97	* 113.949	* 113.949	4152.000	12.6	1092.18	* 113.949	* 113.949
4153.000	12.6	1092.39	* 113.949	* 113.949	4154.000	12.6	1092.60	* 113.948	* 113.948
4155.000	12.6	1092.81	* 113.948	* 113.948	4156.000	12.6	1093.02	* 113.948	* 113.948
4157.000	12.6	1093.23	* 113.947	* 113.947	4158.000	12.6	1093.44	* 113.947	* 113.947
4159.000	12.6	1093.65	* 113.947	* 113.947	4160.000	12.6	1093.86	* 113.946	* 113.946
4161.000	12.6	1094.07	* 113.946	* 113.946	4162.000	12.6	1094.29	* 113.946	* 113.946
4163.000	12.6	1094.50	* 113.945	* 113.945	4164.000	12.6	1094.71	* 113.945	* 113.945
4165.000	12.6	1094.92	* 113.944	* 113.944	4166.000	12.6	1095.13	* 113.944	* 113.944
4167.000	12.6	1095.34	* 113.944	* 113.944	4168.000	12.6	1095.55	* 113.943	* 113.943
4169.000	12.6	1095.76	* 113.943	* 113.943	4170.000	12.6	1095.97	* 113.943	* 113.943

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge Capacity		Voltage (V)		Time	Discharge Capacity		Voltage (V)	
	Current (Amp)	(Amp-Hour)	V-	V+		Current (Amp)	(Amp-Hour)	V-	V+
4171.000	12.6	1096.18	* 113.942	* 113.942	4172.000	12.6	1096.39	* 113.942	* 113.942
4173.000	12.6	1096.60	* 113.942	* 113.942	4174.000	12.6	1096.81	* 113.941	* 113.941
4175.000	12.6	1097.02	* 113.941	* 113.941	4176.000	12.6	1097.23	* 113.941	* 113.941
4177.000	12.6	1097.44	* 113.940	* 113.940	4178.000	12.6	1097.65	* 113.940	* 113.940
4179.000	12.6	1097.86	* 113.940	* 113.940	4180.000	12.6	1098.07	* 113.939	* 113.939
4181.000	12.6	1098.28	* 113.939	* 113.939	4182.000	12.6	1098.49	* 113.939	* 113.939
4183.000	12.6	1098.70	* 113.938	* 113.938	4184.000	12.6	1098.91	* 113.938	* 113.938
4185.000	12.6	1099.12	* 113.938	* 113.938	4186.000	12.6	1099.33	* 113.937	* 113.937
4187.000	12.6	1099.54	* 113.937	* 113.937	4188.000	12.6	1099.75	* 113.936	* 113.936
4189.000	12.6	1099.96	* 113.936	* 113.936	4190.000	12.6	1100.17	* 113.936	* 113.936
4191.000	12.6	1100.38	* 113.935	* 113.935	4192.000	12.6	1100.59	* 113.935	* 113.935
4193.000	12.6	1100.80	* 113.935	* 113.935	4194.000	12.6	1101.01	* 113.934	* 113.934
4195.000	12.6	1101.22	* 113.934	* 113.934	4196.000	12.6	1101.43	* 113.934	* 113.934
4197.000	12.6	1101.65	* 113.933	* 113.933	4198.000	12.6	1101.86	* 113.933	* 113.933
4199.000	12.6	1102.07	* 113.933	* 113.933	4200.000	12.6	1102.28	* 113.932	* 113.932
4201.000	12.6	1102.49	* 113.932	* 113.932	4202.000	12.6	1102.70	* 113.932	* 113.932
4203.000	12.6	1102.91	* 113.931	* 113.931	4204.000	12.6	1103.12	* 113.931	* 113.931
4205.000	12.6	1103.33	* 113.931	* 113.931	4206.000	12.6	1103.54	* 113.930	* 113.930
4207.000	12.6	1103.75	* 113.930	* 113.930	4208.000	12.6	1103.96	* 113.929	* 113.929
4209.000	12.6	1104.17	* 113.929	* 113.929	4210.000	12.6	1104.38	* 113.929	* 113.929
4211.000	12.6	1104.59	* 113.929	* 113.929	4212.000	12.6	1104.80	* 113.929	* 113.929
4213.000	12.6	1105.01	* 113.929	* 113.929	4214.000	12.6	1105.22	* 113.929	* 113.929
4215.000	12.6	1105.43	* 113.928	* 113.928	4216.000	12.6	1105.64	* 113.928	* 113.928
4217.000	12.6	1105.85	* 113.928	* 113.928	4218.000	12.6	1106.06	* 113.928	* 113.928
4219.000	12.6	1106.27	* 113.928	* 113.928	4220.000	12.6	1106.48	* 113.928	* 113.928
4221.000	12.6	1106.69	* 113.928	* 113.928	4222.000	12.6	1106.90	* 113.927	* 113.927
4223.000	12.6	1107.11	* 113.927	* 113.927	4224.000	12.6	1107.32	* 113.927	* 113.927
4225.000	12.6	1107.53	* 113.927	* 113.927	4226.000	12.6	1107.74	* 113.927	* 113.927
4227.000	12.6	1107.95	* 113.927	* 113.927	4228.000	12.6	1108.16	* 113.926	* 113.926
4229.000	12.6	1108.37	* 113.926	* 113.926	4230.000	12.6	1108.58	* 113.926	* 113.926
4231.000	12.6	1108.79	* 113.926	* 113.926	4232.000	12.6	1109.00	* 113.926	* 113.926
4233.000	12.6	1109.22	* 113.926	* 113.926	4234.000	12.6	1109.43	* 113.926	* 113.926
4235.000	12.6	1109.64	* 113.925	* 113.925	4236.000	12.6	1109.85	* 113.925	* 113.925
4237.000	12.6	1110.06	* 113.925	* 113.925	4238.000	12.6	1110.27	* 113.925	* 113.925
4239.000	12.6	1110.48	* 113.925	* 113.925	4240.000	12.6	1110.69	* 113.925	* 113.925
4241.000	12.6	1110.90	* 113.925	* 113.925	4242.000	12.6	1111.11	* 113.924	* 113.924

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
4243.000	12.6	1111.32	*		113.924	113.924	4244.000	12.6	1111.53	*		113.924	113.924
4245.000	12.6	1111.74	*		113.924	113.924	4246.000	12.6	1111.95	*		113.924	113.924
4247.000	12.6	1112.16	*		113.924	113.924	4248.000	12.6	1112.37	*		113.924	113.924
4249.000	12.6	1112.58	*		113.923	113.923	4250.000	12.6	1112.79	*		113.923	113.923
4251.000	12.6	1113.00	*		113.923	113.923	4252.000	12.6	1113.21	*		113.923	113.923
4253.000	12.6	1113.42	*		113.923	113.923	4254.000	12.6	1113.63	*		113.923	113.923
4255.000	12.6	1113.84	*		113.922	113.922	4256.000	12.6	1114.05	*		113.922	113.922
4257.000	12.6	1114.26	*		113.922	113.922	4258.000	12.6	1114.47	*		113.922	113.922
4259.000	12.6	1114.68	*		113.922	113.922	4260.000	12.6	1114.89	*		113.922	113.922
4261.000	12.6	1115.10	*		113.922	113.922	4262.000	12.6	1115.31	*		113.921	113.921
4263.000	12.6	1115.52	*		113.921	113.921	4264.000	12.6	1115.73	*		113.921	113.921
4265.000	12.6	1115.94	*		113.921	113.921	4266.000	12.6	1116.15	*		113.921	113.921
4267.000	12.6	1116.36	*		113.921	113.921	4268.000	12.6	1116.58	*		113.921	113.921
4269.000	12.6	1116.79	*		113.920	113.920	4270.000	12.6	1117.00	*		113.920	113.920
4271.000	12.6	1117.21	*		113.920	113.920	4272.000	12.6	1117.42	*		113.920	113.920
4273.000	12.6	1117.63	*		113.920	113.920	4274.000	12.6	1117.84	*		113.920	113.920
4275.000	12.6	1118.05	*		113.919	113.919	4276.000	12.6	1118.26	*		113.919	113.919
4277.000	12.6	1118.47	*		113.919	113.919	4278.000	12.6	1118.68	*		113.919	113.919
4279.000	12.6	1118.89	*		113.919	113.919	4280.000	12.6	1119.10	*		113.919	113.919
4281.000	12.6	1119.31	*		113.919	113.919	4282.000	12.6	1119.52	*		113.918	113.918
4283.000	12.6	1119.73	*		113.918	113.918	4284.000	12.6	1119.94	*		113.918	113.918
4285.000	12.6	1120.15	*		113.918	113.918	4286.000	12.6	1120.36	*		113.918	113.918
4287.000	12.6	1120.57	*		113.918	113.918	4288.000	12.6	1120.78	*		113.918	113.918
4289.000	12.6	1120.99	*		113.917	113.917	4290.000	12.6	1121.20	*		113.917	113.917
4291.000	12.6	1121.41	*		113.917	113.917	4292.000	12.6	1121.62	*		113.917	113.917
4293.000	12.6	1121.83	*		113.917	113.917	4294.000	12.6	1122.04	*		113.917	113.917
4295.000	12.6	1122.25	*		113.916	113.916	4296.000	12.6	1122.46	*		113.916	113.916
4297.000	12.6	1122.67	*		113.916	113.916	4298.000	12.6	1122.88	*		113.916	113.916
4299.000	12.6	1123.09	*		113.916	113.916	4300.000	12.6	1123.30	*		113.916	113.916
4301.000	12.6	1123.51	*		113.916	113.916	4302.000	12.6	1123.72	*		113.915	113.915
4303.000	12.6	1123.94	*		113.915	113.915	4304.000	12.6	1124.15	*		113.915	113.915
4305.000	12.6	1124.36	*		113.915	113.915	4306.000	12.6	1124.57	*		113.915	113.915
4307.000	12.6	1124.78	*		113.915	113.915	4308.000	12.6	1124.99	*		113.915	113.915
4309.000	12.6	1125.20	*		113.914	113.914	4310.000	12.6	1125.41	*		113.914	113.914
4311.000	12.6	1125.62	*		113.914	113.914	4312.000	12.6	1125.83	*		113.914	113.914
4313.000	12.6	1126.04	*		113.914	113.914	4314.000	12.6	1126.25	*		113.914	113.914

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
4315.000	12.6	1126.46	*		113.913	113.913	4316.000	12.6	1126.67	*		113.913	113.913
4317.000	12.6	1126.88	*		113.913	113.913	4318.000	12.6	1127.09	*		113.913	113.913
4319.000	12.6	1127.30	*		113.913	113.913	4320.000	12.6	1127.51	*		113.913	113.913
4321.000	12.6	1127.72	*		113.913	113.913	4322.000	12.6	1127.93	*		113.912	113.912
4323.000	12.6	1128.14	*		113.912	113.912	4324.000	12.6	1128.35	*		113.912	113.912
4325.000	12.6	1128.56	*		113.912	113.912	4326.000	12.6	1128.77	*		113.912	113.912
4327.000	12.6	1128.98	*		113.912	113.912	4328.000	12.6	1129.19	*		113.911	113.911
4329.000	12.6	1129.40	*		113.911	113.911	4330.000	12.6	1129.61	*		113.911	113.911
4331.000	12.6	1129.82	*		113.911	113.911	4332.000	12.6	1130.03	*		113.911	113.911
4333.000	12.6	1130.24	*		113.911	113.911	4334.000	12.6	1130.45	*		113.911	113.911
4335.000	12.6	1130.66	*		113.910	113.910	4336.000	12.6	1130.87	*		113.910	113.910
4337.000	12.6	1131.08	*		113.910	113.910	4338.000	12.6	1131.29	*		113.910	113.910
4339.000	12.6	1131.51	*		113.910	113.910	4340.000	12.6	1131.72	*		113.910	113.910
4341.000	12.6	1131.93	*		113.909	113.909	4342.000	12.6	1132.14	*		113.909	113.909
4343.000	12.6	1132.35	*		113.909	113.909	4344.000	12.6	1132.56	*		113.909	113.909
4345.000	12.6	1132.77	*		113.909	113.909	4346.000	12.6	1132.98	*		113.909	113.909
4347.000	12.6	1133.19	*		113.909	113.909	4348.000	12.6	1133.40	*		113.908	113.908
4349.000	12.6	1133.61	*		113.908	113.908	4350.000	12.6	1133.82	*		113.908	113.908
4351.000	12.6	1134.03	*		113.908	113.908	4352.000	12.6	1134.24	*		113.908	113.908
4353.000	12.6	1134.45	*		113.908	113.908	4354.000	12.6	1134.66	*		113.907	113.907
4355.000	12.6	1134.87	*		113.907	113.907	4356.000	12.6	1135.08	*		113.907	113.907
4357.000	12.6	1135.29	*		113.907	113.907	4358.000	12.6	1135.50	*		113.907	113.907
4359.000	12.6	1135.71	*		113.907	113.907	4360.000	12.6	1135.92	*		113.907	113.907
4361.000	12.6	1136.13	*		113.906	113.906	4362.000	12.6	1136.34	*		113.906	113.906
4363.000	12.6	1136.55	*		113.906	113.906	4364.000	12.6	1136.76	*		113.906	113.906
4365.000	12.6	1136.97	*		113.906	113.906	4366.000	12.6	1137.18	*		113.906	113.906
4367.000	12.6	1137.39	*		113.905	113.905	4368.000	12.6	1137.60	*		113.905	113.905
4369.000	12.6	1137.81	*		113.905	113.905	4370.000	12.6	1138.02	*		113.905	113.905
4371.000	12.6	1138.23	*		113.905	113.905	4372.000	12.6	1138.44	*		113.905	113.905
4373.000	12.6	1138.65	*		113.904	113.904	4374.000	12.6	1138.87	*		113.904	113.904
4375.000	12.6	1139.08	*		113.904	113.904	4376.000	12.6	1139.29	*		113.904	113.904
4377.000	12.6	1139.50	*		113.904	113.904	4378.000	12.6	1139.71	*		113.904	113.904
4379.000	12.6	1139.92	*		113.904	113.904	4380.000	12.6	1140.13	*		113.903	113.903
4381.000	12.6	1140.34	*		113.903	113.903	4382.000	12.6	1140.55	*		113.903	113.903
4383.000	12.6	1140.76	*		113.903	113.903	4384.000	12.6	1140.97	*		113.903	113.903
4385.000	12.6	1141.18	*		113.903	113.903	4386.000	12.6	1141.39	*		113.902	113.902

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
4387.000	12.6	1141.60	* 113.902	* 113.902	4388.000	12.6	1141.81	* 113.902	* 113.902
4389.000	12.6	1142.02	* 113.902	* 113.902	4390.000	12.6	1142.23	* 113.902	* 113.902
4391.000	12.6	1142.44	* 113.902	* 113.902	4392.000	12.6	1142.65	* 113.901	* 113.901
4393.000	12.6	1142.86	* 113.901	* 113.901	4394.000	12.6	1143.07	* 113.901	* 113.901
4395.000	12.6	1143.28	* 113.901	* 113.901	4396.000	12.6	1143.49	* 113.901	* 113.901
4397.000	12.6	1143.70	* 113.901	* 113.901	4398.000	12.6	1143.91	* 113.901	* 113.901
4399.000	12.6	1144.12	* 113.900	* 113.900	4400.000	12.6	1144.33	* 113.900	* 113.900
4401.000	12.6	1144.54	* 113.900	* 113.900	4402.000	12.6	1144.75	* 113.900	* 113.900
4403.000	12.6	1144.96	* 113.900	* 113.900	4404.000	12.6	1145.17	* 113.900	* 113.900
4405.000	12.6	1145.38	* 113.899	* 113.899	4406.000	12.6	1145.59	* 113.899	* 113.899
4407.000	12.6	1145.80	* 113.899	* 113.899	4408.000	12.6	1146.01	* 113.899	* 113.899
4409.000	12.6	1146.23	* 113.899	* 113.899	4410.000	12.6	1146.44	* 113.899	* 113.899
4411.000	12.6	1146.65	* 113.898	* 113.898	4412.000	12.6	1146.86	* 113.898	* 113.898
4413.000	12.6	1147.07	* 113.898	* 113.898	4414.000	12.6	1147.28	* 113.898	* 113.898
4415.000	12.6	1147.49	* 113.898	* 113.898	4416.000	12.6	1147.70	* 113.898	* 113.898
4417.000	12.6	1147.91	* 113.898	* 113.898	4418.000	12.6	1148.12	* 113.897	* 113.897
4419.000	12.6	1148.33	* 113.897	* 113.897	4420.000	12.6	1148.54	* 113.897	* 113.897
4421.000	12.6	1148.75	* 113.897	* 113.897	4422.000	12.6	1148.96	* 113.897	* 113.897
4423.000	12.6	1149.17	* 113.897	* 113.897	4424.000	12.6	1149.38	* 113.896	* 113.896
4425.000	12.6	1149.59	* 113.896	* 113.896	4426.000	12.6	1149.80	* 113.896	* 113.896
4427.000	12.6	1150.01	* 113.896	* 113.896	4428.000	12.6	1150.22	* 113.896	* 113.896
4429.000	12.6	1150.43	* 113.896	* 113.896	4430.000	12.6	1150.64	* 113.895	* 113.895
4431.000	12.6	1150.85	* 113.895	* 113.895	4432.000	12.6	1151.06	* 113.895	* 113.895
4433.000	12.6	1151.27	* 113.895	* 113.895	4434.000	12.6	1151.48	* 113.895	* 113.895
4435.000	12.6	1151.69	* 113.895	* 113.895	4436.000	12.6	1151.90	* 113.894	* 113.894
4437.000	12.6	1152.11	* 113.894	* 113.894	4438.000	12.6	1152.32	* 113.894	* 113.894
4439.000	12.6	1152.53	* 113.894	* 113.894	4440.000	12.6	1152.74	* 113.894	* 113.894
4441.000	12.6	1152.95	* 113.894	* 113.894	4442.000	12.6	1153.16	* 113.894	* 113.894
4443.000	12.6	1153.37	* 113.893	* 113.893	4444.000	12.6	1153.58	* 113.893	* 113.893
4445.000	12.6	1153.80	* 113.893	* 113.893	4446.000	12.6	1154.01	* 113.893	* 113.893
4447.000	12.6	1154.22	* 113.893	* 113.893	4448.000	12.6	1154.43	* 113.893	* 113.893
4449.000	12.6	1154.64	* 113.892	* 113.892	4450.000	12.6	1154.85	* 113.892	* 113.892
4451.000	12.6	1155.06	* 113.892	* 113.892	4452.000	12.6	1155.27	* 113.892	* 113.892
4453.000	12.6	1155.48	* 113.892	* 113.892	4454.000	12.6	1155.69	* 113.892	* 113.892
4455.000	12.6	1155.90	* 113.891	* 113.891	4456.000	12.6	1156.11	* 113.891	* 113.891
4457.000	12.6	1156.32	* 113.891	* 113.891	4458.000	12.6	1156.53	* 113.891	* 113.891

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DIV I Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
4459.000	12.6	1156.74	*		113.891	113.891	4460.000	12.6	1156.95	*		113.891	113.891
4461.000	12.6	1157.16	*		113.890	113.890	4462.000	12.6	1157.37	*		113.890	113.890
4463.000	12.6	1157.58	*		113.890	113.890	4464.000	12.6	1157.79	*		113.890	113.890
4465.000	12.6	1158.00	*		113.890	113.890	4466.000	12.6	1158.21	*		113.890	113.890
4467.000	12.6	1158.42	*		113.889	113.889	4468.000	12.6	1158.63	*		113.889	113.889
4469.000	12.6	1158.84	*		113.889	113.889	4470.000	12.6	1159.05	*		113.889	113.889
4471.000	12.6	1159.26	*		113.889	113.889	4472.000	12.6	1159.47	*		113.889	113.889
4473.000	12.6	1159.68	*		113.888	113.888	4474.000	12.6	1159.89	*		113.888	113.888
4475.000	12.6	1160.10	*		113.888	113.888	4476.000	12.6	1160.31	*		113.888	113.888
4477.000	12.6	1160.52	*		113.888	113.888	4478.000	12.6	1160.73	*		113.888	113.888
4479.000	12.6	1160.94	*		113.887	113.887	4480.000	12.6	1161.16	*		113.887	113.887
4481.000	12.6	1161.37	*		113.887	113.887	4482.000	12.6	1161.58	*		113.887	113.887
4483.000	12.6	1161.79	*		113.887	113.887	4484.000	12.6	1162.00	*		113.887	113.887
4485.000	12.6	1162.21	*		113.886	113.886	4486.000	12.6	1162.42	*		113.886	113.886
4487.000	12.6	1162.63	*		113.886	113.886	4488.000	12.6	1162.84	*		113.886	113.886
4489.000	12.6	1163.05	*		113.886	113.886	4490.000	12.6	1163.26	*		113.886	113.886
4491.000	12.6	1163.47	*		113.886	113.886	4492.000	12.6	1163.68	*		113.885	113.885
4493.000	12.6	1163.89	*		113.885	113.885	4494.000	12.6	1164.10	*		113.885	113.885
4495.000	12.6	1164.31	*		113.885	113.885	4496.000	12.6	1164.52	*		113.885	113.885
4497.000	12.6	1164.73	*		113.885	113.885	4498.000	12.6	1164.94	*		113.884	113.884
4499.000	12.6	1165.15	*		113.884	113.884	4500.000	12.6	1165.36	*		113.884	113.884
4501.000	12.6	1165.57	*		113.884	113.884	4502.000	12.6	1165.78	*		113.884	113.884
4503.000	12.6	1165.99	*		113.884	113.884	4504.000	12.6	1166.20	*		113.883	113.883
4505.000	12.6	1166.41	*		113.883	113.883	4506.000	12.6	1166.62	*		113.883	113.883
4507.000	12.6	1166.83	*		113.883	113.883	4508.000	12.6	1167.04	*		113.883	113.883
4509.000	12.6	1167.25	*		113.883	113.883	4510.000	12.6	1167.46	*		113.882	113.882
4511.000	12.6	1167.67	*		113.882	113.882	4512.000	12.6	1167.88	*		113.882	113.882
4513.000	12.6	1168.09	*		113.882	113.882	4514.000	12.6	1168.30	*		113.882	113.882
4515.000	12.6	1168.52	*		113.882	113.882	4516.000	12.6	1168.73	*		113.881	113.881
4517.000	12.6	1168.94	*		113.881	113.881	4518.000	12.6	1169.15	*		113.881	113.881
4519.000	12.6	1169.36	*		113.881	113.881	4520.000	12.6	1169.57	*		113.881	113.881
4521.000	12.6	1169.78	*		113.881	113.881	4522.000	12.6	1169.99	*		113.880	113.880
4523.000	12.6	1170.20	*		113.880	113.880	4524.000	12.6	1170.41	*		113.880	113.880
4525.000	12.6	1170.62	*		113.880	113.880	4526.000	12.6	1170.83	*		113.880	113.880
4527.000	12.6	1171.04	*		113.880	113.880	4528.000	12.6	1171.25	*		113.879	113.879
4529.000	12.6	1171.46	*		113.879	113.879	4530.000	12.6	1171.67	*		113.879	113.879

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## DIV I Battery 1A 48-Hour Coping Study

Time	Discharge Capacity		Voltage (V)		Time	Discharge Capacity		Voltage (V)	
	Current (Amp)	(Amp-Hour)	V-	V+		Current (Amp)	(Amp-Hour)	V-	V+
4531.000	12.6	1171.88	* 113.879	* 113.879	4532.000	12.6	1172.09	* 113.879	* 113.879
4533.000	12.6	1172.30	* 113.879	* 113.879	4534.000	12.6	1172.51	* 113.878	* 113.878
4535.000	12.6	1172.72	* 113.878	* 113.878	4536.000	12.6	1172.93	* 113.878	* 113.878
4537.000	12.6	1173.14	* 113.878	* 113.878	4538.000	12.6	1173.35	* 113.878	* 113.878
4539.000	12.6	1173.56	* 113.878	* 113.878	4540.000	12.6	1173.77	* 113.877	* 113.877
4541.000	12.6	1173.98	* 113.877	* 113.877	4542.000	12.6	1174.19	* 113.877	* 113.877
4543.000	12.6	1174.40	* 113.877	* 113.877	4544.000	12.6	1174.61	* 113.877	* 113.877
4545.000	12.6	1174.82	* 113.876	* 113.876	4546.000	12.6	1175.03	* 113.876	* 113.876
4547.000	12.6	1175.24	* 113.876	* 113.876	4548.000	12.6	1175.45	* 113.876	* 113.876
4549.000	12.6	1175.66	* 113.876	* 113.876	4550.000	12.6	1175.88	* 113.876	* 113.876
4551.000	12.6	1176.09	* 113.875	* 113.875	4552.000	12.6	1176.30	* 113.875	* 113.875
4553.000	12.6	1176.51	* 113.875	* 113.875	4554.000	12.6	1176.72	* 113.875	* 113.875
4555.000	12.6	1176.93	* 113.875	* 113.875	4556.000	12.6	1177.14	* 113.875	* 113.875
4557.000	12.6	1177.35	* 113.874	* 113.874	4558.000	12.6	1177.56	* 113.874	* 113.874
4559.000	12.6	1177.77	* 113.874	* 113.874	4560.000	12.6	1177.98	* 113.874	* 113.874
4561.000	12.6	1178.19	* 113.874	* 113.874	4562.000	12.6	1178.40	* 113.874	* 113.874
4563.000	12.6	1178.61	* 113.873	* 113.873	4564.000	12.6	1178.82	* 113.873	* 113.873
4565.000	12.6	1179.03	* 113.873	* 113.873	4566.000	12.6	1179.24	* 113.873	* 113.873
4567.000	12.6	1179.45	* 113.873	* 113.873	4568.000	12.6	1179.66	* 113.873	* 113.873
4569.000	12.6	1179.87	* 113.872	* 113.872	4570.000	12.6	1180.08	* 113.872	* 113.872
4571.000	12.6	1180.29	* 113.872	* 113.872	4572.000	12.6	1180.50	* 113.872	* 113.872
4573.000	12.6	1180.71	* 113.872	* 113.872	4574.000	12.6	1180.92	* 113.871	* 113.871
4575.000	12.6	1181.13	* 113.871	* 113.871	4576.000	12.6	1181.34	* 113.871	* 113.871
4577.000	12.6	1181.55	* 113.870	* 113.870	4578.000	12.6	1181.76	* 113.870	* 113.870
4579.000	12.6	1181.97	* 113.870	* 113.870	4580.000	12.6	1182.18	* 113.869	* 113.869
4581.000	12.6	1182.39	* 113.869	* 113.869	4582.000	12.6	1182.60	* 113.869	* 113.869
4583.000	12.6	1182.81	* 113.868	* 113.868	4584.000	12.6	1183.02	* 113.868	* 113.868
4585.000	12.6	1183.23	* 113.868	* 113.868	4586.000	12.6	1183.45	* 113.867	* 113.867
4587.000	12.6	1183.66	* 113.867	* 113.867	4588.000	12.6	1183.87	* 113.866	* 113.866
4589.000	12.6	1184.08	* 113.866	* 113.866	4590.000	12.6	1184.29	* 113.866	* 113.866
4591.000	12.6	1184.50	* 113.865	* 113.865	4592.000	12.6	1184.71	* 113.865	* 113.865
4593.000	12.6	1184.92	* 113.865	* 113.865	4594.000	12.6	1185.13	* 113.864	* 113.864
4595.000	12.6	1185.34	* 113.864	* 113.864	4596.000	12.6	1185.55	* 113.864	* 113.864
4597.000	12.6	1185.76	* 113.863	* 113.863	4598.000	12.6	1185.97	* 113.863	* 113.863
4599.000	12.6	1186.18	* 113.862	* 113.862	4600.000	12.6	1186.39	* 113.862	* 113.862
4601.000	12.6	1186.60	* 113.862	* 113.862	4602.000	12.6	1186.81	* 113.861	* 113.861

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Filename:	CPS SBO Study		Config.:	Normal

## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
4603.000	12.6	1187.02	*	113.861	* 113.861		4604.000	12.6	1187.23	*	113.861	* 113.861	
4605.000	12.6	1187.44	*	113.860	* 113.860		4606.000	12.6	1187.65	*	113.860	* 113.860	
4607.000	12.6	1187.86	*	113.860	* 113.860		4608.000	12.6	1188.07	*	113.859	* 113.859	
4609.000	12.6	1188.28	*	113.859	* 113.859		4610.000	12.6	1188.49	*	113.859	* 113.859	
4611.000	12.6	1188.70	*	113.858	* 113.858		4612.000	12.6	1188.91	*	113.858	* 113.858	
4613.000	12.6	1189.12	*	113.857	* 113.857		4614.000	12.6	1189.33	*	113.857	* 113.857	
4615.000	12.6	1189.54	*	113.857	* 113.857		4616.000	12.6	1189.75	*	113.856	* 113.856	
4617.000	12.6	1189.96	*	113.856	* 113.856		4618.000	12.6	1190.17	*	113.856	* 113.856	
4619.000	12.6	1190.38	*	113.855	* 113.855		4620.000	12.6	1190.59	*	113.855	* 113.855	
4621.000	12.6	1190.81	*	113.855	* 113.855		4622.000	12.6	1191.02	*	113.854	* 113.854	
4623.000	12.6	1191.23	*	113.854	* 113.854		4624.000	12.6	1191.44	*	113.853	* 113.853	
4625.000	12.6	1191.65	*	113.853	* 113.853		4626.000	12.6	1191.86	*	113.853	* 113.853	
4627.000	12.6	1192.07	*	113.852	* 113.852		4628.000	12.6	1192.28	*	113.852	* 113.852	
4629.000	12.6	1192.49	*	113.852	* 113.852		4630.000	12.6	1192.70	*	113.851	* 113.851	
4631.000	12.6	1192.91	*	113.851	* 113.851		4632.000	12.6	1193.12	*	113.851	* 113.851	
4633.000	12.6	1193.33	*	113.850	* 113.850		4634.000	12.6	1193.54	*	113.850	* 113.850	
4635.000	12.6	1193.75	*	113.849	* 113.849		4636.000	12.6	1193.96	*	113.849	* 113.849	
4637.000	12.6	1194.17	*	113.849	* 113.849		4638.000	12.6	1194.38	*	113.848	* 113.848	
4639.000	12.6	1194.59	*	113.848	* 113.848		4640.000	12.6	1194.80	*	113.848	* 113.848	
4641.000	12.6	1195.01	*	113.847	* 113.847		4642.000	12.6	1195.22	*	113.847	* 113.847	
4643.000	12.6	1195.43	*	113.847	* 113.847		4644.000	12.6	1195.64	*	113.846	* 113.846	
4645.000	12.6	1195.85	*	113.846	* 113.846		4646.000	12.6	1196.06	*	113.845	* 113.845	
4647.000	12.6	1196.27	*	113.845	* 113.845		4648.000	12.6	1196.48	*	113.845	* 113.845	
4649.000	12.6	1196.69	*	113.844	* 113.844		4650.000	12.6	1196.90	*	113.844	* 113.844	
4651.000	12.6	1197.11	*	113.844	* 113.844		4652.000	12.6	1197.32	*	113.843	* 113.843	
4653.000	12.6	1197.53	*	113.843	* 113.843		4654.000	12.6	1197.74	*	113.843	* 113.843	
4655.000	12.6	1197.95	*	113.842	* 113.842		4656.000	12.6	1198.17	*	113.842	* 113.842	
4657.000	12.6	1198.38	*	113.841	* 113.841		4658.000	12.6	1198.59	*	113.841	* 113.841	
4659.000	12.6	1198.80	*	113.841	* 113.841		4660.000	12.6	1199.01	*	113.840	* 113.840	
4661.000	12.6	1199.22	*	113.840	* 113.840		4662.000	12.6	1199.43	*	113.840	* 113.840	
4663.000	12.6	1199.64	*	113.839	* 113.839		4664.000	12.6	1199.85	*	113.839	* 113.839	
4665.000	12.6	1200.06	*	113.838	* 113.838		4666.000	12.6	1200.27	*	113.838	* 113.838	
4667.000	12.6	1200.48	*	113.838	* 113.838		4668.000	12.6	1200.69	*	113.837	* 113.837	
4669.000	12.6	1200.90	*	113.837	* 113.837		4670.000	12.6	1201.11	*	113.837	* 113.837	
4671.000	12.6	1201.32	*	113.836	* 113.836		4672.000	12.6	1201.53	*	113.836	* 113.836	
4673.000	12.6	1201.74	*	113.836	* 113.836		4674.000	12.6	1201.95	*	113.835	* 113.835	

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
4675.000	12.6	1202.16	*	113.835	* 113.835		4676.000	12.6	1202.37	*	113.834	* 113.834	
4677.000	12.6	1202.58	*	113.834	* 113.834		4678.000	12.6	1202.79	*	113.834	* 113.834	
4679.000	12.6	1203.00	*	113.833	* 113.833		4680.000	12.6	1203.21	*	113.833	* 113.833	
4681.000	12.6	1203.42	*	113.833	* 113.833		4682.000	12.6	1203.63	*	113.832	* 113.832	
4683.000	12.6	1203.84	*	113.832	* 113.832		4684.000	12.6	1204.05	*	113.831	* 113.831	
4685.000	12.6	1204.26	*	113.831	* 113.831		4686.000	12.6	1204.47	*	113.831	* 113.831	
4687.000	12.6	1204.68	*	113.830	* 113.830		4688.000	12.6	1204.89	*	113.830	* 113.830	
4689.000	12.6	1205.10	*	113.830	* 113.830		4690.000	12.6	1205.31	*	113.829	* 113.829	
4691.000	12.6	1205.52	*	113.829	* 113.829		4692.000	12.6	1205.74	*	113.829	* 113.829	
4693.000	12.6	1205.95	*	113.828	* 113.828		4694.000	12.6	1206.16	*	113.828	* 113.828	
4695.000	12.6	1206.37	*	113.827	* 113.827		4696.000	12.6	1206.58	*	113.827	* 113.827	
4697.000	12.6	1206.79	*	113.827	* 113.827		4698.000	12.6	1207.00	*	113.826	* 113.826	
4699.000	12.6	1207.21	*	113.826	* 113.826		4700.000	12.6	1207.42	*	113.826	* 113.826	
4701.000	12.6	1207.63	*	113.825	* 113.825		4702.000	12.6	1207.84	*	113.825	* 113.825	
4703.000	12.6	1208.05	*	113.824	* 113.824		4704.000	12.6	1208.26	*	113.824	* 113.824	
4705.000	12.6	1208.47	*	113.824	* 113.824		4706.000	12.6	1208.68	*	113.823	* 113.823	
4707.000	12.6	1208.89	*	113.823	* 113.823		4708.000	12.6	1209.10	*	113.823	* 113.823	
4709.000	12.6	1209.31	*	113.822	* 113.822		4710.000	12.6	1209.52	*	113.822	* 113.822	
4711.000	12.6	1209.73	*	113.821	* 113.821		4712.000	12.6	1209.94	*	113.821	* 113.821	
4713.000	12.6	1210.15	*	113.821	* 113.821		4714.000	12.6	1210.36	*	113.820	* 113.820	
4715.000	12.6	1210.57	*	113.820	* 113.820		4716.000	12.6	1210.78	*	113.820	* 113.820	
4717.000	12.6	1210.99	*	113.819	* 113.819		4718.000	12.6	1211.20	*	113.819	* 113.819	
4719.000	12.6	1211.41	*	113.818	* 113.818		4720.000	12.6	1211.62	*	113.818	* 113.818	
4721.000	12.6	1211.83	*	113.818	* 113.818		4722.000	12.6	1212.04	*	113.817	* 113.817	
4723.000	12.6	1212.25	*	113.817	* 113.817		4724.000	12.6	1212.46	*	113.817	* 113.817	
4725.000	12.6	1212.67	*	113.816	* 113.816		4726.000	12.6	1212.88	*	113.816	* 113.816	
4727.000	12.6	1213.10	*	113.815	* 113.815		4728.000	12.6	1213.31	*	113.815	* 113.815	
4729.000	12.6	1213.52	*	113.815	* 113.815		4730.000	12.6	1213.73	*	113.814	* 113.814	
4731.000	12.6	1213.94	*	113.814	* 113.814		4732.000	12.6	1214.15	*	113.814	* 113.814	
4733.000	12.6	1214.36	*	113.813	* 113.813		4734.000	12.6	1214.57	*	113.813	* 113.813	
4735.000	12.6	1214.78	*	113.812	* 113.812		4736.000	12.6	1214.99	*	113.812	* 113.812	
4737.000	12.6	1215.20	*	113.812	* 113.812		4738.000	12.6	1215.41	*	113.811	* 113.811	
4739.000	12.6	1215.62	*	113.811	* 113.811		4740.000	12.6	1215.83	*	113.811	* 113.811	
4741.000	12.6	1216.04	*	113.810	* 113.810		4742.000	12.6	1216.25	*	113.810	* 113.810	
4743.000	12.6	1216.46	*	113.809	* 113.809		4744.000	12.6	1216.67	*	113.809	* 113.809	
4745.000	12.6	1216.88	*	113.809	* 113.809		4746.000	12.6	1217.09	*	113.808	* 113.808	

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
4747.000	12.6	1217.30	* 113.808	* 113.808	4748.000	12.6	1217.51	* 113.807	* 113.807
4749.000	12.6	1217.72	* 113.807	* 113.807	4750.000	12.6	1217.93	* 113.807	* 113.807
4751.000	12.6	1218.14	* 113.806	* 113.806	4752.000	12.6	1218.35	* 113.806	* 113.806
4753.000	12.6	1218.56	* 113.806	* 113.806	4754.000	12.6	1218.77	* 113.805	* 113.805
4755.000	12.6	1218.98	* 113.805	* 113.805	4756.000	12.6	1219.19	* 113.804	* 113.804
4757.000	12.6	1219.40	* 113.804	* 113.804	4758.000	12.6	1219.61	* 113.804	* 113.804
4759.000	12.6	1219.82	* 113.803	* 113.803	4760.000	12.6	1220.03	* 113.803	* 113.803
4761.000	12.6	1220.24	* 113.803	* 113.803	4762.000	12.6	1220.46	* 113.802	* 113.802
4763.000	12.6	1220.67	* 113.802	* 113.802	4764.000	12.6	1220.88	* 113.801	* 113.801
4765.000	12.6	1221.09	* 113.801	* 113.801	4766.000	12.6	1221.30	* 113.801	* 113.801
4767.000	12.6	1221.51	* 113.800	* 113.800	4768.000	12.6	1221.72	* 113.800	* 113.800
4769.000	12.6	1221.93	* 113.799	* 113.799	4770.000	12.6	1222.14	* 113.799	* 113.799
4771.000	12.6	1222.35	* 113.799	* 113.799	4772.000	12.6	1222.56	* 113.798	* 113.798
4773.000	12.6	1222.77	* 113.798	* 113.798	4774.000	12.6	1222.98	* 113.798	* 113.798
4775.000	12.6	1223.19	* 113.797	* 113.797	4776.000	12.6	1223.40	* 113.797	* 113.797
4777.000	12.6	1223.61	* 113.796	* 113.796	4778.000	12.6	1223.82	* 113.796	* 113.796
4779.000	12.6	1224.03	* 113.796	* 113.796	4780.000	12.6	1224.24	* 113.795	* 113.795
4781.000	12.6	1224.45	* 113.795	* 113.795	4782.000	12.6	1224.66	* 113.794	* 113.794
4783.000	12.6	1224.87	* 113.794	* 113.794	4784.000	12.6	1225.08	* 113.794	* 113.794
4785.000	12.6	1225.29	* 113.793	* 113.793	4786.000	12.6	1225.50	* 113.793	* 113.793
4787.000	12.6	1225.71	* 113.793	* 113.793	4788.000	12.6	1225.92	* 113.792	* 113.792
4789.000	12.6	1226.13	* 113.792	* 113.792	4790.000	12.6	1226.34	* 113.791	* 113.791
4791.000	12.6	1226.55	* 113.791	* 113.791	4792.000	12.6	1226.76	* 113.791	* 113.791
4793.000	12.6	1226.97	* 113.790	* 113.790	4794.000	12.6	1227.18	* 113.790	* 113.790
4795.000	12.6	1227.39	* 113.789	* 113.789	4796.000	12.6	1227.60	* 113.789	* 113.789
4797.000	12.6	1227.81	* 113.789	* 113.789	4798.000	12.6	1228.03	* 113.788	* 113.788
4799.000	12.6	1228.24	* 113.788	* 113.788	4800.000	12.6	1228.45	* 113.788	* 113.788
4801.000	12.6	1228.66	* 113.787	* 113.787	4802.000	12.6	1228.87	* 113.787	* 113.787
4803.000	12.6	1229.08	* 113.786	* 113.786	4804.000	12.6	1229.29	* 113.786	* 113.786
4805.000	12.6	1229.50	* 113.786	* 113.786	4806.000	12.6	1229.71	* 113.785	* 113.785
4807.000	12.6	1229.92	* 113.785	* 113.785	4808.000	12.6	1230.13	* 113.784	* 113.784
4809.000	12.6	1230.34	* 113.784	* 113.784	4810.000	12.6	1230.55	* 113.784	* 113.784
4811.000	12.6	1230.76	* 113.783	* 113.783	4812.000	12.6	1230.97	* 113.783	* 113.783
4813.000	12.6	1231.18	* 113.783	* 113.783	4814.000	12.6	1231.39	* 113.782	* 113.782
4815.000	12.6	1231.60	* 113.782	* 113.782	4816.000	12.6	1231.81	* 113.781	* 113.781
4817.000	12.6	1232.02	* 113.781	* 113.781	4818.000	12.6	1232.23	* 113.781	* 113.781

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
4819.000	12.6	1232.44	* 113.780	* 113.780	4820.000	12.6	1232.65	* 113.780	* 113.780
4821.000	12.6	1232.86	* 113.779	* 113.779	4822.000	12.6	1233.07	* 113.779	* 113.779
4823.000	12.6	1233.28	* 113.779	* 113.779	4824.000	12.6	1233.49	* 113.778	* 113.778
4825.000	12.6	1233.70	* 113.778	* 113.778	4826.000	12.6	1233.91	* 113.777	* 113.777
4827.000	12.6	1234.12	* 113.777	* 113.777	4828.000	12.6	1234.33	* 113.777	* 113.777
4829.000	12.6	1234.54	* 113.776	* 113.776	4830.000	12.6	1234.75	* 113.776	* 113.776
4831.000	12.6	1234.96	* 113.776	* 113.776	4832.000	12.6	1235.17	* 113.775	* 113.775
4833.000	12.6	1235.39	* 113.775	* 113.775	4834.000	12.6	1235.60	* 113.774	* 113.774
4835.000	12.6	1235.81	* 113.774	* 113.774	4836.000	12.6	1236.02	* 113.774	* 113.774
4837.000	12.6	1236.23	* 113.773	* 113.773	4838.000	12.6	1236.44	* 113.773	* 113.773
4839.000	12.6	1236.65	* 113.772	* 113.772	4840.000	12.6	1236.86	* 113.772	* 113.772
4841.000	12.6	1237.07	* 113.772	* 113.772	4842.000	12.6	1237.28	* 113.771	* 113.771
4843.000	12.6	1237.49	* 113.771	* 113.771	4844.000	12.6	1237.70	* 113.770	* 113.770
4845.000	12.6	1237.91	* 113.770	* 113.770	4846.000	12.6	1238.12	* 113.770	* 113.770
4847.000	12.6	1238.33	* 113.769	* 113.769	4848.000	12.6	1238.54	* 113.769	* 113.769
4849.000	12.6	1238.75	* 113.768	* 113.768	4850.000	12.6	1238.96	* 113.768	* 113.768
4851.000	12.6	1239.17	* 113.768	* 113.768	4852.000	12.6	1239.38	* 113.767	* 113.767
4853.000	12.6	1239.59	* 113.767	* 113.767	4854.000	12.6	1239.80	* 113.766	* 113.766
4855.000	12.6	1240.01	* 113.766	* 113.766	4856.000	12.6	1240.22	* 113.766	* 113.766
4857.000	12.6	1240.43	* 113.765	* 113.765	4858.000	12.6	1240.64	* 113.765	* 113.765
4859.000	12.6	1240.85	* 113.764	* 113.764	4860.000	12.6	1241.06	* 113.764	* 113.764
4861.000	12.6	1241.27	* 113.764	* 113.764	4862.000	12.6	1241.48	* 113.763	* 113.763
4863.000	12.6	1241.69	* 113.763	* 113.763	4864.000	12.6	1241.90	* 113.763	* 113.763
4865.000	12.6	1242.11	* 113.762	* 113.762	4866.000	12.6	1242.32	* 113.762	* 113.762
4867.000	12.6	1242.53	* 113.761	* 113.761	4868.000	12.6	1242.75	* 113.761	* 113.761
4869.000	12.6	1242.96	* 113.761	* 113.761	4870.000	12.6	1243.17	* 113.760	* 113.760
4871.000	12.6	1243.38	* 113.760	* 113.760	4872.000	12.6	1243.59	* 113.759	* 113.759
4873.000	12.6	1243.80	* 113.759	* 113.759	4874.000	12.6	1244.01	* 113.759	* 113.759
4875.000	12.6	1244.22	* 113.758	* 113.758	4876.000	12.6	1244.43	* 113.758	* 113.758
4877.000	12.6	1244.64	* 113.757	* 113.757	4878.000	12.6	1244.85	* 113.757	* 113.757
4879.000	12.6	1245.06	* 113.757	* 113.757	4880.000	12.6	1245.27	* 113.756	* 113.756
4881.000	12.6	1245.48	* 113.756	* 113.756	4882.000	12.6	1245.69	* 113.755	* 113.755
4883.000	12.6	1245.90	* 113.755	* 113.755	4884.000	12.6	1246.11	* 113.755	* 113.755
4885.000	12.6	1246.32	* 113.754	* 113.754	4886.000	12.6	1246.53	* 113.754	* 113.754
4887.000	12.6	1246.74	* 113.753	* 113.753	4888.000	12.6	1246.95	* 113.753	* 113.753
4889.000	12.6	1247.16	* 113.753	* 113.753	4890.000	12.6	1247.37	* 113.752	* 113.752

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
4891.000	12.6	1247.58	* 113.752	* 113.752	4892.000	12.6	1247.79	* 113.751	* 113.751
4893.000	12.6	1248.00	* 113.751	* 113.751	4894.000	12.6	1248.21	* 113.751	* 113.751
4895.000	12.6	1248.42	* 113.750	* 113.750	4896.000	12.6	1248.63	* 113.750	* 113.750
4897.000	12.6	1248.84	* 113.749	* 113.749	4898.000	12.6	1249.05	* 113.749	* 113.749
4899.000	12.6	1249.26	* 113.749	* 113.749	4900.000	12.6	1249.47	* 113.748	* 113.748
4901.000	12.6	1249.68	* 113.748	* 113.748	4902.000	12.6	1249.89	* 113.747	* 113.747
4903.000	12.6	1250.10	* 113.747	* 113.747	4904.000	12.6	1250.32	* 113.747	* 113.747
4905.000	12.6	1250.53	* 113.746	* 113.746	4906.000	12.6	1250.74	* 113.746	* 113.746
4907.000	12.6	1250.95	* 113.745	* 113.745	4908.000	12.6	1251.16	* 113.745	* 113.745
4909.000	12.6	1251.37	* 113.745	* 113.745	4910.000	12.6	1251.58	* 113.744	* 113.744
4911.000	12.6	1251.79	* 113.744	* 113.744	4912.000	12.6	1252.00	* 113.743	* 113.743
4913.000	12.6	1252.21	* 113.743	* 113.743	4914.000	12.6	1252.42	* 113.743	* 113.743
4915.000	12.6	1252.63	* 113.742	* 113.742	4916.000	12.6	1252.84	* 113.742	* 113.742
4917.000	12.6	1253.05	* 113.741	* 113.741	4918.000	12.6	1253.26	* 113.741	* 113.741
4919.000	12.6	1253.47	* 113.741	* 113.741	4920.000	12.6	1253.68	* 113.740	* 113.740
4921.000	12.6	1253.89	* 113.740	* 113.740	4922.000	12.6	1254.10	* 113.739	* 113.739
4923.000	12.6	1254.31	* 113.739	* 113.739	4924.000	12.6	1254.52	* 113.738	* 113.738
4925.000	12.6	1254.73	* 113.738	* 113.738	4926.000	12.6	1254.94	* 113.738	* 113.738
4927.000	12.6	1255.15	* 113.737	* 113.737	4928.000	12.6	1255.36	* 113.737	* 113.737
4929.000	12.6	1255.57	* 113.736	* 113.736	4930.000	12.6	1255.78	* 113.736	* 113.736
4931.000	12.6	1255.99	* 113.736	* 113.736	4932.000	12.6	1256.20	* 113.735	* 113.735
4933.000	12.6	1256.41	* 113.735	* 113.735	4934.000	12.6	1256.62	* 113.734	* 113.734
4935.000	12.6	1256.83	* 113.734	* 113.734	4936.000	12.6	1257.04	* 113.734	* 113.734
4937.000	12.6	1257.25	* 113.733	* 113.733	4938.000	12.6	1257.46	* 113.733	* 113.733
4939.000	12.6	1257.68	* 113.732	* 113.732	4940.000	12.6	1257.89	* 113.732	* 113.732
4941.000	12.6	1258.10	* 113.732	* 113.732	4942.000	12.6	1258.31	* 113.731	* 113.731
4943.000	12.6	1258.52	* 113.731	* 113.731	4944.000	12.6	1258.73	* 113.730	* 113.730
4945.000	12.6	1258.94	* 113.730	* 113.730	4946.000	12.6	1259.15	* 113.730	* 113.730
4947.000	12.6	1259.36	* 113.729	* 113.729	4948.000	12.6	1259.57	* 113.729	* 113.729
4949.000	12.6	1259.78	* 113.728	* 113.728	4950.000	12.6	1259.99	* 113.728	* 113.728
4951.000	12.6	1260.20	* 113.728	* 113.728	4952.000	12.6	1260.41	* 113.727	* 113.727
4953.000	12.6	1260.62	* 113.727	* 113.727	4954.000	12.6	1260.83	* 113.726	* 113.726
4955.000	12.6	1261.04	* 113.726	* 113.726	4956.000	12.6	1261.25	* 113.725	* 113.725
4957.000	12.6	1261.46	* 113.725	* 113.725	4958.000	12.6	1261.67	* 113.725	* 113.725
4959.000	12.6	1261.88	* 113.724	* 113.724	4960.000	12.6	1262.09	* 113.724	* 113.724
4961.000	12.6	1262.30	* 113.723	* 113.723	4962.000	12.6	1262.51	* 113.723	* 113.723

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
4963.000	12.6	1262.72	* 113.723	* 113.723	4964.000	12.6	1262.93	* 113.722	* 113.722
4965.000	12.6	1263.14	* 113.722	* 113.722	4966.000	12.6	1263.35	* 113.721	* 113.721
4967.000	12.6	1263.56	* 113.721	* 113.721	4968.000	12.6	1263.77	* 113.721	* 113.721
4969.000	12.6	1263.98	* 113.720	* 113.720	4970.000	12.6	1264.19	* 113.720	* 113.720
4971.000	12.6	1264.40	* 113.719	* 113.719	4972.000	12.6	1264.61	* 113.719	* 113.719
4973.000	12.6	1264.82	* 113.718	* 113.718	4974.000	12.6	1265.04	* 113.718	* 113.718
4975.000	12.6	1265.25	* 113.718	* 113.718	4976.000	12.6	1265.46	* 113.717	* 113.717
4977.000	12.6	1265.67	* 113.717	* 113.717	4978.000	12.6	1265.88	* 113.716	* 113.716
4979.000	12.6	1266.09	* 113.716	* 113.716	4980.000	12.6	1266.30	* 113.716	* 113.716
4981.000	12.6	1266.51	* 113.715	* 113.715	4982.000	12.6	1266.72	* 113.715	* 113.715
4983.000	12.6	1266.93	* 113.714	* 113.714	4984.000	12.6	1267.14	* 113.714	* 113.714
4985.000	12.6	1267.35	* 113.714	* 113.714	4986.000	12.6	1267.56	* 113.713	* 113.713
4987.000	12.6	1267.77	* 113.713	* 113.713	4988.000	12.6	1267.98	* 113.713	* 113.713
4989.000	12.6	1268.19	* 113.713	* 113.713	4990.000	12.6	1268.40	* 113.713	* 113.713
4991.000	12.6	1268.61	* 113.712	* 113.712	4992.000	12.6	1268.82	* 113.712	* 113.712
4993.000	12.6	1269.03	* 113.712	* 113.712	4994.000	12.6	1269.24	* 113.712	* 113.712
4995.000	12.6	1269.45	* 113.711	* 113.711	4996.000	12.6	1269.66	* 113.711	* 113.711
4997.000	12.6	1269.87	* 113.711	* 113.711	4998.000	12.6	1270.08	* 113.711	* 113.711
4999.000	12.6	1270.29	* 113.711	* 113.711	5000.000	12.6	1270.50	* 113.710	* 113.710
5001.000	12.6	1270.71	* 113.710	* 113.710	5002.000	12.6	1270.92	* 113.710	* 113.710
5003.000	12.6	1271.13	* 113.710	* 113.710	5004.000	12.6	1271.34	* 113.709	* 113.709
5005.000	12.6	1271.55	* 113.709	* 113.709	5006.000	12.6	1271.76	* 113.709	* 113.709
5007.000	12.6	1271.97	* 113.709	* 113.709	5008.000	12.6	1272.18	* 113.708	* 113.708
5009.000	12.6	1272.40	* 113.708	* 113.708	5010.000	12.6	1272.61	* 113.708	* 113.708
5011.000	12.6	1272.82	* 113.708	* 113.708	5012.000	12.6	1273.03	* 113.708	* 113.708
5013.000	12.6	1273.24	* 113.707	* 113.707	5014.000	12.6	1273.45	* 113.707	* 113.707
5015.000	12.6	1273.66	* 113.707	* 113.707	5016.000	12.6	1273.87	* 113.707	* 113.707
5017.000	12.6	1274.08	* 113.706	* 113.706	5018.000	12.6	1274.29	* 113.706	* 113.706
5019.000	12.6	1274.50	* 113.706	* 113.706	5020.000	12.6	1274.71	* 113.706	* 113.706
5021.000	12.6	1274.92	* 113.706	* 113.706	5022.000	12.6	1275.13	* 113.705	* 113.705
5023.000	12.6	1275.34	* 113.705	* 113.705	5024.000	12.6	1275.55	* 113.705	* 113.705
5025.000	12.6	1275.76	* 113.705	* 113.705	5026.000	12.6	1275.97	* 113.704	* 113.704
5027.000	12.6	1276.18	* 113.704	* 113.704	5028.000	12.6	1276.39	* 113.704	* 113.704
5029.000	12.6	1276.60	* 113.704	* 113.704	5030.000	12.6	1276.81	* 113.703	* 113.703
5031.000	12.6	1277.02	* 113.703	* 113.703	5032.000	12.6	1277.23	* 113.703	* 113.703
5033.000	12.6	1277.44	* 113.703	* 113.703	5034.000	12.6	1277.65	* 113.703	* 113.703

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
5035.000	12.6	1277.86	* 113.702	* 113.702	5036.000	12.6	1278.07	* 113.702	* 113.702
5037.000	12.6	1278.28	* 113.702	* 113.702	5038.000	12.6	1278.49	* 113.702	* 113.702
5039.000	12.6	1278.70	* 113.701	* 113.701	5040.000	12.6	1278.91	* 113.701	* 113.701
5041.000	12.6	1279.12	* 113.701	* 113.701	5042.000	12.6	1279.33	* 113.701	* 113.701
5043.000	12.6	1279.54	* 113.701	* 113.701	5044.000	12.6	1279.76	* 113.700	* 113.700
5045.000	12.6	1279.97	* 113.700	* 113.700	5046.000	12.6	1280.18	* 113.700	* 113.700
5047.000	12.6	1280.39	* 113.700	* 113.700	5048.000	12.6	1280.60	* 113.699	* 113.699
5049.000	12.6	1280.81	* 113.699	* 113.699	5050.000	12.6	1281.02	* 113.699	* 113.699
5051.000	12.6	1281.23	* 113.699	* 113.699	5052.000	12.6	1281.44	* 113.698	* 113.698
5053.000	12.6	1281.65	* 113.698	* 113.698	5054.000	12.6	1281.86	* 113.698	* 113.698
5055.000	12.6	1282.07	* 113.698	* 113.698	5056.000	12.6	1282.28	* 113.698	* 113.698
5057.000	12.6	1282.49	* 113.697	* 113.697	5058.000	12.6	1282.70	* 113.697	* 113.697
5059.000	12.6	1282.91	* 113.697	* 113.697	5060.000	12.6	1283.12	* 113.697	* 113.697
5061.000	12.6	1283.33	* 113.696	* 113.696	5062.000	12.6	1283.54	* 113.696	* 113.696
5063.000	12.6	1283.75	* 113.696	* 113.696	5064.000	12.6	1283.96	* 113.696	* 113.696
5065.000	12.6	1284.17	* 113.695	* 113.695	5066.000	12.6	1284.38	* 113.695	* 113.695
5067.000	12.6	1284.59	* 113.695	* 113.695	5068.000	12.6	1284.80	* 113.695	* 113.695
5069.000	12.6	1285.01	* 113.694	* 113.694	5070.000	12.6	1285.22	* 113.694	* 113.694
5071.000	12.6	1285.43	* 113.694	* 113.694	5072.000	12.6	1285.64	* 113.694	* 113.694
5073.000	12.6	1285.85	* 113.694	* 113.694	5074.000	12.6	1286.06	* 113.693	* 113.693
5075.000	12.6	1286.27	* 113.693	* 113.693	5076.000	12.6	1286.48	* 113.693	* 113.693
5077.000	12.6	1286.69	* 113.693	* 113.693	5078.000	12.6	1286.90	* 113.692	* 113.692
5079.000	12.6	1287.11	* 113.692	* 113.692	5080.000	12.6	1287.33	* 113.692	* 113.692
5081.000	12.6	1287.54	* 113.692	* 113.692	5082.000	12.6	1287.75	* 113.691	* 113.691
5083.000	12.6	1287.96	* 113.691	* 113.691	5084.000	12.6	1288.17	* 113.691	* 113.691
5085.000	12.6	1288.38	* 113.691	* 113.691	5086.000	12.6	1288.59	* 113.691	* 113.691
5087.000	12.6	1288.80	* 113.690	* 113.690	5088.000	12.6	1289.01	* 113.690	* 113.690
5089.000	12.6	1289.22	* 113.690	* 113.690	5090.000	12.6	1289.43	* 113.690	* 113.690
5091.000	12.6	1289.64	* 113.689	* 113.689	5092.000	12.6	1289.85	* 113.689	* 113.689
5093.000	12.6	1290.06	* 113.689	* 113.689	5094.000	12.6	1290.27	* 113.689	* 113.689
5095.000	12.6	1290.48	* 113.688	* 113.688	5096.000	12.6	1290.69	* 113.688	* 113.688
5097.000	12.6	1290.90	* 113.688	* 113.688	5098.000	12.6	1291.11	* 113.688	* 113.688
5099.000	12.6	1291.32	* 113.687	* 113.687	5100.000	12.6	1291.53	* 113.687	* 113.687
5101.000	12.6	1291.74	* 113.687	* 113.687	5102.000	12.6	1291.95	* 113.687	* 113.687
5103.000	12.6	1292.16	* 113.687	* 113.687	5104.000	12.6	1292.37	* 113.686	* 113.686
5105.000	12.6	1292.58	* 113.686	* 113.686	5106.000	12.6	1292.79	* 113.686	* 113.686

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
5107.000	12.6	1293.00	* 113.686	* 113.686	5108.000	12.6	1293.21	* 113.686	* 113.686
5109.000	12.6	1293.42	* 113.685	* 113.685	5110.000	12.6	1293.63	* 113.685	* 113.685
5111.000	12.6	1293.84	* 113.685	* 113.685	5112.000	12.6	1294.05	* 113.685	* 113.685
5113.000	12.6	1294.26	* 113.685	* 113.685	5114.000	12.6	1294.47	* 113.684	* 113.684
5115.000	12.6	1294.69	* 113.684	* 113.684	5116.000	12.6	1294.90	* 113.684	* 113.684
5117.000	12.6	1295.11	* 113.684	* 113.684	5118.000	12.6	1295.32	* 113.684	* 113.684
5119.000	12.6	1295.53	* 113.684	* 113.684	5120.000	12.6	1295.74	* 113.683	* 113.683
5121.000	12.6	1295.95	* 113.683	* 113.683	5122.000	12.6	1296.16	* 113.683	* 113.683
5123.000	12.6	1296.37	* 113.683	* 113.683	5124.000	12.6	1296.58	* 113.683	* 113.683
5125.000	12.6	1296.79	* 113.682	* 113.682	5126.000	12.6	1297.00	* 113.682	* 113.682
5127.000	12.6	1297.21	* 113.682	* 113.682	5128.000	12.6	1297.42	* 113.682	* 113.682
5129.000	12.6	1297.63	* 113.682	* 113.682	5130.000	12.6	1297.84	* 113.682	* 113.682
5131.000	12.6	1298.05	* 113.681	* 113.681	5132.000	12.6	1298.26	* 113.681	* 113.681
5133.000	12.6	1298.47	* 113.681	* 113.681	5134.000	12.6	1298.68	* 113.681	* 113.681
5135.000	12.6	1298.89	* 113.681	* 113.681	5136.000	12.6	1299.10	* 113.680	* 113.680
5137.000	12.6	1299.31	* 113.680	* 113.680	5138.000	12.6	1299.52	* 113.680	* 113.680
5139.000	12.6	1299.73	* 113.680	* 113.680	5140.000	12.6	1299.94	* 113.680	* 113.680
5141.000	12.6	1300.15	* 113.679	* 113.679	5142.000	12.6	1300.36	* 113.679	* 113.679
5143.000	12.6	1300.57	* 113.679	* 113.679	5144.000	12.6	1300.78	* 113.679	* 113.679
5145.000	12.6	1300.99	* 113.679	* 113.679	5146.000	12.6	1301.20	* 113.679	* 113.679
5147.000	12.6	1301.41	* 113.678	* 113.678	5148.000	12.6	1301.62	* 113.678	* 113.678
5149.000	12.6	1301.83	* 113.678	* 113.678	5150.000	12.6	1302.05	* 113.678	* 113.678
5151.000	12.6	1302.26	* 113.678	* 113.678	5152.000	12.6	1302.47	* 113.677	* 113.677
5153.000	12.6	1302.68	* 113.677	* 113.677	5154.000	12.6	1302.89	* 113.677	* 113.677
5155.000	12.6	1303.10	* 113.677	* 113.677	5156.000	12.6	1303.31	* 113.677	* 113.677
5157.000	12.6	1303.52	* 113.676	* 113.676	5158.000	12.6	1303.73	* 113.676	* 113.676
5159.000	12.6	1303.94	* 113.676	* 113.676	5160.000	12.6	1304.15	* 113.676	* 113.676
5161.000	12.6	1304.36	* 113.676	* 113.676	5162.000	12.6	1304.57	* 113.676	* 113.676
5163.000	12.6	1304.78	* 113.675	* 113.675	5164.000	12.6	1304.99	* 113.675	* 113.675
5165.000	12.6	1305.20	* 113.675	* 113.675	5166.000	12.6	1305.41	* 113.675	* 113.675
5167.000	12.6	1305.62	* 113.675	* 113.675	5168.000	12.6	1305.83	* 113.674	* 113.674
5169.000	12.6	1306.04	* 113.674	* 113.674	5170.000	12.6	1306.25	* 113.674	* 113.674
5171.000	12.6	1306.46	* 113.674	* 113.674	5172.000	12.6	1306.67	* 113.674	* 113.674
5173.000	12.6	1306.88	* 113.673	* 113.673	5174.000	12.6	1307.09	* 113.673	* 113.673
5175.000	12.6	1307.30	* 113.673	* 113.673	5176.000	12.6	1307.51	* 113.673	* 113.673
5177.000	12.6	1307.72	* 113.673	* 113.673	5178.000	12.6	1307.93	* 113.672	* 113.672

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
5179.000	12.6	1308.14	*		113.672	113.672	5180.000	12.6	1308.35	*		113.672	113.672
5181.000	12.6	1308.56	*		113.672	113.672	5182.000	12.6	1308.77	*		113.672	113.672
5183.000	12.6	1308.98	*		113.671	113.671	5184.000	12.6	1309.19	*		113.671	113.671
5185.000	12.6	1309.40	*		113.671	113.671	5186.000	12.6	1309.62	*		113.671	113.671
5187.000	12.6	1309.83	*		113.671	113.671	5188.000	12.6	1310.04	*		113.671	113.671
5189.000	12.6	1310.25	*		113.670	113.670	5190.000	12.6	1310.46	*		113.670	113.670
5191.000	12.6	1310.67	*		113.670	113.670	5192.000	12.6	1310.88	*		113.670	113.670
5193.000	12.6	1311.09	*		113.670	113.670	5194.000	12.6	1311.30	*		113.669	113.669
5195.000	12.6	1311.51	*		113.669	113.669	5196.000	12.6	1311.72	*		113.669	113.669
5197.000	12.6	1311.93	*		113.669	113.669	5198.000	12.6	1312.14	*		113.669	113.669
5199.000	12.6	1312.35	*		113.668	113.668	5200.000	12.6	1312.56	*		113.668	113.668
5201.000	12.6	1312.77	*		113.668	113.668	5202.000	12.6	1312.98	*		113.668	113.668
5203.000	12.6	1313.19	*		113.668	113.668	5204.000	12.6	1313.40	*		113.667	113.667
5205.000	12.6	1313.61	*		113.667	113.667	5206.000	12.6	1313.82	*		113.667	113.667
5207.000	12.6	1314.03	*		113.667	113.667	5208.000	12.6	1314.24	*		113.667	113.667
5209.000	12.6	1314.45	*		113.666	113.666	5210.000	12.6	1314.66	*		113.666	113.666
5211.000	12.6	1314.87	*		113.666	113.666	5212.000	12.6	1315.08	*		113.666	113.666
5213.000	12.6	1315.29	*		113.666	113.666	5214.000	12.6	1315.50	*		113.665	113.665
5215.000	12.6	1315.71	*		113.665	113.665	5216.000	12.6	1315.92	*		113.665	113.665
5217.000	12.6	1316.13	*		113.665	113.665	5218.000	12.6	1316.34	*		113.665	113.665
5219.000	12.6	1316.55	*		113.664	113.664	5220.000	12.6	1316.76	*		113.664	113.664
5221.000	12.6	1316.98	*		113.664	113.664	5222.000	12.6	1317.19	*		113.664	113.664
5223.000	12.6	1317.40	*		113.664	113.664	5224.000	12.6	1317.61	*		113.663	113.663
5225.000	12.6	1317.82	*		113.663	113.663	5226.000	12.6	1318.03	*		113.663	113.663
5227.000	12.6	1318.24	*		113.663	113.663	5228.000	12.6	1318.45	*		113.663	113.663
5229.000	12.6	1318.66	*		113.662	113.662	5230.000	12.6	1318.87	*		113.662	113.662
5231.000	12.6	1319.08	*		113.662	113.662	5232.000	12.6	1319.29	*		113.662	113.662
5233.000	12.6	1319.50	*		113.662	113.662	5234.000	12.6	1319.71	*		113.661	113.661
5235.000	12.6	1319.92	*		113.661	113.661	5236.000	12.6	1320.13	*		113.661	113.661
5237.000	12.6	1320.34	*		113.661	113.661	5238.000	12.6	1320.55	*		113.661	113.661
5239.000	12.6	1320.76	*		113.660	113.660	5240.000	12.6	1320.97	*		113.660	113.660
5241.000	12.6	1321.18	*		113.660	113.660	5242.000	12.6	1321.39	*		113.660	113.660
5243.000	12.6	1321.60	*		113.660	113.660	5244.000	12.6	1321.81	*		113.659	113.659
5245.000	12.6	1322.02	*		113.659	113.659	5246.000	12.6	1322.23	*		113.659	113.659
5247.000	12.6	1322.44	*		113.659	113.659	5248.000	12.6	1322.65	*		113.659	113.659
5249.000	12.6	1322.86	*		113.658	113.658	5250.000	12.6	1323.07	*		113.658	113.658

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
5251.000	12.6	1323.28	*		113.658	113.658	5252.000	12.6	1323.49	*		113.658	113.658
5253.000	12.6	1323.70	*		113.658	113.658	5254.000	12.6	1323.91	*		113.657	113.657
5255.000	12.6	1324.12	*		113.657	113.657	5256.000	12.6	1324.34	*		113.657	113.657
5257.000	12.6	1324.55	*		113.657	113.657	5258.000	12.6	1324.76	*		113.657	113.657
5259.000	12.6	1324.97	*		113.656	113.656	5260.000	12.6	1325.18	*		113.656	113.656
5261.000	12.6	1325.39	*		113.656	113.656	5262.000	12.6	1325.60	*		113.656	113.656
5263.000	12.6	1325.81	*		113.656	113.656	5264.000	12.6	1326.02	*		113.655	113.655
5265.000	12.6	1326.23	*		113.655	113.655	5266.000	12.6	1326.44	*		113.655	113.655
5267.000	12.6	1326.65	*		113.655	113.655	5268.000	12.6	1326.86	*		113.655	113.655
5269.000	12.6	1327.07	*		113.654	113.654	5270.000	12.6	1327.28	*		113.654	113.654
5271.000	12.6	1327.49	*		113.654	113.654	5272.000	12.6	1327.70	*		113.654	113.654
5273.000	12.6	1327.91	*		113.654	113.654	5274.000	12.6	1328.12	*		113.653	113.653
5275.000	12.6	1328.33	*		113.653	113.653	5276.000	12.6	1328.54	*		113.653	113.653
5277.000	12.6	1328.75	*		113.653	113.653	5278.000	12.6	1328.96	*		113.652	113.652
5279.000	12.6	1329.17	*		113.652	113.652	5280.000	12.6	1329.38	*		113.652	113.652
5281.000	12.6	1329.59	*		113.652	113.652	5282.000	12.6	1329.80	*		113.652	113.652
5283.000	12.6	1330.01	*		113.651	113.651	5284.000	12.6	1330.22	*		113.651	113.651
5285.000	12.6	1330.43	*		113.651	113.651	5286.000	12.6	1330.64	*		113.651	113.651
5287.000	12.6	1330.85	*		113.651	113.651	5288.000	12.6	1331.06	*		113.650	113.650
5289.000	12.6	1331.27	*		113.650	113.650	5290.000	12.6	1331.48	*		113.650	113.650
5291.000	12.6	1331.69	*		113.650	113.650	5292.000	12.6	1331.91	*		113.650	113.650
5293.000	12.6	1332.12	*		113.649	113.649	5294.000	12.6	1332.33	*		113.649	113.649
5295.000	12.6	1332.54	*		113.649	113.649	5296.000	12.6	1332.75	*		113.649	113.649
5297.000	12.6	1332.96	*		113.649	113.649	5298.000	12.6	1333.17	*		113.648	113.648
5299.000	12.6	1333.38	*		113.648	113.648	5300.000	12.6	1333.59	*		113.648	113.648
5301.000	12.6	1333.80	*		113.648	113.648	5302.000	12.6	1334.01	*		113.647	113.647
5303.000	12.6	1334.22	*		113.647	113.647	5304.000	12.6	1334.43	*		113.647	113.647
5305.000	12.6	1334.64	*		113.647	113.647	5306.000	12.6	1334.85	*		113.647	113.647
5307.000	12.6	1335.06	*		113.646	113.646	5308.000	12.6	1335.27	*		113.646	113.646
5309.000	12.6	1335.48	*		113.646	113.646	5310.000	12.6	1335.69	*		113.646	113.646
5311.000	12.6	1335.90	*		113.646	113.646	5312.000	12.6	1336.11	*		113.645	113.645
5313.000	12.6	1336.32	*		113.645	113.645	5314.000	12.6	1336.53	*		113.645	113.645
5315.000	12.6	1336.74	*		113.645	113.645	5316.000	12.6	1336.95	*		113.644	113.644
5317.000	12.6	1337.16	*		113.644	113.644	5318.000	12.6	1337.37	*		113.644	113.644
5319.000	12.6	1337.58	*		113.644	113.644	5320.000	12.6	1337.79	*		113.644	113.644
5321.000	12.6	1338.00	*		113.643	113.643	5322.000	12.6	1338.21	*		113.643	113.643

Project: Clinton Flex Study  
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## DIV I Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
5323.000	12.6	1338.42	* 113.643	* 113.643	5324.000	12.6	1338.63	* 113.643	* 113.643
5325.000	12.6	1338.84	* 113.643	* 113.643	5326.000	12.6	1339.05	* 113.642	* 113.642
5327.000	12.6	1339.27	* 113.642	* 113.642	5328.000	12.6	1339.48	* 113.642	* 113.642
5329.000	12.6	1339.69	* 113.642	* 113.642	5330.000	12.6	1339.90	* 113.641	* 113.641
5331.000	12.6	1340.11	* 113.641	* 113.641	5332.000	12.6	1340.32	* 113.641	* 113.641
5333.000	12.6	1340.53	* 113.641	* 113.641	5334.000	12.6	1340.74	* 113.641	* 113.641
5335.000	12.6	1340.95	* 113.640	* 113.640	5336.000	12.6	1341.16	* 113.640	* 113.640
5337.000	12.6	1341.37	* 113.640	* 113.640	5338.000	12.6	1341.58	* 113.640	* 113.640
5339.000	12.6	1341.79	* 113.640	* 113.640	5340.000	12.6	1342.00	* 113.639	* 113.639
5341.000	12.6	1342.21	* 113.639	* 113.639	5342.000	12.6	1342.42	* 113.639	* 113.639
5343.000	12.6	1342.63	* 113.639	* 113.639	5344.000	12.6	1342.84	* 113.638	* 113.638
5345.000	12.6	1343.05	* 113.638	* 113.638	5346.000	12.6	1343.26	* 113.638	* 113.638
5347.000	12.6	1343.47	* 113.638	* 113.638	5348.000	12.6	1343.68	* 113.638	* 113.638
5349.000	12.6	1343.89	* 113.637	* 113.637	5350.000	12.6	1344.10	* 113.637	* 113.637
5351.000	12.6	1344.31	* 113.637	* 113.637	5352.000	12.6	1344.52	* 113.637	* 113.637
5353.000	12.6	1344.73	* 113.637	* 113.637	5354.000	12.6	1344.94	* 113.637	* 113.637
5355.000	12.6	1345.15	* 113.637	* 113.637	5356.000	12.6	1345.36	* 113.637	* 113.637
5357.000	12.6	1345.57	* 113.636	* 113.636	5358.000	12.6	1345.78	* 113.636	* 113.636
5359.000	12.6	1345.99	* 113.636	* 113.636	5360.000	12.6	1346.20	* 113.636	* 113.636
5361.000	12.6	1346.41	* 113.636	* 113.636	5362.000	12.6	1346.63	* 113.636	* 113.636
5363.000	12.6	1346.84	* 113.636	* 113.636	5364.000	12.6	1347.05	* 113.636	* 113.636
5365.000	12.6	1347.26	* 113.635	* 113.635	5366.000	12.6	1347.47	* 113.635	* 113.635
5367.000	12.6	1347.68	* 113.635	* 113.635	5368.000	12.6	1347.89	* 113.635	* 113.635
5369.000	12.6	1348.10	* 113.635	* 113.635	5370.000	12.6	1348.31	* 113.635	* 113.635
5371.000	12.6	1348.52	* 113.635	* 113.635	5372.000	12.6	1348.73	* 113.635	* 113.635
5373.000	12.6	1348.94	* 113.634	* 113.634	5374.000	12.6	1349.15	* 113.634	* 113.634
5375.000	12.6	1349.36	* 113.634	* 113.634	5376.000	12.6	1349.57	* 113.634	* 113.634
5377.000	12.6	1349.78	* 113.634	* 113.634	5378.000	12.6	1349.99	* 113.634	* 113.634
5379.000	12.6	1350.20	* 113.634	* 113.634	5380.000	12.6	1350.41	* 113.634	* 113.634
5381.000	12.6	1350.62	* 113.633	* 113.633	5382.000	12.6	1350.83	* 113.633	* 113.633
5383.000	12.6	1351.04	* 113.633	* 113.633	5384.000	12.6	1351.25	* 113.633	* 113.633
5385.000	12.6	1351.46	* 113.633	* 113.633	5386.000	12.6	1351.67	* 113.633	* 113.633
5387.000	12.6	1351.88	* 113.633	* 113.633	5388.000	12.6	1352.09	* 113.633	* 113.633
5389.000	12.6	1352.30	* 113.633	* 113.633	5390.000	12.6	1352.51	* 113.632	* 113.632
5391.000	12.6	1352.72	* 113.632	* 113.632	5392.000	12.6	1352.93	* 113.632	* 113.632
5393.000	12.6	1353.14	* 113.632	* 113.632	5394.000	12.6	1353.35	* 113.632	* 113.632

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
5395.000	12.6	1353.56	*	113.632	*	113.632	5396.000	12.6	1353.77	*	113.632	*	113.632
5397.000	12.6	1353.98	*	113.632	*	113.632	5398.000	12.6	1354.20	*	113.631	*	113.631
5399.000	12.6	1354.41	*	113.631	*	113.631	5400.000	12.6	1354.62	*	113.631	*	113.631
5401.000	12.6	1354.83	*	113.631	*	113.631	5402.000	12.6	1355.04	*	113.631	*	113.631
5403.000	12.6	1355.25	*	113.631	*	113.631	5404.000	12.6	1355.46	*	113.631	*	113.631
5405.000	12.6	1355.67	*	113.631	*	113.631	5406.000	12.6	1355.88	*	113.630	*	113.630
5407.000	12.6	1356.09	*	113.630	*	113.630	5408.000	12.6	1356.30	*	113.630	*	113.630
5409.000	12.6	1356.51	*	113.630	*	113.630	5410.000	12.6	1356.72	*	113.630	*	113.630
5411.000	12.6	1356.93	*	113.630	*	113.630	5412.000	12.6	1357.14	*	113.630	*	113.630
5413.000	12.6	1357.35	*	113.630	*	113.630	5414.000	12.6	1357.56	*	113.629	*	113.629
5415.000	12.6	1357.77	*	113.629	*	113.629	5416.000	12.6	1357.98	*	113.629	*	113.629
5417.000	12.6	1358.19	*	113.629	*	113.629	5418.000	12.6	1358.40	*	113.629	*	113.629
5419.000	12.6	1358.61	*	113.629	*	113.629	5420.000	12.6	1358.82	*	113.629	*	113.629
5421.000	12.6	1359.03	*	113.629	*	113.629	5422.000	12.6	1359.24	*	113.628	*	113.628
5423.000	12.6	1359.45	*	113.628	*	113.628	5424.000	12.6	1359.66	*	113.628	*	113.628
5425.000	12.6	1359.87	*	113.628	*	113.628	5426.000	12.6	1360.08	*	113.628	*	113.628
5427.000	12.6	1360.29	*	113.628	*	113.628	5428.000	12.6	1360.50	*	113.628	*	113.628
5429.000	12.6	1360.71	*	113.628	*	113.628	5430.000	12.6	1360.92	*	113.627	*	113.627
5431.000	12.6	1361.13	*	113.627	*	113.627	5432.000	12.6	1361.34	*	113.627	*	113.627
5433.000	12.6	1361.56	*	113.627	*	113.627	5434.000	12.6	1361.77	*	113.627	*	113.627
5435.000	12.6	1361.98	*	113.627	*	113.627	5436.000	12.6	1362.19	*	113.627	*	113.627
5437.000	12.6	1362.40	*	113.627	*	113.627	5438.000	12.6	1362.61	*	113.626	*	113.626
5439.000	12.6	1362.82	*	113.626	*	113.626	5440.000	12.6	1363.03	*	113.626	*	113.626
5441.000	12.6	1363.24	*	113.626	*	113.626	5442.000	12.6	1363.45	*	113.626	*	113.626
5443.000	12.6	1363.66	*	113.626	*	113.626	5444.000	12.6	1363.87	*	113.626	*	113.626
5445.000	12.6	1364.08	*	113.625	*	113.625	5446.000	12.6	1364.29	*	113.625	*	113.625
5447.000	12.6	1364.50	*	113.625	*	113.625	5448.000	12.6	1364.71	*	113.625	*	113.625
5449.000	12.6	1364.92	*	113.625	*	113.625	5450.000	12.6	1365.13	*	113.625	*	113.625
5451.000	12.6	1365.34	*	113.625	*	113.625	5452.000	12.6	1365.55	*	113.625	*	113.625
5453.000	12.6	1365.76	*	113.624	*	113.624	5454.000	12.6	1365.97	*	113.624	*	113.624
5455.000	12.6	1366.18	*	113.624	*	113.624	5456.000	12.6	1366.39	*	113.624	*	113.624
5457.000	12.6	1366.60	*	113.624	*	113.624	5458.000	12.6	1366.81	*	113.624	*	113.624
5459.000	12.6	1367.02	*	113.624	*	113.624	5460.000	12.6	1367.23	*	113.624	*	113.624
5461.000	12.6	1367.44	*	113.623	*	113.623	5462.000	12.6	1367.65	*	113.623	*	113.623
5463.000	12.6	1367.86	*	113.623	*	113.623	5464.000	12.6	1368.07	*	113.623	*	113.623
5465.000	12.6	1368.28	*	113.623	*	113.623	5466.000	12.6	1368.49	*	113.623	*	113.623

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
5467.000	12.6	1368.70	* 113.623	* 113.623	5468.000	12.6	1368.92	* 113.623	* 113.623
5469.000	12.6	1369.13	* 113.622	* 113.622	5470.000	12.6	1369.34	* 113.622	* 113.622
5471.000	12.6	1369.55	* 113.622	* 113.622	5472.000	12.6	1369.76	* 113.622	* 113.622
5473.000	12.6	1369.97	* 113.622	* 113.622	5474.000	12.6	1370.18	* 113.622	* 113.622
5475.000	12.6	1370.39	* 113.622	* 113.622	5476.000	12.6	1370.60	* 113.621	* 113.621
5477.000	12.6	1370.81	* 113.621	* 113.621	5478.000	12.6	1371.02	* 113.621	* 113.621
5479.000	12.6	1371.23	* 113.621	* 113.621	5480.000	12.6	1371.44	* 113.621	* 113.621
5481.000	12.6	1371.65	* 113.621	* 113.621	5482.000	12.6	1371.86	* 113.621	* 113.621
5483.000	12.6	1372.07	* 113.621	* 113.621	5484.000	12.6	1372.28	* 113.620	* 113.620
5485.000	12.6	1372.49	* 113.620	* 113.620	5486.000	12.6	1372.70	* 113.620	* 113.620
5487.000	12.6	1372.91	* 113.620	* 113.620	5488.000	12.6	1373.12	* 113.620	* 113.620
5489.000	12.6	1373.33	* 113.620	* 113.620	5490.000	12.6	1373.54	* 113.620	* 113.620
5491.000	12.6	1373.75	* 113.619	* 113.619	5492.000	12.6	1373.96	* 113.619	* 113.619
5493.000	12.6	1374.17	* 113.619	* 113.619	5494.000	12.6	1374.38	* 113.619	* 113.619
5495.000	12.6	1374.59	* 113.619	* 113.619	5496.000	12.6	1374.80	* 113.619	* 113.619
5497.000	12.6	1375.01	* 113.619	* 113.619	5498.000	12.6	1375.22	* 113.619	* 113.619
5499.000	12.6	1375.43	* 113.618	* 113.618	5500.000	12.6	1375.64	* 113.618	* 113.618
5501.000	12.6	1375.85	* 113.618	* 113.618	5502.000	12.6	1376.06	* 113.618	* 113.618
5503.000	12.6	1376.28	* 113.618	* 113.618	5504.000	12.6	1376.49	* 113.618	* 113.618
5505.000	12.6	1376.70	* 113.618	* 113.618	5506.000	12.6	1376.91	* 113.617	* 113.617
5507.000	12.6	1377.12	* 113.617	* 113.617	5508.000	12.6	1377.33	* 113.617	* 113.617
5509.000	12.6	1377.54	* 113.617	* 113.617	5510.000	12.6	1377.75	* 113.617	* 113.617
5511.000	12.6	1377.96	* 113.617	* 113.617	5512.000	12.6	1378.17	* 113.617	* 113.617
5513.000	12.6	1378.38	* 113.617	* 113.617	5514.000	12.6	1378.59	* 113.616	* 113.616
5515.000	12.6	1378.80	* 113.616	* 113.616	5516.000	12.6	1379.01	* 113.616	* 113.616
5517.000	12.6	1379.22	* 113.616	* 113.616	5518.000	12.6	1379.43	* 113.616	* 113.616
5519.000	12.6	1379.64	* 113.616	* 113.616	5520.000	12.6	1379.85	* 113.616	* 113.616
5521.000	12.6	1380.06	* 113.615	* 113.615	5522.000	12.6	1380.27	* 113.615	* 113.615
5523.000	12.6	1380.48	* 113.615	* 113.615	5524.000	12.6	1380.69	* 113.615	* 113.615
5525.000	12.6	1380.90	* 113.615	* 113.615	5526.000	12.6	1381.11	* 113.615	* 113.615
5527.000	12.6	1381.32	* 113.615	* 113.615	5528.000	12.6	1381.53	* 113.614	* 113.614
5529.000	12.6	1381.74	* 113.614	* 113.614	5530.000	12.6	1381.95	* 113.614	* 113.614
5531.000	12.6	1382.16	* 113.614	* 113.614	5532.000	12.6	1382.37	* 113.614	* 113.614
5533.000	12.6	1382.58	* 113.614	* 113.614	5534.000	12.6	1382.79	* 113.614	* 113.614
5535.000	12.6	1383.00	* 113.613	* 113.613	5536.000	12.6	1383.21	* 113.613	* 113.613
5537.000	12.6	1383.42	* 113.613	* 113.613	5538.000	12.6	1383.63	* 113.613	* 113.613

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
5539.000	12.6	1383.85	* 113.613	* 113.613	5540.000	12.6	1384.06	* 113.613	* 113.613
5541.000	12.6	1384.27	* 113.613	* 113.613	5542.000	12.6	1384.48	* 113.613	* 113.613
5543.000	12.6	1384.69	* 113.612	* 113.612	5544.000	12.6	1384.90	* 113.612	* 113.612
5545.000	12.6	1385.11	* 113.612	* 113.612	5546.000	12.6	1385.32	* 113.612	* 113.612
5547.000	12.6	1385.53	* 113.612	* 113.612	5548.000	12.6	1385.74	* 113.612	* 113.612
5549.000	12.6	1385.95	* 113.612	* 113.612	5550.000	12.6	1386.16	* 113.611	* 113.611
5551.000	12.6	1386.37	* 113.611	* 113.611	5552.000	12.6	1386.58	* 113.611	* 113.611
5553.000	12.6	1386.79	* 113.611	* 113.611	5554.000	12.6	1387.00	* 113.611	* 113.611
5555.000	12.6	1387.21	* 113.611	* 113.611	5556.000	12.6	1387.42	* 113.611	* 113.611
5557.000	12.6	1387.63	* 113.610	* 113.610	5558.000	12.6	1387.84	* 113.610	* 113.610
5559.000	12.6	1388.05	* 113.610	* 113.610	5560.000	12.6	1388.26	* 113.610	* 113.610
5561.000	12.6	1388.47	* 113.610	* 113.610	5562.000	12.6	1388.68	* 113.610	* 113.610
5563.000	12.6	1388.89	* 113.610	* 113.610	5564.000	12.6	1389.10	* 113.609	* 113.609
5565.000	12.6	1389.31	* 113.609	* 113.609	5566.000	12.6	1389.52	* 113.609	* 113.609
5567.000	12.6	1389.73	* 113.609	* 113.609	5568.000	12.6	1389.94	* 113.609	* 113.609
5569.000	12.6	1390.15	* 113.609	* 113.609	5570.000	12.6	1390.36	* 113.609	* 113.609
5571.000	12.6	1390.57	* 113.608	* 113.608	5572.000	12.6	1390.78	* 113.608	* 113.608
5573.000	12.6	1390.99	* 113.608	* 113.608	5574.000	12.6	1391.21	* 113.608	* 113.608
5575.000	12.6	1391.42	* 113.608	* 113.608	5576.000	12.6	1391.63	* 113.608	* 113.608
5577.000	12.6	1391.84	* 113.608	* 113.608	5578.000	12.6	1392.05	* 113.607	* 113.607
5579.000	12.6	1392.26	* 113.607	* 113.607	5580.000	12.6	1392.47	* 113.607	* 113.607
5581.000	12.6	1392.68	* 113.607	* 113.607	5582.000	12.6	1392.89	* 113.607	* 113.607
5583.000	12.6	1393.10	* 113.607	* 113.607	5584.000	12.6	1393.31	* 113.607	* 113.607
5585.000	12.6	1393.52	* 113.606	* 113.606	5586.000	12.6	1393.73	* 113.606	* 113.606
5587.000	12.6	1393.94	* 113.606	* 113.606	5588.000	12.6	1394.15	* 113.606	* 113.606
5589.000	12.6	1394.36	* 113.606	* 113.606	5590.000	12.6	1394.57	* 113.606	* 113.606
5591.000	12.6	1394.78	* 113.606	* 113.606	5592.000	12.6	1394.99	* 113.605	* 113.605
5593.000	12.6	1395.20	* 113.605	* 113.605	5594.000	12.6	1395.41	* 113.605	* 113.605
5595.000	12.6	1395.62	* 113.605	* 113.605	5596.000	12.6	1395.83	* 113.605	* 113.605
5597.000	12.6	1396.04	* 113.605	* 113.605	5598.000	12.6	1396.25	* 113.604	* 113.604
5599.000	12.6	1396.46	* 113.604	* 113.604	5600.000	12.6	1396.67	* 113.604	* 113.604
5601.000	12.6	1396.88	* 113.604	* 113.604	5602.000	12.6	1397.09	* 113.604	* 113.604
5603.000	12.6	1397.30	* 113.604	* 113.604	5604.000	12.6	1397.51	* 113.604	* 113.604
5605.000	12.6	1397.72	* 113.603	* 113.603	5606.000	12.6	1397.93	* 113.603	* 113.603
5607.000	12.6	1398.14	* 113.603	* 113.603	5608.000	12.6	1398.35	* 113.603	* 113.603
5609.000	12.6	1398.57	* 113.603	* 113.603	5610.000	12.6	1398.78	* 113.603	* 113.603

Project: Clinton Flex Study  
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Engineer: Badar Hussain  
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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge Capacity		Voltage (V)		Time	Discharge Capacity		Voltage (V)	
	Current (Amp)	(Amp-Hour)	V-	V+		Current (Amp)	(Amp-Hour)	V-	V+
5611.000	12.6	1398.99	* 113.603	* 113.603	5612.000	12.6	1399.20	* 113.602	* 113.602
5613.000	12.6	1399.41	* 113.602	* 113.602	5614.000	12.6	1399.62	* 113.602	* 113.602
5615.000	12.6	1399.83	* 113.602	* 113.602	5616.000	12.6	1400.04	* 113.602	* 113.602
5617.000	12.6	1400.25	* 113.602	* 113.602	5618.000	12.6	1400.46	* 113.602	* 113.602
5619.000	12.6	1400.67	* 113.601	* 113.601	5620.000	12.6	1400.88	* 113.601	* 113.601
5621.000	12.6	1401.09	* 113.601	* 113.601	5622.000	12.6	1401.30	* 113.601	* 113.601
5623.000	12.6	1401.51	* 113.601	* 113.601	5624.000	12.6	1401.72	* 113.601	* 113.601
5625.000	12.6	1401.93	* 113.600	* 113.600	5626.000	12.6	1402.14	* 113.600	* 113.600
5627.000	12.6	1402.35	* 113.600	* 113.600	5628.000	12.6	1402.56	* 113.600	* 113.600
5629.000	12.6	1402.77	* 113.600	* 113.600	5630.000	12.6	1402.98	* 113.600	* 113.600
5631.000	12.6	1403.19	* 113.600	* 113.600	5632.000	12.6	1403.40	* 113.599	* 113.599
5633.000	12.6	1403.61	* 113.599	* 113.599	5634.000	12.6	1403.82	* 113.599	* 113.599
5635.000	12.6	1404.03	* 113.599	* 113.599	5636.000	12.6	1404.24	* 113.599	* 113.599
5637.000	12.6	1404.45	* 113.599	* 113.599	5638.000	12.6	1404.66	* 113.599	* 113.599
5639.000	12.6	1404.87	* 113.598	* 113.598	5640.000	12.6	1405.08	* 113.598	* 113.598
5641.000	12.6	1405.29	* 113.598	* 113.598	5642.000	12.6	1405.50	* 113.598	* 113.598
5643.000	12.6	1405.71	* 113.598	* 113.598	5644.000	12.6	1405.92	* 113.598	* 113.598
5645.000	12.6	1406.14	* 113.597	* 113.597	5646.000	12.6	1406.35	* 113.597	* 113.597
5647.000	12.6	1406.56	* 113.597	* 113.597	5648.000	12.6	1406.77	* 113.597	* 113.597
5649.000	12.6	1406.98	* 113.597	* 113.597	5650.000	12.6	1407.19	* 113.597	* 113.597
5651.000	12.6	1407.40	* 113.597	* 113.597	5652.000	12.6	1407.61	* 113.596	* 113.596
5653.000	12.6	1407.82	* 113.596	* 113.596	5654.000	12.6	1408.03	* 113.596	* 113.596
5655.000	12.6	1408.24	* 113.596	* 113.596	5656.000	12.6	1408.45	* 113.596	* 113.596
5657.000	12.6	1408.66	* 113.596	* 113.596	5658.000	12.6	1408.87	* 113.595	* 113.595
5659.000	12.6	1409.08	* 113.595	* 113.595	5660.000	12.6	1409.29	* 113.595	* 113.595
5661.000	12.6	1409.50	* 113.595	* 113.595	5662.000	12.6	1409.71	* 113.595	* 113.595
5663.000	12.6	1409.92	* 113.595	* 113.595	5664.000	12.6	1410.13	* 113.595	* 113.595
5665.000	12.6	1410.34	* 113.594	* 113.594	5666.000	12.6	1410.55	* 113.594	* 113.594
5667.000	12.6	1410.76	* 113.594	* 113.594	5668.000	12.6	1410.97	* 113.594	* 113.594
5669.000	12.6	1411.18	* 113.594	* 113.594	5670.000	12.6	1411.39	* 113.594	* 113.594
5671.000	12.6	1411.60	* 113.593	* 113.593	5672.000	12.6	1411.81	* 113.593	* 113.593
5673.000	12.6	1412.02	* 113.593	* 113.593	5674.000	12.6	1412.23	* 113.593	* 113.593
5675.000	12.6	1412.44	* 113.593	* 113.593	5676.000	12.6	1412.65	* 113.593	* 113.593
5677.000	12.6	1412.86	* 113.592	* 113.592	5678.000	12.6	1413.07	* 113.592	* 113.592
5679.000	12.6	1413.28	* 113.592	* 113.592	5680.000	12.6	1413.50	* 113.592	* 113.592
5681.000	12.6	1413.71	* 113.592	* 113.592	5682.000	12.6	1413.92	* 113.592	* 113.592

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge Capacity		Voltage (V)		Time	Discharge Capacity		Voltage (V)	
	Current (Amp)	(Amp-Hour)	V-	V+		Current (Amp)	(Amp-Hour)	V-	V+
5683.000	12.6	1414.13	* 113.592	* 113.592	5684.000	12.6	1414.34	* 113.591	* 113.591
5685.000	12.6	1414.55	* 113.591	* 113.591	5686.000	12.6	1414.76	* 113.591	* 113.591
5687.000	12.6	1414.97	* 113.591	* 113.591	5688.000	12.6	1415.18	* 113.591	* 113.591
5689.000	12.6	1415.39	* 113.591	* 113.591	5690.000	12.6	1415.60	* 113.590	* 113.590
5691.000	12.6	1415.81	* 113.590	* 113.590	5692.000	12.6	1416.02	* 113.590	* 113.590
5693.000	12.6	1416.23	* 113.590	* 113.590	5694.000	12.6	1416.44	* 113.590	* 113.590
5695.000	12.6	1416.65	* 113.590	* 113.590	5696.000	12.6	1416.86	* 113.589	* 113.589
5697.000	12.6	1417.07	* 113.589	* 113.589	5698.000	12.6	1417.28	* 113.589	* 113.589
5699.000	12.6	1417.49	* 113.589	* 113.589	5700.000	12.6	1417.70	* 113.589	* 113.589
5701.000	12.6	1417.91	* 113.589	* 113.589	5702.000	12.6	1418.12	* 113.588	* 113.588
5703.000	12.6	1418.33	* 113.588	* 113.588	5704.000	12.6	1418.54	* 113.588	* 113.588
5705.000	12.6	1418.75	* 113.588	* 113.588	5706.000	12.6	1418.96	* 113.588	* 113.588
5707.000	12.6	1419.17	* 113.588	* 113.588	5708.000	12.6	1419.38	* 113.588	* 113.588
5709.000	12.6	1419.59	* 113.587	* 113.587	5710.000	12.6	1419.80	* 113.587	* 113.587
5711.000	12.6	1420.01	* 113.587	* 113.587	5712.000	12.6	1420.22	* 113.587	* 113.587
5713.000	12.6	1420.43	* 113.587	* 113.587	5714.000	12.6	1420.64	* 113.587	* 113.587
5715.000	12.6	1420.86	* 113.586	* 113.586	5716.000	12.6	1421.07	* 113.586	* 113.586
5717.000	12.6	1421.28	* 113.586	* 113.586	5718.000	12.6	1421.49	* 113.586	* 113.586
5719.000	12.6	1421.70	* 113.586	* 113.586	5720.000	12.6	1421.91	* 113.586	* 113.586
5721.000	12.6	1422.12	* 113.585	* 113.585	5722.000	12.6	1422.33	* 113.585	* 113.585
5723.000	12.6	1422.54	* 113.585	* 113.585	5724.000	12.6	1422.75	* 113.585	* 113.585
5725.000	12.6	1422.96	* 113.585	* 113.585	5726.000	12.6	1423.17	* 113.585	* 113.585
5727.000	12.6	1423.38	* 113.584	* 113.584	5728.000	12.6	1423.59	* 113.584	* 113.584
5729.000	12.6	1423.80	* 113.584	* 113.584	5730.000	12.6	1424.01	* 113.584	* 113.584
5731.000	12.6	1424.22	* 113.584	* 113.584	5732.000	12.6	1424.43	* 113.584	* 113.584
5733.000	12.6	1424.64	* 113.583	* 113.583	5734.000	12.6	1424.85	* 113.583	* 113.583
5735.000	12.6	1425.06	* 113.583	* 113.583	5736.000	12.6	1425.27	* 113.583	* 113.583
5737.000	12.6	1425.48	* 113.583	* 113.583	5738.000	12.6	1425.69	* 113.583	* 113.583
5739.000	12.6	1425.90	* 113.582	* 113.582	5740.000	12.6	1426.11	* 113.582	* 113.582
5741.000	12.6	1426.32	* 113.582	* 113.582	5742.000	12.6	1426.53	* 113.582	* 113.582
5743.000	12.6	1426.74	* 113.582	* 113.582	5744.000	12.6	1426.95	* 113.582	* 113.582
5745.000	12.6	1427.16	* 113.581	* 113.581	5746.000	12.6	1427.37	* 113.581	* 113.581
5747.000	12.6	1427.58	* 113.581	* 113.581	5748.000	12.6	1427.79	* 113.581	* 113.581
5749.000	12.6	1428.00	* 113.581	* 113.581	5750.000	12.6	1428.21	* 113.581	* 113.581
5751.000	12.6	1428.43	* 113.580	* 113.580	5752.000	12.6	1428.64	* 113.580	* 113.580
5753.000	12.6	1428.85	* 113.580	* 113.580	5754.000	12.6	1429.06	* 113.580	* 113.580

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
5755.000	12.6	1429.27	* 113.580	* 113.580	5756.000	12.6	1429.48	* 113.580	* 113.580
5757.000	12.6	1429.69	* 113.579	* 113.579	5758.000	12.6	1429.90	* 113.579	* 113.579
5759.000	12.6	1430.11	* 113.579	* 113.579	5760.000	12.6	1430.32	* 113.579	* 113.579
5761.000	12.6	1430.53	* 113.579	* 113.579	5762.000	12.6	1430.74	* 113.579	* 113.579
5763.000	12.6	1430.95	* 113.578	* 113.578	5764.000	12.6	1431.16	* 113.578	* 113.578
5765.000	12.6	1431.37	* 113.578	* 113.578	5766.000	12.6	1431.58	* 113.578	* 113.578
5767.000	12.6	1431.79	* 113.578	* 113.578	5768.000	12.6	1432.00	* 113.577	* 113.577
5769.000	12.6	1432.21	* 113.577	* 113.577	5770.000	12.6	1432.42	* 113.577	* 113.577
5771.000	12.6	1432.63	* 113.577	* 113.577	5772.000	12.6	1432.84	* 113.577	* 113.577
5773.000	12.6	1433.05	* 113.577	* 113.577	5774.000	12.6	1433.26	* 113.576	* 113.576
5775.000	12.6	1433.47	* 113.576	* 113.576	5776.000	12.6	1433.68	* 113.576	* 113.576
5777.000	12.6	1433.89	* 113.576	* 113.576	5778.000	12.6	1434.10	* 113.576	* 113.576
5779.000	12.6	1434.31	* 113.576	* 113.576	5780.000	12.6	1434.52	* 113.575	* 113.575
5781.000	12.6	1434.73	* 113.575	* 113.575	5782.000	12.6	1434.94	* 113.575	* 113.575
5783.000	12.6	1435.15	* 113.575	* 113.575	5784.000	12.6	1435.36	* 113.575	* 113.575
5785.000	12.6	1435.57	* 113.575	* 113.575	5786.000	12.6	1435.79	* 113.574	* 113.574
5787.000	12.6	1436.00	* 113.574	* 113.574	5788.000	12.6	1436.21	* 113.574	* 113.574
5789.000	12.6	1436.42	* 113.574	* 113.574	5790.000	12.6	1436.63	* 113.574	* 113.574
5791.000	12.6	1436.84	* 113.573	* 113.573	5792.000	12.6	1437.05	* 113.573	* 113.573
5793.000	12.6	1437.26	* 113.573	* 113.573	5794.000	12.6	1437.47	* 113.573	* 113.573
5795.000	12.6	1437.68	* 113.573	* 113.573	5796.000	12.6	1437.89	* 113.573	* 113.573
5797.000	12.6	1438.10	* 113.572	* 113.572	5798.000	12.6	1438.31	* 113.572	* 113.572
5799.000	12.6	1438.52	* 113.572	* 113.572	5800.000	12.6	1438.73	* 113.572	* 113.572
5801.000	12.6	1438.94	* 113.572	* 113.572	5802.000	12.6	1439.15	* 113.572	* 113.572
5803.000	12.6	1439.36	* 113.571	* 113.571	5804.000	12.6	1439.57	* 113.571	* 113.571
5805.000	12.6	1439.78	* 113.571	* 113.571	5806.000	12.6	1439.99	* 113.571	* 113.571
5807.000	12.6	1440.20	* 113.571	* 113.571	5808.000	12.6	1440.41	* 113.571	* 113.571
5809.000	12.6	1440.62	* 113.571	* 113.571	5810.000	12.6	1440.83	* 113.571	* 113.571
5811.000	12.6	1441.04	* 113.570	* 113.570	5812.000	12.6	1441.25	* 113.570	* 113.570
5813.000	12.6	1441.46	* 113.570	* 113.570	5814.000	12.6	1441.67	* 113.570	* 113.570
5815.000	12.6	1441.88	* 113.570	* 113.570	5816.000	12.6	1442.09	* 113.570	* 113.570
5817.000	12.6	1442.30	* 113.570	* 113.570	5818.000	12.6	1442.51	* 113.570	* 113.570
5819.000	12.6	1442.72	* 113.570	* 113.570	5820.000	12.6	1442.93	* 113.570	* 113.570
5821.000	12.6	1443.15	* 113.570	* 113.570	5822.000	12.6	1443.36	* 113.570	* 113.570
5823.000	12.6	1443.57	* 113.570	* 113.570	5824.000	12.6	1443.78	* 113.570	* 113.570
5825.000	12.6	1443.99	* 113.570	* 113.570	5826.000	12.6	1444.20	* 113.569	* 113.569

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
5827.000	12.6	1444.41	*		113.569	113.569	5828.000	12.6	1444.62	*		113.569	113.569
5829.000	12.6	1444.83	*		113.569	113.569	5830.000	12.6	1445.04	*		113.569	113.569
5831.000	12.6	1445.25	*		113.569	113.569	5832.000	12.6	1445.46	*		113.569	113.569
5833.000	12.6	1445.67	*		113.569	113.569	5834.000	12.6	1445.88	*		113.569	113.569
5835.000	12.6	1446.09	*		113.569	113.569	5836.000	12.6	1446.30	*		113.569	113.569
5837.000	12.6	1446.51	*		113.569	113.569	5838.000	12.6	1446.72	*		113.569	113.569
5839.000	12.6	1446.93	*		113.569	113.569	5840.000	12.6	1447.14	*		113.568	113.568
5841.000	12.6	1447.35	*		113.568	113.568	5842.000	12.6	1447.56	*		113.568	113.568
5843.000	12.6	1447.77	*		113.568	113.568	5844.000	12.6	1447.98	*		113.568	113.568
5845.000	12.6	1448.19	*		113.568	113.568	5846.000	12.6	1448.40	*		113.568	113.568
5847.000	12.6	1448.61	*		113.568	113.568	5848.000	12.6	1448.82	*		113.568	113.568
5849.000	12.6	1449.03	*		113.568	113.568	5850.000	12.6	1449.24	*		113.568	113.568
5851.000	12.6	1449.45	*		113.568	113.568	5852.000	12.6	1449.66	*		113.568	113.568
5853.000	12.6	1449.87	*		113.568	113.568	5854.000	12.6	1450.08	*		113.567	113.567
5855.000	12.6	1450.29	*		113.567	113.567	5856.000	12.6	1450.51	*		113.567	113.567
5857.000	12.6	1450.72	*		113.567	113.567	5858.000	12.6	1450.93	*		113.567	113.567
5859.000	12.6	1451.14	*		113.567	113.567	5860.000	12.6	1451.35	*		113.567	113.567
5861.000	12.6	1451.56	*		113.567	113.567	5862.000	12.6	1451.77	*		113.567	113.567
5863.000	12.6	1451.98	*		113.567	113.567	5864.000	12.6	1452.19	*		113.567	113.567
5865.000	12.6	1452.40	*		113.567	113.567	5866.000	12.6	1452.61	*		113.567	113.567
5867.000	12.6	1452.82	*		113.566	113.566	5868.000	12.6	1453.03	*		113.566	113.566
5869.000	12.6	1453.24	*		113.566	113.566	5870.000	12.6	1453.45	*		113.566	113.566
5871.000	12.6	1453.66	*		113.566	113.566	5872.000	12.6	1453.87	*		113.566	113.566
5873.000	12.6	1454.08	*		113.566	113.566	5874.000	12.6	1454.29	*		113.566	113.566
5875.000	12.6	1454.50	*		113.566	113.566	5876.000	12.6	1454.71	*		113.566	113.566
5877.000	12.6	1454.92	*		113.566	113.566	5878.000	12.6	1455.13	*		113.566	113.566
5879.000	12.6	1455.34	*		113.566	113.566	5880.000	12.6	1455.55	*		113.566	113.566
5881.000	12.6	1455.76	*		113.565	113.565	5882.000	12.6	1455.97	*		113.565	113.565
5883.000	12.6	1456.18	*		113.565	113.565	5884.000	12.6	1456.39	*		113.565	113.565
5885.000	12.6	1456.60	*		113.565	113.565	5886.000	12.6	1456.81	*		113.565	113.565
5887.000	12.6	1457.02	*		113.565	113.565	5888.000	12.6	1457.23	*		113.565	113.565
5889.000	12.6	1457.44	*		113.565	113.565	5890.000	12.6	1457.65	*		113.565	113.565
5891.000	12.6	1457.87	*		113.565	113.565	5892.000	12.6	1458.08	*		113.565	113.565
5893.000	12.6	1458.29	*		113.565	113.565	5894.000	12.6	1458.50	*		113.564	113.564
5895.000	12.6	1458.71	*		113.564	113.564	5896.000	12.6	1458.92	*		113.564	113.564
5897.000	12.6	1459.13	*		113.564	113.564	5898.000	12.6	1459.34	*		113.564	113.564

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
5899.000	12.6	1459.55	* 113.564	* 113.564	5900.000	12.6	1459.76	* 113.564	* 113.564
5901.000	12.6	1459.97	* 113.564	* 113.564	5902.000	12.6	1460.18	* 113.564	* 113.564
5903.000	12.6	1460.39	* 113.564	* 113.564	5904.000	12.6	1460.60	* 113.564	* 113.564
5905.000	12.6	1460.81	* 113.564	* 113.564	5906.000	12.6	1461.02	* 113.563	* 113.563
5907.000	12.6	1461.23	* 113.563	* 113.563	5908.000	12.6	1461.44	* 113.563	* 113.563
5909.000	12.6	1461.65	* 113.563	* 113.563	5910.000	12.6	1461.86	* 113.563	* 113.563
5911.000	12.6	1462.07	* 113.563	* 113.563	5912.000	12.6	1462.28	* 113.563	* 113.563
5913.000	12.6	1462.49	* 113.563	* 113.563	5914.000	12.6	1462.70	* 113.563	* 113.563
5915.000	12.6	1462.91	* 113.563	* 113.563	5916.000	12.6	1463.12	* 113.563	* 113.563
5917.000	12.6	1463.33	* 113.563	* 113.563	5918.000	12.6	1463.54	* 113.563	* 113.563
5919.000	12.6	1463.75	* 113.562	* 113.562	5920.000	12.6	1463.96	* 113.562	* 113.562
5921.000	12.6	1464.17	* 113.562	* 113.562	5922.000	12.6	1464.38	* 113.562	* 113.562
5923.000	12.6	1464.59	* 113.562	* 113.562	5924.000	12.6	1464.80	* 113.562	* 113.562
5925.000	12.6	1465.01	* 113.562	* 113.562	5926.000	12.6	1465.22	* 113.562	* 113.562
5927.000	12.6	1465.44	* 113.562	* 113.562	5928.000	12.6	1465.65	* 113.562	* 113.562
5929.000	12.6	1465.86	* 113.562	* 113.562	5930.000	12.6	1466.07	* 113.562	* 113.562
5931.000	12.6	1466.28	* 113.561	* 113.561	5932.000	12.6	1466.49	* 113.561	* 113.561
5933.000	12.6	1466.70	* 113.561	* 113.561	5934.000	12.6	1466.91	* 113.561	* 113.561
5935.000	12.6	1467.12	* 113.561	* 113.561	5936.000	12.6	1467.33	* 113.561	* 113.561
5937.000	12.6	1467.54	* 113.561	* 113.561	5938.000	12.6	1467.75	* 113.561	* 113.561
5939.000	12.6	1467.96	* 113.561	* 113.561	5940.000	12.6	1468.17	* 113.561	* 113.561
5941.000	12.6	1468.38	* 113.561	* 113.561	5942.000	12.6	1468.59	* 113.561	* 113.561
5943.000	12.6	1468.80	* 113.560	* 113.560	5944.000	12.6	1469.01	* 113.560	* 113.560
5945.000	12.6	1469.22	* 113.560	* 113.560	5946.000	12.6	1469.43	* 113.560	* 113.560
5947.000	12.6	1469.64	* 113.560	* 113.560	5948.000	12.6	1469.85	* 113.560	* 113.560
5949.000	12.6	1470.06	* 113.560	* 113.560	5950.000	12.6	1470.27	* 113.560	* 113.560
5951.000	12.6	1470.48	* 113.560	* 113.560	5952.000	12.6	1470.69	* 113.560	* 113.560
5953.000	12.6	1470.90	* 113.560	* 113.560	5954.000	12.6	1471.11	* 113.560	* 113.560
5955.000	12.6	1471.32	* 113.559	* 113.559	5956.000	12.6	1471.53	* 113.559	* 113.559
5957.000	12.6	1471.74	* 113.559	* 113.559	5958.000	12.6	1471.95	* 113.559	* 113.559
5959.000	12.6	1472.16	* 113.559	* 113.559	5960.000	12.6	1472.37	* 113.559	* 113.559
5961.000	12.6	1472.58	* 113.559	* 113.559	5962.000	12.6	1472.80	* 113.559	* 113.559
5963.000	12.6	1473.01	* 113.559	* 113.559	5964.000	12.6	1473.22	* 113.559	* 113.559
5965.000	12.6	1473.43	* 113.559	* 113.559	5966.000	12.6	1473.64	* 113.558	* 113.558
5967.000	12.6	1473.85	* 113.558	* 113.558	5968.000	12.6	1474.06	* 113.558	* 113.558
5969.000	12.6	1474.27	* 113.558	* 113.558	5970.000	12.6	1474.48	* 113.558	* 113.558

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
5971.000	12.6	1474.69	* 113.558	* 113.558			5972.000	12.6	1474.90	* 113.558	* 113.558		
5973.000	12.6	1475.11	* 113.558	* 113.558			5974.000	12.6	1475.32	* 113.558	* 113.558		
5975.000	12.6	1475.53	* 113.558	* 113.558			5976.000	12.6	1475.74	* 113.558	* 113.558		
5977.000	12.6	1475.95	* 113.558	* 113.558			5978.000	12.6	1476.16	* 113.557	* 113.557		
5979.000	12.6	1476.37	* 113.557	* 113.557			5980.000	12.6	1476.58	* 113.557	* 113.557		
5981.000	12.6	1476.79	* 113.557	* 113.557			5982.000	12.6	1477.00	* 113.557	* 113.557		
5983.000	12.6	1477.21	* 113.557	* 113.557			5984.000	12.6	1477.42	* 113.557	* 113.557		
5985.000	12.6	1477.63	* 113.557	* 113.557			5986.000	12.6	1477.84	* 113.557	* 113.557		
5987.000	12.6	1478.05	* 113.557	* 113.557			5988.000	12.6	1478.26	* 113.557	* 113.557		
5989.000	12.6	1478.47	* 113.556	* 113.556			5990.000	12.6	1478.68	* 113.556	* 113.556		
5991.000	12.6	1478.89	* 113.556	* 113.556			5992.000	12.6	1479.10	* 113.556	* 113.556		
5993.000	12.6	1479.31	* 113.556	* 113.556			5994.000	12.6	1479.52	* 113.556	* 113.556		
5995.000	12.6	1479.73	* 113.556	* 113.556			5996.000	12.6	1479.94	* 113.556	* 113.556		
5997.000	12.6	1480.16	* 113.556	* 113.556			5998.000	12.6	1480.37	* 113.556	* 113.556		
5999.000	12.6	1480.58	* 113.556	* 113.556			6000.000	12.6	1480.79	* 113.555	* 113.555		
6001.000	12.6	1481.00	* 113.555	* 113.555			6002.000	12.6	1481.21	* 113.555	* 113.555		
6003.000	12.6	1481.42	* 113.555	* 113.555			6004.000	12.6	1481.63	* 113.555	* 113.555		
6005.000	12.6	1481.84	* 113.555	* 113.555			6006.000	12.6	1482.05	* 113.555	* 113.555		
6007.000	12.6	1482.26	* 113.555	* 113.555			6008.000	12.6	1482.47	* 113.555	* 113.555		
6009.000	12.6	1482.68	* 113.555	* 113.555			6010.000	12.6	1482.89	* 113.555	* 113.555		
6011.000	12.6	1483.10	* 113.554	* 113.554			6012.000	12.6	1483.31	* 113.554	* 113.554		
6013.000	12.6	1483.52	* 113.554	* 113.554			6014.000	12.6	1483.73	* 113.554	* 113.554		
6015.000	12.6	1483.94	* 113.554	* 113.554			6016.000	12.6	1484.15	* 113.554	* 113.554		
6017.000	12.6	1484.36	* 113.554	* 113.554			6018.000	12.6	1484.57	* 113.554	* 113.554		
6019.000	12.6	1484.78	* 113.554	* 113.554			6020.000	12.6	1484.99	* 113.554	* 113.554		
6021.000	12.6	1485.20	* 113.553	* 113.553			6022.000	12.6	1485.41	* 113.553	* 113.553		
6023.000	12.6	1485.62	* 113.553	* 113.553			6024.000	12.6	1485.83	* 113.553	* 113.553		
6025.000	12.6	1486.04	* 113.553	* 113.553			6026.000	12.6	1486.25	* 113.553	* 113.553		
6027.000	12.6	1486.46	* 113.553	* 113.553			6028.000	12.6	1486.67	* 113.553	* 113.553		
6029.000	12.6	1486.88	* 113.553	* 113.553			6030.000	12.6	1487.09	* 113.553	* 113.553		
6031.000	12.6	1487.30	* 113.552	* 113.552			6032.000	12.6	1487.51	* 113.552	* 113.552		
6033.000	12.6	1487.73	* 113.552	* 113.552			6034.000	12.6	1487.94	* 113.552	* 113.552		
6035.000	12.6	1488.15	* 113.552	* 113.552			6036.000	12.6	1488.36	* 113.552	* 113.552		
6037.000	12.6	1488.57	* 113.552	* 113.552			6038.000	12.6	1488.78	* 113.552	* 113.552		
6039.000	12.6	1488.99	* 113.552	* 113.552			6040.000	12.6	1489.20	* 113.552	* 113.552		
6041.000	12.6	1489.41	* 113.552	* 113.552			6042.000	12.6	1489.62	* 113.551	* 113.551		

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
6043.000	12.6	1489.83	*	113.551	*	113.551	6044.000	12.6	1490.04	*	113.551	*	113.551
6045.000	12.6	1490.25	*	113.551	*	113.551	6046.000	12.6	1490.46	*	113.551	*	113.551
6047.000	12.6	1490.67	*	113.551	*	113.551	6048.000	12.6	1490.88	*	113.551	*	113.551
6049.000	12.6	1491.09	*	113.551	*	113.551	6050.000	12.6	1491.30	*	113.551	*	113.551
6051.000	12.6	1491.51	*	113.551	*	113.551	6052.000	12.6	1491.72	*	113.550	*	113.550
6053.000	12.6	1491.93	*	113.550	*	113.550	6054.000	12.6	1492.14	*	113.550	*	113.550
6055.000	12.6	1492.35	*	113.550	*	113.550	6056.000	12.6	1492.56	*	113.550	*	113.550
6057.000	12.6	1492.77	*	113.550	*	113.550	6058.000	12.6	1492.98	*	113.550	*	113.550
6059.000	12.6	1493.19	*	113.550	*	113.550	6060.000	12.6	1493.40	*	113.550	*	113.550
6061.000	12.6	1493.61	*	113.549	*	113.549	6062.000	12.6	1493.82	*	113.549	*	113.549
6063.000	12.6	1494.03	*	113.549	*	113.549	6064.000	12.6	1494.24	*	113.549	*	113.549
6065.000	12.6	1494.45	*	113.549	*	113.549	6066.000	12.6	1494.66	*	113.549	*	113.549
6067.000	12.6	1494.87	*	113.549	*	113.549	6068.000	12.6	1495.09	*	113.549	*	113.549
6069.000	12.6	1495.30	*	113.549	*	113.549	6070.000	12.6	1495.51	*	113.549	*	113.549
6071.000	12.6	1495.72	*	113.548	*	113.548	6072.000	12.6	1495.93	*	113.548	*	113.548
6073.000	12.6	1496.14	*	113.548	*	113.548	6074.000	12.6	1496.35	*	113.548	*	113.548
6075.000	12.6	1496.56	*	113.548	*	113.548	6076.000	12.6	1496.77	*	113.548	*	113.548
6077.000	12.6	1496.98	*	113.548	*	113.548	6078.000	12.6	1497.19	*	113.548	*	113.548
6079.000	12.6	1497.40	*	113.548	*	113.548	6080.000	12.6	1497.61	*	113.547	*	113.547
6081.000	12.6	1497.82	*	113.547	*	113.547	6082.000	12.6	1498.03	*	113.547	*	113.547
6083.000	12.6	1498.24	*	113.547	*	113.547	6084.000	12.6	1498.45	*	113.547	*	113.547
6085.000	12.6	1498.66	*	113.547	*	113.547	6086.000	12.6	1498.87	*	113.547	*	113.547
6087.000	12.6	1499.08	*	113.547	*	113.547	6088.000	12.6	1499.29	*	113.547	*	113.547
6089.000	12.6	1499.50	*	113.547	*	113.547	6090.000	12.6	1499.71	*	113.546	*	113.546
6091.000	12.6	1499.92	*	113.546	*	113.546	6092.000	12.6	1500.13	*	113.546	*	113.546
6093.000	12.6	1500.34	*	113.546	*	113.546	6094.000	12.6	1500.55	*	113.546	*	113.546
6095.000	12.6	1500.76	*	113.546	*	113.546	6096.000	12.6	1500.97	*	113.546	*	113.546
6097.000	12.6	1501.18	*	113.546	*	113.546	6098.000	12.6	1501.39	*	113.546	*	113.546
6099.000	12.6	1501.60	*	113.545	*	113.545	6100.000	12.6	1501.81	*	113.545	*	113.545
6101.000	12.6	1502.02	*	113.545	*	113.545	6102.000	12.6	1502.23	*	113.545	*	113.545
6103.000	12.6	1502.45	*	113.545	*	113.545	6104.000	12.6	1502.66	*	113.545	*	113.545
6105.000	12.6	1502.87	*	113.545	*	113.545	6106.000	12.6	1503.08	*	113.545	*	113.545
6107.000	12.6	1503.29	*	113.545	*	113.545	6108.000	12.6	1503.50	*	113.544	*	113.544
6109.000	12.6	1503.71	*	113.544	*	113.544	6110.000	12.6	1503.92	*	113.544	*	113.544
6111.000	12.6	1504.13	*	113.544	*	113.544	6112.000	12.6	1504.34	*	113.544	*	113.544
6113.000	12.6	1504.55	*	113.544	*	113.544	6114.000	12.6	1504.76	*	113.544	*	113.544

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
6115.000	12.6	1504.97	*	113.544	* 113.544		6116.000	12.6	1505.18	*	113.544	* 113.544	
6117.000	12.6	1505.39	*	113.543	* 113.543		6118.000	12.6	1505.60	*	113.543	* 113.543	
6119.000	12.6	1505.81	*	113.543	* 113.543		6120.000	12.6	1506.02	*	113.543	* 113.543	
6121.000	12.6	1506.23	*	113.543	* 113.543		6122.000	12.6	1506.44	*	113.543	* 113.543	
6123.000	12.6	1506.65	*	113.543	* 113.543		6124.000	12.6	1506.86	*	113.543	* 113.543	
6125.000	12.6	1507.07	*	113.542	* 113.542		6126.000	12.6	1507.28	*	113.542	* 113.542	
6127.000	12.6	1507.49	*	113.542	* 113.542		6128.000	12.6	1507.70	*	113.542	* 113.542	
6129.000	12.6	1507.91	*	113.541	* 113.541		6130.000	12.6	1508.12	*	113.541	* 113.541	
6131.000	12.6	1508.33	*	113.540	* 113.540		6132.000	12.6	1508.54	*	113.540	* 113.540	
6133.000	12.6	1508.75	*	113.540	* 113.540		6134.000	12.6	1508.96	*	113.539	* 113.539	
6135.000	12.6	1509.17	*	113.539	* 113.539		6136.000	12.6	1509.38	*	113.539	* 113.539	
6137.000	12.6	1509.59	*	113.538	* 113.538		6138.000	12.6	1509.80	*	113.538	* 113.538	
6139.000	12.6	1510.02	*	113.538	* 113.538		6140.000	12.6	1510.23	*	113.537	* 113.537	
6141.000	12.6	1510.44	*	113.537	* 113.537		6142.000	12.6	1510.65	*	113.536	* 113.536	
6143.000	12.6	1510.86	*	113.536	* 113.536		6144.000	12.6	1511.07	*	113.536	* 113.536	
6145.000	12.6	1511.28	*	113.535	* 113.535		6146.000	12.6	1511.49	*	113.535	* 113.535	
6147.000	12.6	1511.70	*	113.535	* 113.535		6148.000	12.6	1511.91	*	113.534	* 113.534	
6149.000	12.6	1512.12	*	113.534	* 113.534		6150.000	12.6	1512.33	*	113.533	* 113.533	
6151.000	12.6	1512.54	*	113.533	* 113.533		6152.000	12.6	1512.75	*	113.533	* 113.533	
6153.000	12.6	1512.96	*	113.532	* 113.532		6154.000	12.6	1513.17	*	113.532	* 113.532	
6155.000	12.6	1513.38	*	113.532	* 113.532		6156.000	12.6	1513.59	*	113.531	* 113.531	
6157.000	12.6	1513.80	*	113.531	* 113.531		6158.000	12.6	1514.01	*	113.530	* 113.530	
6159.000	12.6	1514.22	*	113.530	* 113.530		6160.000	12.6	1514.43	*	113.530	* 113.530	
6161.000	12.6	1514.64	*	113.529	* 113.529		6162.000	12.6	1514.85	*	113.529	* 113.529	
6163.000	12.6	1515.06	*	113.529	* 113.529		6164.000	12.6	1515.27	*	113.528	* 113.528	
6165.000	12.6	1515.48	*	113.528	* 113.528		6166.000	12.6	1515.69	*	113.527	* 113.527	
6167.000	12.6	1515.90	*	113.527	* 113.527		6168.000	12.6	1516.11	*	113.527	* 113.527	
6169.000	12.6	1516.32	*	113.526	* 113.526		6170.000	12.6	1516.53	*	113.526	* 113.526	
6171.000	12.6	1516.74	*	113.526	* 113.526		6172.000	12.6	1516.95	*	113.525	* 113.525	
6173.000	12.6	1517.16	*	113.525	* 113.525		6174.000	12.6	1517.38	*	113.524	* 113.524	
6175.000	12.6	1517.59	*	113.524	* 113.524		6176.000	12.6	1517.80	*	113.524	* 113.524	
6177.000	12.6	1518.01	*	113.523	* 113.523		6178.000	12.6	1518.22	*	113.523	* 113.523	
6179.000	12.6	1518.43	*	113.523	* 113.523		6180.000	12.6	1518.64	*	113.522	* 113.522	
6181.000	12.6	1518.85	*	113.522	* 113.522		6182.000	12.6	1519.06	*	113.521	* 113.521	
6183.000	12.6	1519.27	*	113.521	* 113.521		6184.000	12.6	1519.48	*	113.521	* 113.521	
6185.000	12.6	1519.69	*	113.520	* 113.520		6186.000	12.6	1519.90	*	113.520	* 113.520	

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
6187.000	12.6	1520.11	*		113.520	113.520	6188.000	12.6	1520.32	*		113.519	113.519
6189.000	12.6	1520.53	*		113.519	113.519	6190.000	12.6	1520.74	*		113.518	113.518
6191.000	12.6	1520.95	*		113.518	113.518	6192.000	12.6	1521.16	*		113.518	113.518
6193.000	12.6	1521.37	*		113.517	113.517	6194.000	12.6	1521.58	*		113.517	113.517
6195.000	12.6	1521.79	*		113.516	113.516	6196.000	12.6	1522.00	*		113.516	113.516
6197.000	12.6	1522.21	*		113.516	113.516	6198.000	12.6	1522.42	*		113.515	113.515
6199.000	12.6	1522.63	*		113.515	113.515	6200.000	12.6	1522.84	*		113.515	113.515
6201.000	12.6	1523.05	*		113.514	113.514	6202.000	12.6	1523.26	*		113.514	113.514
6203.000	12.6	1523.47	*		113.513	113.513	6204.000	12.6	1523.68	*		113.513	113.513
6205.000	12.6	1523.89	*		113.513	113.513	6206.000	12.6	1524.10	*		113.512	113.512
6207.000	12.6	1524.31	*		113.512	113.512	6208.000	12.6	1524.52	*		113.511	113.511
6209.000	12.6	1524.73	*		113.511	113.511	6210.000	12.6	1524.95	*		113.511	113.511
6211.000	12.6	1525.16	*		113.510	113.510	6212.000	12.6	1525.37	*		113.510	113.510
6213.000	12.6	1525.58	*		113.509	113.509	6214.000	12.6	1525.79	*		113.509	113.509
6215.000	12.6	1526.00	*		113.509	113.509	6216.000	12.6	1526.21	*		113.508	113.508
6217.000	12.6	1526.42	*		113.508	113.508	6218.000	12.6	1526.63	*		113.508	113.508
6219.000	12.6	1526.84	*		113.507	113.507	6220.000	12.6	1527.05	*		113.507	113.507
6221.000	12.6	1527.26	*		113.506	113.506	6222.000	12.6	1527.47	*		113.506	113.506
6223.000	12.6	1527.68	*		113.506	113.506	6224.000	12.6	1527.89	*		113.505	113.505
6225.000	12.6	1528.10	*		113.505	113.505	6226.000	12.6	1528.31	*		113.504	113.504
6227.000	12.6	1528.52	*		113.504	113.504	6228.000	12.6	1528.73	*		113.504	113.504
6229.000	12.6	1528.94	*		113.503	113.503	6230.000	12.6	1529.15	*		113.503	113.503
6231.000	12.6	1529.36	*		113.502	113.502	6232.000	12.6	1529.57	*		113.502	113.502
6233.000	12.6	1529.78	*		113.502	113.502	6234.000	12.6	1529.99	*		113.501	113.501
6235.000	12.6	1530.20	*		113.501	113.501	6236.000	12.6	1530.41	*		113.500	113.500
6237.000	12.6	1530.62	*		113.500	113.500	6238.000	12.6	1530.83	*		113.500	113.500
6239.000	12.6	1531.04	*		113.499	113.499	6240.000	12.6	1531.25	*		113.499	113.499
6241.000	12.6	1531.46	*		113.498	113.498	6242.000	12.6	1531.67	*		113.498	113.498
6243.000	12.6	1531.88	*		113.498	113.498	6244.000	12.6	1532.09	*		113.497	113.497
6245.000	12.6	1532.31	*		113.497	113.497	6246.000	12.6	1532.52	*		113.496	113.496
6247.000	12.6	1532.73	*		113.496	113.496	6248.000	12.6	1532.94	*		113.496	113.496
6249.000	12.6	1533.15	*		113.495	113.495	6250.000	12.6	1533.36	*		113.495	113.495
6251.000	12.6	1533.57	*		113.494	113.494	6252.000	12.6	1533.78	*		113.494	113.494
6253.000	12.6	1533.99	*		113.494	113.494	6254.000	12.6	1534.20	*		113.493	113.493
6255.000	12.6	1534.41	*		113.493	113.493	6256.000	12.6	1534.62	*		113.492	113.492
6257.000	12.6	1534.83	*		113.492	113.492	6258.000	12.6	1535.04	*		113.492	113.492

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
6259.000	12.6	1535.25	*	113.491	* 113.491		6260.000	12.6	1535.46	*	113.491	* 113.491	
6261.000	12.6	1535.67	*	113.490	* 113.490		6262.000	12.6	1535.88	*	113.490	* 113.490	
6263.000	12.6	1536.09	*	113.490	* 113.490		6264.000	12.6	1536.30	*	113.489	* 113.489	
6265.000	12.6	1536.51	*	113.489	* 113.489		6266.000	12.6	1536.72	*	113.488	* 113.488	
6267.000	12.6	1536.93	*	113.488	* 113.488		6268.000	12.6	1537.14	*	113.488	* 113.488	
6269.000	12.6	1537.35	*	113.487	* 113.487		6270.000	12.6	1537.56	*	113.487	* 113.487	
6271.000	12.6	1537.77	*	113.486	* 113.486		6272.000	12.6	1537.98	*	113.486	* 113.486	
6273.000	12.6	1538.19	*	113.485	* 113.485		6274.000	12.6	1538.40	*	113.485	* 113.485	
6275.000	12.6	1538.61	*	113.485	* 113.485		6276.000	12.6	1538.82	*	113.484	* 113.484	
6277.000	12.6	1539.03	*	113.484	* 113.484		6278.000	12.6	1539.24	*	113.483	* 113.483	
6279.000	12.6	1539.45	*	113.483	* 113.483		6280.000	12.6	1539.67	*	113.483	* 113.483	
6281.000	12.6	1539.88	*	113.482	* 113.482		6282.000	12.6	1540.09	*	113.482	* 113.482	
6283.000	12.6	1540.30	*	113.481	* 113.481		6284.000	12.6	1540.51	*	113.481	* 113.481	
6285.000	12.6	1540.72	*	113.481	* 113.481		6286.000	12.6	1540.93	*	113.480	* 113.480	
6287.000	12.6	1541.14	*	113.480	* 113.480		6288.000	12.6	1541.35	*	113.479	* 113.479	
6289.000	12.6	1541.56	*	113.479	* 113.479		6290.000	12.6	1541.77	*	113.478	* 113.478	
6291.000	12.6	1541.98	*	113.478	* 113.478		6292.000	12.6	1542.19	*	113.478	* 113.478	
6293.000	12.6	1542.40	*	113.477	* 113.477		6294.000	12.6	1542.61	*	113.477	* 113.477	
6295.000	12.6	1542.82	*	113.476	* 113.476		6296.000	12.6	1543.03	*	113.476	* 113.476	
6297.000	12.6	1543.24	*	113.476	* 113.476		6298.000	12.6	1543.45	*	113.475	* 113.475	
6299.000	12.6	1543.66	*	113.475	* 113.475		6300.000	12.6	1543.87	*	113.474	* 113.474	
6301.000	12.6	1544.08	*	113.474	* 113.474		6302.000	12.6	1544.29	*	113.473	* 113.473	
6303.000	12.6	1544.50	*	113.473	* 113.473		6304.000	12.6	1544.71	*	113.473	* 113.473	
6305.000	12.6	1544.92	*	113.472	* 113.472		6306.000	12.6	1545.13	*	113.472	* 113.472	
6307.000	12.6	1545.34	*	113.471	* 113.471		6308.000	12.6	1545.55	*	113.471	* 113.471	
6309.000	12.6	1545.76	*	113.471	* 113.471		6310.000	12.6	1545.97	*	113.470	* 113.470	
6311.000	12.6	1546.18	*	113.470	* 113.470		6312.000	12.6	1546.39	*	113.469	* 113.469	
6313.000	12.6	1546.60	*	113.469	* 113.469		6314.000	12.6	1546.81	*	113.468	* 113.468	
6315.000	12.6	1547.03	*	113.468	* 113.468		6316.000	12.6	1547.24	*	113.468	* 113.468	
6317.000	12.6	1547.45	*	113.467	* 113.467		6318.000	12.6	1547.66	*	113.467	* 113.467	
6319.000	12.6	1547.87	*	113.466	* 113.466		6320.000	12.6	1548.08	*	113.466	* 113.466	
6321.000	12.6	1548.29	*	113.465	* 113.465		6322.000	12.6	1548.50	*	113.465	* 113.465	
6323.000	12.6	1548.71	*	113.465	* 113.465		6324.000	12.6	1548.92	*	113.464	* 113.464	
6325.000	12.6	1549.13	*	113.464	* 113.464		6326.000	12.6	1549.34	*	113.463	* 113.463	
6327.000	12.6	1549.55	*	113.463	* 113.463		6328.000	12.6	1549.76	*	113.462	* 113.462	
6329.000	12.6	1549.97	*	113.462	* 113.462		6330.000	12.6	1550.18	*	113.462	* 113.462	

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
6331.000	12.6	1550.39	*		113.461	113.461	6332.000	12.6	1550.60	*		113.461	113.461
6333.000	12.6	1550.81	*		113.460	113.460	6334.000	12.6	1551.02	*		113.460	113.460
6335.000	12.6	1551.23	*		113.459	113.459	6336.000	12.6	1551.44	*		113.459	113.459
6337.000	12.6	1551.65	*		113.459	113.459	6338.000	12.6	1551.86	*		113.458	113.458
6339.000	12.6	1552.07	*		113.458	113.458	6340.000	12.6	1552.28	*		113.457	113.457
6341.000	12.6	1552.49	*		113.457	113.457	6342.000	12.6	1552.70	*		113.456	113.456
6343.000	12.6	1552.91	*		113.456	113.456	6344.000	12.6	1553.12	*		113.455	113.455
6345.000	12.6	1553.33	*		113.455	113.455	6346.000	12.6	1553.54	*		113.455	113.455
6347.000	12.6	1553.75	*		113.454	113.454	6348.000	12.6	1553.96	*		113.454	113.454
6349.000	12.6	1554.17	*		113.453	113.453	6350.000	12.6	1554.39	*		113.453	113.453
6351.000	12.6	1554.60	*		113.452	113.452	6352.000	12.6	1554.81	*		113.452	113.452
6353.000	12.6	1555.02	*		113.452	113.452	6354.000	12.6	1555.23	*		113.451	113.451
6355.000	12.6	1555.44	*		113.451	113.451	6356.000	12.6	1555.65	*		113.450	113.450
6357.000	12.6	1555.86	*		113.450	113.450	6358.000	12.6	1556.07	*		113.449	113.449
6359.000	12.6	1556.28	*		113.449	113.449	6360.000	12.6	1556.49	*		113.448	113.448
6361.000	12.6	1556.70	*		113.448	113.448	6362.000	12.6	1556.91	*		113.448	113.448
6363.000	12.6	1557.12	*		113.447	113.447	6364.000	12.6	1557.33	*		113.447	113.447
6365.000	12.6	1557.54	*		113.446	113.446	6366.000	12.6	1557.75	*		113.446	113.446
6367.000	12.6	1557.96	*		113.445	113.445	6368.000	12.6	1558.17	*		113.445	113.445
6369.000	12.6	1558.38	*		113.444	113.444	6370.000	12.6	1558.59	*		113.444	113.444
6371.000	12.6	1558.80	*		113.444	113.444	6372.000	12.6	1559.01	*		113.443	113.443
6373.000	12.6	1559.22	*		113.443	113.443	6374.000	12.6	1559.43	*		113.442	113.442
6375.000	12.6	1559.64	*		113.442	113.442	6376.000	12.6	1559.85	*		113.441	113.441
6377.000	12.6	1560.06	*		113.441	113.441	6378.000	12.6	1560.27	*		113.440	113.440
6379.000	12.6	1560.48	*		113.440	113.440	6380.000	12.6	1560.69	*		113.440	113.440
6381.000	12.6	1560.90	*		113.439	113.439	6382.000	12.6	1561.11	*		113.439	113.439
6383.000	12.6	1561.32	*		113.438	113.438	6384.000	12.6	1561.53	*		113.438	113.438
6385.000	12.6	1561.74	*		113.437	113.437	6386.000	12.6	1561.96	*		113.437	113.437
6387.000	12.6	1562.17	*		113.436	113.436	6388.000	12.6	1562.38	*		113.436	113.436
6389.000	12.6	1562.59	*		113.435	113.435	6390.000	12.6	1562.80	*		113.435	113.435
6391.000	12.6	1563.01	*		113.435	113.435	6392.000	12.6	1563.22	*		113.434	113.434
6393.000	12.6	1563.43	*		113.434	113.434	6394.000	12.6	1563.64	*		113.433	113.433
6395.000	12.6	1563.85	*		113.433	113.433	6396.000	12.6	1564.06	*		113.432	113.432
6397.000	12.6	1564.27	*		113.432	113.432	6398.000	12.6	1564.48	*		113.431	113.431
6399.000	12.6	1564.69	*		113.431	113.431	6400.000	12.6	1564.90	*		113.430	113.430
6401.000	12.6	1565.11	*		113.430	113.430	6402.000	12.6	1565.32	*		113.430	113.430

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
6403.000	12.6	1565.53	*	113.429	*	113.429	6404.000	12.6	1565.74	*	113.429	*	113.429
6405.000	12.6	1565.95	*	113.428	*	113.428	6406.000	12.6	1566.16	*	113.428	*	113.428
6407.000	12.6	1566.37	*	113.427	*	113.427	6408.000	12.6	1566.58	*	113.427	*	113.427
6409.000	12.6	1566.79	*	113.426	*	113.426	6410.000	12.6	1567.00	*	113.426	*	113.426
6411.000	12.6	1567.21	*	113.425	*	113.425	6412.000	12.6	1567.42	*	113.425	*	113.425
6413.000	12.6	1567.63	*	113.424	*	113.424	6414.000	12.6	1567.84	*	113.424	*	113.424
6415.000	12.6	1568.05	*	113.424	*	113.424	6416.000	12.6	1568.26	*	113.423	*	113.423
6417.000	12.6	1568.47	*	113.423	*	113.423	6418.000	12.6	1568.68	*	113.422	*	113.422
6419.000	12.6	1568.89	*	113.422	*	113.422	6420.000	12.6	1569.10	*	113.421	*	113.421
6421.000	12.6	1569.32	*	113.421	*	113.421	6422.000	12.6	1569.53	*	113.420	*	113.420
6423.000	12.6	1569.74	*	113.420	*	113.420	6424.000	12.6	1569.95	*	113.419	*	113.419
6425.000	12.6	1570.16	*	113.419	*	113.419	6426.000	12.6	1570.37	*	113.418	*	113.418
6427.000	12.6	1570.58	*	113.418	*	113.418	6428.000	12.6	1570.79	*	113.418	*	113.418
6429.000	12.6	1571.00	*	113.417	*	113.417	6430.000	12.6	1571.21	*	113.417	*	113.417
6431.000	12.6	1571.42	*	113.416	*	113.416	6432.000	12.6	1571.63	*	113.416	*	113.416
6433.000	12.6	1571.84	*	113.415	*	113.415	6434.000	12.6	1572.05	*	113.415	*	113.415
6435.000	12.6	1572.26	*	113.414	*	113.414	6436.000	12.6	1572.47	*	113.414	*	113.414
6437.000	12.6	1572.68	*	113.413	*	113.413	6438.000	12.6	1572.89	*	113.413	*	113.413
6439.000	12.6	1573.10	*	113.412	*	113.412	6440.000	12.6	1573.31	*	113.412	*	113.412
6441.000	12.6	1573.52	*	113.411	*	113.411	6442.000	12.6	1573.73	*	113.411	*	113.411
6443.000	12.6	1573.94	*	113.410	*	113.410	6444.000	12.6	1574.15	*	113.410	*	113.410
6445.000	12.6	1574.36	*	113.409	*	113.409	6446.000	12.6	1574.57	*	113.409	*	113.409
6447.000	12.6	1574.78	*	113.409	*	113.409	6448.000	12.6	1574.99	*	113.408	*	113.408
6449.000	12.6	1575.20	*	113.408	*	113.408	6450.000	12.6	1575.41	*	113.407	*	113.407
6451.000	12.6	1575.62	*	113.407	*	113.407	6452.000	12.6	1575.83	*	113.406	*	113.406
6453.000	12.6	1576.04	*	113.406	*	113.406	6454.000	12.6	1576.25	*	113.405	*	113.405
6455.000	12.6	1576.46	*	113.405	*	113.405	6456.000	12.6	1576.68	*	113.404	*	113.404
6457.000	12.6	1576.89	*	113.404	*	113.404	6458.000	12.6	1577.10	*	113.403	*	113.403
6459.000	12.6	1577.31	*	113.403	*	113.403	6460.000	12.6	1577.52	*	113.402	*	113.402
6461.000	12.6	1577.73	*	113.402	*	113.402	6462.000	12.6	1577.94	*	113.401	*	113.401
6463.000	12.6	1578.15	*	113.401	*	113.401	6464.000	12.6	1578.36	*	113.400	*	113.400
6465.000	12.6	1578.57	*	113.400	*	113.400	6466.000	12.6	1578.78	*	113.399	*	113.399
6467.000	12.6	1578.99	*	113.399	*	113.399	6468.000	12.6	1579.20	*	113.398	*	113.398
6469.000	12.6	1579.41	*	113.398	*	113.398	6470.000	12.6	1579.62	*	113.397	*	113.397
6471.000	12.6	1579.83	*	113.397	*	113.397	6472.000	12.6	1580.04	*	113.396	*	113.396
6473.000	12.6	1580.25	*	113.396	*	113.396	6474.000	12.6	1580.46	*	113.395	*	113.395

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
6475.000	12.6	1580.67	*	113.395	* 113.395		6476.000	12.6	1580.88	*	113.394	* 113.394	
6477.000	12.6	1581.09	*	113.394	* 113.394		6478.000	12.6	1581.30	*	113.394	* 113.394	
6479.000	12.6	1581.51	*	113.393	* 113.393		6480.000	12.6	1581.72	*	113.393	* 113.393	
6481.000	12.6	1581.93	*	113.392	* 113.392		6482.000	12.6	1582.14	*	113.392	* 113.392	
6483.000	12.6	1582.35	*	113.391	* 113.391		6484.000	12.6	1582.56	*	113.391	* 113.391	
6485.000	12.6	1582.77	*	113.390	* 113.390		6486.000	12.6	1582.98	*	113.390	* 113.390	
6487.000	12.6	1583.19	*	113.389	* 113.389		6488.000	12.6	1583.40	*	113.389	* 113.389	
6489.000	12.6	1583.61	*	113.388	* 113.388		6490.000	12.6	1583.82	*	113.388	* 113.388	
6491.000	12.6	1584.03	*	113.387	* 113.387		6492.000	12.6	1584.25	*	113.387	* 113.387	
6493.000	12.6	1584.46	*	113.386	* 113.386		6494.000	12.6	1584.67	*	113.386	* 113.386	
6495.000	12.6	1584.88	*	113.385	* 113.385		6496.000	12.6	1585.09	*	113.385	* 113.385	
6497.000	12.6	1585.30	*	113.385	* 113.385		6498.000	12.6	1585.51	*	113.384	* 113.384	
6499.000	12.6	1585.72	*	113.384	* 113.384		6500.000	12.6	1585.93	*	113.383	* 113.383	
6501.000	12.6	1586.14	*	113.383	* 113.383		6502.000	12.6	1586.35	*	113.382	* 113.382	
6503.000	12.6	1586.56	*	113.382	* 113.382		6504.000	12.6	1586.77	*	113.381	* 113.381	
6505.000	12.6	1586.98	*	113.381	* 113.381		6506.000	12.6	1587.19	*	113.381	* 113.381	
6507.000	12.6	1587.40	*	113.380	* 113.380		6508.000	12.6	1587.61	*	113.380	* 113.380	
6509.000	12.6	1587.82	*	113.379	* 113.379		6510.000	12.6	1588.03	*	113.379	* 113.379	
6511.000	12.6	1588.24	*	113.378	* 113.378		6512.000	12.6	1588.45	*	113.378	* 113.378	
6513.000	12.6	1588.66	*	113.378	* 113.378		6514.000	12.6	1588.87	*	113.377	* 113.377	
6515.000	12.6	1589.08	*	113.377	* 113.377		6516.000	12.6	1589.29	*	113.376	* 113.376	
6517.000	12.6	1589.50	*	113.376	* 113.376		6518.000	12.6	1589.71	*	113.375	* 113.375	
6519.000	12.6	1589.92	*	113.375	* 113.375		6520.000	12.6	1590.13	*	113.374	* 113.374	
6521.000	12.6	1590.34	*	113.374	* 113.374		6522.000	12.6	1590.55	*	113.374	* 113.374	
6523.000	12.6	1590.76	*	113.373	* 113.373		6524.000	12.6	1590.97	*	113.373	* 113.373	
6525.000	12.6	1591.18	*	113.372	* 113.372		6526.000	12.6	1591.39	*	113.372	* 113.372	
6527.000	12.6	1591.61	*	113.371	* 113.371		6528.000	12.6	1591.82	*	113.371	* 113.371	
6529.000	12.6	1592.03	*	113.370	* 113.370		6530.000	12.6	1592.24	*	113.370	* 113.370	
6531.000	12.6	1592.45	*	113.369	* 113.369		6532.000	12.6	1592.66	*	113.369	* 113.369	
6533.000	12.6	1592.87	*	113.369	* 113.369		6534.000	12.6	1593.08	*	113.368	* 113.368	
6535.000	12.6	1593.29	*	113.368	* 113.368		6536.000	12.6	1593.50	*	113.367	* 113.367	
6537.000	12.6	1593.71	*	113.367	* 113.367		6538.000	12.6	1593.92	*	113.366	* 113.366	
6539.000	12.6	1594.13	*	113.366	* 113.366		6540.000	12.6	1594.34	*	113.365	* 113.365	
6541.000	12.6	1594.55	*	113.365	* 113.365		6542.000	12.6	1594.76	*	113.364	* 113.364	
6543.000	12.6	1594.97	*	113.364	* 113.364		6544.000	12.6	1595.18	*	113.364	* 113.364	
6545.000	12.6	1595.39	*	113.363	* 113.363		6546.000	12.6	1595.60	*	113.363	* 113.363	

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
6547.000	12.6	1595.81	*		113.362	113.362	6548.000	12.6	1596.02	*		113.362	113.362
6549.000	12.6	1596.23	*		113.361	113.361	6550.000	12.6	1596.44	*		113.361	113.361
6551.000	12.6	1596.65	*		113.360	113.360	6552.000	12.6	1596.86	*		113.360	113.360
6553.000	12.6	1597.07	*		113.359	113.359	6554.000	12.6	1597.28	*		113.359	113.359
6555.000	12.6	1597.49	*		113.358	113.358	6556.000	12.6	1597.70	*		113.358	113.358
6557.000	12.6	1597.91	*		113.357	113.357	6558.000	12.6	1598.12	*		113.357	113.357
6559.000	12.6	1598.33	*		113.357	113.357	6560.000	12.6	1598.54	*		113.356	113.356
6561.000	12.6	1598.75	*		113.356	113.356	6562.000	12.6	1598.97	*		113.355	113.355
6563.000	12.6	1599.18	*		113.355	113.355	6564.000	12.6	1599.39	*		113.354	113.354
6565.000	12.6	1599.60	*		113.354	113.354	6566.000	12.6	1599.81	*		113.353	113.353
6567.000	12.6	1600.02	*		113.353	113.353	6568.000	12.6	1600.23	*		113.352	113.352
6569.000	12.6	1600.44	*		113.352	113.352	6570.000	12.6	1600.65	*		113.351	113.351
6571.000	12.6	1600.86	*		113.351	113.351	6572.000	12.6	1601.07	*		113.350	113.350
6573.000	12.6	1601.28	*		113.350	113.350	6574.000	12.6	1601.49	*		113.349	113.349
6575.000	12.6	1601.70	*		113.349	113.349	6576.000	12.6	1601.91	*		113.348	113.348
6577.000	12.6	1602.12	*		113.348	113.348	6578.000	12.6	1602.33	*		113.347	113.347
6579.000	12.6	1602.54	*		113.347	113.347	6580.000	12.6	1602.75	*		113.346	113.346
6581.000	12.6	1602.96	*		113.346	113.346	6582.000	12.6	1603.17	*		113.345	113.345
6583.000	12.6	1603.38	*		113.345	113.345	6584.000	12.6	1603.59	*		113.345	113.345
6585.000	12.6	1603.80	*		113.344	113.344	6586.000	12.6	1604.01	*		113.344	113.344
6587.000	12.6	1604.22	*		113.343	113.343	6588.000	12.6	1604.43	*		113.343	113.343
6589.000	12.6	1604.64	*		113.342	113.342	6590.000	12.6	1604.85	*		113.342	113.342
6591.000	12.6	1605.06	*		113.341	113.341	6592.000	12.6	1605.27	*		113.341	113.341
6593.000	12.6	1605.48	*		113.340	113.340	6594.000	12.6	1605.69	*		113.340	113.340
6595.000	12.6	1605.90	*		113.339	113.339	6596.000	12.6	1606.11	*		113.339	113.339
6597.000	12.6	1606.32	*		113.338	113.338	6598.000	12.6	1606.54	*		113.338	113.338
6599.000	12.6	1606.75	*		113.337	113.337	6600.000	12.6	1606.96	*		113.337	113.337
6601.000	12.6	1607.17	*		113.336	113.336	6602.000	12.6	1607.38	*		113.336	113.336
6603.000	12.6	1607.59	*		113.335	113.335	6604.000	12.6	1607.80	*		113.335	113.335
6605.000	12.6	1608.01	*		113.334	113.334	6606.000	12.6	1608.22	*		113.334	113.334
6607.000	12.6	1608.43	*		113.333	113.333	6608.000	12.6	1608.64	*		113.333	113.333
6609.000	12.6	1608.85	*		113.332	113.332	6610.000	12.6	1609.06	*		113.332	113.332
6611.000	12.6	1609.27	*		113.331	113.331	6612.000	12.6	1609.48	*		113.330	113.330
6613.000	12.6	1609.69	*		113.330	113.330	6614.000	12.6	1609.90	*		113.329	113.329
6615.000	12.6	1610.11	*		113.329	113.329	6616.000	12.6	1610.32	*		113.328	113.328
6617.000	12.6	1610.53	*		113.328	113.328	6618.000	12.6	1610.74	*		113.327	113.327

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
6619.000	12.6	1610.95	*		113.327	113.327	6620.000	12.6	1611.16	*		113.326	113.326
6621.000	12.6	1611.37	*		113.326	113.326	6622.000	12.6	1611.58	*		113.325	113.325
6623.000	12.6	1611.79	*		113.325	113.325	6624.000	12.6	1612.00	*		113.324	113.324
6625.000	12.6	1612.21	*		113.324	113.324	6626.000	12.6	1612.42	*		113.323	113.323
6627.000	12.6	1612.63	*		113.323	113.323	6628.000	12.6	1612.84	*		113.322	113.322
6629.000	12.6	1613.05	*		113.322	113.322	6630.000	12.6	1613.26	*		113.321	113.321
6631.000	12.6	1613.47	*		113.321	113.321	6632.000	12.6	1613.68	*		113.320	113.320
6633.000	12.6	1613.90	*		113.320	113.320	6634.000	12.6	1614.11	*		113.319	113.319
6635.000	12.6	1614.32	*		113.319	113.319	6636.000	12.6	1614.53	*		113.318	113.318
6637.000	12.6	1614.74	*		113.317	113.317	6638.000	12.6	1614.95	*		113.317	113.317
6639.000	12.6	1615.16	*		113.316	113.316	6640.000	12.6	1615.37	*		113.316	113.316
6641.000	12.6	1615.58	*		113.315	113.315	6642.000	12.6	1615.79	*		113.315	113.315
6643.000	12.6	1616.00	*		113.314	113.314	6644.000	12.6	1616.21	*		113.314	113.314
6645.000	12.6	1616.42	*		113.313	113.313	6646.000	12.6	1616.63	*		113.313	113.313
6647.000	12.6	1616.84	*		113.312	113.312	6648.000	12.6	1617.05	*		113.312	113.312
6649.000	12.6	1617.26	*		113.311	113.311	6650.000	12.6	1617.47	*		113.310	113.310
6651.000	12.6	1617.68	*		113.310	113.310	6652.000	12.6	1617.89	*		113.309	113.309
6653.000	12.6	1618.10	*		113.309	113.309	6654.000	12.6	1618.31	*		113.308	113.308
6655.000	12.6	1618.52	*		113.308	113.308	6656.000	12.6	1618.73	*		113.307	113.307
6657.000	12.6	1618.94	*		113.307	113.307	6658.000	12.6	1619.15	*		113.306	113.306
6659.000	12.6	1619.36	*		113.306	113.306	6660.000	12.6	1619.57	*		113.305	113.305
6661.000	12.6	1619.78	*		113.304	113.304	6662.000	12.6	1619.99	*		113.304	113.304
6663.000	12.6	1620.20	*		113.303	113.303	6664.000	12.6	1620.41	*		113.303	113.303
6665.000	12.6	1620.62	*		113.302	113.302	6666.000	12.6	1620.83	*		113.302	113.302
6667.000	12.6	1621.04	*		113.301	113.301	6668.000	12.6	1621.26	*		113.301	113.301
6669.000	12.6	1621.47	*		113.300	113.300	6670.000	12.6	1621.68	*		113.299	113.299
6671.000	12.6	1621.89	*		113.299	113.299	6672.000	12.6	1622.10	*		113.298	113.298
6673.000	12.6	1622.31	*		113.298	113.298	6674.000	12.6	1622.52	*		113.297	113.297
6675.000	12.6	1622.73	*		113.297	113.297	6676.000	12.6	1622.94	*		113.296	113.296
6677.000	12.6	1623.15	*		113.296	113.296	6678.000	12.6	1623.36	*		113.295	113.295
6679.000	12.6	1623.57	*		113.294	113.294	6680.000	12.6	1623.78	*		113.294	113.294
6681.000	12.6	1623.99	*		113.293	113.293	6682.000	12.6	1624.20	*		113.293	113.293
6683.000	12.6	1624.41	*		113.292	113.292	6684.000	12.6	1624.62	*		113.292	113.292
6685.000	12.6	1624.83	*		113.291	113.291	6686.000	12.6	1625.04	*		113.290	113.290
6687.000	12.6	1625.25	*		113.290	113.290	6688.000	12.6	1625.46	*		113.289	113.289
6689.000	12.6	1625.67	*		113.289	113.289	6690.000	12.6	1625.88	*		113.288	113.288

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
6691.000	12.6	1626.09	* 113.288	* 113.288	6692.000	12.6	1626.30	* 113.287	* 113.287
6693.000	12.6	1626.51	* 113.286	* 113.286	6694.000	12.6	1626.72	* 113.286	* 113.286
6695.000	12.6	1626.93	* 113.285	* 113.285	6696.000	12.6	1627.14	* 113.285	* 113.285
6697.000	12.6	1627.35	* 113.284	* 113.284	6698.000	12.6	1627.56	* 113.283	* 113.283
6699.000	12.6	1627.77	* 113.283	* 113.283	6700.000	12.6	1627.98	* 113.282	* 113.282
6701.000	12.6	1628.19	* 113.281	* 113.281	6702.000	12.6	1628.40	* 113.280	* 113.280
6703.000	12.6	1628.62	* 113.280	* 113.280	6704.000	12.6	1628.83	* 113.279	* 113.279
6705.000	12.6	1629.04	* 113.278	* 113.278	6706.000	12.6	1629.25	* 113.278	* 113.278
6707.000	12.6	1629.46	* 113.277	* 113.277	6708.000	12.6	1629.67	* 113.276	* 113.276
6709.000	12.6	1629.88	* 113.275	* 113.275	6710.000	12.6	1630.09	* 113.275	* 113.275
6711.000	12.6	1630.30	* 113.274	* 113.274	6712.000	12.6	1630.51	* 113.273	* 113.273
6713.000	12.6	1630.72	* 113.273	* 113.273	6714.000	12.6	1630.93	* 113.272	* 113.272
6715.000	12.6	1631.14	* 113.271	* 113.271	6716.000	12.6	1631.35	* 113.271	* 113.271
6717.000	12.6	1631.56	* 113.270	* 113.270	6718.000	12.6	1631.77	* 113.269	* 113.269
6719.000	12.6	1631.98	* 113.268	* 113.268	6720.000	12.6	1632.19	* 113.268	* 113.268
6721.000	12.6	1632.40	* 113.267	* 113.267	6722.000	12.6	1632.61	* 113.266	* 113.266
6723.000	12.6	1632.82	* 113.266	* 113.266	6724.000	12.6	1633.03	* 113.265	* 113.265
6725.000	12.6	1633.24	* 113.264	* 113.264	6726.000	12.6	1633.45	* 113.263	* 113.263
6727.000	12.6	1633.66	* 113.263	* 113.263	6728.000	12.6	1633.87	* 113.262	* 113.262
6729.000	12.6	1634.08	* 113.261	* 113.261	6730.000	12.6	1634.29	* 113.261	* 113.261
6731.000	12.6	1634.50	* 113.260	* 113.260	6732.000	12.6	1634.71	* 113.259	* 113.259
6733.000	12.6	1634.92	* 113.258	* 113.258	6734.000	12.6	1635.13	* 113.258	* 113.258
6735.000	12.6	1635.34	* 113.257	* 113.257	6736.000	12.6	1635.55	* 113.256	* 113.256
6737.000	12.6	1635.76	* 113.256	* 113.256	6738.000	12.6	1635.97	* 113.255	* 113.255
6739.000	12.6	1636.19	* 113.254	* 113.254	6740.000	12.6	1636.40	* 113.254	* 113.254
6741.000	12.6	1636.61	* 113.253	* 113.253	6742.000	12.6	1636.82	* 113.252	* 113.252
6743.000	12.6	1637.03	* 113.251	* 113.251	6744.000	12.6	1637.24	* 113.251	* 113.251
6745.000	12.6	1637.45	* 113.250	* 113.250	6746.000	12.6	1637.66	* 113.249	* 113.249
6747.000	12.6	1637.87	* 113.249	* 113.249	6748.000	12.6	1638.08	* 113.248	* 113.248
6749.000	12.6	1638.29	* 113.247	* 113.247	6750.000	12.6	1638.50	* 113.246	* 113.246
6751.000	12.6	1638.71	* 113.246	* 113.246	6752.000	12.6	1638.92	* 113.245	* 113.245
6753.000	12.6	1639.13	* 113.244	* 113.244	6754.000	12.6	1639.34	* 113.243	* 113.243
6755.000	12.6	1639.55	* 113.243	* 113.243	6756.000	12.6	1639.76	* 113.242	* 113.242
6757.000	12.6	1639.97	* 113.241	* 113.241	6758.000	12.6	1640.18	* 113.241	* 113.241
6759.000	12.6	1640.39	* 113.240	* 113.240	6760.000	12.6	1640.60	* 113.239	* 113.239
6761.000	12.6	1640.81	* 113.238	* 113.238	6762.000	12.6	1641.02	* 113.238	* 113.238

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DIV 1 Battery 1A 48-Hour Coping Study

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
6763.000	12.6	1641.23	*		113.237	113.237	6764.000	12.6	1641.44	*		113.236	113.236
6765.000	12.6	1641.65	*		113.236	113.236	6766.000	12.6	1641.86	*		113.235	113.235
6767.000	12.6	1642.07	*		113.234	113.234	6768.000	12.6	1642.28	*		113.233	113.233
6769.000	12.6	1642.49	*		113.233	113.233	6770.000	12.6	1642.70	*		113.232	113.232
6771.000	12.6	1642.91	*		113.231	113.231	6772.000	12.6	1643.12	*		113.231	113.231
6773.000	12.6	1643.33	*		113.230	113.230	6774.000	12.6	1643.55	*		113.229	113.229
6775.000	12.6	1643.76	*		113.228	113.228	6776.000	12.6	1643.97	*		113.228	113.228
6777.000	12.6	1644.18	*		113.227	113.227	6778.000	12.6	1644.39	*		113.226	113.226
6779.000	12.6	1644.60	*		113.226	113.226	6780.000	12.6	1644.81	*		113.225	113.225
6781.000	12.6	1645.02	*		113.224	113.224	6782.000	12.6	1645.23	*		113.223	113.223
6783.000	12.6	1645.44	*		113.223	113.223	6784.000	12.6	1645.65	*		113.222	113.222
6785.000	12.6	1645.86	*		113.221	113.221	6786.000	12.6	1646.07	*		113.220	113.220
6787.000	12.6	1646.28	*		113.220	113.220	6788.000	12.6	1646.49	*		113.219	113.219
6789.000	12.6	1646.70	*		113.218	113.218	6790.000	12.6	1646.91	*		113.218	113.218
6791.000	12.6	1647.12	*		113.217	113.217	6792.000	12.6	1647.33	*		113.216	113.216
6793.000	12.6	1647.54	*		113.215	113.215	6794.000	12.6	1647.75	*		113.215	113.215
6795.000	12.6	1647.96	*		113.214	113.214	6796.000	12.6	1648.17	*		113.213	113.213
6797.000	12.6	1648.38	*		113.212	113.212	6798.000	12.6	1648.59	*		113.212	113.212
6799.000	12.6	1648.80	*		113.211	113.211	6800.000	12.6	1649.01	*		113.210	113.210
6801.000	12.6	1649.22	*		113.210	113.210	6802.000	12.6	1649.43	*		113.209	113.209
6803.000	12.6	1649.64	*		113.208	113.208	6804.000	12.6	1649.85	*		113.207	113.207
6805.000	12.6	1650.06	*		113.207	113.207	6806.000	12.6	1650.27	*		113.206	113.206
6807.000	12.6	1650.48	*		113.205	113.205	6808.000	12.6	1650.69	*		113.204	113.204
6809.000	12.6	1650.91	*		113.204	113.204	6810.000	12.6	1651.12	*		113.203	113.203
6811.000	12.6	1651.33	*		113.202	113.202	6812.000	12.6	1651.54	*		113.202	113.202
6813.000	12.6	1651.75	*		113.201	113.201	6814.000	12.6	1651.96	*		113.200	113.200
6815.000	12.6	1652.17	*		113.199	113.199	6816.000	12.6	1652.38	*		113.199	113.199
6817.000	12.6	1652.59	*		113.198	113.198	6818.000	12.6	1652.80	*		113.197	113.197
6819.000	12.6	1653.01	*		113.196	113.196	6820.000	12.6	1653.22	*		113.196	113.196
6821.000	12.6	1653.43	*		113.195	113.195	6822.000	12.6	1653.64	*		113.194	113.194
6823.000	12.6	1653.85	*		113.193	113.193	6824.000	12.6	1654.06	*		113.193	113.193
6825.000	12.6	1654.27	*		113.192	113.192	6826.000	12.6	1654.48	*		113.191	113.191
6827.000	12.6	1654.69	*		113.191	113.191	6828.000	12.6	1654.90	*		113.190	113.190
6829.000	12.6	1655.11	*		113.189	113.189	6830.000	12.6	1655.32	*		113.188	113.188
6831.000	12.6	1655.53	*		113.188	113.188	6832.000	12.6	1655.74	*		113.187	113.187
6833.000	12.6	1655.95	*		113.186	113.186	6834.000	12.6	1656.16	*		113.185	113.185

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
6835.000	12.6	1656.37	*		113.185	113.185	6836.000	12.6	1656.58	*		113.184	113.184
6837.000	12.6	1656.79	*		113.183	113.183	6838.000	12.6	1657.00	*		113.182	113.182
6839.000	12.6	1657.21	*		113.182	113.182	6840.000	12.6	1657.42	*		113.181	113.181
6841.000	12.6	1657.63	*		113.180	113.180	6842.000	12.6	1657.84	*		113.179	113.179
6843.000	12.6	1658.05	*		113.179	113.179	6844.000	12.6	1658.27	*		113.178	113.178
6845.000	12.6	1658.48	*		113.177	113.177	6846.000	12.6	1658.69	*		113.176	113.176
6847.000	12.6	1658.90	*		113.176	113.176	6848.000	12.6	1659.11	*		113.175	113.175
6849.000	12.6	1659.32	*		113.174	113.174	6850.000	12.6	1659.53	*		113.174	113.174
6851.000	12.6	1659.74	*		113.173	113.173	6852.000	12.6	1659.95	*		113.172	113.172
6853.000	12.6	1660.16	*		113.171	113.171	6854.000	12.6	1660.37	*		113.171	113.171
6855.000	12.6	1660.58	*		113.170	113.170	6856.000	12.6	1660.79	*		113.169	113.169
6857.000	12.6	1661.00	*		113.168	113.168	6858.000	12.6	1661.21	*		113.168	113.168
6859.000	12.6	1661.42	*		113.167	113.167	6860.000	12.6	1661.63	*		113.166	113.166
6861.000	12.6	1661.84	*		113.165	113.165	6862.000	12.6	1662.05	*		113.165	113.165
6863.000	12.6	1662.26	*		113.164	113.164	6864.000	12.6	1662.47	*		113.163	113.163
6865.000	12.6	1662.68	*		113.162	113.162	6866.000	12.6	1662.89	*		113.162	113.162
6867.000	12.6	1663.10	*		113.161	113.161	6868.000	12.6	1663.31	*		113.160	113.160
6869.000	12.6	1663.52	*		113.159	113.159	6870.000	12.6	1663.73	*		113.159	113.159
6871.000	12.6	1663.94	*		113.158	113.158	6872.000	12.6	1664.15	*		113.157	113.157
6873.000	12.6	1664.36	*		113.156	113.156	6874.000	12.6	1664.57	*		113.156	113.156
6875.000	12.6	1664.78	*		113.155	113.155	6876.000	12.6	1664.99	*		113.154	113.154
6877.000	12.6	1665.20	*		113.153	113.153	6878.000	12.6	1665.41	*		113.153	113.153
6879.000	12.6	1665.62	*		113.152	113.152	6880.000	12.6	1665.84	*		113.151	113.151
6881.000	12.6	1666.05	*		113.150	113.150	6882.000	12.6	1666.26	*		113.150	113.150
6883.000	12.6	1666.47	*		113.149	113.149	6884.000	12.6	1666.68	*		113.148	113.148
6885.000	12.6	1666.89	*		113.147	113.147	6886.000	12.6	1667.10	*		113.147	113.147
6887.000	12.6	1667.31	*		113.146	113.146	6888.000	12.6	1667.52	*		113.145	113.145
6889.000	12.6	1667.73	*		113.144	113.144	6890.000	12.6	1667.94	*		113.144	113.144
6891.000	12.6	1668.15	*		113.143	113.143	6892.000	12.6	1668.36	*		113.142	113.142
6893.000	12.6	1668.57	*		113.141	113.141	6894.000	12.6	1668.78	*		113.141	113.141
6895.000	12.6	1668.99	*		113.140	113.140	6896.000	12.6	1669.20	*		113.139	113.139
6897.000	12.6	1669.41	*		113.138	113.138	6898.000	12.6	1669.62	*		113.138	113.138
6899.000	12.6	1669.83	*		113.137	113.137	6900.000	12.6	1670.04	*		113.136	113.136
6901.000	12.6	1670.25	*		113.135	113.135	6902.000	12.6	1670.46	*		113.135	113.135
6903.000	12.6	1670.67	*		113.134	113.134	6904.000	12.6	1670.88	*		113.133	113.133
6905.000	12.6	1671.09	*		113.132	113.132	6906.000	12.6	1671.30	*		113.132	113.132

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
6907.000	12.6	1671.51	* 113.131	* 113.131	6908.000	12.6	1671.72	* 113.130	* 113.130
6909.000	12.6	1671.93	* 113.129	* 113.129	6910.000	12.6	1672.14	* 113.129	* 113.129
6911.000	12.6	1672.35	* 113.128	* 113.128	6912.000	12.6	1672.56	* 113.127	* 113.127
6913.000	12.6	1672.77	* 113.126	* 113.126	6914.000	12.6	1672.98	* 113.126	* 113.126
6915.000	12.6	1673.20	* 113.125	* 113.125	6916.000	12.6	1673.41	* 113.124	* 113.124
6917.000	12.6	1673.62	* 113.123	* 113.123	6918.000	12.6	1673.83	* 113.122	* 113.122
6919.000	12.6	1674.04	* 113.122	* 113.122	6920.000	12.6	1674.25	* 113.121	* 113.121
6921.000	12.6	1674.46	* 113.120	* 113.120	6922.000	12.6	1674.67	* 113.119	* 113.119
6923.000	12.6	1674.88	* 113.119	* 113.119	6924.000	12.6	1675.09	* 113.118	* 113.118
6925.000	12.6	1675.30	* 113.117	* 113.117	6926.000	12.6	1675.51	* 113.116	* 113.116
6927.000	12.6	1675.72	* 113.116	* 113.116	6928.000	12.6	1675.93	* 113.115	* 113.115
6929.000	12.6	1676.14	* 113.114	* 113.114	6930.000	12.6	1676.35	* 113.113	* 113.113
6931.000	12.6	1676.56	* 113.113	* 113.113	6932.000	12.6	1676.77	* 113.112	* 113.112
6933.000	12.6	1676.98	* 113.111	* 113.111	6934.000	12.6	1677.19	* 113.110	* 113.110
6935.000	12.6	1677.40	* 113.110	* 113.110	6936.000	12.6	1677.61	* 113.109	* 113.109
6937.000	12.6	1677.82	* 113.108	* 113.108	6938.000	12.6	1678.03	* 113.107	* 113.107
6939.000	12.6	1678.24	* 113.106	* 113.106	6940.000	12.6	1678.45	* 113.106	* 113.106
6941.000	12.6	1678.66	* 113.105	* 113.105	6942.000	12.6	1678.87	* 113.104	* 113.104
6943.000	12.6	1679.08	* 113.100	* 113.100	6944.000	12.6	1679.29	* 113.100	* 113.100
6945.000	12.6	1679.50	* 113.100	* 113.100	6946.000	12.6	1679.71	* 113.100	* 113.100
6947.000	12.6	1679.92	* 113.100	* 113.100	6948.000	12.6	1680.13	* 113.100	* 113.100
6949.000	12.6	1680.34	* 113.100	* 113.100	6950.000	12.6	1680.55	* 113.100	* 113.100
6951.000	12.6	1680.77	* 113.100	* 113.100	6952.000	12.6	1680.98	* 113.096	* 113.096
6953.000	12.6	1681.19	* 113.096	* 113.096	6954.000	12.6	1681.40	* 113.095	* 113.095
6955.000	12.6	1681.61	* 113.094	* 113.094	6956.000	12.6	1681.82	* 113.093	* 113.093
6957.000	12.6	1682.03	* 113.093	* 113.093	6958.000	12.6	1682.24	* 113.092	* 113.092
6959.000	12.6	1682.45	* 113.091	* 113.091	6960.000	12.6	1682.66	* 113.090	* 113.090
6961.000	12.6	1682.87	* 113.090	* 113.090	6962.000	12.6	1683.08	* 113.089	* 113.089
6963.000	12.6	1683.29	* 113.088	* 113.088	6964.000	12.6	1683.50	* 113.087	* 113.087
6965.000	12.6	1683.71	* 113.086	* 113.086	6966.000	12.6	1683.92	* 113.086	* 113.086
6967.000	12.6	1684.13	* 113.085	* 113.085	6968.000	12.6	1684.34	* 113.084	* 113.084
6969.000	12.6	1684.55	* 113.083	* 113.083	6970.000	12.6	1684.76	* 113.083	* 113.083
6971.000	12.6	1684.97	* 113.082	* 113.082	6972.000	12.6	1685.18	* 113.081	* 113.081
6973.000	12.6	1685.39	* 113.080	* 113.080	6974.000	12.6	1685.60	* 113.079	* 113.079
6975.000	12.6	1685.81	* 113.079	* 113.079	6976.000	12.6	1686.02	* 113.078	* 113.078
6977.000	12.6	1686.23	* 113.077	* 113.077	6978.000	12.6	1686.44	* 113.076	* 113.076

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge Capacity		Voltage (V)		Time	Discharge Capacity		Voltage (V)	
	Current (Amp)	(Amp-Hour)	V-	V+		Current (Amp)	(Amp-Hour)	V-	V+
6979.000	12.6	1686.65	* 113.076	* 113.076	6980.000	12.6	1686.86	* 113.075	* 113.075
6981.000	12.6	1687.07	* 113.074	* 113.074	6982.000	12.6	1687.28	* 113.073	* 113.073
6983.000	12.6	1687.49	* 113.072	* 113.072	6984.000	12.6	1687.70	* 113.072	* 113.072
6985.000	12.6	1687.91	* 113.071	* 113.071	6986.000	12.6	1688.13	* 113.070	* 113.070
6987.000	12.6	1688.34	* 113.069	* 113.069	6988.000	12.6	1688.55	* 113.069	* 113.069
6989.000	12.6	1688.76	* 113.068	* 113.068	6990.000	12.6	1688.97	* 113.067	* 113.067
6991.000	12.6	1689.18	* 113.066	* 113.066	6992.000	12.6	1689.39	* 113.065	* 113.065
6993.000	12.6	1689.60	* 113.065	* 113.065	6994.000	12.6	1689.81	* 113.064	* 113.064
6995.000	12.6	1690.02	* 113.063	* 113.063	6996.000	12.6	1690.23	* 113.062	* 113.062
6997.000	12.6	1690.44	* 113.062	* 113.062	6998.000	12.6	1690.65	* 113.061	* 113.061
6999.000	12.6	1690.86	* 113.060	* 113.060	7000.000	12.6	1691.07	* 113.059	* 113.059
7001.000	12.6	1691.28	* 113.058	* 113.058	7002.000	12.6	1691.49	* 113.058	* 113.058
7003.000	12.6	1691.70	* 113.057	* 113.057	7004.000	12.6	1691.91	* 113.056	* 113.056
7005.000	12.6	1692.12	* 113.055	* 113.055	7006.000	12.6	1692.33	* 113.055	* 113.055
7007.000	12.6	1692.54	* 113.054	* 113.054	7008.000	12.6	1692.75	* 113.053	* 113.053
7009.000	12.6	1692.96	* 113.052	* 113.052	7010.000	12.6	1693.17	* 113.051	* 113.051
7011.000	12.6	1693.38	* 113.051	* 113.051	7012.000	12.6	1693.59	* 113.050	* 113.050
7013.000	12.6	1693.80	* 113.049	* 113.049	7014.000	12.6	1694.01	* 113.048	* 113.048
7015.000	12.6	1694.22	* 113.047	* 113.047	7016.000	12.6	1694.43	* 113.047	* 113.047
7017.000	12.6	1694.64	* 113.046	* 113.046	7018.000	12.6	1694.85	* 113.045	* 113.045
7019.000	12.6	1695.06	* 113.044	* 113.044	7020.000	12.6	1695.27	* 113.044	* 113.044
7021.000	12.6	1695.49	* 113.043	* 113.043	7022.000	12.6	1695.70	* 113.042	* 113.042
7023.000	12.6	1695.91	* 113.041	* 113.041	7024.000	12.6	1696.12	* 113.040	* 113.040
7025.000	12.6	1696.33	* 113.040	* 113.040	7026.000	12.6	1696.54	* 113.039	* 113.039
7027.000	12.6	1696.75	* 113.038	* 113.038	7028.000	12.6	1696.96	* 113.037	* 113.037
7029.000	12.6	1697.17	* 113.036	* 113.036	7030.000	12.6	1697.38	* 113.036	* 113.036
7031.000	12.6	1697.59	* 113.035	* 113.035	7032.000	12.6	1697.80	* 113.034	* 113.034
7033.000	12.6	1698.01	* 113.033	* 113.033	7034.000	12.6	1698.22	* 113.032	* 113.032
7035.000	12.6	1698.43	* 113.032	* 113.032	7036.000	12.6	1698.64	* 113.031	* 113.031
7037.000	12.6	1698.85	* 113.030	* 113.030	7038.000	12.6	1699.06	* 113.029	* 113.029
7039.000	12.6	1699.27	* 113.028	* 113.028	7040.000	12.6	1699.48	* 113.028	* 113.028
7041.000	12.6	1699.69	* 113.027	* 113.027	7042.000	12.6	1699.90	* 113.026	* 113.026
7043.000	12.6	1700.11	* 113.025	* 113.025	7044.000	12.6	1700.32	* 113.024	* 113.024
7045.000	12.6	1700.53	* 113.024	* 113.024	7046.000	12.6	1700.74	* 113.023	* 113.023
7047.000	12.6	1700.95	* 113.022	* 113.022	7048.000	12.6	1701.16	* 113.021	* 113.021
7049.000	12.6	1701.37	* 113.021	* 113.021	7050.000	12.6	1701.58	* 113.020	* 113.020

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Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
7051.000	12.6	1701.79	* 113.019	* 113.019	7052.000	12.6	1702.00	* 113.018	* 113.018
7053.000	12.6	1702.21	* 113.017	* 113.017	7054.000	12.6	1702.42	* 113.017	* 113.017
7055.000	12.6	1702.63	* 113.016	* 113.016	7056.000	12.6	1702.84	* 113.015	* 113.015
7057.000	12.6	1703.06	* 113.014	* 113.014	7058.000	12.6	1703.27	* 113.013	* 113.013
7059.000	12.6	1703.48	* 113.013	* 113.013	7060.000	12.6	1703.69	* 113.012	* 113.012
7061.000	12.6	1703.90	* 113.011	* 113.011	7062.000	12.6	1704.11	* 113.010	* 113.010
7063.000	12.6	1704.32	* 113.009	* 113.009	7064.000	12.6	1704.53	* 113.009	* 113.009
7065.000	12.6	1704.74	* 113.008	* 113.008	7066.000	12.6	1704.95	* 113.007	* 113.007
7067.000	12.6	1705.16	* 113.006	* 113.006	7068.000	12.6	1705.37	* 113.005	* 113.005
7069.000	12.6	1705.58	* 113.005	* 113.005	7070.000	12.6	1705.79	* 113.004	* 113.004
7071.000	12.6	1706.00	* 113.003	* 113.003	7072.000	12.6	1706.21	* 113.002	* 113.002
7073.000	12.6	1706.42	* 113.001	* 113.001	7074.000	12.6	1706.63	* 113.000	* 113.000
7075.000	12.6	1706.84	* 113.000	* 113.000	7076.000	12.6	1707.05	* 112.999	* 112.999
7077.000	12.6	1707.26	* 112.998	* 112.998	7078.000	12.6	1707.47	* 112.997	* 112.997
7079.000	12.6	1707.68	* 112.996	* 112.996	7080.000	12.6	1707.89	* 112.996	* 112.996
7081.000	12.6	1708.10	* 112.995	* 112.995	7082.000	12.6	1708.31	* 112.994	* 112.994
7083.000	12.6	1708.52	* 112.993	* 112.993	7084.000	12.6	1708.73	* 112.992	* 112.992
7085.000	12.6	1708.94	* 112.992	* 112.992	7086.000	12.6	1709.15	* 112.991	* 112.991
7087.000	12.6	1709.36	* 112.990	* 112.990	7088.000	12.6	1709.57	* 112.989	* 112.989
7089.000	12.6	1709.78	* 112.988	* 112.988	7090.000	12.6	1709.99	* 112.988	* 112.988
7091.000	12.6	1710.20	* 112.987	* 112.987	7092.000	12.6	1710.42	* 112.986	* 112.986
7093.000	12.6	1710.63	* 112.985	* 112.985	7094.000	12.6	1710.84	* 112.984	* 112.984
7095.000	12.6	1711.05	* 112.984	* 112.984	7096.000	12.6	1711.26	* 112.983	* 112.983
7097.000	12.6	1711.47	* 112.982	* 112.982	7098.000	12.6	1711.68	* 112.981	* 112.981
7099.000	12.6	1711.89	* 112.980	* 112.980	7100.000	12.6	1712.10	* 112.979	* 112.979
7101.000	12.6	1712.31	* 112.979	* 112.979	7102.000	12.6	1712.52	* 112.978	* 112.978
7103.000	12.6	1712.73	* 112.977	* 112.977	7104.000	12.6	1712.94	* 112.976	* 112.976
7105.000	12.6	1713.15	* 112.975	* 112.975	7106.000	12.6	1713.36	* 112.975	* 112.975
7107.000	12.6	1713.57	* 112.974	* 112.974	7108.000	12.6	1713.78	* 112.973	* 112.973
7109.000	12.6	1713.99	* 112.972	* 112.972	7110.000	12.6	1714.20	* 112.971	* 112.971
7111.000	12.6	1714.41	* 112.970	* 112.970	7112.000	12.6	1714.62	* 112.970	* 112.970
7113.000	12.6	1714.83	* 112.969	* 112.969	7114.000	12.6	1715.04	* 112.968	* 112.968
7115.000	12.6	1715.25	* 112.967	* 112.967	7116.000	12.6	1715.46	* 112.966	* 112.966
7117.000	12.6	1715.67	* 112.966	* 112.966	7118.000	12.6	1715.88	* 112.965	* 112.965
7119.000	12.6	1716.09	* 112.964	* 112.964	7120.000	12.6	1716.30	* 112.963	* 112.963
7121.000	12.6	1716.51	* 112.962	* 112.962	7122.000	12.6	1716.72	* 112.961	* 112.961

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
7123.000	12.6	1716.93	* 112.961	* 112.961	7124.000	12.6	1717.14	* 112.960	* 112.960
7125.000	12.6	1717.35	* 112.959	* 112.959	7126.000	12.6	1717.56	* 112.958	* 112.958
7127.000	12.6	1717.78	* 112.957	* 112.957	7128.000	12.6	1717.99	* 112.957	* 112.957
7129.000	12.6	1718.20	* 112.956	* 112.956	7130.000	12.6	1718.41	* 112.955	* 112.955
7131.000	12.6	1718.62	* 112.954	* 112.954	7132.000	12.6	1718.83	* 112.953	* 112.953
7133.000	12.6	1719.04	* 112.952	* 112.952	7134.000	12.6	1719.25	* 112.952	* 112.952
7135.000	12.6	1719.46	* 112.951	* 112.951	7136.000	12.6	1719.67	* 112.950	* 112.950
7137.000	12.6	1719.88	* 112.949	* 112.949	7138.000	12.6	1720.09	* 112.948	* 112.948
7139.000	12.6	1720.30	* 112.948	* 112.948	7140.000	12.6	1720.51	* 112.947	* 112.947
7141.000	12.6	1720.72	* 112.946	* 112.946	7142.000	12.6	1720.93	* 112.945	* 112.945
7143.000	12.6	1721.14	* 112.944	* 112.944	7144.000	12.6	1721.35	* 112.943	* 112.943
7145.000	12.6	1721.56	* 112.943	* 112.943	7146.000	12.6	1721.77	* 112.942	* 112.942
7147.000	12.6	1721.98	* 112.941	* 112.941	7148.000	12.6	1722.19	* 112.940	* 112.940
7149.000	12.6	1722.40	* 112.939	* 112.939	7150.000	12.6	1722.61	* 112.938	* 112.938
7151.000	12.6	1722.82	* 112.938	* 112.938	7152.000	12.6	1723.03	* 112.937	* 112.937
7153.000	12.6	1723.24	* 112.936	* 112.936	7154.000	12.6	1723.45	* 112.935	* 112.935
7155.000	12.6	1723.66	* 112.934	* 112.934	7156.000	12.6	1723.87	* 112.933	* 112.933
7157.000	12.6	1724.08	* 112.933	* 112.933	7158.000	12.6	1724.29	* 112.932	* 112.932
7159.000	12.6	1724.50	* 112.931	* 112.931	7160.000	12.6	1724.71	* 112.930	* 112.930
7161.000	12.6	1724.92	* 112.929	* 112.929	7162.000	12.6	1725.14	* 112.928	* 112.928
7163.000	12.6	1725.35	* 112.928	* 112.928	7164.000	12.6	1725.56	* 112.927	* 112.927
7165.000	12.6	1725.77	* 112.926	* 112.926	7166.000	12.6	1725.98	* 112.925	* 112.925
7167.000	12.6	1726.19	* 112.924	* 112.924	7168.000	12.6	1726.40	* 112.923	* 112.923
7169.000	12.6	1726.61	* 112.923	* 112.923	7170.000	12.6	1726.82	* 112.922	* 112.922
7171.000	12.6	1727.03	* 112.921	* 112.921	7172.000	12.6	1727.24	* 112.920	* 112.920
7173.000	12.6	1727.45	* 112.919	* 112.919	7174.000	12.6	1727.66	* 112.918	* 112.918
7175.000	12.6	1727.87	* 112.918	* 112.918	7176.000	12.6	1728.08	* 112.917	* 112.917
7177.000	12.6	1728.29	* 112.916	* 112.916	7178.000	12.6	1728.50	* 112.915	* 112.915
7179.000	12.6	1728.71	* 112.914	* 112.914	7180.000	12.6	1728.92	* 112.913	* 112.913
7181.000	12.6	1729.13	* 112.913	* 112.913	7182.000	12.6	1729.34	* 112.912	* 112.912
7183.000	12.6	1729.55	* 112.911	* 112.911	7184.000	12.6	1729.76	* 112.910	* 112.910
7185.000	12.6	1729.97	* 112.909	* 112.909	7186.000	12.6	1730.18	* 112.908	* 112.908
7187.000	12.6	1730.39	* 112.908	* 112.908	7188.000	12.6	1730.60	* 112.907	* 112.907
7189.000	12.6	1730.81	* 112.906	* 112.906	7190.000	12.6	1731.02	* 112.905	* 112.905
7191.000	12.6	1731.23	* 112.904	* 112.904	7192.000	12.6	1731.44	* 112.903	* 112.903
7193.000	12.6	1731.65	* 112.903	* 112.903	7194.000	12.6	1731.86	* 112.902	* 112.902

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-    V+			(Amp)	(Amp-Hour)			V-    V+	
7195.000	12.6	1732.07	*	112.901	* 112.901		7196.000	12.6	1732.28	*	112.900	* 112.900	
7197.000	12.6	1732.50	*	112.899	* 112.899		7198.000	12.6	1732.71	*	112.898	* 112.898	
7199.000	12.6	1732.92	*	112.897	* 112.897		7200.000	12.6	1733.13	*	112.897	* 112.897	
7201.000	12.6	1733.34	*	112.896	* 112.896		7202.000	12.6	1733.55	*	112.895	* 112.895	
7203.000	12.6	1733.76	*	112.894	* 112.894		7204.000	12.6	1733.97	*	112.893	* 112.893	
7205.000	12.6	1734.18	*	112.892	* 112.892		7206.000	12.6	1734.39	*	112.892	* 112.892	
7207.000	12.6	1734.60	*	112.891	* 112.891		7208.000	12.6	1734.81	*	112.890	* 112.890	
7209.000	12.6	1735.02	*	112.889	* 112.889		7210.000	12.6	1735.23	*	112.888	* 112.888	
7211.000	12.6	1735.44	*	112.887	* 112.887		7212.000	12.6	1735.65	*	112.886	* 112.886	
7213.000	12.6	1735.86	*	112.886	* 112.886		7214.000	12.6	1736.07	*	112.885	* 112.885	
7215.000	12.6	1736.28	*	112.884	* 112.884		7216.000	12.6	1736.49	*	112.883	* 112.883	
7217.000	12.6	1736.70	*	112.882	* 112.882		7218.000	12.6	1736.91	*	112.881	* 112.881	
7219.000	12.6	1737.12	*	112.881	* 112.881		7220.000	12.6	1737.33	*	112.880	* 112.880	
7221.000	12.6	1737.54	*	112.879	* 112.879		7222.000	12.6	1737.75	*	112.878	* 112.878	
7223.000	12.6	1737.96	*	112.877	* 112.877		7224.000	12.6	1738.17	*	112.876	* 112.876	
7225.000	12.6	1738.38	*	112.875	* 112.875		7226.000	12.6	1738.59	*	112.875	* 112.875	
7227.000	12.6	1738.80	*	112.874	* 112.874		7228.000	12.6	1739.01	*	112.873	* 112.873	
7229.000	12.6	1739.22	*	112.872	* 112.872		7230.000	12.6	1739.43	*	112.871	* 112.871	
7231.000	12.6	1739.64	*	112.870	* 112.870		7232.000	12.6	1739.85	*	112.869	* 112.869	
7233.000	12.6	1740.07	*	112.869	* 112.869		7234.000	12.6	1740.28	*	112.868	* 112.868	
7235.000	12.6	1740.49	*	112.867	* 112.867		7236.000	12.6	1740.70	*	112.866	* 112.866	
7237.000	12.6	1740.91	*	112.865	* 112.865		7238.000	12.6	1741.12	*	112.864	* 112.864	
7239.000	12.6	1741.33	*	112.863	* 112.863		7240.000	12.6	1741.54	*	112.863	* 112.863	
7241.000	12.6	1741.75	*	112.862	* 112.862		7242.000	12.6	1741.96	*	112.861	* 112.861	
7243.000	12.6	1742.17	*	112.860	* 112.860		7244.000	12.6	1742.38	*	112.859	* 112.859	
7245.000	12.6	1742.59	*	112.858	* 112.858		7246.000	12.6	1742.80	*	112.857	* 112.857	
7247.000	12.6	1743.01	*	112.857	* 112.857		7248.000	12.6	1743.22	*	112.856	* 112.856	
7249.000	12.6	1743.43	*	112.855	* 112.855		7250.000	12.6	1743.64	*	112.854	* 112.854	
7251.000	12.6	1743.85	*	112.853	* 112.853		7252.000	12.6	1744.06	*	112.852	* 112.852	
7253.000	12.6	1744.27	*	112.851	* 112.851		7254.000	12.6	1744.48	*	112.851	* 112.851	
7255.000	12.6	1744.69	*	112.850	* 112.850		7256.000	12.6	1744.90	*	112.849	* 112.849	
7257.000	12.6	1745.11	*	112.848	* 112.848		7258.000	12.6	1745.32	*	112.847	* 112.847	
7259.000	12.6	1745.53	*	112.846	* 112.846		7260.000	12.6	1745.74	*	112.845	* 112.845	
7261.000	12.6	1745.95	*	112.845	* 112.845		7262.000	12.6	1746.16	*	112.844	* 112.844	
7263.000	12.6	1746.37	*	112.843	* 112.843		7264.000	12.6	1746.58	*	112.842	* 112.842	
7265.000	12.6	1746.79	*	112.841	* 112.841		7266.000	12.6	1747.00	*	112.840	* 112.840	

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
7267.000	12.6	1747.21	* 112.839	* 112.839	7268.000	12.6	1747.43	* 112.838	* 112.838
7269.000	12.6	1747.64	* 112.838	* 112.838	7270.000	12.6	1747.85	* 112.837	* 112.837
7271.000	12.6	1748.06	* 112.836	* 112.836	7272.000	12.6	1748.27	* 112.835	* 112.835
7273.000	12.6	1748.48	* 112.834	* 112.834	7274.000	12.6	1748.69	* 112.833	* 112.833
7275.000	12.6	1748.90	* 112.832	* 112.832	7276.000	12.6	1749.11	* 112.832	* 112.832
7277.000	12.6	1749.32	* 112.831	* 112.831	7278.000	12.6	1749.53	* 112.830	* 112.830
7279.000	12.6	1749.74	* 112.829	* 112.829	7280.000	12.6	1749.95	* 112.828	* 112.828
7281.000	12.6	1750.16	* 112.827	* 112.827	7282.000	12.6	1750.37	* 112.826	* 112.826
7283.000	12.6	1750.58	* 112.825	* 112.825	7284.000	12.6	1750.79	* 112.825	* 112.825
7285.000	12.6	1751.00	* 112.824	* 112.824	7286.000	12.6	1751.21	* 112.823	* 112.823
7287.000	12.6	1751.42	* 112.822	* 112.822	7288.000	12.6	1751.63	* 112.821	* 112.821
7289.000	12.6	1751.84	* 112.820	* 112.820	7290.000	12.6	1752.05	* 112.819	* 112.819
7291.000	12.6	1752.26	* 112.818	* 112.818	7292.000	12.6	1752.47	* 112.817	* 112.817
7293.000	12.6	1752.68	* 112.816	* 112.816	7294.000	12.6	1752.89	* 112.816	* 112.816
7295.000	12.6	1753.10	* 112.815	* 112.815	7296.000	12.6	1753.31	* 112.814	* 112.814
7297.000	12.6	1753.52	* 112.813	* 112.813	7298.000	12.6	1753.73	* 112.812	* 112.812
7299.000	12.6	1753.94	* 112.811	* 112.811	7300.000	12.6	1754.15	* 112.810	* 112.810
7301.000	12.6	1754.36	* 112.809	* 112.809	7302.000	12.6	1754.57	* 112.808	* 112.808
7303.000	12.6	1754.79	* 112.807	* 112.807	7304.000	12.6	1755.00	* 112.807	* 112.807
7305.000	12.6	1755.21	* 112.806	* 112.806	7306.000	12.6	1755.42	* 112.805	* 112.805
7307.000	12.6	1755.63	* 112.804	* 112.804	7308.000	12.6	1755.84	* 112.803	* 112.803
7309.000	12.6	1756.05	* 112.802	* 112.802	7310.000	12.6	1756.26	* 112.801	* 112.801
7311.000	12.6	1756.47	* 112.800	* 112.800	7312.000	12.6	1756.68	* 112.799	* 112.799
7313.000	12.6	1756.89	* 112.798	* 112.798	7314.000	12.6	1757.10	* 112.797	* 112.797
7315.000	12.6	1757.31	* 112.797	* 112.797	7316.000	12.6	1757.52	* 112.796	* 112.796
7317.000	12.6	1757.73	* 112.795	* 112.795	7318.000	12.6	1757.94	* 112.794	* 112.794
7319.000	12.6	1758.15	* 112.793	* 112.793	7320.000	12.6	1758.36	* 112.792	* 112.792
7321.000	12.6	1758.57	* 112.791	* 112.791	7322.000	12.6	1758.78	* 112.790	* 112.790
7323.000	12.6	1758.99	* 112.789	* 112.789	7324.000	12.6	1759.20	* 112.788	* 112.788
7325.000	12.6	1759.41	* 112.787	* 112.787	7326.000	12.6	1759.62	* 112.786	* 112.786
7327.000	12.6	1759.83	* 112.786	* 112.786	7328.000	12.6	1760.04	* 112.785	* 112.785
7329.000	12.6	1760.25	* 112.784	* 112.784	7330.000	12.6	1760.46	* 112.783	* 112.783
7331.000	12.6	1760.67	* 112.782	* 112.782	7332.000	12.6	1760.88	* 112.781	* 112.781
7333.000	12.6	1761.09	* 112.780	* 112.780	7334.000	12.6	1761.30	* 112.779	* 112.779
7335.000	12.6	1761.51	* 112.778	* 112.778	7336.000	12.6	1761.72	* 112.777	* 112.777
7337.000	12.6	1761.93	* 112.776	* 112.776	7338.000	12.6	1762.14	* 112.775	* 112.775

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## DIV I Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
7339.000	12.6	1762.36	* 112.775	* 112.775	7340.000	12.6	1762.57 <sup>1</sup>	* 112.774	* 112.774
7341.000	12.6	1762.78	* 112.773	* 112.773	7342.000	12.6	1762.99	* 112.772	* 112.772
7343.000	12.6	1763.20	* 112.771	* 112.771	7344.000	12.6	1763.41	* 112.770	* 112.770
7345.000	12.6	1763.62	* 112.769	* 112.769	7346.000	12.6	1763.83	* 112.768	* 112.768
7347.000	12.6	1764.04	* 112.767	* 112.767	7348.000	12.6	1764.25	* 112.766	* 112.766
7349.000	12.6	1764.46	* 112.765	* 112.765	7350.000	12.6	1764.67	* 112.764	* 112.764
7351.000	12.6	1764.88	* 112.763	* 112.763	7352.000	12.6	1765.09	* 112.762	* 112.762
7353.000	12.6	1765.30	* 112.762	* 112.762	7354.000	12.6	1765.51	* 112.761	* 112.761
7355.000	12.6	1765.72	* 112.760	* 112.760	7356.000	12.6	1765.93	* 112.759	* 112.759
7357.000	12.6	1766.14	* 112.758	* 112.758	7358.000	12.6	1766.35	* 112.757	* 112.757
7359.000	12.6	1766.56	* 112.756	* 112.756	7360.000	12.6	1766.77	* 112.755	* 112.755
7361.000	12.6	1766.98	* 112.754	* 112.754	7362.000	12.6	1767.19	* 112.753	* 112.753
7363.000	12.6	1767.40	* 112.752	* 112.752	7364.000	12.6	1767.61	* 112.751	* 112.751
7365.000	12.6	1767.82	* 112.750	* 112.750	7366.000	12.6	1768.03	* 112.749	* 112.749
7367.000	12.6	1768.24	* 112.748	* 112.748	7368.000	12.6	1768.45	* 112.747	* 112.747
7369.000	12.6	1768.66	* 112.747	* 112.747	7370.000	12.6	1768.87	* 112.746	* 112.746
7371.000	12.6	1769.08	* 112.745	* 112.745	7372.000	12.6	1769.29	* 112.744	* 112.744
7373.000	12.6	1769.50	* 112.743	* 112.743	7374.000	12.6	1769.72	* 112.742	* 112.742
7375.000	12.6	1769.93	* 112.741	* 112.741	7376.000	12.6	1770.14	* 112.740	* 112.740
7377.000	12.6	1770.35	* 112.739	* 112.739	7378.000	12.6	1770.56	* 112.738	* 112.738
7379.000	12.6	1770.77	* 112.737	* 112.737	7380.000	12.6	1770.98	* 112.736	* 112.736
7381.000	12.6	1771.19	* 112.735	* 112.735	7382.000	12.6	1771.40	* 112.734	* 112.734
7383.000	12.6	1771.61	* 112.733	* 112.733	7384.000	12.6	1771.82	* 112.732	* 112.732
7385.000	12.6	1772.03	* 112.731	* 112.731	7386.000	12.6	1772.24	* 112.730	* 112.730
7387.000	12.6	1772.45	* 112.730	* 112.730	7388.000	12.6	1772.66	* 112.729	* 112.729
7389.000	12.6	1772.87	* 112.728	* 112.728	7390.000	12.6	1773.08	* 112.727	* 112.727
7391.000	12.6	1773.29	* 112.726	* 112.726	7392.000	12.6	1773.50	* 112.725	* 112.725
7393.000	12.6	1773.71	* 112.724	* 112.724	7394.000	12.6	1773.92	* 112.723	* 112.723
7395.000	12.6	1774.13	* 112.722	* 112.722	7396.000	12.6	1774.34	* 112.721	* 112.721
7397.000	12.6	1774.55	* 112.720	* 112.720	7398.000	12.6	1774.76	* 112.719	* 112.719
7399.000	12.6	1774.97	* 112.718	* 112.718	7400.000	12.6	1775.18	* 112.717	* 112.717
7401.000	12.6	1775.39	* 112.716	* 112.716	7402.000	12.6	1775.60	* 112.715	* 112.715
7403.000	12.6	1775.81	* 112.714	* 112.714	7404.000	12.6	1776.02	* 112.713	* 112.713
7405.000	12.6	1776.23	* 112.712	* 112.712	7406.000	12.6	1776.44	* 112.711	* 112.711
7407.000	12.6	1776.65	* 112.710	* 112.710	7408.000	12.6	1776.86	* 112.709	* 112.709
7409.000	12.6	1777.08	* 112.708	* 112.708	7410.000	12.6	1777.29	* 112.708	* 112.708

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
7411.000	12.6	1777.50	*	112.707	* 112.707		7412.000	12.6	1777.71	*	112.706	* 112.706	
7413.000	12.6	1777.92	*	112.705	* 112.705		7414.000	12.6	1778.13	*	112.704	* 112.704	
7415.000	12.6	1778.34	*	112.703	* 112.703		7416.000	12.6	1778.55	*	112.702	* 112.702	
7417.000	12.6	1778.76	*	112.701	* 112.701		7418.000	12.6	1778.97	*	112.700	* 112.700	
7419.000	12.6	1779.18	*	112.699	* 112.699		7420.000	12.6	1779.39	*	112.698	* 112.698	
7421.000	12.6	1779.60	*	112.697	* 112.697		7422.000	12.6	1779.81	*	112.696	* 112.696	
7423.000	12.6	1780.02	*	112.695	* 112.695		7424.000	12.6	1780.23	*	112.694	* 112.694	
7425.000	12.6	1780.44	*	112.693	* 112.693		7426.000	12.6	1780.65	*	112.692	* 112.692	
7427.000	12.6	1780.86	*	112.691	* 112.691		7428.000	12.6	1781.07	*	112.690	* 112.690	
7429.000	12.6	1781.28	*	112.689	* 112.689		7430.000	12.6	1781.49	*	112.688	* 112.688	
7431.000	12.6	1781.70	*	112.687	* 112.687		7432.000	12.6	1781.91	*	112.686	* 112.686	
7433.000	12.6	1782.12	*	112.685	* 112.685		7434.000	12.6	1782.33	*	112.684	* 112.684	
7435.000	12.6	1782.54	*	112.683	* 112.683		7436.000	12.6	1782.75	*	112.682	* 112.682	
7437.000	12.6	1782.96	*	112.681	* 112.681		7438.000	12.6	1783.17	*	112.680	* 112.680	
7439.000	12.6	1783.38	*	112.679	* 112.679		7440.000	12.6	1783.59	*	112.678	* 112.678	
7441.000	12.6	1783.80	*	112.677	* 112.677		7442.000	12.6	1784.01	*	112.676	* 112.676	
7443.000	12.6	1784.22	*	112.675	* 112.675		7444.000	12.6	1784.43	*	112.674	* 112.674	
7445.000	12.6	1784.65	*	112.673	* 112.673		7446.000	12.6	1784.86	*	112.672	* 112.672	
7447.000	12.6	1785.07	*	112.671	* 112.671		7448.000	12.6	1785.28	*	112.670	* 112.670	
7449.000	12.6	1785.49	*	112.670	* 112.670		7450.000	12.6	1785.70	*	112.669	* 112.669	
7451.000	12.6	1785.91	*	112.668	* 112.668		7452.000	12.6	1786.12	*	112.667	* 112.667	
7453.000	12.6	1786.33	*	112.666	* 112.666		7454.000	12.6	1786.54	*	112.665	* 112.665	
7455.000	12.6	1786.75	*	112.664	* 112.664		7456.000	12.6	1786.96	*	112.663	* 112.663	
7457.000	12.6	1787.17	*	112.662	* 112.662		7458.000	12.6	1787.38	*	112.661	* 112.661	
7459.000	12.6	1787.59	*	112.660	* 112.660		7460.000	12.6	1787.80	*	112.659	* 112.659	
7461.000	12.6	1788.01	*	112.658	* 112.658		7462.000	12.6	1788.22	*	112.657	* 112.657	
7463.000	12.6	1788.43	*	112.656	* 112.656		7464.000	12.6	1788.64	*	112.655	* 112.655	
7465.000	12.6	1788.85	*	112.654	* 112.654		7466.000	12.6	1789.06	*	112.653	* 112.653	
7467.000	12.6	1789.27	*	112.652	* 112.652		7468.000	12.6	1789.48	*	112.651	* 112.651	
7469.000	12.6	1789.69	*	112.650	* 112.650		7470.000	12.6	1789.90	*	112.649	* 112.649	
7471.000	12.6	1790.11	*	112.648	* 112.648		7472.000	12.6	1790.32	*	112.647	* 112.647	
7473.000	12.6	1790.53	*	112.646	* 112.646		7474.000	12.6	1790.74	*	112.645	* 112.645	
7475.000	12.6	1790.95	*	112.644	* 112.644		7476.000	12.6	1791.16	*	112.643	* 112.643	
7477.000	12.6	1791.37	*	112.642	* 112.642		7478.000	12.6	1791.58	*	112.641	* 112.641	
7479.000	12.6	1791.79	*	112.640	* 112.640		7480.000	12.6	1792.01	*	112.639	* 112.639	
7481.000	12.6	1792.22	*	112.638	* 112.638		7482.000	12.6	1792.43	*	112.637	* 112.637	

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
7483.000	12.6	1792.64	* 112.636	* 112.636	7484.000	12.6	1792.85	* 112.635	* 112.635
7485.000	12.6	1793.06	* 112.634	* 112.634	7486.000	12.6	1793.27	* 112.633	* 112.633
7487.000	12.6	1793.48	* 112.632	* 112.632	7488.000	12.6	1793.69	* 112.631	* 112.631
7489.000	12.6	1793.90	* 112.630	* 112.630	7490.000	12.6	1794.11	* 112.629	* 112.629
7491.000	12.6	1794.32	* 112.628	* 112.628	7492.000	12.6	1794.53	* 112.627	* 112.627
7493.000	12.6	1794.74	* 112.626	* 112.626	7494.000	12.6	1794.95	* 112.625	* 112.625
7495.000	12.6	1795.16	* 112.624	* 112.624	7496.000	12.6	1795.37	* 112.623	* 112.623
7497.000	12.6	1795.58	* 112.622	* 112.622	7498.000	12.6	1795.79	* 112.620	* 112.620
7499.000	12.6	1796.00	* 112.619	* 112.619	7500.000	12.6	1796.21	* 112.618	* 112.618
7501.000	12.6	1796.42	* 112.617	* 112.617	7502.000	12.6	1796.63	* 112.616	* 112.616
7503.000	12.6	1796.84	* 112.615	* 112.615	7504.000	12.6	1797.05	* 112.614	* 112.614
7505.000	12.6	1797.26	* 112.613	* 112.613	7506.000	12.6	1797.47	* 112.612	* 112.612
7507.000	12.6	1797.68	* 112.611	* 112.611	7508.000	12.6	1797.89	* 112.610	* 112.610
7509.000	12.6	1798.10	* 112.609	* 112.609	7510.000	12.6	1798.31	* 112.608	* 112.608
7511.000	12.6	1798.52	* 112.607	* 112.607	7512.000	12.6	1798.73	* 112.606	* 112.606
7513.000	12.6	1798.94	* 112.605	* 112.605	7514.000	12.6	1799.15	* 112.604	* 112.604
7515.000	12.6	1799.37	* 112.603	* 112.603	7516.000	12.6	1799.58	* 112.602	* 112.602
7517.000	12.6	1799.79	* 112.601	* 112.601	7518.000	12.6	1800.00	* 112.600	* 112.600
7519.000	12.6	1800.21	* 112.599	* 112.599	7520.000	12.6	1800.42	* 112.598	* 112.598
7521.000	12.6	1800.63	* 112.597	* 112.597	7522.000	12.6	1800.84	* 112.596	* 112.596
7523.000	12.6	1801.05	* 112.595	* 112.595	7524.000	12.6	1801.26	* 112.594	* 112.594
7525.000	12.6	1801.47	* 112.593	* 112.593	7526.000	12.6	1801.68	* 112.592	* 112.592
7527.000	12.6	1801.89	* 112.591	* 112.591	7528.000	12.6	1802.10	* 112.590	* 112.590
7529.000	12.6	1802.31	* 112.589	* 112.589	7530.000	12.6	1802.52	* 112.588	* 112.588
7531.000	12.6	1802.73	* 112.587	* 112.587	7532.000	12.6	1802.94	* 112.586	* 112.586
7533.000	12.6	1803.15	* 112.585	* 112.585	7534.000	12.6	1803.36	* 112.584	* 112.584
7535.000	12.6	1803.57	* 112.583	* 112.583	7536.000	12.6	1803.78	* 112.581	* 112.581
7537.000	12.6	1803.99	* 112.580	* 112.580	7538.000	12.6	1804.20	* 112.579	* 112.579
7539.000	12.6	1804.41	* 112.578	* 112.578	7540.000	12.6	1804.62	* 112.577	* 112.577
7541.000	12.6	1804.83	* 112.576	* 112.576	7542.000	12.6	1805.04	* 112.575	* 112.575
7543.000	12.6	1805.25	* 112.574	* 112.574	7544.000	12.6	1805.46	* 112.573	* 112.573
7545.000	12.6	1805.67	* 112.572	* 112.572	7546.000	12.6	1805.88	* 112.571	* 112.571
7547.000	12.6	1806.09	* 112.570	* 112.570	7548.000	12.6	1806.30	* 112.569	* 112.569
7549.000	12.6	1806.51	* 112.568	* 112.568	7550.000	12.6	1806.72	* 112.567	* 112.567
7551.000	12.6	1806.94	* 112.566	* 112.566	7552.000	12.6	1807.15	* 112.565	* 112.565
7553.000	12.6	1807.36	* 112.564	* 112.564	7554.000	12.6	1807.57	* 112.563	* 112.563

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
7555.000	12.6	1807.78	*	112.562	* 112.562		7556.000	12.6	1807.99	*	112.561	* 112.561	
7557.000	12.6	1808.20	*	112.560	* 112.560		7558.000	12.6	1808.41	*	112.558	* 112.558	
7559.000	12.6	1808.62	*	112.557	* 112.557		7560.000	12.6	1808.83	*	112.556	* 112.556	
7561.000	12.6	1809.04	*	112.555	* 112.555		7562.000	12.6	1809.25	*	112.554	* 112.554	
7563.000	12.6	1809.46	*	112.553	* 112.553		7564.000	12.6	1809.67	*	112.552	* 112.552	
7565.000	12.6	1809.88	*	112.551	* 112.551		7566.000	12.6	1810.09	*	112.550	* 112.550	
7567.000	12.6	1810.30	*	112.549	* 112.549		7568.000	12.6	1810.51	*	112.548	* 112.548	
7569.000	12.6	1810.72	*	112.547	* 112.547		7570.000	12.6	1810.93	*	112.546	* 112.546	
7571.000	12.6	1811.14	*	112.545	* 112.545		7572.000	12.6	1811.35	*	112.544	* 112.544	
7573.000	12.6	1811.56	*	112.543	* 112.543		7574.000	12.6	1811.77	*	112.542	* 112.542	
7575.000	12.6	1811.98	*	112.540	* 112.540		7576.000	12.6	1812.19	*	112.539	* 112.539	
7577.000	12.6	1812.40	*	112.538	* 112.538		7578.000	12.6	1812.61	*	112.537	* 112.537	
7579.000	12.6	1812.82	*	112.536	* 112.536		7580.000	12.6	1813.03	*	112.535	* 112.535	
7581.000	12.6	1813.24	*	112.534	* 112.534		7582.000	12.6	1813.45	*	112.533	* 112.533	
7583.000	12.6	1813.66	*	112.532	* 112.532		7584.000	12.6	1813.87	*	112.531	* 112.531	
7585.000	12.6	1814.08	*	112.530	* 112.530		7586.000	12.6	1814.30	*	112.529	* 112.529	
7587.000	12.6	1814.51	*	112.528	* 112.528		7588.000	12.6	1814.72	*	112.527	* 112.527	
7589.000	12.6	1814.93	*	112.526	* 112.526		7590.000	12.6	1815.14	*	112.524	* 112.524	
7591.000	12.6	1815.35	*	112.523	* 112.523		7592.000	12.6	1815.56	*	112.522	* 112.522	
7593.000	12.6	1815.77	*	112.521	* 112.521		7594.000	12.6	1815.98	*	112.520	* 112.520	
7595.000	12.6	1816.19	*	112.519	* 112.519		7596.000	12.6	1816.40	*	112.518	* 112.518	
7597.000	12.6	1816.61	*	112.517	* 112.517		7598.000	12.6	1816.82	*	112.516	* 112.516	
7599.000	12.6	1817.03	*	112.515	* 112.515		7600.000	12.6	1817.24	*	112.514	* 112.514	
7601.000	12.6	1817.45	*	112.513	* 112.513		7602.000	12.6	1817.66	*	112.512	* 112.512	
7603.000	12.6	1817.87	*	112.510	* 112.510		7604.000	12.6	1818.08	*	112.509	* 112.509	
7605.000	12.6	1818.29	*	112.508	* 112.508		7606.000	12.6	1818.50	*	112.507	* 112.507	
7607.000	12.6	1818.71	*	112.506	* 112.506		7608.000	12.6	1818.92	*	112.505	* 112.505	
7609.000	12.6	1819.13	*	112.504	* 112.504		7610.000	12.6	1819.34	*	112.503	* 112.503	
7611.000	12.6	1819.55	*	112.502	* 112.502		7612.000	12.6	1819.76	*	112.501	* 112.501	
7613.000	12.6	1819.97	*	112.500	* 112.500		7614.000	12.6	1820.18	*	112.499	* 112.499	
7615.000	12.6	1820.39	*	112.497	* 112.497		7616.000	12.6	1820.60	*	112.496	* 112.496	
7617.000	12.6	1820.81	*	112.495	* 112.495		7618.000	12.6	1821.02	*	112.494	* 112.494	
7619.000	12.6	1821.23	*	112.493	* 112.493		7620.000	12.6	1821.44	*	112.492	* 112.492	
7621.000	12.6	1821.66	*	112.491	* 112.491		7622.000	12.6	1821.87	*	112.490	* 112.490	
7623.000	12.6	1822.08	*	112.489	* 112.489		7624.000	12.6	1822.29	*	112.488	* 112.488	
7625.000	12.6	1822.50	*	112.486	* 112.486		7626.000	12.6	1822.71	*	112.485	* 112.485	

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
7627.000	12.6	1822.92	*		112.484	112.484	7628.000	12.6	1823.13	*		112.483	112.483
7629.000	12.6	1823.34	*		112.482	112.482	7630.000	12.6	1823.55	*		112.481	112.481
7631.000	12.6	1823.76	*		112.480	112.480	7632.000	12.6	1823.97	*		112.479	112.479
7633.000	12.6	1824.18	*		112.478	112.478	7634.000	12.6	1824.39	*		112.477	112.477
7635.000	12.6	1824.60	*		112.475	112.475	7636.000	12.6	1824.81	*		112.474	112.474
7637.000	12.6	1825.02	*		112.473	112.473	7638.000	12.6	1825.23	*		112.472	112.472
7639.000	12.6	1825.44	*		112.471	112.471	7640.000	12.6	1825.65	*		112.470	112.470
7641.000	12.6	1825.86	*		112.468	112.468	7642.000	12.6	1826.07	*		112.467	112.467
7643.000	12.6	1826.28	*		112.466	112.466	7644.000	12.6	1826.49	*		112.465	112.465
7645.000	12.6	1826.70	*		112.464	112.464	7646.000	12.6	1826.91	*		112.463	112.463
7647.000	12.6	1827.12	*		112.462	112.462	7648.000	12.6	1827.33	*		112.460	112.460
7649.000	12.6	1827.54	*		112.459	112.459	7650.000	12.6	1827.75	*		112.458	112.458
7651.000	12.6	1827.96	*		112.457	112.457	7652.000	12.6	1828.17	*		112.456	112.456
7653.000	12.6	1828.38	*		112.455	112.455	7654.000	12.6	1828.59	*		112.453	112.453
7655.000	12.6	1828.80	*		112.452	112.452	7656.000	12.6	1829.02	*		112.451	112.451
7657.000	12.6	1829.23	*		112.450	112.450	7658.000	12.6	1829.44	*		112.449	112.449
7659.000	12.6	1829.65	*		112.448	112.448	7660.000	12.6	1829.86	*		112.447	112.447
7661.000	12.6	1830.07	*		112.445	112.445	7662.000	12.6	1830.28	*		112.444	112.444
7663.000	12.6	1830.49	*		112.443	112.443	7664.000	12.6	1830.70	*		112.442	112.442
7665.000	12.6	1830.91	*		112.441	112.441	7666.000	12.6	1831.12	*		112.440	112.440
7667.000	12.6	1831.33	*		112.438	112.438	7668.000	12.6	1831.54	*		112.437	112.437
7669.000	12.6	1831.75	*		112.436	112.436	7670.000	12.6	1831.96	*		112.435	112.435
7671.000	12.6	1832.17	*		112.434	112.434	7672.000	12.6	1832.38	*		112.432	112.432
7673.000	12.6	1832.59	*		112.431	112.431	7674.000	12.6	1832.80	*		112.430	112.430
7675.000	12.6	1833.01	*		112.429	112.429	7676.000	12.6	1833.22	*		112.428	112.428
7677.000	12.6	1833.43	*		112.427	112.427	7678.000	12.6	1833.64	*		112.425	112.425
7679.000	12.6	1833.85	*		112.424	112.424	7680.000	12.6	1834.06	*		112.423	112.423
7681.000	12.6	1834.27	*		112.422	112.422	7682.000	12.6	1834.48	*		112.421	112.421
7683.000	12.6	1834.69	*		112.419	112.419	7684.000	12.6	1834.90	*		112.418	112.418
7685.000	12.6	1835.11	*		112.417	112.417	7686.000	12.6	1835.32	*		112.416	112.416
7687.000	12.6	1835.53	*		112.415	112.415	7688.000	12.6	1835.74	*		112.414	112.414
7689.000	12.6	1835.95	*		112.412	112.412	7690.000	12.6	1836.16	*		112.411	112.411
7691.000	12.6	1836.37	*		112.410	112.410	7692.000	12.6	1836.59	*		112.409	112.409
7693.000	12.6	1836.80	*		112.408	112.408	7694.000	12.6	1837.01	*		112.406	112.406
7695.000	12.6	1837.22	*		112.405	112.405	7696.000	12.6	1837.43	*		112.404	112.404
7697.000	12.6	1837.64	*		112.403	112.403	7698.000	12.6	1837.85	*		112.402	112.402

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## DIV I Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
7699.000	12.6	1838.06	* 112.400	* 112.400	7700.000	12.6	1838.27	* 112.399	* 112.399
7701.000	12.6	1838.48	* 112.398	* 112.398	7702.000	12.6	1838.69	* 112.397	* 112.397
7703.000	12.6	1838.90	* 112.396	* 112.396	7704.000	12.6	1839.11	* 112.394	* 112.394
7705.000	12.6	1839.32	* 112.393	* 112.393	7706.000	12.6	1839.53	* 112.392	* 112.392
7707.000	12.6	1839.74	* 112.391	* 112.391	7708.000	12.6	1839.95	* 112.390	* 112.390
7709.000	12.6	1840.16	* 112.388	* 112.388	7710.000	12.6	1840.37	* 112.387	* 112.387
7711.000	12.6	1840.58	* 112.386	* 112.386	7712.000	12.6	1840.79	* 112.385	* 112.385
7713.000	12.6	1841.00	* 112.384	* 112.384	7714.000	12.6	1841.21	* 112.382	* 112.382
7715.000	12.6	1841.42	* 112.381	* 112.381	7716.000	12.6	1841.63	* 112.380	* 112.380
7717.000	12.6	1841.84	* 112.379	* 112.379	7718.000	12.6	1842.05	* 112.377	* 112.377
7719.000	12.6	1842.26	* 112.376	* 112.376	7720.000	12.6	1842.47	* 112.375	* 112.375
7721.000	12.6	1842.68	* 112.374	* 112.374	7722.000	12.6	1842.89	* 112.373	* 112.373
7723.000	12.6	1843.10	* 112.371	* 112.371	7724.000	12.6	1843.31	* 112.370	* 112.370
7725.000	12.6	1843.52	* 112.369	* 112.369	7726.000	12.6	1843.73	* 112.368	* 112.368
7727.000	12.6	1843.95	* 112.366	* 112.366	7728.000	12.6	1844.16	* 112.365	* 112.365
7729.000	12.6	1844.37	* 112.364	* 112.364	7730.000	12.6	1844.58	* 112.363	* 112.363
7731.000	12.6	1844.79	* 112.362	* 112.362	7732.000	12.6	1845.00	* 112.360	* 112.360
7733.000	12.6	1845.21	* 112.359	* 112.359	7734.000	12.6	1845.42	* 112.358	* 112.358
7735.000	12.6	1845.63	* 112.357	* 112.357	7736.000	12.6	1845.84	* 112.355	* 112.355
7737.000	12.6	1846.05	* 112.354	* 112.354	7738.000	12.6	1846.26	* 112.353	* 112.353
7739.000	12.6	1846.47	* 112.352	* 112.352	7740.000	12.6	1846.68	* 112.350	* 112.350
7741.000	12.6	1846.89	* 112.349	* 112.349	7742.000	12.6	1847.10	* 112.348	* 112.348
7743.000	12.6	1847.31	* 112.347	* 112.347	7744.000	12.6	1847.52	* 112.345	* 112.345
7745.000	12.6	1847.73	* 112.344	* 112.344	7746.000	12.6	1847.94	* 112.343	* 112.343
7747.000	12.6	1848.15	* 112.342	* 112.342	7748.000	12.6	1848.36	* 112.340	* 112.340
7749.000	12.6	1848.57	* 112.339	* 112.339	7750.000	12.6	1848.78	* 112.338	* 112.338
7751.000	12.6	1848.99	* 112.337	* 112.337	7752.000	12.6	1849.20	* 112.335	* 112.335
7753.000	12.6	1849.41	* 112.334	* 112.334	7754.000	12.6	1849.62	* 112.333	* 112.333
7755.000	12.6	1849.83	* 112.332	* 112.332	7756.000	12.6	1850.04	* 112.330	* 112.330
7757.000	12.6	1850.25	* 112.329	* 112.329	7758.000	12.6	1850.46	* 112.328	* 112.328
7759.000	12.6	1850.67	* 112.327	* 112.327	7760.000	12.6	1850.88	* 112.325	* 112.325
7761.000	12.6	1851.09	* 112.324	* 112.324	7762.000	12.6	1851.31	* 112.323	* 112.323
7763.000	12.6	1851.52	* 112.322	* 112.322	7764.000	12.6	1851.73	* 112.320	* 112.320
7765.000	12.6	1851.94	* 112.319	* 112.319	7766.000	12.6	1852.15	* 112.318	* 112.318
7767.000	12.6	1852.36	* 112.317	* 112.317	7768.000	12.6	1852.57	* 112.315	* 112.315
7769.000	12.6	1852.78	* 112.314	* 112.314	7770.000	12.6	1852.99	* 112.313	* 112.313

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-    V+			(Amp)	(Amp-Hour)			V-    V+	
7771.000	12.6	1853.20	*	112.312	* 112.312		7772.000	12.6	1853.41	*	112.310	* 112.310	
7773.000	12.6	1853.62	*	112.309	* 112.309		7774.000	12.6	1853.83	*	112.308	* 112.308	
7775.000	12.6	1854.04	*	112.306	* 112.306		7776.000	12.6	1854.25	*	112.305	* 112.305	
7777.000	12.6	1854.46	*	112.304	* 112.304		7778.000	12.6	1854.67	*	112.303	* 112.303	
7779.000	12.6	1854.88	*	112.301	* 112.301		7780.000	12.6	1855.09	*	112.300	* 112.300	
7781.000	12.6	1855.30	*	112.299	* 112.299		7782.000	12.6	1855.51	*	112.297	* 112.297	
7783.000	12.6	1855.72	*	112.296	* 112.296		7784.000	12.6	1855.93	*	112.295	* 112.295	
7785.000	12.6	1856.14	*	112.294	* 112.294		7786.000	12.6	1856.35	*	112.292	* 112.292	
7787.000	12.6	1856.56	*	112.291	* 112.291		7788.000	12.6	1856.77	*	112.290	* 112.290	
7789.000	12.6	1856.98	*	112.288	* 112.288		7790.000	12.6	1857.19	*	112.287	* 112.287	
7791.000	12.6	1857.40	*	112.286	* 112.286		7792.000	12.6	1857.61	*	112.285	* 112.285	
7793.000	12.6	1857.82	*	112.283	* 112.283		7794.000	12.6	1858.03	*	112.282	* 112.282	
7795.000	12.6	1858.24	*	112.281	* 112.281		7796.000	12.6	1858.45	*	112.279	* 112.279	
7797.000	12.6	1858.66	*	112.278	* 112.278		7798.000	12.6	1858.88	*	112.277	* 112.277	
7799.000	12.6	1859.09	*	112.276	* 112.276		7800.000	12.6	1859.30	*	112.274	* 112.274	
7801.000	12.6	1859.51	*	112.273	* 112.273		7802.000	12.6	1859.72	*	112.272	* 112.272	
7803.000	12.6	1859.93	*	112.270	* 112.270		7804.000	12.6	1860.14	*	112.269	* 112.269	
7805.000	12.6	1860.35	*	112.268	* 112.268		7806.000	12.6	1860.56	*	112.266	* 112.266	
7807.000	12.6	1860.77	*	112.265	* 112.265		7808.000	12.6	1860.98	*	112.264	* 112.264	
7809.000	12.6	1861.19	*	112.263	* 112.263		7810.000	12.6	1861.40	*	112.261	* 112.261	
7811.000	12.6	1861.61	*	112.260	* 112.260		7812.000	12.6	1861.82	*	112.259	* 112.259	
7813.000	12.6	1862.03	*	112.257	* 112.257		7814.000	12.6	1862.24	*	112.256	* 112.256	
7815.000	12.6	1862.45	*	112.255	* 112.255		7816.000	12.6	1862.66	*	112.253	* 112.253	
7817.000	12.6	1862.87	*	112.252	* 112.252		7818.000	12.6	1863.08	*	112.251	* 112.251	
7819.000	12.6	1863.29	*	112.249	* 112.249		7820.000	12.6	1863.50	*	112.248	* 112.248	
7821.000	12.6	1863.71	*	112.247	* 112.247		7822.000	12.6	1863.92	*	112.245	* 112.245	
7823.000	12.6	1864.13	*	112.244	* 112.244		7824.000	12.6	1864.34	*	112.243	* 112.243	
7825.000	12.6	1864.55	*	112.241	* 112.241		7826.000	12.6	1864.76	*	112.240	* 112.240	
7827.000	12.6	1864.97	*	112.239	* 112.239		7828.000	12.6	1865.18	*	112.237	* 112.237	
7829.000	12.6	1865.39	*	112.236	* 112.236		7830.000	12.6	1865.60	*	112.235	* 112.235	
7831.000	12.6	1865.81	*	112.233	* 112.233		7832.000	12.6	1866.02	*	112.232	* 112.232	
7833.000	12.6	1866.24	*	112.231	* 112.231		7834.000	12.6	1866.45	*	112.229	* 112.229	
7835.000	12.6	1866.66	*	112.228	* 112.228		7836.000	12.6	1866.87	*	112.227	* 112.227	
7837.000	12.6	1867.08	*	112.225	* 112.225		7838.000	12.6	1867.29	*	112.224	* 112.224	
7839.000	12.6	1867.50	*	112.223	* 112.223		7840.000	12.6	1867.71	*	112.221	* 112.221	
7841.000	12.6	1867.92	*	112.220	* 112.220		7842.000	12.6	1868.13	*	112.219	* 112.219	

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
7843.000	12.6	1868.34	*		112.217 112.217		7844.000	12.6	1868.55	*		112.216 112.216	
7845.000	12.6	1868.76	*		112.215 112.215		7846.000	12.6	1868.97	*		112.213 112.213	
7847.000	12.6	1869.18	*		112.212 112.212		7848.000	12.6	1869.39	*		112.211 112.211	
7849.000	12.6	1869.60	*		112.209 112.209		7850.000	12.6	1869.81	*		112.208 112.208	
7851.000	12.6	1870.02	*		112.207 112.207		7852.000	12.6	1870.23	*		112.205 112.205	
7853.000	12.6	1870.44	*		112.204 112.204		7854.000	12.6	1870.65	*		112.203 112.203	
7855.000	12.6	1870.86	*		112.201 112.201		7856.000	12.6	1871.07	*		112.200 112.200	
7857.000	12.6	1871.28	*		112.198 112.198		7858.000	12.6	1871.49	*		112.197 112.197	
7859.000	12.6	1871.70	*		112.196 112.196		7860.000	12.6	1871.91	*		112.194 112.194	
7861.000	12.6	1872.12	*		112.193 112.193		7862.000	12.6	1872.33	*		112.192 112.192	
7863.000	12.6	1872.54	*		112.190 112.190		7864.000	12.6	1872.75	*		112.189 112.189	
7865.000	12.6	1872.96	*		112.188 112.188		7866.000	12.6	1873.17	*		112.186 112.186	
7867.000	12.6	1873.38	*		112.185 112.185		7868.000	12.6	1873.60	*		112.183 112.183	
7869.000	12.6	1873.81	*		112.182 112.182		7870.000	12.6	1874.02	*		112.181 112.181	
7871.000	12.6	1874.23	*		112.179 112.179		7872.000	12.6	1874.44	*		112.178 112.178	
7873.000	12.6	1874.65	*		112.177 112.177		7874.000	12.6	1874.86	*		112.175 112.175	
7875.000	12.6	1875.07	*		112.174 112.174		7876.000	12.6	1875.28	*		112.172 112.172	
7877.000	12.6	1875.49	*		112.171 112.171		7878.000	12.6	1875.70	*		112.170 112.170	
7879.000	12.6	1875.91	*		112.168 112.168		7880.000	12.6	1876.12	*		112.167 112.167	
7881.000	12.6	1876.33	*		112.165 112.165		7882.000	12.6	1876.54	*		112.164 112.164	
7883.000	12.6	1876.75	*		112.163 112.163		7884.000	12.6	1876.96	*		112.161 112.161	
7885.000	12.6	1877.17	*		112.160 112.160		7886.000	12.6	1877.38	*		112.159 112.159	
7887.000	12.6	1877.59	*		112.157 112.157		7888.000	12.6	1877.80	*		112.156 112.156	
7889.000	12.6	1878.01	*		112.154 112.154		7890.000	12.6	1878.22	*		112.153 112.153	
7891.000	12.6	1878.43	*		112.152 112.152		7892.000	12.6	1878.64	*		112.150 112.150	
7893.000	12.6	1878.85	*		112.149 112.149		7894.000	12.6	1879.06	*		112.147 112.147	
7895.000	12.6	1879.27	*		112.146 112.146		7896.000	12.6	1879.48	*		112.145 112.145	
7897.000	12.6	1879.69	*		112.143 112.143		7898.000	12.6	1879.90	*		112.142 112.142	
7899.000	12.6	1880.11	*		112.140 112.140		7900.000	12.6	1880.32	*		112.139 112.139	
7901.000	12.6	1880.53	*		112.137 112.137		7902.000	12.6	1880.74	*		112.136 112.136	
7903.000	12.6	1880.95	*		112.135 112.135		7904.000	12.6	1881.17	*		112.133 112.133	
7905.000	12.6	1881.38	*		112.132 112.132		7906.000	12.6	1881.59	*		112.130 112.130	
7907.000	12.6	1881.80	*		112.129 112.129		7908.000	12.6	1882.01	*		112.128 112.128	
7909.000	12.6	1882.22	*		112.126 112.126		7910.000	12.6	1882.43	*		112.125 112.125	
7911.000	12.6	1882.64	*		112.123 112.123		7912.000	12.6	1882.85	*		112.122 112.122	
7913.000	12.6	1883.06	*		112.120 112.120		7914.000	12.6	1883.27	*		112.119 112.119	

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
7915.000	12.6	1883.48	* 112.118	* 112.118	7916.000	12.6	1883.69	* 112.116	* 112.116
7917.000	12.6	1883.90	* 112.115	* 112.115	7918.000	12.6	1884.11	* 112.113	* 112.113
7919.000	12.6	1884.32	* 112.112	* 112.112	7920.000	12.6	1884.53	* 112.110	* 112.110
7921.000	12.6	1884.74	* 112.109	* 112.109	7922.000	12.6	1884.95	* 112.108	* 112.108
7923.000	12.6	1885.16	* 112.106	* 112.106	7924.000	12.6	1885.37	* 112.105	* 112.105
7925.000	12.6	1885.58	* 112.103	* 112.103	7926.000	12.6	1885.79	* 112.102	* 112.102
7927.000	12.6	1886.00	* 112.100	* 112.100	7928.000	12.6	1886.21	* 112.099	* 112.099
7929.000	12.6	1886.42	* 112.097	* 112.097	7930.000	12.6	1886.63	* 112.096	* 112.096
7931.000	12.6	1886.84	* 112.095	* 112.095	7932.000	12.6	1887.05	* 112.093	* 112.093
7933.000	12.6	1887.26	* 112.092	* 112.092	7934.000	12.6	1887.47	* 112.090	* 112.090
7935.000	12.6	1887.68	* 112.089	* 112.089	7936.000	12.6	1887.89	* 112.087	* 112.087
7937.000	12.6	1888.10	* 112.086	* 112.086	7938.000	12.6	1888.31	* 112.084	* 112.084
7939.000	12.6	1888.53	* 112.083	* 112.083	7940.000	12.6	1888.74	* 112.082	* 112.082
7941.000	12.6	1888.95	* 112.080	* 112.080	7942.000	12.6	1889.16	* 112.079	* 112.079
7943.000	12.6	1889.37	* 112.077	* 112.077	7944.000	12.6	1889.58	* 112.076	* 112.076
7945.000	12.6	1889.79	* 112.074	* 112.074	7946.000	12.6	1890.00	* 112.073	* 112.073
7947.000	12.6	1890.21	* 112.071	* 112.071	7948.000	12.6	1890.42	* 112.070	* 112.070
7949.000	12.6	1890.63	* 112.068	* 112.068	7950.000	12.6	1890.84	* 112.067	* 112.067
7951.000	12.6	1891.05	* 112.065	* 112.065	7952.000	12.6	1891.26	* 112.064	* 112.064
7953.000	12.6	1891.47	* 112.062	* 112.062	7954.000	12.6	1891.68	* 112.061	* 112.061
7955.000	12.6	1891.89	* 112.059	* 112.059	7956.000	12.6	1892.10	* 112.058	* 112.058
7957.000	12.6	1892.31	* 112.057	* 112.057	7958.000	12.6	1892.52	* 112.055	* 112.055
7959.000	12.6	1892.73	* 112.054	* 112.054	7960.000	12.6	1892.94	* 112.052	* 112.052
7961.000	12.6	1893.15	* 112.051	* 112.051	7962.000	12.6	1893.36	* 112.049	* 112.049
7963.000	12.6	1893.57	* 112.048	* 112.048	7964.000	12.6	1893.78	* 112.046	* 112.046
7965.000	12.6	1893.99	* 112.045	* 112.045	7966.000	12.6	1894.20	* 112.043	* 112.043
7967.000	12.6	1894.41	* 112.042	* 112.042	7968.000	12.6	1894.62	* 112.040	* 112.040
7969.000	12.6	1894.83	* 112.039	* 112.039	7970.000	12.6	1895.04	* 112.037	* 112.037
7971.000	12.6	1895.25	* 112.036	* 112.036	7972.000	12.6	1895.46	* 112.034	* 112.034
7973.000	12.6	1895.67	* 112.033	* 112.033	7974.000	12.6	1895.89	* 112.031	* 112.031
7975.000	12.6	1896.10	* 112.030	* 112.030	7976.000	12.6	1896.31	* 112.028	* 112.028
7977.000	12.6	1896.52	* 112.027	* 112.027	7978.000	12.6	1896.73	* 112.025	* 112.025
7979.000	12.6	1896.94	* 112.024	* 112.024	7980.000	12.6	1897.15	* 112.022	* 112.022
7981.000	12.6	1897.36	* 112.021	* 112.021	7982.000	12.6	1897.57	* 112.019	* 112.019
7983.000	12.6	1897.78	* 112.018	* 112.018	7984.000	12.6	1897.99	* 112.016	* 112.016
7985.000	12.6	1898.20	* 112.015	* 112.015	7986.000	12.6	1898.41	* 112.013	* 112.013

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
7987.000	12.6	1898.62	* 112.012	* 112.012	7988.000	12.6	1898.83	* 112.010	* 112.010
7989.000	12.6	1899.04	* 112.009	* 112.009	7990.000	12.6	1899.25	* 112.007	* 112.007
7991.000	12.6	1899.46	* 112.005	* 112.005	7992.000	12.6	1899.67	* 112.004	* 112.004
7993.000	12.6	1899.88	* 112.002	* 112.002	7994.000	12.6	1900.09	* 112.001	* 112.001
7995.000	12.6	1900.30	* 111.999	* 111.999	7996.000	12.6	1900.51	* 111.998	* 111.998
7997.000	12.6	1900.72	* 111.996	* 111.996	7998.000	12.6	1900.93	* 111.995	* 111.995
7999.000	12.6	1901.14	* 111.993	* 111.993	8000.000	12.6	1901.35	* 111.992	* 111.992
8001.000	12.6	1901.56	* 111.990	* 111.990	8002.000	12.6	1901.77	* 111.989	* 111.989
8003.000	12.6	1901.98	* 111.987	* 111.987	8004.000	12.6	1902.19	* 111.986	* 111.986
8005.000	12.6	1902.40	* 111.984	* 111.984	8006.000	12.6	1902.61	* 111.982	* 111.982
8007.000	12.6	1902.82	* 111.981	* 111.981	8008.000	12.6	1903.03	* 111.979	* 111.979
8009.000	12.6	1903.25	* 111.978	* 111.978	8010.000	12.6	1903.46	* 111.976	* 111.976
8011.000	12.6	1903.67	* 111.975	* 111.975	8012.000	12.6	1903.88	* 111.973	* 111.973
8013.000	12.6	1904.09	* 111.972	* 111.972	8014.000	12.6	1904.30	* 111.970	* 111.970
8015.000	12.6	1904.51	* 111.969	* 111.969	8016.000	12.6	1904.72	* 111.967	* 111.967
8017.000	12.6	1904.93	* 111.965	* 111.965	8018.000	12.6	1905.14	* 111.964	* 111.964
8019.000	12.6	1905.35	* 111.962	* 111.962	8020.000	12.6	1905.56	* 111.961	* 111.961
8021.000	12.6	1905.77	* 111.959	* 111.959	8022.000	12.6	1905.98	* 111.958	* 111.958
8023.000	12.6	1906.19	* 111.956	* 111.956	8024.000	12.6	1906.40	* 111.954	* 111.954
8025.000	12.6	1906.61	* 111.953	* 111.953	8026.000	12.6	1906.82	* 111.951	* 111.951
8027.000	12.6	1907.03	* 111.950	* 111.950	8028.000	12.6	1907.24	* 111.948	* 111.948
8029.000	12.6	1907.45	* 111.947	* 111.947	8030.000	12.6	1907.66	* 111.945	* 111.945
8031.000	12.6	1907.87	* 111.943	* 111.943	8032.000	12.6	1908.08	* 111.942	* 111.942
8033.000	12.6	1908.29	* 111.940	* 111.940	8034.000	12.6	1908.50	* 111.939	* 111.939
8035.000	12.6	1908.71	* 111.937	* 111.937	8036.000	12.6	1908.92	* 111.936	* 111.936
8037.000	12.6	1909.13	* 111.934	* 111.934	8038.000	12.6	1909.34	* 111.932	* 111.932
8039.000	12.6	1909.55	* 111.931	* 111.931	8040.000	12.6	1909.76	* 111.929	* 111.929
8041.000	12.6	1909.97	* 111.928	* 111.928	8042.000	12.6	1910.18	* 111.926	* 111.926
8043.000	12.6	1910.39	* 111.924	* 111.924	8044.000	12.6	1910.60	* 111.923	* 111.923
8045.000	12.6	1910.82	* 111.921	* 111.921	8046.000	12.6	1911.03	* 111.920	* 111.920
8047.000	12.6	1911.24	* 111.918	* 111.918	8048.000	12.6	1911.45	* 111.916	* 111.916
8049.000	12.6	1911.66	* 111.915	* 111.915	8050.000	12.6	1911.87	* 111.913	* 111.913
8051.000	12.6	1912.08	* 111.912	* 111.912	8052.000	12.6	1912.29	* 111.910	* 111.910
8053.000	12.6	1912.50	* 111.908	* 111.908	8054.000	12.6	1912.71	* 111.907	* 111.907
8055.000	12.6	1912.92	* 111.905	* 111.905	8056.000	12.6	1913.13	* 111.904	* 111.904
8057.000	12.6	1913.34	* 111.902	* 111.902	8058.000	12.6	1913.55	* 111.900	* 111.900

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
8059.000	12.6	1913.76	* 111.899	* 111.899	8060.000	12.6	1913.97	* 111.897	* 111.897
8061.000	12.6	1914.18	* 111.895	* 111.895	8062.000	12.6	1914.39	* 111.894	* 111.894
8063.000	12.6	1914.60	* 111.892	* 111.892	8064.000	12.6	1914.81	* 111.891	* 111.891
8065.000	12.6	1915.02	* 111.889	* 111.889	8066.000	12.6	1915.23	* 111.887	* 111.887
8067.000	12.6	1915.44	* 111.886	* 111.886	8068.000	12.6	1915.65	* 111.884	* 111.884
8069.000	12.6	1915.86	* 111.882	* 111.882	8070.000	12.6	1916.07	* 111.881	* 111.881
8071.000	12.6	1916.28	* 111.879	* 111.879	8072.000	12.6	1916.49	* 111.878	* 111.878
8073.000	12.6	1916.70	* 111.876	* 111.876	8074.000	12.6	1916.91	* 111.874	* 111.874
8075.000	12.6	1917.12	* 111.873	* 111.873	8076.000	12.6	1917.33	* 111.871	* 111.871
8077.000	12.6	1917.54	* 111.869	* 111.869	8078.000	12.6	1917.75	* 111.868	* 111.868
8079.000	12.6	1917.96	* 111.866	* 111.866	8080.000	12.6	1918.18	* 111.864	* 111.864
8081.000	12.6	1918.39	* 111.863	* 111.863	8082.000	12.6	1918.60	* 111.861	* 111.861
8083.000	12.6	1918.81	* 111.859	* 111.859	8084.000	12.6	1919.02	* 111.858	* 111.858
8085.000	12.6	1919.23	* 111.856	* 111.856	8086.000	12.6	1919.44	* 111.855	* 111.855
8087.000	12.6	1919.65	* 111.853	* 111.853	8088.000	12.6	1919.86	* 111.851	* 111.851
8089.000	12.6	1920.07	* 111.850	* 111.850	8090.000	12.6	1920.28	* 111.848	* 111.848
8091.000	12.6	1920.49	* 111.846	* 111.846	8092.000	12.6	1920.70	* 111.845	* 111.845
8093.000	12.6	1920.91	* 111.843	* 111.843	8094.000	12.6	1921.12	* 111.841	* 111.841
8095.000	12.6	1921.33	* 111.840	* 111.840	8096.000	12.6	1921.54	* 111.838	* 111.838
8097.000	12.6	1921.75	* 111.836	* 111.836	8098.000	12.6	1921.96	* 111.834	* 111.834
8099.000	12.6	1922.17	* 111.833	* 111.833	8100.000	12.6	1922.38	* 111.831	* 111.831
8101.000	12.6	1922.59	* 111.829	* 111.829	8102.000	12.6	1922.80	* 111.828	* 111.828
8103.000	12.6	1923.01	* 111.826	* 111.826	8104.000	12.6	1923.22	* 111.824	* 111.824
8105.000	12.6	1923.43	* 111.823	* 111.823	8106.000	12.6	1923.64	* 111.821	* 111.821
8107.000	12.6	1923.85	* 111.819	* 111.819	8108.000	12.6	1924.06	* 111.818	* 111.818
8109.000	12.6	1924.27	* 111.816	* 111.816	8110.000	12.6	1924.48	* 111.814	* 111.814
8111.000	12.6	1924.69	* 111.813	* 111.813	8112.000	12.6	1924.90	* 111.811	* 111.811
8113.000	12.6	1925.11	* 111.809	* 111.809	8114.000	12.6	1925.32	* 111.807	* 111.807
8115.000	12.6	1925.54	* 111.806	* 111.806	8116.000	12.6	1925.75	* 111.804	* 111.804
8117.000	12.6	1925.96	* 111.802	* 111.802	8118.000	12.6	1926.17	* 111.801	* 111.801
8119.000	12.6	1926.38	* 111.799	* 111.799	8120.000	12.6	1926.59	* 111.797	* 111.797
8121.000	12.6	1926.80	* 111.796	* 111.796	8122.000	12.6	1927.01	* 111.794	* 111.794
8123.000	12.6	1927.22	* 111.792	* 111.792	8124.000	12.6	1927.43	* 111.790	* 111.790
8125.000	12.6	1927.64	* 111.789	* 111.789	8126.000	12.6	1927.85	* 111.787	* 111.787
8127.000	12.6	1928.06	* 111.785	* 111.785	8128.000	12.6	1928.27	* 111.784	* 111.784
8129.000	12.6	1928.48	* 111.782	* 111.782	8130.000	12.6	1928.69	* 111.780	* 111.780

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Filename:	CPS SBO Study		Config.:	Normal

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 .DIV 1 Battery 1A 48-Hour Coping Study
 

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-    V+			(Amp)	(Amp-Hour)			V-    V+	
8131.000	12.6	1928.90	*	111.778	* 111.778		8132.000	12.6	1929.11	*	111.777	* 111.777	
8133.000	12.6	1929.32	*	111.775	* 111.775		8134.000	12.6	1929.53	*	111.773	* 111.773	
8135.000	12.6	1929.74	*	111.771	* 111.771		8136.000	12.6	1929.95	*	111.770	* 111.770	
8137.000	12.6	1930.16	*	111.768	* 111.768		8138.000	12.6	1930.37	*	111.766	* 111.766	
8139.000	12.6	1930.58	*	111.764	* 111.764		8140.000	12.6	1930.79	*	111.763	* 111.763	
8141.000	12.6	1931.00	*	111.761	* 111.761		8142.000	12.6	1931.21	*	111.759	* 111.759	
8143.000	12.6	1931.42	*	111.758	* 111.758		8144.000	12.6	1931.63	*	111.756	* 111.756	
8145.000	12.6	1931.84	*	111.754	* 111.754		8146.000	12.6	1932.05	*	111.752	* 111.752	
8147.000	12.6	1932.26	*	111.751	* 111.751		8148.000	12.6	1932.47	*	111.749	* 111.749	
8149.000	12.6	1932.68	*	111.747	* 111.747		8150.000	12.6	1932.90	*	111.745	* 111.745	
8151.000	12.6	1933.11	*	111.743	* 111.743		8152.000	12.6	1933.32	*	111.742	* 111.742	
8153.000	12.6	1933.53	*	111.740	* 111.740		8154.000	12.6	1933.74	*	111.738	* 111.738	
8155.000	12.6	1933.95	*	111.736	* 111.736		8156.000	12.6	1934.16	*	111.735	* 111.735	
8157.000	12.6	1934.37	*	111.733	* 111.733		8158.000	12.6	1934.58	*	111.731	* 111.731	
8159.000	12.6	1934.79	*	111.729	* 111.729		8160.000	12.6	1935.00	*	111.728	* 111.728	
8161.000	12.6	1935.21	*	111.726	* 111.726		8162.000	12.6	1935.42	*	111.724	* 111.724	
8163.000	12.6	1935.63	*	111.722	* 111.722		8164.000	12.6	1935.84	*	111.720	* 111.720	
8165.000	12.6	1936.05	*	111.719	* 111.719		8166.000	12.6	1936.26	*	111.717	* 111.717	
8167.000	12.6	1936.47	*	111.715	* 111.715		8168.000	12.6	1936.68	*	111.713	* 111.713	
8169.000	12.6	1936.89	*	111.712	* 111.712		8170.000	12.6	1937.10	*	111.710	* 111.710	
8171.000	12.6	1937.31	*	111.708	* 111.708		8172.000	12.6	1937.52	*	111.706	* 111.706	
8173.000	12.6	1937.73	*	111.704	* 111.704		8174.000	12.6	1937.94	*	111.703	* 111.703	
8175.000	12.6	1938.15	*	111.701	* 111.701		8176.000	12.6	1938.36	*	111.699	* 111.699	
8177.000	12.6	1938.57	*	111.697	* 111.697		8178.000	12.6	1938.78	*	111.695	* 111.695	
8179.000	12.6	1938.99	*	111.694	* 111.694		8180.000	12.6	1939.20	*	111.692	* 111.692	
8181.000	12.6	1939.41	*	111.690	* 111.690		8182.000	12.6	1939.62	*	111.688	* 111.688	
8183.000	12.6	1939.83	*	111.686	* 111.686		8184.000	12.6	1940.04	*	111.685	* 111.685	
8185.000	12.6	1940.25	*	111.683	* 111.683		8186.000	12.6	1940.47	*	111.681	* 111.681	
8187.000	12.6	1940.68	*	111.679	* 111.679		8188.000	12.6	1940.89	*	111.677	* 111.677	
8189.000	12.6	1941.10	*	111.675	* 111.675		8190.000	12.6	1941.31	*	111.674	* 111.674	
8191.000	12.6	1941.52	*	111.672	* 111.672		8192.000	12.6	1941.73	*	111.670	* 111.670	
8193.000	12.6	1941.94	*	111.668	* 111.668		8194.000	12.6	1942.15	*	111.666	* 111.666	
8195.000	12.6	1942.36	*	111.664	* 111.664		8196.000	12.6	1942.57	*	111.663	* 111.663	
8197.000	12.6	1942.78	*	111.661	* 111.661		8198.000	12.6	1942.99	*	111.659	* 111.659	
8199.000	12.6	1943.20	*	111.657	* 111.657		8200.000	12.6	1943.41	*	111.655	* 111.655	
8201.000	12.6	1943.62	*	111.653	* 111.653		8202.000	12.6	1943.83	*	111.652	* 111.652	

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge Capacity		Voltage (V)		Time	Discharge Capacity		Voltage (V)	
	Current (Amp)	(Amp-Hour)	V-	V+		Current (Amp)	(Amp-Hour)	V-	V+
8203.000	12.6	1944.04	* 111.650	* 111.650	8204.000	12.6	1944.25	* 111.648	* 111.648
8205.000	12.6	1944.46	* 111.646	* 111.646	8206.000	12.6	1944.67	* 111.644	* 111.644
8207.000	12.6	1944.88	* 111.642	* 111.642	8208.000	12.6	1945.09	* 111.640	* 111.640
8209.000	12.6	1945.30	* 111.639	* 111.639	8210.000	12.6	1945.51	* 111.637	* 111.637
8211.000	12.6	1945.72	* 111.635	* 111.635	8212.000	12.6	1945.93	* 111.633	* 111.633
8213.000	12.6	1946.14	* 111.631	* 111.631	8214.000	12.6	1946.35	* 111.629	* 111.629
8215.000	12.6	1946.56	* 111.627	* 111.627	8216.000	12.6	1946.77	* 111.626	* 111.626
8217.000	12.6	1946.98	* 111.624	* 111.624	8218.000	12.6	1947.19	* 111.622	* 111.622
8219.000	12.6	1947.40	* 111.620	* 111.620	8220.000	12.6	1947.61	* 111.618	* 111.618
8221.000	12.6	1947.83	* 111.616	* 111.616	8222.000	12.6	1948.04	* 111.614	* 111.614
8223.000	12.6	1948.25	* 111.612	* 111.612	8224.000	12.6	1948.46	* 111.611	* 111.611
8225.000	12.6	1948.67	* 111.609	* 111.609	8226.000	12.6	1948.88	* 111.607	* 111.607
8227.000	12.6	1949.09	* 111.605	* 111.605	8228.000	12.6	1949.30	* 111.603	* 111.603
8229.000	12.6	1949.51	* 111.601	* 111.601	8230.000	12.6	1949.72	* 111.599	* 111.599
8231.000	12.6	1949.93	* 111.597	* 111.597	8232.000	12.6	1950.14	* 111.595	* 111.595
8233.000	12.6	1950.35	* 111.593	* 111.593	8234.000	12.6	1950.56	* 111.592	* 111.592
8235.000	12.6	1950.77	* 111.590	* 111.590	8236.000	12.6	1950.98	* 111.588	* 111.588
8237.000	12.6	1951.19	* 111.586	* 111.586	8238.000	12.6	1951.40	* 111.584	* 111.584
8239.000	12.6	1951.61	* 111.582	* 111.582	8240.000	12.6	1951.82	* 111.580	* 111.580
8241.000	12.6	1952.03	* 111.578	* 111.578	8242.000	12.6	1952.24	* 111.576	* 111.576
8243.000	12.6	1952.45	* 111.574	* 111.574	8244.000	12.6	1952.66	* 111.572	* 111.572
8245.000	12.6	1952.87	* 111.570	* 111.570	8246.000	12.6	1953.08	* 111.569	* 111.569
8247.000	12.6	1953.29	* 111.567	* 111.567	8248.000	12.6	1953.50	* 111.565	* 111.565
8249.000	12.6	1953.71	* 111.563	* 111.563	8250.000	12.6	1953.92	* 111.561	* 111.561
8251.000	12.6	1954.13	* 111.559	* 111.559	8252.000	12.6	1954.34	* 111.557	* 111.557
8253.000	12.6	1954.55	* 111.555	* 111.555	8254.000	12.6	1954.76	* 111.553	* 111.553
8255.000	12.6	1954.97	* 111.551	* 111.551	8256.000	12.6	1955.19	* 111.549	* 111.549
8257.000	12.6	1955.40	* 111.547	* 111.547	8258.000	12.6	1955.61	* 111.545	* 111.545
8259.000	12.6	1955.82	* 111.543	* 111.543	8260.000	12.6	1956.03	* 111.541	* 111.541
8261.000	12.6	1956.24	* 111.539	* 111.539	8262.000	12.6	1956.45	* 111.537	* 111.537
8263.000	12.6	1956.66	* 111.536	* 111.536	8264.000	12.6	1956.87	* 111.534	* 111.534
8265.000	12.6	1957.08	* 111.532	* 111.532	8266.000	12.6	1957.29	* 111.530	* 111.530
8267.000	12.6	1957.50	* 111.528	* 111.528	8268.000	12.6	1957.71	* 111.526	* 111.526
8269.000	12.6	1957.92	* 111.524	* 111.524	8270.000	12.6	1958.13	* 111.522	* 111.522
8271.000	12.6	1958.34	* 111.520	* 111.520	8272.000	12.6	1958.55	* 111.518	* 111.518
8273.000	12.6	1958.76	* 111.516	* 111.516	8274.000	12.6	1958.97	* 111.514	* 111.514

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
8275.000	12.6	1959.18	*	111.512	* 111.512		8276.000	12.6	1959.39	*	111.510	* 111.510	
8277.000	12.6	1959.60	*	111.508	* 111.508		8278.000	12.6	1959.81	*	111.506	* 111.506	
8279.000	12.6	1960.02	*	111.504	* 111.504		8280.000	12.6	1960.23	*	111.502	* 111.502	
8281.000	12.6	1960.44	*	111.500	* 111.500		8282.000	12.6	1960.65	*	111.498	* 111.498	
8283.000	12.6	1960.86	*	111.496	* 111.496		8284.000	12.6	1961.07	*	111.494	* 111.494	
8285.000	12.6	1961.28	*	111.492	* 111.492		8286.000	12.6	1961.49	*	111.490	* 111.490	
8287.000	12.6	1961.70	*	111.488	* 111.488		8288.000	12.6	1961.91	*	111.486	* 111.486	
8289.000	12.6	1962.12	*	111.484	* 111.484		8290.000	12.6	1962.33	*	111.482	* 111.482	
8291.000	12.6	1962.54	*	111.480	* 111.480		8292.000	12.6	1962.76	*	111.478	* 111.478	
8293.000	12.6	1962.97	*	111.476	* 111.476		8294.000	12.6	1963.18	*	111.474	* 111.474	
8295.000	12.6	1963.39	*	111.472	* 111.472		8296.000	12.6	1963.60	*	111.470	* 111.470	
8297.000	12.6	1963.81	*	111.468	* 111.468		8298.000	12.6	1964.02	*	111.466	* 111.466	
8299.000	12.6	1964.23	*	111.464	* 111.464		8300.000	12.6	1964.44	*	111.462	* 111.462	
8301.000	12.6	1964.65	*	111.460	* 111.460		8302.000	12.6	1964.86	*	111.458	* 111.458	
8303.000	12.6	1965.07	*	111.456	* 111.456		8304.000	12.6	1965.28	*	111.454	* 111.454	
8305.000	12.6	1965.49	*	111.452	* 111.452		8306.000	12.6	1965.70	*	111.449	* 111.449	
8307.000	12.6	1965.91	*	111.447	* 111.447		8308.000	12.6	1966.12	*	111.445	* 111.445	
8309.000	12.6	1966.33	*	111.443	* 111.443		8310.000	12.6	1966.54	*	111.441	* 111.441	
8311.000	12.6	1966.75	*	111.439	* 111.439		8312.000	12.6	1966.96	*	111.437	* 111.437	
8313.000	12.6	1967.17	*	111.435	* 111.435		8314.000	12.6	1967.38	*	111.433	* 111.433	
8315.000	12.6	1967.59	*	111.431	* 111.431		8316.000	12.6	1967.80	*	111.429	* 111.429	
8317.000	12.6	1968.01	*	111.427	* 111.427		8318.000	12.6	1968.22	*	111.425	* 111.425	
8319.000	12.6	1968.43	*	111.423	* 111.423		8320.000	12.6	1968.64	*	111.421	* 111.421	
8321.000	12.6	1968.85	*	111.419	* 111.419		8322.000	12.6	1969.06	*	111.416	* 111.416	
8323.000	12.6	1969.27	*	111.414	* 111.414		8324.000	12.6	1969.48	*	111.412	* 111.412	
8325.000	12.6	1969.69	*	111.410	* 111.410		8326.000	12.6	1969.90	*	111.408	* 111.408	
8327.000	12.6	1970.12	*	111.406	* 111.406		8328.000	12.6	1970.33	*	111.404	* 111.404	
8329.000	12.6	1970.54	*	111.402	* 111.402		8330.000	12.6	1970.75	*	111.400	* 111.400	
8331.000	12.6	1970.96	*	111.398	* 111.398		8332.000	12.6	1971.17	*	111.396	* 111.396	
8333.000	12.6	1971.38	*	111.394	* 111.394		8334.000	12.6	1971.59	*	111.391	* 111.391	
8335.000	12.6	1971.80	*	111.389	* 111.389		8336.000	12.6	1972.01	*	111.387	* 111.387	
8337.000	12.6	1972.22	*	111.385	* 111.385		8338.000	12.6	1972.43	*	111.383	* 111.383	
8339.000	12.6	1972.64	*	111.381	* 111.381		8340.000	12.6	1972.85	*	111.379	* 111.379	
8341.000	12.6	1973.06	*	111.377	* 111.377		8342.000	12.6	1973.27	*	111.375	* 111.375	
8343.000	12.6	1973.48	*	111.372	* 111.372		8344.000	12.6	1973.69	*	111.370	* 111.370	
8345.000	12.6	1973.90	*	111.368	* 111.368		8346.000	12.6	1974.11	*	111.366	* 111.366	

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
8347.000	12.6	1974.32	*		111.364	111.364	8348.000	12.6	1974.53	*		111.362	111.362
8349.000	12.6	1974.74	*		111.360	111.360	8350.000	12.6	1974.95	*		111.357	111.357
8351.000	12.6	1975.16	*		111.355	111.355	8352.000	12.6	1975.37	*		111.353	111.353
8353.000	12.6	1975.58	*		111.351	111.351	8354.000	12.6	1975.79	*		111.349	111.349
8355.000	12.6	1976.00	*		111.347	111.347	8356.000	12.6	1976.21	*		111.345	111.345
8357.000	12.6	1976.42	*		111.342	111.342	8358.000	12.6	1976.63	*		111.340	111.340
8359.000	12.6	1976.84	*		111.338	111.338	8360.000	12.6	1977.05	*		111.336	111.336
8361.000	12.6	1977.26	*		111.334	111.334	8362.000	12.6	1977.48	*		111.332	111.332
8363.000	12.6	1977.69	*		111.329	111.329	8364.000	12.6	1977.90	*		111.327	111.327
8365.000	12.6	1978.11	*		111.325	111.325	8366.000	12.6	1978.32	*		111.323	111.323
8367.000	12.6	1978.53	*		111.321	111.321	8368.000	12.6	1978.74	*		111.319	111.319
8369.000	12.6	1978.95	*		111.316	111.316	8370.000	12.6	1979.16	*		111.314	111.314
8371.000	12.6	1979.37	*		111.312	111.312	8372.000	12.6	1979.58	*		111.310	111.310
8373.000	12.6	1979.79	*		111.308	111.308	8374.000	12.6	1980.00	*		111.306	111.306
8375.000	12.6	1980.21	*		111.303	111.303	8376.000	12.6	1980.42	*		111.301	111.301
8377.000	12.6	1980.63	*		111.299	111.299	8378.000	12.6	1980.84	*		111.297	111.297
8379.000	12.6	1981.05	*		111.295	111.295	8380.000	12.6	1981.26	*		111.292	111.292
8381.000	12.6	1981.47	*		111.290	111.290	8382.000	12.6	1981.68	*		111.288	111.288
8383.000	12.6	1981.89	*		111.286	111.286	8384.000	12.6	1982.10	*		111.283	111.283
8385.000	12.6	1982.31	*		111.281	111.281	8386.000	12.6	1982.52	*		111.279	111.279
8387.000	12.6	1982.73	*		111.277	111.277	8388.000	12.6	1982.94	*		111.275	111.275
8389.000	12.6	1983.15	*		111.272	111.272	8390.000	12.6	1983.36	*		111.270	111.270
8391.000	12.6	1983.57	*		111.268	111.268	8392.000	12.6	1983.78	*		111.266	111.266
8393.000	12.6	1983.99	*		111.263	111.263	8394.000	12.6	1984.20	*		111.261	111.261
8395.000	12.6	1984.41	*		111.259	111.259	8396.000	12.6	1984.62	*		111.257	111.257
8397.000	12.6	1984.83	*		111.254	111.254	8398.000	12.6	1985.05	*		111.252	111.252
8399.000	12.6	1985.26	*		111.250	111.250	8400.000	12.6	1985.47	*		111.248	111.248
8401.000	12.6	1985.68	*		111.245	111.245	8402.000	12.6	1985.89	*		111.243	111.243
8403.000	12.6	1986.10	*		111.241	111.241	8404.000	12.6	1986.31	*		111.239	111.239
8405.000	12.6	1986.52	*		111.236	111.236	8406.000	12.6	1986.73	*		111.234	111.234
8407.000	12.6	1986.94	*		111.232	111.232	8408.000	12.6	1987.15	*		111.230	111.230
8409.000	12.6	1987.36	*		111.227	111.227	8410.000	12.6	1987.57	*		111.225	111.225
8411.000	12.6	1987.78	*		111.223	111.223	8412.000	12.6	1987.99	*		111.221	111.221
8413.000	12.6	1988.20	*		111.218	111.218	8414.000	12.6	1988.41	*		111.216	111.216
8415.000	12.6	1988.62	*		111.214	111.214	8416.000	12.6	1988.83	*		111.211	111.211
8417.000	12.6	1989.04	*		111.209	111.209	8418.000	12.6	1989.25	*		111.207	111.207

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## DIV I Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
8419.000	12.6	1989.46	* 111.205	* 111.205			8420.000	12.6	1989.67	* 111.202	* 111.202		
8421.000	12.6	1989.88	* 111.200	* 111.200			8422.000	12.6	1990.09	* 111.198	* 111.198		
8423.000	12.6	1990.30	* 111.195	* 111.195			8424.000	12.6	1990.51	* 111.193	* 111.193		
8425.000	12.6	1990.72	* 111.191	* 111.191			8426.000	12.6	1990.93	* 111.188	* 111.188		
8427.000	12.6	1991.14	* 111.186	* 111.186			8428.000	12.6	1991.35	* 111.184	* 111.184		
8429.000	12.6	1991.56	* 111.181	* 111.181			8430.000	12.6	1991.77	* 111.179	* 111.179		
8431.000	12.6	1991.98	* 111.177	* 111.177			8432.000	12.6	1992.19	* 111.174	* 111.174		
8433.000	12.6	1992.41	* 111.172	* 111.172			8434.000	12.6	1992.62	* 111.170	* 111.170		
8435.000	12.6	1992.83	* 111.167	* 111.167			8436.000	12.6	1993.04	* 111.165	* 111.165		
8437.000	12.6	1993.25	* 111.163	* 111.163			8438.000	12.6	1993.46	* 111.160	* 111.160		
8439.000	12.6	1993.67	* 111.158	* 111.158			8440.000	12.6	1993.88	* 111.156	* 111.156		
8441.000	12.6	1994.09	* 111.153	* 111.153			8442.000	12.6	1994.30	* 111.151	* 111.151		
8443.000	12.6	1994.51	* 111.149	* 111.149			8444.000	12.6	1994.72	* 111.146	* 111.146		
8445.000	12.6	1994.93	* 111.144	* 111.144			8446.000	12.6	1995.14	* 111.142	* 111.142		
8447.000	12.6	1995.35	* 111.139	* 111.139			8448.000	12.6	1995.56	* 111.137	* 111.137		
8449.000	12.6	1995.77	* 111.134	* 111.134			8450.000	12.6	1995.98	* 111.132	* 111.132		
8451.000	12.6	1996.19	* 111.130	* 111.130			8452.000	12.6	1996.40	* 111.127	* 111.127		
8453.000	12.6	1996.61	* 111.125	* 111.125			8454.000	12.6	1996.82	* 111.123	* 111.123		
8455.000	12.6	1997.03	* 111.120	* 111.120			8456.000	12.6	1997.24	* 111.118	* 111.118		
8457.000	12.6	1997.45	* 111.115	* 111.115			8458.000	12.6	1997.66	* 111.113	* 111.113		
8459.000	12.6	1997.87	* 111.111	* 111.111			8460.000	12.6	1998.08	* 111.108	* 111.108		
8461.000	12.6	1998.29	* 111.106	* 111.106			8462.000	12.6	1998.50	* 111.103	* 111.103		
8463.000	12.6	1998.71	* 111.101	* 111.101			8464.000	12.6	1998.92	* 111.099	* 111.099		
8465.000	12.6	1999.13	* 111.096	* 111.096			8466.000	12.6	1999.34	* 111.094	* 111.094		
8467.000	12.6	1999.55	* 111.091	* 111.091			8468.000	12.6	1999.77	* 111.089	* 111.089		
8469.000	12.6	1999.98	* 111.086	* 111.086			8470.000	12.6	2000.19	* 111.084	* 111.084		
8471.000	12.6	2000.40	* 111.082	* 111.082			8472.000	12.6	2000.61	* 111.079	* 111.079		
8473.000	12.6	2000.82	* 111.077	* 111.077			8474.000	12.6	2001.03	* 111.074	* 111.074		
8475.000	12.6	2001.24	* 111.072	* 111.072			8476.000	12.6	2001.45	* 111.069	* 111.069		
8477.000	12.6	2001.66	* 111.067	* 111.067			8478.000	12.6	2001.87	* 111.065	* 111.065		
8479.000	12.6	2002.08	* 111.062	* 111.062			8480.000	12.6	2002.29	* 111.060	* 111.060		
8481.000	12.6	2002.50	* 111.057	* 111.057			8482.000	12.6	2002.71	* 111.055	* 111.055		
8483.000	12.6	2002.92	* 111.052	* 111.052			8484.000	12.6	2003.13	* 111.050	* 111.050		
8485.000	12.6	2003.34	* 111.047	* 111.047			8486.000	12.6	2003.55	* 111.045	* 111.045		
8487.000	12.6	2003.76	* 111.042	* 111.042			8488.000	12.6	2003.97	* 111.040	* 111.040		
8489.000	12.6	2004.18	* 111.037	* 111.037			8490.000	12.6	2004.39	* 111.035	* 111.035		

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	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
8491.000	12.6	2004.60	*	111.032	*	111.032	8492.000	12.6	2004.81	*	111.030	*	111.030
8493.000	12.6	2005.02	*	111.027	*	111.027	8494.000	12.6	2005.23	*	111.025	*	111.025
8495.000	12.6	2005.44	*	111.022	*	111.022	8496.000	12.6	2005.65	*	111.020	*	111.020
8497.000	12.6	2005.86	*	111.017	*	111.017	8498.000	12.6	2006.07	*	111.015	*	111.015
8499.000	12.6	2006.28	*	111.012	*	111.012	8500.000	12.6	2006.49	*	111.010	*	111.010
8501.000	12.6	2006.70	*	111.007	*	111.007	8502.000	12.6	2006.91	*	111.005	*	111.005
8503.000	12.6	2007.13	*	111.002	*	111.002	8504.000	12.6	2007.34	*	111.000	*	111.000
8505.000	12.6	2007.55	*	110.997	*	110.997	8506.000	12.6	2007.76	*	110.995	*	110.995
8507.000	12.6	2007.97	*	110.992	*	110.992	8508.000	12.6	2008.18	*	110.990	*	110.990
8509.000	12.6	2008.39	*	110.987	*	110.987	8510.000	12.6	2008.60	*	110.985	*	110.985
8511.000	12.6	2008.81	*	110.982	*	110.982	8512.000	12.6	2009.02	*	110.980	*	110.980
8513.000	12.6	2009.23	*	110.977	*	110.977	8514.000	12.6	2009.44	*	110.975	*	110.975
8515.000	12.6	2009.65	*	110.972	*	110.972	8516.000	12.6	2009.86	*	110.969	*	110.969
8517.000	12.6	2010.07	*	110.967	*	110.967	8518.000	12.6	2010.28	*	110.964	*	110.964
8519.000	12.6	2010.49	*	110.962	*	110.962	8520.000	12.6	2010.70	*	110.959	*	110.959
8521.000	12.6	2010.91	*	110.957	*	110.957	8522.000	12.6	2011.12	*	110.954	*	110.954
8523.000	12.6	2011.33	*	110.951	*	110.951	8524.000	12.6	2011.54	*	110.949	*	110.949
8525.000	12.6	2011.75	*	110.946	*	110.946	8526.000	12.6	2011.96	*	110.944	*	110.944
8527.000	12.6	2012.17	*	110.941	*	110.941	8528.000	12.6	2012.38	*	110.939	*	110.939
8529.000	12.6	2012.59	*	110.936	*	110.936	8530.000	12.6	2012.80	*	110.933	*	110.933
8531.000	12.6	2013.01	*	110.931	*	110.931	8532.000	12.6	2013.22	*	110.928	*	110.928
8533.000	12.6	2013.43	*	110.926	*	110.926	8534.000	12.6	2013.64	*	110.923	*	110.923
8535.000	12.6	2013.85	*	110.920	*	110.920	8536.000	12.6	2014.06	*	110.918	*	110.918
8537.000	12.6	2014.27	*	110.915	*	110.915	8538.000	12.6	2014.48	*	110.912	*	110.912
8539.000	12.6	2014.70	*	110.910	*	110.910	8540.000	12.6	2014.91	*	110.907	*	110.907
8541.000	12.6	2015.12	*	110.905	*	110.905	8542.000	12.6	2015.33	*	110.902	*	110.902
8543.000	12.6	2015.54	*	110.899	*	110.899	8544.000	12.6	2015.75	*	110.897	*	110.897
8545.000	12.6	2015.96	*	110.894	*	110.894	8546.000	12.6	2016.17	*	110.891	*	110.891
8547.000	12.6	2016.38	*	110.889	*	110.889	8548.000	12.6	2016.59	*	110.886	*	110.886
8549.000	12.6	2016.80	*	110.883	*	110.883	8550.000	12.6	2017.01	*	110.881	*	110.881
8551.000	12.6	2017.22	*	110.878	*	110.878	8552.000	12.6	2017.43	*	110.876	*	110.876
8553.000	12.6	2017.64	*	110.873	*	110.873	8554.000	12.6	2017.85	*	110.870	*	110.870
8555.000	12.6	2018.06	*	110.868	*	110.868	8556.000	12.6	2018.27	*	110.865	*	110.865
8557.000	12.6	2018.48	*	110.862	*	110.862	8558.000	12.6	2018.69	*	110.859	*	110.859
8559.000	12.6	2018.90	*	110.857	*	110.857	8560.000	12.6	2019.11	*	110.854	*	110.854
8561.000	12.6	2019.32	*	110.851	*	110.851	8562.000	12.6	2019.53	*	110.849	*	110.849

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	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
8563.000	12.6	2019.74	* 110.846	* 110.846	8564.000	12.6	2019.95	* 110.843	* 110.843
8565.000	12.6	2020.16	* 110.841	* 110.841	8566.000	12.6	2020.37	* 110.838	* 110.838
8567.000	12.6	2020.58	* 110.835	* 110.835	8568.000	12.6	2020.79	* 110.833	* 110.833
8569.000	12.6	2021.00	* 110.830	* 110.830	8570.000	12.6	2021.21	* 110.827	* 110.827
8571.000	12.6	2021.42	* 110.824	* 110.824	8572.000	12.6	2021.63	* 110.822	* 110.822
8573.000	12.6	2021.84	* 110.819	* 110.819	8574.000	12.6	2022.06	* 110.816	* 110.816
8575.000	12.6	2022.27	* 110.813	* 110.813	8576.000	12.6	2022.48	* 110.811	* 110.811
8577.000	12.6	2022.69	* 110.808	* 110.808	8578.000	12.6	2022.90	* 110.805	* 110.805
8579.000	12.6	2023.11	* 110.803	* 110.803	8580.000	12.6	2023.32	* 110.800	* 110.800
8581.000	12.6	2023.53	* 110.797	* 110.797	8582.000	12.6	2023.74	* 110.794	* 110.794
8583.000	12.6	2023.95	* 110.791	* 110.791	8584.000	12.6	2024.16	* 110.789	* 110.789
8585.000	12.6	2024.37	* 110.786	* 110.786	8586.000	12.6	2024.58	* 110.783	* 110.783
8587.000	12.6	2024.79	* 110.780	* 110.780	8588.000	12.6	2025.00	* 110.778	* 110.778
8589.000	12.6	2025.21	* 110.775	* 110.775	8590.000	12.6	2025.42	* 110.772	* 110.772
8591.000	12.6	2025.63	* 110.769	* 110.769	8592.000	12.6	2025.84	* 110.767	* 110.767
8593.000	12.6	2026.05	* 110.764	* 110.764	8594.000	12.6	2026.26	* 110.761	* 110.761
8595.000	12.6	2026.47	* 110.758	* 110.758	8596.000	12.6	2026.68	* 110.755	* 110.755
8597.000	12.6	2026.89	* 110.753	* 110.753	8598.000	12.6	2027.10	* 110.750	* 110.750
8599.000	12.6	2027.31	* 110.747	* 110.747	8600.000	12.6	2027.52	* 110.744	* 110.744
8601.000	12.6	2027.73	* 110.741	* 110.741	8602.000	12.6	2027.94	* 110.738	* 110.738
8603.000	12.6	2028.15	* 110.736	* 110.736	8604.000	12.6	2028.36	* 110.733	* 110.733
8605.000	12.6	2028.57	* 110.730	* 110.730	8606.000	12.6	2028.78	* 110.727	* 110.727
8607.000	12.6	2028.99	* 110.724	* 110.724	8608.000	12.6	2029.20	* 110.721	* 110.721
8609.000	12.6	2029.42	* 110.719	* 110.719	8610.000	12.6	2029.63	* 110.716	* 110.716
8611.000	12.6	2029.84	* 110.713	* 110.713	8612.000	12.6	2030.05	* 110.710	* 110.710
8613.000	12.6	2030.26	* 110.707	* 110.707	8614.000	12.6	2030.47	* 110.704	* 110.704
8615.000	12.6	2030.68	* 110.701	* 110.701	8616.000	12.6	2030.89	* 110.699	* 110.699
8617.000	12.6	2031.10	* 110.696	* 110.696	8618.000	12.6	2031.31	* 110.693	* 110.693
8619.000	12.6	2031.52	* 110.690	* 110.690	8620.000	12.6	2031.73	* 110.687	* 110.687
8621.000	12.6	2031.94	* 110.684	* 110.684	8622.000	12.6	2032.15	* 110.681	* 110.681
8623.000	12.6	2032.36	* 110.678	* 110.678	8624.000	12.6	2032.57	* 110.676	* 110.676
8625.000	12.6	2032.78	* 110.673	* 110.673	8626.000	12.6	2032.99	* 110.670	* 110.670
8627.000	12.6	2033.20	* 110.667	* 110.667	8628.000	12.6	2033.41	* 110.664	* 110.664
8629.000	12.6	2033.62	* 110.661	* 110.661	8630.000	12.6	2033.83	* 110.658	* 110.658
8631.000	12.6	2034.04	* 110.655	* 110.655	8632.000	12.6	2034.25	* 110.652	* 110.652
8633.000	12.6	2034.46	* 110.649	* 110.649	8634.000	12.6	2034.67	* 110.646	* 110.646

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	(Amp)	(Amp-Hour)			V-    V+			(Amp)	(Amp-Hour)			V-    V+	
8635.000	12.6	2034.88	*		110.643   110.643		8636.000	12.6	2035.09	*		110.641   110.641	
8637.000	12.6	2035.30	*		110.638   110.638		8638.000	12.6	2035.51	*		110.635   110.635	
8639.000	12.6	2035.72	*		110.632   110.632		8640.000	12.6	2035.93	*		110.629   110.629	
8641.000	12.6	2036.14	*		110.626   110.626		8642.000	12.6	2036.35	*		110.623   110.623	
8643.000	12.6	2036.56	*		110.620   110.620		8644.000	12.6	2036.77	*		110.617   110.617	
8645.000	12.6	2036.99	*		110.614   110.614		8646.000	12.6	2037.20	*		110.611   110.611	
8647.000	12.6	2037.41	*		110.608   110.608		8648.000	12.6	2037.62	*		110.605   110.605	
8649.000	12.6	2037.83	*		110.602   110.602		8650.000	12.6	2038.04	*		110.599   110.599	
8651.000	12.6	2038.25	*		110.596   110.596		8652.000	12.6	2038.46	*		110.593   110.593	
8653.000	12.6	2038.67	*		110.590   110.590		8654.000	12.6	2038.88	*		110.587   110.587	
8655.000	12.6	2039.09	*		110.584   110.584		8656.000	12.6	2039.30	*		110.581   110.581	
8657.000	12.6	2039.51	*		110.578   110.578		8658.000	12.6	2039.72	*		110.575   110.575	
8659.000	12.6	2039.93	*		110.572   110.572		8660.000	12.6	2040.14	*		110.569   110.569	
8661.000	12.6	2040.35	*		110.566   110.566		8662.000	12.6	2040.56	*		110.563   110.563	
8663.000	12.6	2040.77	*		110.560   110.560		8664.000	12.6	2040.98	*		110.557   110.557	
8665.000	12.6	2041.19	*		110.554   110.554		8666.000	12.6	2041.40	*		110.551   110.551	
8667.000	12.6	2041.61	*		110.548   110.548		8668.000	12.6	2041.82	*		110.545   110.545	
8669.000	12.6	2042.03	*		110.542   110.542		8670.000	12.6	2042.24	*		110.539   110.539	
8671.000	12.6	2042.45	*		110.535   110.535		8672.000	12.6	2042.66	*		110.532   110.532	
8673.000	12.6	2042.87	*		110.529   110.529		8674.000	12.6	2043.08	*		110.526   110.526	
8675.000	12.6	2043.29	*		110.523   110.523		8676.000	12.6	2043.50	*		110.520   110.520	
8677.000	12.6	2043.71	*		110.517   110.517		8678.000	12.6	2043.92	*		110.514   110.514	
8679.000	12.6	2044.13	*		110.511   110.511		8680.000	12.6	2044.35	*		110.508   110.508	
8681.000	12.6	2044.56	*		110.505   110.505		8682.000	12.6	2044.77	*		110.502   110.502	
8683.000	12.6	2044.98	*		110.498   110.498		8684.000	12.6	2045.19	*		110.495   110.495	
8685.000	12.6	2045.40	*		110.492   110.492		8686.000	12.6	2045.61	*		110.489   110.489	
8687.000	12.6	2045.82	*		110.486   110.486		8688.000	12.6	2046.03	*		110.483   110.483	
8689.000	12.6	2046.24	*		110.480   110.480		8690.000	12.6	2046.45	*		110.477   110.477	
8691.000	12.6	2046.66	*		110.473   110.473		8692.000	12.6	2046.87	*		110.470   110.470	
8693.000	12.6	2047.08	*		110.467   110.467		8694.000	12.6	2047.29	*		110.464   110.464	
8695.000	12.6	2047.50	*		110.461   110.461		8696.000	12.6	2047.71	*		110.458   110.458	
8697.000	12.6	2047.92	*		110.454   110.454		8698.000	12.6	2048.13	*		110.451   110.451	
8699.000	12.6	2048.34	*		110.448   110.448		8700.000	12.6	2048.55	*		110.445   110.445	
8701.000	12.6	2048.76	*		110.442   110.442		8702.000	12.6	2048.97	*		110.439   110.439	
8703.000	12.6	2049.18	*		110.435   110.435		8704.000	12.6	2049.39	*		110.432   110.432	
8705.000	12.6	2049.60	*		110.429   110.429		8706.000	12.6	2049.81	*		110.426   110.426	

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	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
8707.000	12.6	2050.02	*	110.423	* 110.423		8708.000	12.6	2050.23	*	110.419	* 110.419	
8709.000	12.6	2050.44	*	110.416	* 110.416		8710.000	12.6	2050.65	*	110.413	* 110.413	
8711.000	12.6	2050.86	*	110.410	* 110.410		8712.000	12.6	2051.07	*	110.406	* 110.406	
8713.000	12.6	2051.28	*	110.403	* 110.403		8714.000	12.6	2051.49	*	110.400	* 110.400	
8715.000	12.6	2051.71	*	110.397	* 110.397		8716.000	12.6	2051.92	*	110.394	* 110.394	
8717.000	12.6	2052.13	*	110.390	* 110.390		8718.000	12.6	2052.34	*	110.387	* 110.387	
8719.000	12.6	2052.55	*	110.384	* 110.384		8720.000	12.6	2052.76	*	110.381	* 110.381	
8721.000	12.6	2052.97	*	110.377	* 110.377		8722.000	12.6	2053.18	*	110.374	* 110.374	
8723.000	12.6	2053.39	*	110.371	* 110.371		8724.000	12.6	2053.60	*	110.367	* 110.367	
8725.000	12.6	2053.81	*	110.364	* 110.364		8726.000	12.6	2054.02	*	110.361	* 110.361	
8727.000	12.6	2054.23	*	110.358	* 110.358		8728.000	12.6	2054.44	*	110.354	* 110.354	
8729.000	12.6	2054.65	*	110.351	* 110.351		8730.000	12.6	2054.86	*	110.348	* 110.348	
8731.000	12.6	2055.07	*	110.344	* 110.344		8732.000	12.6	2055.28	*	110.341	* 110.341	
8733.000	12.6	2055.49	*	110.338	* 110.338		8734.000	12.6	2055.70	*	110.334	* 110.334	
8735.000	12.6	2055.91	*	110.331	* 110.331		8736.000	12.6	2056.12	*	110.328	* 110.328	
8737.000	12.6	2056.33	*	110.324	* 110.324		8738.000	12.6	2056.54	*	110.321	* 110.321	
8739.000	12.6	2056.75	*	110.318	* 110.318		8740.000	12.6	2056.96	*	110.314	* 110.314	
8741.000	12.6	2057.17	*	110.311	* 110.311		8742.000	12.6	2057.38	*	110.308	* 110.308	
8743.000	12.6	2057.59	*	110.304	* 110.304		8744.000	12.6	2057.80	*	110.301	* 110.301	
8745.000	12.6	2058.01	*	110.298	* 110.298		8746.000	12.6	2058.22	*	110.294	* 110.294	
8747.000	12.6	2058.43	*	110.291	* 110.291		8748.000	12.6	2058.64	*	110.288	* 110.288	
8749.000	12.6	2058.85	*	110.284	* 110.284		8750.000	12.6	2059.06	*	110.281	* 110.281	
8751.000	12.6	2059.28	*	110.277	* 110.277		8752.000	12.6	2059.49	*	110.274	* 110.274	
8753.000	12.6	2059.70	*	110.271	* 110.271		8754.000	12.6	2059.91	*	110.267	* 110.267	
8755.000	12.6	2060.12	*	110.264	* 110.264		8756.000	12.6	2060.33	*	110.260	* 110.260	
8757.000	12.6	2060.54	*	110.257	* 110.257		8758.000	12.6	2060.75	*	110.254	* 110.254	
8759.000	12.6	2060.96	*	110.250	* 110.250		8760.000	12.6	2061.17	*	110.247	* 110.247	
8761.000	12.6	2061.38	*	110.243	* 110.243		8762.000	12.6	2061.59	*	110.240	* 110.240	
8763.000	12.6	2061.80	*	110.236	* 110.236		8764.000	12.6	2062.01	*	110.233	* 110.233	
8765.000	12.6	2062.22	*	110.229	* 110.229		8766.000	12.6	2062.43	*	110.226	* 110.226	
8767.000	12.6	2062.64	*	110.223	* 110.223		8768.000	12.6	2062.85	*	110.219	* 110.219	
8769.000	12.6	2063.06	*	110.216	* 110.216		8770.000	12.6	2063.27	*	110.212	* 110.212	
8771.000	12.6	2063.48	*	110.209	* 110.209		8772.000	12.6	2063.69	*	110.200	* 110.200	
8773.000	12.6	2063.90	*	110.200	* 110.200		8774.000	12.6	2064.11	*	110.200	* 110.200	
8775.000	12.6	2064.32	*	110.200	* 110.200		8776.000	12.6	2064.53	*	110.195	* 110.195	
8777.000	12.6	2064.74	*	110.193	* 110.193		8778.000	12.6	2064.95	*	110.191	* 110.191	

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DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
8779.000	12.6	2065.16	*		110.190	110.190	8780.000	12.6	2065.37	*		110.188	110.188
8781.000	12.6	2065.58	*		110.186	110.186	8782.000	12.6	2065.79	*		110.184	110.184
8783.000	12.6	2066.00	*		110.182	110.182	8784.000	12.6	2066.21	*		110.180	110.180
8785.000	12.6	2066.42	*		110.178	110.178	8786.000	12.6	2066.64	*		110.176	110.176
8787.000	12.6	2066.85	*		110.175	110.175	8788.000	12.6	2067.06	*		110.173	110.173
8789.000	12.6	2067.27	*		110.171	110.171	8790.000	12.6	2067.48	*		110.169	110.169
8791.000	12.6	2067.69	*		110.167	110.167	8792.000	12.6	2067.90	*		110.165	110.165
8793.000	12.6	2068.11	*		110.163	110.163	8794.000	12.6	2068.32	*		110.161	110.161
8795.000	12.6	2068.53	*		110.159	110.159	8796.000	12.6	2068.74	*		110.158	110.158
8797.000	12.6	2068.95	*		110.156	110.156	8798.000	12.6	2069.16	*		110.154	110.154
8799.000	12.6	2069.37	*		110.152	110.152	8800.000	12.6	2069.58	*		110.150	110.150
8801.000	12.6	2069.79	*		110.148	110.148	8802.000	12.6	2070.00	*		110.146	110.146
8803.000	12.6	2070.21	*		110.144	110.144	8804.000	12.6	2070.42	*		110.143	110.143
8805.000	12.6	2070.63	*		110.141	110.141	8806.000	12.6	2070.84	*		110.139	110.139
8807.000	12.6	2071.05	*		110.137	110.137	8808.000	12.6	2071.26	*		110.135	110.135
8809.000	12.6	2071.47	*		110.133	110.133	8810.000	12.6	2071.68	*		110.131	110.131
8811.000	12.6	2071.89	*		110.129	110.129	8812.000	12.6	2072.10	*		110.128	110.128
8813.000	12.6	2072.31	*		110.126	110.126	8814.000	12.6	2072.52	*		110.124	110.124
8815.000	12.6	2072.73	*		110.122	110.122	8816.000	12.6	2072.94	*		110.120	110.120
8817.000	12.6	2073.15	*		110.118	110.118	8818.000	12.6	2073.36	*		110.116	110.116
8819.000	12.6	2073.57	*		110.114	110.114	8820.000	12.6	2073.78	*		110.113	110.113
8821.000	12.6	2074.00	*		110.111	110.111	8822.000	12.6	2074.21	*		110.109	110.109
8823.000	12.6	2074.42	*		110.107	110.107	8824.000	12.6	2074.63	*		110.105	110.105
8825.000	12.6	2074.84	*		110.103	110.103	8826.000	12.6	2075.05	*		110.101	110.101
8827.000	12.6	2075.26	*		110.099	110.099	8828.000	12.6	2075.47	*		110.098	110.098
8829.000	12.6	2075.68	*		110.096	110.096	8830.000	12.6	2075.89	*		110.094	110.094
8831.000	12.6	2076.10	*		110.092	110.092	8832.000	12.6	2076.31	*		110.090	110.090
8833.000	12.6	2076.52	*		110.088	110.088	8834.000	12.6	2076.73	*		110.086	110.086
8835.000	12.6	2076.94	*		110.085	110.085	8836.000	12.6	2077.15	*		110.083	110.083
8837.000	12.6	2077.36	*		110.081	110.081	8838.000	12.6	2077.57	*		110.079	110.079
8839.000	12.6	2077.78	*		110.077	110.077	8840.000	12.6	2077.99	*		110.075	110.075
8841.000	12.6	2078.20	*		110.073	110.073	8842.000	12.6	2078.41	*		110.071	110.071
8843.000	12.6	2078.62	*		110.070	110.070	8844.000	12.6	2078.83	*		110.068	110.068
8845.000	12.6	2079.04	*		110.066	110.066	8846.000	12.6	2079.25	*		110.064	110.064
8847.000	12.6	2079.46	*		110.062	110.062	8848.000	12.6	2079.67	*		110.060	110.060
8849.000	12.6	2079.88	*		110.058	110.058	8850.000	12.6	2080.09	*		110.057	110.057

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
8851.000	12.6	2080.30	* 110.055	* 110.055	8852.000	12.6	2080.51	* 110.053	* 110.053
8853.000	12.6	2080.72	* 110.051	* 110.051	8854.000	12.6	2080.93	* 110.049	* 110.049
8855.000	12.6	2081.14	* 110.047	* 110.047	8856.000	12.6	2081.35	* 110.045	* 110.045
8857.000	12.6	2081.57	* 110.044	* 110.044	8858.000	12.6	2081.78	* 110.042	* 110.042
8859.000	12.6	2081.99	* 110.040	* 110.040	8860.000	12.6	2082.20	* 110.038	* 110.038
8861.000	12.6	2082.41	* 110.036	* 110.036	8862.000	12.6	2082.62	* 110.034	* 110.034
8863.000	12.6	2082.83	* 110.032	* 110.032	8864.000	12.6	2083.04	* 110.031	* 110.031
8865.000	12.6	2083.25	* 110.029	* 110.029	8866.000	12.6	2083.46	* 110.027	* 110.027
8867.000	12.6	2083.67	* 110.025	* 110.025	8868.000	12.6	2083.88	* 110.023	* 110.023
8869.000	12.6	2084.09	* 110.021	* 110.021	8870.000	12.6	2084.30	* 110.019	* 110.019
8871.000	12.6	2084.51	* 110.018	* 110.018	8872.000	12.6	2084.72	* 110.016	* 110.016
8873.000	12.6	2084.93	* 110.014	* 110.014	8874.000	12.6	2085.14	* 110.012	* 110.012
8875.000	12.6	2085.35	* 110.010	* 110.010	8876.000	12.6	2085.56	* 110.008	* 110.008
8877.000	12.6	2085.77	* 110.007	* 110.007	8878.000	12.6	2085.98	* 110.005	* 110.005
8879.000	12.6	2086.19	* 110.003	* 110.003	8880.000	12.6	2086.40	* 110.001	* 110.001
8881.000	12.6	2086.61	* 109.999	* 109.999	8882.000	12.6	2086.82	* 109.997	* 109.997
8883.000	12.6	2087.03	* 109.995	* 109.995	8884.000	12.6	2087.24	* 109.994	* 109.994
8885.000	12.6	2087.45	* 109.992	* 109.992	8886.000	12.6	2087.66	* 109.990	* 109.990
8887.000	12.6	2087.87	* 109.988	* 109.988	8888.000	12.6	2088.08	* 109.986	* 109.986
8889.000	12.6	2088.29	* 109.984	* 109.984	8890.000	12.6	2088.50	* 109.983	* 109.983
8891.000	12.6	2088.71	* 109.981	* 109.981	8892.000	12.6	2088.93	* 109.979	* 109.979
8893.000	12.6	2089.14	* 109.977	* 109.977	8894.000	12.6	2089.35	* 109.975	* 109.975
8895.000	12.6	2089.56	* 109.973	* 109.973	8896.000	12.6	2089.77	* 109.971	* 109.971
8897.000	12.6	2089.98	* 109.970	* 109.970	8898.000	12.6	2090.19	* 109.968	* 109.968
8899.000	12.6	2090.40	* 109.966	* 109.966	8900.000	12.6	2090.61	* 109.964	* 109.964
8901.000	12.6	2090.82	* 109.962	* 109.962	8902.000	12.6	2091.03	* 109.960	* 109.960
8903.000	12.6	2091.24	* 109.959	* 109.959	8904.000	12.6	2091.45	* 109.957	* 109.957
8905.000	12.6	2091.66	* 109.955	* 109.955	8906.000	12.6	2091.87	* 109.953	* 109.953
8907.000	12.6	2092.08	* 109.951	* 109.951	8908.000	12.6	2092.29	* 109.949	* 109.949
8909.000	12.6	2092.50	* 109.948	* 109.948	8910.000	12.6	2092.71	* 109.946	* 109.946
8911.000	12.6	2092.92	* 109.944	* 109.944	8912.000	12.6	2093.13	* 109.942	* 109.942
8913.000	12.6	2093.34	* 109.940	* 109.940	8914.000	12.6	2093.55	* 109.938	* 109.938
8915.000	12.6	2093.76	* 109.937	* 109.937	8916.000	12.6	2093.97	* 109.935	* 109.935
8917.000	12.6	2094.18	* 109.933	* 109.933	8918.000	12.6	2094.39	* 109.931	* 109.931
8919.000	12.6	2094.60	* 109.929	* 109.929	8920.000	12.6	2094.81	* 109.927	* 109.927
8921.000	12.6	2095.02	* 109.926	* 109.926	8922.000	12.6	2095.23	* 109.924	* 109.924

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
8923.000	12.6	2095.44	* 109.922	* 109.922	8924.000	12.6	2095.65	* 109.920	* 109.920
8925.000	12.6	2095.86	* 109.918	* 109.918	8926.000	12.6	2096.07	* 109.916	* 109.916
8927.000	12.6	2096.29	* 109.915	* 109.915	8928.000	12.6	2096.50	* 109.913	* 109.913
8929.000	12.6	2096.71	* 109.911	* 109.911	8930.000	12.6	2096.92	* 109.909	* 109.909
8931.000	12.6	2097.13	* 109.907	* 109.907	8932.000	12.6	2097.34	* 109.905	* 109.905
8933.000	12.6	2097.55	* 109.904	* 109.904	8934.000	12.6	2097.76	* 109.902	* 109.902
8935.000	12.6	2097.97	* 109.900	* 109.900	8936.000	12.6	2098.18	* 109.898	* 109.898
8937.000	12.6	2098.39	* 109.896	* 109.896	8938.000	12.6	2098.60	* 109.895	* 109.895
8939.000	12.6	2098.81	* 109.893	* 109.893	8940.000	12.6	2099.02	* 109.891	* 109.891
8941.000	12.6	2099.23	* 109.889	* 109.889	8942.000	12.6	2099.44	* 109.887	* 109.887
8943.000	12.6	2099.65	* 109.885	* 109.885	8944.000	12.6	2099.86	* 109.884	* 109.884
8945.000	12.6	2100.07	* 109.882	* 109.882	8946.000	12.6	2100.28	* 109.880	* 109.880
8947.000	12.6	2100.49	* 109.878	* 109.878	8948.000	12.6	2100.70	* 109.876	* 109.876
8949.000	12.6	2100.91	* 109.874	* 109.874	8950.000	12.6	2101.12	* 109.873	* 109.873
8951.000	12.6	2101.33	* 109.871	* 109.871	8952.000	12.6	2101.54	* 109.869	* 109.869
8953.000	12.6	2101.75	* 109.867	* 109.867	8954.000	12.6	2101.96	* 109.865	* 109.865
8955.000	12.6	2102.17	* 109.864	* 109.864	8956.000	12.6	2102.38	* 109.862	* 109.862
8957.000	12.6	2102.59	* 109.860	* 109.860	8958.000	12.6	2102.80	* 109.858	* 109.858
8959.000	12.6	2103.01	* 109.855	* 109.855	8960.000	12.6	2103.22	* 109.853	* 109.853
8961.000	12.6	2103.43	* 109.851	* 109.851	8962.000	12.6	2103.65	* 109.849	* 109.849
8963.000	12.6	2103.86	* 109.847	* 109.847	8964.000	12.6	2104.07	* 109.845	* 109.845
8965.000	12.6	2104.28	* 109.843	* 109.843	8966.000	12.6	2104.49	* 109.841	* 109.841
8967.000	12.6	2104.70	* 109.839	* 109.839	8968.000	12.6	2104.91	* 109.837	* 109.837
8969.000	12.6	2105.12	* 109.834	* 109.834	8970.000	12.6	2105.33	* 109.832	* 109.832
8971.000	12.6	2105.54	* 109.830	* 109.830	8972.000	12.6	2105.75	* 109.828	* 109.828
8973.000	12.6	2105.96	* 109.826	* 109.826	8974.000	12.6	2106.17	* 109.824	* 109.824
8975.000	12.6	2106.38	* 109.822	* 109.822	8976.000	12.6	2106.59	* 109.820	* 109.820
8977.000	12.6	2106.80	* 109.817	* 109.817	8978.000	12.6	2107.01	* 109.815	* 109.815
8979.000	12.6	2107.22	* 109.813	* 109.813	8980.000	12.6	2107.43	* 109.811	* 109.811
8981.000	12.6	2107.64	* 109.809	* 109.809	8982.000	12.6	2107.85	* 109.807	* 109.807
8983.000	12.6	2108.06	* 109.804	* 109.804	8984.000	12.6	2108.27	* 109.802	* 109.802
8985.000	12.6	2108.48	* 109.800	* 109.800	8986.000	12.6	2108.69	* 109.798	* 109.798
8987.000	12.6	2108.90	* 109.796	* 109.796	8988.000	12.6	2109.11	* 109.794	* 109.794
8989.000	12.6	2109.32	* 109.791	* 109.791	8990.000	12.6	2109.53	* 109.789	* 109.789
8991.000	12.6	2109.74	* 109.787	* 109.787	8992.000	12.6	2109.95	* 109.785	* 109.785
8993.000	12.6	2110.16	* 109.783	* 109.783	8994.000	12.6	2110.37	* 109.781	* 109.781

Project: Clinton Flex Study  
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## DIV I Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
8995.000	12.6	2110.58	* 109.778	* 109.778	8996.000	12.6	2110.79	* 109.776	* 109.776
8997.000	12.6	2111.00	* 109.774	* 109.774	8998.000	12.6	2111.22	* 109.772	* 109.772
8999.000	12.6	2111.43	* 109.770	* 109.770	9000.000	12.6	2111.64	* 109.767	* 109.767
9001.000	12.6	2111.85	* 109.765	* 109.765	9002.000	12.6	2112.06	* 109.763	* 109.763
9003.000	12.6	2112.27	* 109.761	* 109.761	9004.000	12.6	2112.48	* 109.758	* 109.758
9005.000	12.6	2112.69	* 109.756	* 109.756	9006.000	12.6	2112.90	* 109.754	* 109.754
9007.000	12.6	2113.11	* 109.752	* 109.752	9008.000	12.6	2113.32	* 109.750	* 109.750
9009.000	12.6	2113.53	* 109.747	* 109.747	9010.000	12.6	2113.74	* 109.745	* 109.745
9011.000	12.6	2113.95	* 109.743	* 109.743	9012.000	12.6	2114.16	* 109.741	* 109.741
9013.000	12.6	2114.37	* 109.738	* 109.738	9014.000	12.6	2114.58	* 109.736	* 109.736
9015.000	12.6	2114.79	* 109.734	* 109.734	9016.000	12.6	2115.00	* 109.732	* 109.732
9017.000	12.6	2115.21	* 109.729	* 109.729	9018.000	12.6	2115.42	* 109.727	* 109.727
9019.000	12.6	2115.63	* 109.725	* 109.725	9020.000	12.6	2115.84	* 109.722	* 109.722
9021.000	12.6	2116.05	* 109.720	* 109.720	9022.000	12.6	2116.26	* 109.718	* 109.718
9023.000	12.6	2116.47	* 109.716	* 109.716	9024.000	12.6	2116.68	* 109.713	* 109.713
9025.000	12.6	2116.89	* 109.711	* 109.711	9026.000	12.6	2117.10	* 109.709	* 109.709
9027.000	12.6	2117.31	* 109.706	* 109.706	9028.000	12.6	2117.52	* 109.704	* 109.704
9029.000	12.6	2117.73	* 109.702	* 109.702	9030.000	12.6	2117.94	* 109.700	* 109.700
9031.000	12.6	2118.15	* 109.697	* 109.697	9032.000	12.6	2118.37	* 109.695	* 109.695
9033.000	12.6	2118.58	* 109.693	* 109.693	9034.000	12.6	2118.79	* 109.690	* 109.690
9035.000	12.6	2119.00	* 109.688	* 109.688	9036.000	12.6	2119.21	* 109.686	* 109.686
9037.000	12.6	2119.42	* 109.683	* 109.683	9038.000	12.6	2119.63	* 109.681	* 109.681
9039.000	12.6	2119.84	* 109.679	* 109.679	9040.000	12.6	2120.05	* 109.676	* 109.676
9041.000	12.6	2120.26	* 109.674	* 109.674	9042.000	12.6	2120.47	* 109.672	* 109.672
9043.000	12.6	2120.68	* 109.669	* 109.669	9044.000	12.6	2120.89	* 109.667	* 109.667
9045.000	12.6	2121.10	* 109.665	* 109.665	9046.000	12.6	2121.31	* 109.662	* 109.662
9047.000	12.6	2121.52	* 109.660	* 109.660	9048.000	12.6	2121.73	* 109.657	* 109.657
9049.000	12.6	2121.94	* 109.655	* 109.655	9050.000	12.6	2122.15	* 109.653	* 109.653
9051.000	12.6	2122.36	* 109.650	* 109.650	9052.000	12.6	2122.57	* 109.648	* 109.648
9053.000	12.6	2122.78	* 109.646	* 109.646	9054.000	12.6	2122.99	* 109.643	* 109.643
9055.000	12.6	2123.20	* 109.641	* 109.641	9056.000	12.6	2123.41	* 109.638	* 109.638
9057.000	12.6	2123.62	* 109.636	* 109.636	9058.000	12.6	2123.83	* 109.634	* 109.634
9059.000	12.6	2124.04	* 109.631	* 109.631	9060.000	12.6	2124.25	* 109.629	* 109.629
9061.000	12.6	2124.46	* 109.626	* 109.626	9062.000	12.6	2124.67	* 109.624	* 109.624
9063.000	12.6	2124.88	* 109.621	* 109.621	9064.000	12.6	2125.09	* 109.619	* 109.619
9065.000	12.6	2125.30	* 109.617	* 109.617	9066.000	12.6	2125.51	* 109.614	* 109.614

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## DIV I Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
9067.000	12.6	2125.72	*		109.612	109.612	9068.000	12.6	2125.94	*		109.609	109.609
9069.000	12.6	2126.15	*		109.607	109.607	9070.000	12.6	2126.36	*		109.604	109.604
9071.000	12.6	2126.57	*		109.602	109.602	9072.000	12.6	2126.78	*		109.600	109.600
9073.000	12.6	2126.99	*		109.597	109.597	9074.000	12.6	2127.20	*		109.595	109.595
9075.000	12.6	2127.41	*		109.592	109.592	9076.000	12.6	2127.62	*		109.590	109.590
9077.000	12.6	2127.83	*		109.587	109.587	9078.000	12.6	2128.04	*		109.585	109.585
9079.000	12.6	2128.25	*		109.582	109.582	9080.000	12.6	2128.46	*		109.580	109.580
9081.000	12.6	2128.67	*		109.577	109.577	9082.000	12.6	2128.88	*		109.575	109.575
9083.000	12.6	2129.09	*		109.572	109.572	9084.000	12.6	2129.30	*		109.570	109.570
9085.000	12.6	2129.51	*		109.567	109.567	9086.000	12.6	2129.72	*		109.565	109.565
9087.000	12.6	2129.93	*		109.562	109.562	9088.000	12.6	2130.14	*		109.560	109.560
9089.000	12.6	2130.35	*		109.557	109.557	9090.000	12.6	2130.56	*		109.555	109.555
9091.000	12.6	2130.77	*		109.552	109.552	9092.000	12.6	2130.98	*		109.550	109.550
9093.000	12.6	2131.19	*		109.547	109.547	9094.000	12.6	2131.40	*		109.545	109.545
9095.000	12.6	2131.61	*		109.542	109.542	9096.000	12.6	2131.82	*		109.540	109.540
9097.000	12.6	2132.03	*		109.537	109.537	9098.000	12.6	2132.24	*		109.535	109.535
9099.000	12.6	2132.45	*		109.532	109.532	9100.000	12.6	2132.66	*		109.529	109.529
9101.000	12.6	2132.87	*		109.527	109.527	9102.000	12.6	2133.08	*		109.524	109.524
9103.000	12.6	2133.29	*		109.522	109.522	9104.000	12.6	2133.51	*		109.519	109.519
9105.000	12.6	2133.72	*		109.517	109.517	9106.000	12.6	2133.93	*		109.514	109.514
9107.000	12.6	2134.14	*		109.511	109.511	9108.000	12.6	2134.35	*		109.509	109.509
9109.000	12.6	2134.56	*		109.506	109.506	9110.000	12.6	2134.77	*		109.504	109.504
9111.000	12.6	2134.98	*		109.501	109.501	9112.000	12.6	2135.19	*		109.498	109.498
9113.000	12.6	2135.40	*		109.496	109.496	9114.000	12.6	2135.61	*		109.493	109.493
9115.000	12.6	2135.82	*		109.491	109.491	9116.000	12.6	2136.03	*		109.488	109.488
9117.000	12.6	2136.24	*		109.485	109.485	9118.000	12.6	2136.45	*		109.483	109.483
9119.000	12.6	2136.66	*		109.480	109.480	9120.000	12.6	2136.87	*		109.477	109.477
9121.000	12.6	2137.08	*		109.475	109.475	9122.000	12.6	2137.29	*		109.472	109.472
9123.000	12.6	2137.50	*		109.470	109.470	9124.000	12.6	2137.71	*		109.467	109.467
9125.000	12.6	2137.92	*		109.464	109.464	9126.000	12.6	2138.13	*		109.462	109.462
9127.000	12.6	2138.34	*		109.459	109.459	9128.000	12.6	2138.55	*		109.456	109.456
9129.000	12.6	2138.76	*		109.454	109.454	9130.000	12.6	2138.97	*		109.451	109.451
9131.000	12.6	2139.18	*		109.448	109.448	9132.000	12.6	2139.39	*		109.446	109.446
9133.000	12.6	2139.60	*		109.443	109.443	9134.000	12.6	2139.81	*		109.440	109.440
9135.000	12.6	2140.02	*		109.437	109.437	9136.000	12.6	2140.23	*		109.435	109.435
9137.000	12.6	2140.44	*		109.432	109.432	9138.000	12.6	2140.66	*		109.429	109.429

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
9139.000	12.6	2140.87	*		109.427	109.427	9140.000	12.6	2141.08	*		109.424	109.424
9141.000	12.6	2141.29	*		109.421	109.421	9142.000	12.6	2141.50	*		109.418	109.418
9143.000	12.6	2141.71	*		109.416	109.416	9144.000	12.6	2141.92	*		109.413	109.413
9145.000	12.6	2142.13	*		109.410	109.410	9146.000	12.6	2142.34	*		109.408	109.408
9147.000	12.6	2142.55	*		109.405	109.405	9148.000	12.6	2142.76	*		109.402	109.402
9149.000	12.6	2142.97	*		109.399	109.399	9150.000	12.6	2143.18	*		109.397	109.397
9151.000	12.6	2143.39	*		109.394	109.394	9152.000	12.6	2143.60	*		109.391	109.391
9153.000	12.6	2143.81	*		109.388	109.388	9154.000	12.6	2144.02	*		109.385	109.385
9155.000	12.6	2144.23	*		109.383	109.383	9156.000	12.6	2144.44	*		109.380	109.380
9157.000	12.6	2144.65	*		109.377	109.377	9158.000	12.6	2144.86	*		109.374	109.374
9159.000	12.6	2145.07	*		109.372	109.372	9160.000	12.6	2145.28	*		109.369	109.369
9161.000	12.6	2145.49	*		109.366	109.366	9162.000	12.6	2145.70	*		109.363	109.363
9163.000	12.6	2145.91	*		109.360	109.360	9164.000	12.6	2146.12	*		109.357	109.357
9165.000	12.6	2146.33	*		109.355	109.355	9166.000	12.6	2146.54	*		109.352	109.352
9167.000	12.6	2146.75	*		109.349	109.349	9168.000	12.6	2146.96	*		109.346	109.346
9169.000	12.6	2147.17	*		109.343	109.343	9170.000	12.6	2147.38	*		109.340	109.340
9171.000	12.6	2147.59	*		109.338	109.338	9172.000	12.6	2147.80	*		109.335	109.335
9173.000	12.6	2148.01	*		109.332	109.332	9174.000	12.6	2148.23	*		109.329	109.329
9175.000	12.6	2148.44	*		109.326	109.326	9176.000	12.6	2148.65	*		109.323	109.323
9177.000	12.6	2148.86	*		109.320	109.320	9178.000	12.6	2149.07	*		109.318	109.318
9179.000	12.6	2149.28	*		109.315	109.315	9180.000	12.6	2149.49	*		109.312	109.312
9181.000	12.6	2149.70	*		109.309	109.309	9182.000	12.6	2149.91	*		109.306	109.306
9183.000	12.6	2150.12	*		109.303	109.303	9184.000	12.6	2150.33	*		109.300	109.300
9185.000	12.6	2150.54	*		109.297	109.297	9186.000	12.6	2150.75	*		109.294	109.294
9187.000	12.6	2150.96	*		109.291	109.291	9188.000	12.6	2151.17	*		109.288	109.288
9189.000	12.6	2151.38	*		109.285	109.285	9190.000	12.6	2151.59	*		109.283	109.283
9191.000	12.6	2151.80	*		109.280	109.280	9192.000	12.6	2152.01	*		109.277	109.277
9193.000	12.6	2152.22	*		109.274	109.274	9194.000	12.6	2152.43	*		109.271	109.271
9195.000	12.6	2152.64	*		109.268	109.268	9196.000	12.6	2152.85	*		109.265	109.265
9197.000	12.6	2153.06	*		109.262	109.262	9198.000	12.6	2153.27	*		109.259	109.259
9199.000	12.6	2153.48	*		109.256	109.256	9200.000	12.6	2153.69	*		109.253	109.253
9201.000	12.6	2153.90	*		109.250	109.250	9202.000	12.6	2154.11	*		109.247	109.247
9203.000	12.6	2154.32	*		109.244	109.244	9204.000	12.6	2154.53	*		109.241	109.241
9205.000	12.6	2154.74	*		109.238	109.238	9206.000	12.6	2154.95	*		109.235	109.235
9207.000	12.6	2155.16	*		109.232	109.232	9208.000	12.6	2155.37	*		109.229	109.229
9209.000	12.6	2155.58	*		109.226	109.226	9210.000	12.6	2155.80	*		109.223	109.223

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
9211.000	12.6	2156.01	*		109.220	109.220	9212.000	12.6	2156.22	*		109.217	109.217
9213.000	12.6	2156.43	*		109.214	109.214	9214.000	12.6	2156.64	*		109.211	109.211
9215.000	12.6	2156.85	*		109.207	109.207	9216.000	12.6	2157.06	*		109.204	109.204
9217.000	12.6	2157.27	*		109.201	109.201	9218.000	12.6	2157.48	*		109.198	109.198
9219.000	12.6	2157.69	*		109.195	109.195	9220.000	12.6	2157.90	*		109.192	109.192
9221.000	12.6	2158.11	*		109.189	109.189	9222.000	12.6	2158.32	*		109.186	109.186
9223.000	12.6	2158.53	*		109.183	109.183	9224.000	12.6	2158.74	*		109.180	109.180
9225.000	12.6	2158.95	*		109.177	109.177	9226.000	12.6	2159.16	*		109.173	109.173
9227.000	12.6	2159.37	*		109.170	109.170	9228.000	12.6	2159.58	*		109.167	109.167
9229.000	12.6	2159.79	*		109.164	109.164	9230.000	12.6	2160.00	*		109.161	109.161
9231.000	12.6	2160.21	*		109.158	109.158	9232.000	12.6	2160.42	*		109.155	109.155
9233.000	12.6	2160.63	*		109.152	109.152	9234.000	12.6	2160.84	*		109.148	109.148
9235.000	12.6	2161.05	*		109.145	109.145	9236.000	12.6	2161.26	*		109.142	109.142
9237.000	12.6	2161.47	*		109.139	109.139	9238.000	12.6	2161.68	*		109.136	109.136
9239.000	12.6	2161.89	*		109.132	109.132	9240.000	12.6	2162.10	*		109.129	109.129
9241.000	12.6	2162.31	*		109.126	109.126	9242.000	12.6	2162.52	*		109.123	109.123
9243.000	12.6	2162.73	*		109.120	109.120	9244.000	12.6	2162.95	*		109.116	109.116
9245.000	12.6	2163.16	*		109.113	109.113	9246.000	12.6	2163.37	*		109.110	109.110
9247.000	12.6	2163.58	*		109.107	109.107	9248.000	12.6	2163.79	*		109.104	109.104
9249.000	12.6	2164.00	*		109.100	109.100	9250.000	12.6	2164.21	*		109.097	109.097
9251.000	12.6	2164.42	*		109.094	109.094	9252.000	12.6	2164.63	*		109.091	109.091
9253.000	12.6	2164.84	*		109.087	109.087	9254.000	12.6	2165.05	*		109.084	109.084
9255.000	12.6	2165.26	*		109.081	109.081	9256.000	12.6	2165.47	*		109.077	109.077
9257.000	12.6	2165.68	*		109.074	109.074	9258.000	12.6	2165.89	*		109.071	109.071
9259.000	12.6	2166.10	*		109.068	109.068	9260.000	12.6	2166.31	*		109.064	109.064
9261.000	12.6	2166.52	*		109.061	109.061	9262.000	12.6	2166.73	*		109.058	109.058
9263.000	12.6	2166.94	*		109.054	109.054	9264.000	12.6	2167.15	*		109.051	109.051
9265.000	12.6	2167.36	*		109.048	109.048	9266.000	12.6	2167.57	*		109.044	109.044
9267.000	12.6	2167.78	*		109.041	109.041	9268.000	12.6	2167.99	*		109.038	109.038
9269.000	12.6	2168.20	*		109.034	109.034	9270.000	12.6	2168.41	*		109.031	109.031
9271.000	12.6	2168.62	*		109.028	109.028	9272.000	12.6	2168.83	*		109.024	109.024
9273.000	12.6	2169.04	*		109.021	109.021	9274.000	12.6	2169.25	*		109.017	109.017
9275.000	12.6	2169.46	*		109.014	109.014	9276.000	12.6	2169.67	*		109.011	109.011
9277.000	12.6	2169.88	*		109.007	109.007	9278.000	12.6	2170.09	*		109.004	109.004
9279.000	12.6	2170.30	*		109.001	109.001	9280.000	12.6	2170.52	*		108.997	108.997
9281.000	12.6	2170.73	*		108.994	108.994	9282.000	12.6	2170.94	*		108.990	108.990

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
9283.000	12.6	2171.15	* 108.987	* 108.987	9284.000	12.6	2171.36	* 108.983	* 108.983
9285.000	12.6	2171.57	* 108.980	* 108.980	9286.000	12.6	2171.78	* 108.976	* 108.976
9287.000	12.6	2171.99	* 108.973	* 108.973	9288.000	12.6	2172.20	* 108.970	* 108.970
9289.000	12.6	2172.41	* 108.966	* 108.966	9290.000	12.6	2172.62	* 108.963	* 108.963
9291.000	12.6	2172.83	* 108.959	* 108.959	9292.000	12.6	2173.04	* 108.956	* 108.956
9293.000	12.6	2173.25	* 108.952	* 108.952	9294.000	12.6	2173.46	* 108.949	* 108.949
9295.000	12.6	2173.67	* 108.945	* 108.945	9296.000	12.6	2173.88	* 108.942	* 108.942
9297.000	12.6	2174.09	* 108.938	* 108.938	9298.000	12.6	2174.30	* 108.935	* 108.935
9299.000	12.6	2174.51	* 108.931	* 108.931	9300.000	12.6	2174.72	* 108.927	* 108.927
9301.000	12.6	2174.93	* 108.924	* 108.924	9302.000	12.6	2175.14	* 108.920	* 108.920
9303.000	12.6	2175.35	* 108.917	* 108.917	9304.000	12.6	2175.56	* 108.913	* 108.913
9305.000	12.6	2175.77	* 108.910	* 108.910	9306.000	12.6	2175.98	* 108.906	* 108.906
9307.000	12.6	2176.19	* 108.903	* 108.903	9308.000	12.6	2176.40	* 108.899	* 108.899
9309.000	12.6	2176.61	* 108.895	* 108.895	9310.000	12.6	2176.82	* 108.892	* 108.892
9311.000	12.6	2177.03	* 108.888	* 108.888	9312.000	12.6	2177.24	* 108.885	* 108.885
9313.000	12.6	2177.45	* 108.881	* 108.881	9314.000	12.6	2177.66	* 108.877	* 108.877
9315.000	12.6	2177.88	* 108.874	* 108.874	9316.000	12.6	2178.09	* 108.870	* 108.870
9317.000	12.6	2178.30	* 108.866	* 108.866	9318.000	12.6	2178.51	* 108.863	* 108.863
9319.000	12.6	2178.72	* 108.859	* 108.859	9320.000	12.6	2178.93	* 108.855	* 108.855
9321.000	12.6	2179.14	* 108.852	* 108.852	9322.000	12.6	2179.35	* 108.848	* 108.848
9323.000	12.6	2179.56	* 108.844	* 108.844	9324.000	12.6	2179.77	* 108.841	* 108.841
9325.000	12.6	2179.98	* 108.837	* 108.837	9326.000	12.6	2180.19	* 108.833	* 108.833
9327.000	12.6	2180.40	* 108.830	* 108.830	9328.000	12.6	2180.61	* 108.826	* 108.826
9329.000	12.6	2180.82	* 108.822	* 108.822	9330.000	12.6	2181.03	* 108.818	* 108.818
9331.000	12.6	2181.24	* 108.815	* 108.815	9332.000	12.6	2181.45	* 108.811	* 108.811
9333.000	12.6	2181.66	* 108.807	* 108.807	9334.000	12.6	2181.87	* 108.803	* 108.803
9335.000	12.6	2182.08	* 108.800	* 108.800	9336.000	12.6	2182.29	* 108.796	* 108.796
9337.000	12.6	2182.50	* 108.792	* 108.792	9338.000	12.6	2182.71	* 108.788	* 108.788
9339.000	12.6	2182.92	* 108.784	* 108.784	9340.000	12.6	2183.13	* 108.781	* 108.781
9341.000	12.6	2183.34	* 108.777	* 108.777	9342.000	12.6	2183.55	* 108.773	* 108.773
9343.000	12.6	2183.76	* 108.769	* 108.769	9344.000	12.6	2183.97	* 108.765	* 108.765
9345.000	12.6	2184.18	* 108.761	* 108.761	9346.000	12.6	2184.39	* 108.758	* 108.758
9347.000	12.6	2184.60	* 108.754	* 108.754	9348.000	12.6	2184.81	* 108.750	* 108.750
9349.000	12.6	2185.02	* 108.746	* 108.746	9350.000	12.6	2185.23	* 108.742	* 108.742
9351.000	12.6	2185.45	* 108.738	* 108.738	9352.000	12.6	2185.66	* 108.734	* 108.734
9353.000	12.6	2185.87	* 108.731	* 108.731	9354.000	12.6	2186.08	* 108.727	* 108.727

Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

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DIV I Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
9355.000	12.6	2186.29	* 108.723	* 108.723	9356.000	12.6	2186.50	* 108.719	* 108.719
9357.000	12.6	2186.71	* 108.715	* 108.715	9358.000	12.6	2186.92	* 108.711	* 108.711
9359.000	12.6	2187.13	* 108.707	* 108.707	9360.000	12.6	2187.34	* 108.703	* 108.703
9361.000	12.6	2187.55	* 108.699	* 108.699	9362.000	12.6	2187.76	* 108.695	* 108.695
9363.000	12.6	2187.97	* 108.691	* 108.691	9363.333	0.0	2188.04	* 108.690	119.654

\* This voltage result was obtained using extrapolated battery data.

Project: Clinton Flex Study  
Location: KCI  
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Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

Bus Voltage Tabulation During Battery Discharge

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
0.000	119.654	112.674	0.017	112.674	114.136	1.000	114.139	114.228	2.000	114.231	114.231
3.000	114.234	114.234	4.000	114.237	114.237	5.000	114.239	114.239	6.000	114.243	114.243
7.000	114.248	114.248	8.000	114.252	114.252	9.000	114.257	114.257	10.000	114.261	114.261
11.000	114.266	114.266	12.000	114.271	114.271	13.000	114.275	114.275	14.000	114.280	114.280
15.000	114.285	114.285	16.000	114.290	114.290	17.000	114.294	114.294	18.000	114.299	114.299
19.000	114.304	114.304	20.000	114.309	114.309	21.000	114.314	114.314	22.000	114.319	114.319
23.000	114.324	114.324	24.000	114.329	114.329	25.000	114.334	114.334	26.000	114.339	114.339
27.000	114.344	114.344	28.000	114.349	114.349	29.000	114.355	114.355	30.000	114.360	114.360
31.000	114.365	114.365	32.000	114.370	114.370	33.000	114.376	114.376	34.000	114.381	114.381
35.000	114.387	114.387	36.000	114.392	114.392	37.000	114.398	114.398	38.000	114.403	114.403
39.000	114.409	114.409	40.000	114.414	114.414	41.000	114.420	114.420	42.000	114.426	114.426
43.000	114.431	114.431	44.000	114.437	114.437	45.000	114.443	114.443	46.000	114.449	114.449
47.000	114.455	114.455	48.000	114.461	114.461	49.000	114.467	114.467	50.000	114.473	114.473
51.000	114.479	114.479	52.000	114.485	114.485	53.000	114.491	114.491	54.000	114.497	114.497
55.000	114.503	114.503	56.000	114.510	114.510	57.000	114.516	114.516	58.000	114.522	114.522
59.000	114.529	114.529	60.000	114.535	115.431	61.000	115.433	115.433	62.000	115.434	115.434
63.000	115.435	115.435	64.000	115.436	115.436	65.000	115.438	115.438	66.000	115.439	115.439
67.000	115.440	115.440	68.000	115.441	115.441	69.000	115.443	115.443	70.000	115.444	115.444
71.000	115.445	115.445	72.000	115.447	115.447	73.000	115.448	115.448	74.000	115.449	115.449
75.000	115.450	115.450	76.000	115.452	115.452	77.000	115.453	115.453	78.000	115.454	115.454
79.000	115.456	115.456	80.000	115.457	115.457	81.000	115.458	115.458	82.000	115.459	115.459
83.000	115.461	115.461	84.000	115.462	115.462	85.000	115.463	115.463	86.000	115.464	115.464
87.000	115.465	115.465	88.000	115.466	115.466	89.000	115.466	115.466	90.000	115.467	115.467
91.000	115.467	115.467	92.000	115.468	115.468	93.000	115.469	115.469	94.000	115.469	115.469
95.000	115.470	115.470	96.000	115.470	115.470	97.000	115.471	115.471	98.000	115.472	115.472
99.000	115.472	115.472	100.000	115.473	115.473	101.000	115.473	115.473	102.000	115.474	115.474
103.000	115.475	115.475	104.000	115.475	115.475	105.000	115.476	115.476	106.000	115.476	115.476
107.000	115.477	115.477	108.000	115.478	115.478	109.000	115.478	115.478	110.000	115.479	115.479
111.000	115.479	115.479	112.000	115.480	115.480	113.000	115.481	115.481	114.000	115.481	115.481
115.000	115.482	115.482	116.000	115.483	115.483	117.000	115.483	115.483	118.000	115.484	115.484
119.000	115.484	115.484	120.000	115.485	115.485	121.000	115.486	115.486	122.000	115.486	115.486
123.000	115.487	115.487	124.000	115.487	115.487	125.000	115.488	115.488	126.000	115.489	115.489
127.000	115.489	115.489	128.000	115.490	115.490	129.000	115.491	115.491	130.000	115.491	115.491
131.000	115.492	115.492	132.000	115.492	115.492	133.000	115.493	115.493	134.000	115.494	115.494

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
135.000	115.494	115.494	136.000	115.495	115.495	137.000	115.495	115.495	138.000	115.496	115.496
139.000	115.497	115.497	140.000	115.497	115.497	141.000	115.498	115.498	142.000	115.499	115.499
143.000	115.499	115.499	144.000	115.500	115.500	145.000	115.500	115.500	146.000	115.501	115.501
147.000	115.502	115.502	148.000	115.502	115.502	149.000	115.503	115.503	150.000	115.504	115.504
151.000	115.504	115.504	152.000	115.505	115.505	153.000	115.505	115.505	154.000	115.506	115.506
155.000	115.507	115.507	156.000	115.507	115.507	157.000	115.508	115.508	158.000	115.508	115.508
159.000	115.508	115.508	160.000	115.508	115.508	161.000	115.507	115.507	162.000	115.507	115.507
163.000	115.507	115.507	164.000	115.507	115.507	165.000	115.507	115.507	166.000	115.507	115.507
167.000	115.507	115.507	168.000	115.507	115.507	169.000	115.507	115.507	170.000	115.507	115.507
171.000	115.507	115.507	172.000	115.507	115.507	173.000	115.507	115.507	174.000	115.507	115.507
175.000	115.507	115.507	176.000	115.507	115.507	177.000	115.507	115.507	178.000	115.507	115.507
179.000	115.507	115.507	180.000	115.507	115.507	181.000	115.507	115.507	182.000	115.507	115.507
183.000	115.507	115.507	184.000	115.506	115.506	185.000	115.506	115.506	186.000	115.506	115.506
187.000	115.506	115.506	188.000	115.506	115.506	189.000	115.506	115.506	190.000	115.506	115.506
191.000	115.506	115.506	192.000	115.506	115.506	193.000	115.506	115.506	194.000	115.506	115.506
195.000	115.506	115.506	196.000	115.506	115.506	197.000	115.506	115.506	198.000	115.506	115.506
199.000	115.506	115.506	200.000	115.506	115.506	201.000	115.506	115.506	202.000	115.506	115.506
203.000	115.506	115.506	204.000	115.506	115.506	205.000	115.506	115.506	206.000	115.506	115.506
207.000	115.505	115.505	208.000	115.505	115.505	209.000	115.505	115.505	210.000	115.505	115.505
211.000	115.505	115.505	212.000	115.505	115.505	213.000	115.505	115.505	214.000	115.505	115.505
215.000	115.505	115.505	216.000	115.505	115.505	217.000	115.505	115.505	218.000	115.505	115.505
219.000	115.505	115.505	220.000	115.505	115.505	221.000	115.505	115.505	222.000	115.505	115.505
223.000	115.505	115.505	224.000	115.505	115.505	225.000	115.505	115.505	226.000	115.505	115.505
227.000	115.505	115.505	228.000	115.505	115.505	229.000	115.505	115.505	230.000	115.504	115.504
231.000	115.504	115.504	232.000	115.504	115.504	233.000	115.504	115.504	234.000	115.504	115.504
235.000	115.504	115.504	236.000	115.504	115.504	237.000	115.504	115.504	238.000	115.504	115.504
239.000	115.504	115.504	240.000	115.504	115.504	241.000	115.504	115.504	242.000	115.504	115.504
243.000	115.504	115.504	244.000	115.504	115.504	245.000	115.504	115.504	246.000	115.504	115.504
247.000	115.504	115.504	248.000	115.504	115.504	249.000	115.504	115.504	250.000	115.504	115.504
251.000	115.504	115.504	252.000	115.504	115.504	253.000	115.503	115.503	254.000	115.503	115.503
255.000	115.503	115.503	256.000	115.503	115.503	257.000	115.503	115.503	258.000	115.503	115.503
259.000	115.503	115.503	260.000	115.503	115.503	261.000	115.503	115.503	262.000	115.503	115.503
263.000	115.503	115.503	264.000	115.503	115.503	265.000	115.503	115.503	266.000	115.503	115.503
267.000	115.503	115.503	268.000	115.503	115.503	269.000	115.503	115.503	270.000	115.503	115.503
271.000	115.503	115.503	272.000	115.503	115.503	273.000	115.503	115.503	274.000	115.503	115.503
275.000	115.503	115.503	276.000	115.502	115.502	277.000	115.502	115.502	278.000	115.502	115.502
279.000	115.502	115.502	280.000	115.502	115.502	281.000	115.502	115.502	282.000	115.502	115.502

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
283.000	115.502	115.502	284.000	115.502	115.502	285.000	115.502	115.502	286.000	115.502	115.502
287.000	115.502	115.502	288.000	115.502	115.502	289.000	115.502	115.502	290.000	115.502	115.502
291.000	115.502	115.502	292.000	115.502	115.502	293.000	115.502	115.502	294.000	115.502	115.502
295.000	115.502	115.502	296.000	115.502	115.502	297.000	115.502	115.502	298.000	115.501	115.501
299.000	115.501	115.501	300.000	115.501	115.501	301.000	115.501	115.501	302.000	115.501	115.501
303.000	115.501	115.501	304.000	115.501	115.501	305.000	115.501	115.501	306.000	115.501	115.501
307.000	115.501	115.501	308.000	115.501	115.501	309.000	115.501	115.501	310.000	115.501	115.501
311.000	115.501	115.501	312.000	115.501	115.501	313.000	115.501	115.501	314.000	115.501	115.501
315.000	115.501	115.501	316.000	115.501	115.501	317.000	115.501	115.501	318.000	115.501	115.501
319.000	115.501	115.501	320.000	115.501	115.501	321.000	115.500	115.500	322.000	115.500	115.500
323.000	115.500	115.500	324.000	115.500	115.500	325.000	115.500	115.500	326.000	115.500	115.500
327.000	115.500	115.500	328.000	115.500	115.500	329.000	115.500	115.500	330.000	115.500	115.500
331.000	115.500	115.500	332.000	115.500	115.500	333.000	115.500	115.500	334.000	115.500	115.500
335.000	115.500	115.500	336.000	115.500	115.500	337.000	115.500	115.500	338.000	115.500	115.500
339.000	115.500	115.500	340.000	115.500	115.500	341.000	115.500	115.500	342.000	115.500	115.500
343.000	115.499	115.499	344.000	115.499	115.499	345.000	115.499	115.499	346.000	115.499	115.499
347.000	115.499	115.499	348.000	115.499	115.499	349.000	115.499	115.499	350.000	115.499	115.499
351.000	115.499	115.499	352.000	115.499	115.499	353.000	115.499	115.499	354.000	115.499	115.499
355.000	115.499	115.499	356.000	115.499	115.499	357.000	115.499	115.499	358.000	115.499	115.499
359.000	115.499	115.499	360.000	115.499	115.499	361.000	115.499	115.499	362.000	115.499	115.499
363.000	115.499	115.499	364.000	115.499	115.499	365.000	115.499	115.499	366.000	115.498	115.498
367.000	115.498	115.498	368.000	115.498	115.498	369.000	115.498	115.498	370.000	115.498	115.498
371.000	115.498	115.498	372.000	115.498	115.498	373.000	115.498	115.498	374.000	115.498	115.498
375.000	115.498	115.498	376.000	115.498	115.498	377.000	115.498	115.498	378.000	115.498	115.498
379.000	115.498	115.498	380.000	115.498	115.498	381.000	115.498	115.498	382.000	115.498	115.498
383.000	115.498	115.498	384.000	115.498	115.498	385.000	115.498	115.498	386.000	115.498	115.498
387.000	115.498	115.498	388.000	115.497	115.497	389.000	115.497	115.497	390.000	115.497	115.497
391.000	115.497	115.497	392.000	115.497	115.497	393.000	115.497	115.497	394.000	115.497	115.497
395.000	115.497	115.497	396.000	115.497	115.497	397.000	115.497	115.497	398.000	115.497	115.497
399.000	115.497	115.497	400.000	115.497	115.497	401.000	115.497	115.497	402.000	115.497	115.497
403.000	115.497	115.497	404.000	115.497	115.497	405.000	115.497	115.497	406.000	115.497	115.497
407.000	115.497	115.497	408.000	115.497	115.497	409.000	115.497	115.497	410.000	115.496	115.496
411.000	115.496	115.496	412.000	115.496	115.496	413.000	115.496	115.496	414.000	115.496	115.496
415.000	115.496	115.496	416.000	115.496	115.496	417.000	115.496	115.496	418.000	115.496	115.496
419.000	115.496	115.496	420.000	115.496	115.496	421.000	115.496	115.496	422.000	115.496	115.496
423.000	115.496	115.496	424.000	115.496	115.496	425.000	115.496	115.496	426.000	115.496	115.496
427.000	115.496	115.496	428.000	115.496	115.496	429.000	115.496	115.496	430.000	115.496	115.496

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
431.000	115.496	115.496	432.000	115.495	115.495	433.000	115.495	115.495	434.000	115.495	115.495
435.000	115.495	115.495	436.000	115.495	115.495	437.000	115.495	115.495	438.000	115.495	115.495
439.000	115.495	115.495	440.000	115.495	115.495	441.000	115.495	115.495	442.000	115.495	115.495
443.000	115.495	115.495	444.000	115.495	115.495	445.000	115.495	115.495	446.000	115.495	115.495
447.000	115.495	115.495	448.000	115.495	115.495	449.000	115.495	115.495	450.000	115.495	115.495
451.000	115.495	115.495	452.000	115.495	115.495	453.000	115.495	115.495	454.000	115.494	115.494
455.000	115.494	115.494	456.000	115.494	115.494	457.000	115.494	115.494	458.000	115.494	115.494
459.000	115.494	115.494	460.000	115.494	115.494	461.000	115.494	115.494	462.000	115.494	115.494
463.000	115.494	115.494	464.000	115.494	115.494	465.000	115.494	115.494	466.000	115.494	115.494
467.000	115.494	115.494	468.000	115.494	115.494	469.000	115.494	115.494	470.000	115.494	115.494
471.000	115.494	115.494	472.000	115.494	115.494	473.000	115.494	115.494	474.000	115.494	115.494
475.000	115.494	115.494	476.000	115.493	115.493	477.000	115.493	115.493	478.000	115.493	115.493
479.000	115.493	115.493	480.000	115.493	115.493	481.000	115.493	115.493	482.000	115.493	115.493
483.000	115.493	115.493	484.000	115.493	115.493	485.000	115.493	115.493	486.000	115.493	115.493
487.000	115.493	115.493	488.000	115.493	115.493	489.000	115.493	115.493	490.000	115.493	115.493
491.000	115.493	115.493	492.000	115.493	115.493	493.000	115.493	115.493	494.000	115.493	115.493
495.000	115.493	115.493	496.000	115.493	115.493	497.000	115.493	115.493	498.000	115.492	115.492
499.000	115.492	115.492	500.000	115.492	115.492	501.000	115.492	115.492	502.000	115.492	115.492
503.000	115.492	115.492	504.000	115.492	115.492	505.000	115.492	115.492	506.000	115.492	115.492
507.000	115.492	115.492	508.000	115.492	115.492	509.000	115.492	115.492	510.000	115.492	115.492
511.000	115.492	115.492	512.000	115.492	115.492	513.000	115.492	115.492	514.000	115.492	115.492
515.000	115.492	115.492	516.000	115.492	115.492	517.000	115.492	115.492	518.000	115.492	115.492
519.000	115.492	115.492	520.000	115.491	115.491	521.000	115.491	115.491	522.000	115.491	115.491
523.000	115.491	115.491	524.000	115.491	115.491	525.000	115.491	115.491	526.000	115.491	115.491
527.000	115.491	115.491	528.000	115.491	115.491	529.000	115.491	115.491	530.000	115.491	115.491
531.000	115.491	115.491	532.000	115.491	115.491	533.000	115.491	115.491	534.000	115.491	115.491
535.000	115.491	115.491	536.000	115.491	115.491	537.000	115.491	115.491	538.000	115.491	115.491
539.000	115.491	115.491	540.000	115.491	115.491	541.000	115.490	115.490	542.000	115.490	115.490
543.000	115.490	115.490	544.000	115.490	115.490	545.000	115.490	115.490	546.000	115.490	115.490
547.000	115.490	115.490	548.000	115.490	115.490	549.000	115.490	115.490	550.000	115.490	115.490
551.000	115.490	115.490	552.000	115.490	115.490	553.000	115.490	115.490	554.000	115.490	115.490
555.000	115.490	115.490	556.000	115.490	115.490	557.000	115.490	115.490	558.000	115.490	115.490
559.000	115.490	115.490	560.000	115.490	115.490	561.000	115.490	115.490	562.000	115.490	115.490
563.000	115.489	115.489	564.000	115.489	115.489	565.000	115.489	115.489	566.000	115.489	115.489
567.000	115.489	115.489	568.000	115.489	115.489	569.000	115.489	115.489	570.000	115.489	115.489
571.000	115.489	115.489	572.000	115.489	115.489	573.000	115.489	115.489	574.000	115.489	115.489
575.000	115.489	115.489	576.000	115.489	115.489	577.000	115.489	115.489	578.000	115.489	115.489

Project: Clinton Flex Study  
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Contract:  
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Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
579.000	115.489	115.489	580.000	115.489	115.489	581.000	115.489	115.489	582.000	115.489	115.489
583.000	115.489	115.489	584.000	115.489	115.489	585.000	115.488	115.488	586.000	115.488	115.488
587.000	115.488	115.488	588.000	115.488	115.488	589.000	115.488	115.488	590.000	115.488	115.488
591.000	115.488	115.488	592.000	115.488	115.488	593.000	115.488	115.488	594.000	115.488	115.488
595.000	115.488	115.488	596.000	115.488	115.488	597.000	115.488	115.488	598.000	115.488	115.488
599.000	115.488	115.488	600.000	115.488	115.488	601.000	115.488	115.488	602.000	115.488	115.488
603.000	115.488	115.488	604.000	115.488	115.488	605.000	115.488	115.488	606.000	115.487	115.487
607.000	115.487	115.487	608.000	115.487	115.487	609.000	115.487	115.487	610.000	115.487	115.487
611.000	115.487	115.487	612.000	115.487	115.487	613.000	115.487	115.487	614.000	115.487	115.487
615.000	115.487	115.487	616.000	115.487	115.487	617.000	115.487	115.487	618.000	115.487	115.487
619.000	115.487	115.487	620.000	115.487	115.487	621.000	115.487	115.487	622.000	115.487	115.487
623.000	115.487	115.487	624.000	115.487	115.487	625.000	115.487	115.487	626.000	115.487	115.487
627.000	115.487	115.487	628.000	115.486	115.486	629.000	115.486	115.486	630.000	115.486	115.486
631.000	115.486	115.486	632.000	115.486	115.486	633.000	115.486	115.486	634.000	115.486	115.486
635.000	115.486	115.486	636.000	115.486	115.486	637.000	115.486	115.486	638.000	115.486	115.486
639.000	115.486	115.486	640.000	115.486	115.486	641.000	115.486	115.486	642.000	115.486	115.486
643.000	115.486	115.486	644.000	115.486	115.486	645.000	115.486	115.486	646.000	115.486	115.486
647.000	115.486	115.486	648.000	115.486	115.486	649.000	115.485	115.485	650.000	115.485	115.485
651.000	115.485	115.485	652.000	115.485	115.485	653.000	115.485	115.485	654.000	115.485	115.485
655.000	115.485	115.485	656.000	115.485	115.485	657.000	115.485	115.485	658.000	115.485	115.485
659.000	115.485	115.485	660.000	115.485	115.485	661.000	115.485	115.485	662.000	115.485	115.485
663.000	115.485	115.485	664.000	115.485	115.485	665.000	115.485	115.485	666.000	115.485	115.485
667.000	115.485	115.485	668.000	115.485	115.485	669.000	115.485	115.485	670.000	115.484	115.484
671.000	115.484	115.484	672.000	115.484	115.484	673.000	115.484	115.484	674.000	115.484	115.484
675.000	115.484	115.484	676.000	115.484	115.484	677.000	115.484	115.484	678.000	115.484	115.484
679.000	115.484	115.484	680.000	115.484	115.484	681.000	115.484	115.484	682.000	115.484	115.484
683.000	115.484	115.484	684.000	115.484	115.484	685.000	115.484	115.484	686.000	115.484	115.484
687.000	115.484	115.484	688.000	115.484	115.484	689.000	115.484	115.484	690.000	115.484	115.484
691.000	115.483	115.483	692.000	115.483	115.483	693.000	115.483	115.483	694.000	115.483	115.483
695.000	115.483	115.483	696.000	115.483	115.483	697.000	115.483	115.483	698.000	115.483	115.483
699.000	115.483	115.483	700.000	115.483	115.483	701.000	115.483	115.483	702.000	115.483	115.483
703.000	115.483	115.483	704.000	115.483	115.483	705.000	115.483	115.483	706.000	115.483	115.483
707.000	115.483	115.483	708.000	115.483	115.483	709.000	115.483	115.483	710.000	115.483	115.483
711.000	115.483	115.483	712.000	115.482	115.482	713.000	115.482	115.482	714.000	115.482	115.482
715.000	115.482	115.482	716.000	115.482	115.482	717.000	115.482	115.482	718.000	115.482	115.482
719.000	115.482	115.482	720.000	115.482	115.482	721.000	115.482	115.482	722.000	115.482	115.482
723.000	115.482	115.482	724.000	115.482	115.482	725.000	115.482	115.482	726.000	115.482	115.482

Project: Clinton Flex Study  
Location: KCI  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
727.000	115.482	115.482	728.000	115.482	115.482	729.000	115.482	115.482	730.000	115.482	115.482
731.000	115.482	115.482	732.000	115.482	115.482	733.000	115.481	115.481	734.000	115.481	115.481
735.000	115.481	115.481	736.000	115.481	115.481	737.000	115.481	115.481	738.000	115.481	115.481
739.000	115.481	115.481	740.000	115.481	115.481	741.000	115.481	115.481	742.000	115.481	115.481
743.000	115.481	115.481	744.000	115.481	115.481	745.000	115.481	115.481	746.000	115.481	115.481
747.000	115.481	115.481	748.000	115.481	115.481	749.000	115.481	115.481	750.000	115.481	115.481
751.000	115.481	115.481	752.000	115.481	115.481	753.000	115.481	115.481	754.000	115.480	115.480
755.000	115.480	115.480	756.000	115.480	115.480	757.000	115.480	115.480	758.000	115.480	115.480
759.000	115.480	115.480	760.000	115.480	115.480	761.000	115.480	115.480	762.000	115.480	115.480
763.000	115.480	115.480	764.000	115.480	115.480	765.000	115.480	115.480	766.000	115.480	115.480
767.000	115.480	115.480	768.000	115.480	115.480	769.000	115.480	115.480	770.000	115.480	115.480
771.000	115.480	115.480	772.000	115.480	115.480	773.000	115.480	115.480	774.000	115.480	115.480
775.000	115.479	115.479	776.000	115.479	115.479	777.000	115.479	115.479	778.000	115.479	115.479
779.000	115.479	115.479	780.000	115.479	115.479	781.000	115.479	115.479	782.000	115.479	115.479
783.000	115.479	115.479	784.000	115.479	115.479	785.000	115.479	115.479	786.000	115.479	115.479
787.000	115.479	115.479	788.000	115.479	115.479	789.000	115.479	115.479	790.000	115.479	115.479
791.000	115.479	115.479	792.000	115.479	115.479	793.000	115.479	115.479	794.000	115.479	115.479
795.000	115.479	115.479	796.000	115.478	115.478	797.000	115.478	115.478	798.000	115.478	115.478
799.000	115.478	115.478	800.000	115.478	115.478	801.000	115.478	115.478	802.000	115.478	115.478
803.000	115.478	115.478	804.000	115.478	115.478	805.000	115.478	115.478	806.000	115.478	115.478
807.000	115.478	115.478	808.000	115.478	115.478	809.000	115.478	115.478	810.000	115.478	115.478
811.000	115.478	115.478	812.000	115.478	115.478	813.000	115.478	115.478	814.000	115.478	115.478
815.000	115.478	115.478	816.000	115.477	115.477	817.000	115.477	115.477	818.000	115.477	115.477
819.000	115.477	115.477	820.000	115.477	115.477	821.000	115.477	115.477	822.000	115.477	115.477
823.000	115.477	115.477	824.000	115.477	115.477	825.000	115.477	115.477	826.000	115.477	115.477
827.000	115.477	115.477	828.000	115.477	115.477	829.000	115.477	115.477	830.000	115.477	115.477
831.000	115.477	115.477	832.000	115.477	115.477	833.000	115.477	115.477	834.000	115.477	115.477
835.000	115.477	115.477	836.000	115.477	115.477	837.000	115.476	115.476	838.000	115.476	115.476
839.000	115.476	115.476	840.000	115.476	115.476	841.000	115.476	115.476	842.000	115.476	115.476
843.000	115.476	115.476	844.000	115.476	115.476	845.000	115.476	115.476	846.000	115.476	115.476
847.000	115.476	115.476	848.000	115.476	115.476	849.000	115.476	115.476	850.000	115.476	115.476
851.000	115.476	115.476	852.000	115.476	115.476	853.000	115.476	115.476	854.000	115.476	115.476
855.000	115.476	115.476	856.000	115.476	115.476	857.000	115.475	115.475	858.000	115.475	115.475
859.000	115.475	115.475	860.000	115.475	115.475	861.000	115.475	115.475	862.000	115.475	115.475
863.000	115.475	115.475	864.000	115.475	115.475	865.000	115.475	115.475	866.000	115.475	115.475
867.000	115.475	115.475	868.000	115.475	115.475	869.000	115.475	115.475	870.000	115.475	115.475
871.000	115.475	115.475	872.000	115.475	115.475	873.000	115.475	115.475	874.000	115.475	115.475

Project: Clinton Flex Study  
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Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
875.000	115.475	115.475	876.000	115.475	115.475	877.000	115.475	115.475	878.000	115.474	115.474
879.000	115.474	115.474	880.000	115.474	115.474	881.000	115.474	115.474	882.000	115.474	115.474
883.000	115.474	115.474	884.000	115.474	115.474	885.000	115.474	115.474	886.000	115.474	115.474
887.000	115.474	115.474	888.000	115.474	115.474	889.000	115.474	115.474	890.000	115.474	115.474
891.000	115.474	115.474	892.000	115.474	115.474	893.000	115.474	115.474	894.000	115.474	115.474
895.000	115.474	115.474	896.000	115.474	115.474	897.000	115.474	115.474	898.000	115.473	115.473
899.000	115.473	115.473	900.000	115.473	115.473	901.000	115.473	115.473	902.000	115.473	115.473
903.000	115.473	115.473	904.000	115.473	115.473	905.000	115.473	115.473	906.000	115.473	115.473
907.000	115.473	115.473	908.000	115.473	115.473	909.000	115.473	115.473	910.000	115.473	115.473
911.000	115.473	115.473	912.000	115.473	115.473	913.000	115.473	115.473	914.000	115.473	115.473
915.000	115.473	115.473	916.000	115.473	115.473	917.000	115.473	115.473	918.000	115.473	115.473
919.000	115.472	115.472	920.000	115.472	115.472	921.000	115.472	115.472	922.000	115.472	115.472
923.000	115.472	115.472	924.000	115.472	115.472	925.000	115.472	115.472	926.000	115.472	115.472
927.000	115.472	115.472	928.000	115.472	115.472	929.000	115.472	115.472	930.000	115.472	115.472
931.000	115.472	115.472	932.000	115.472	115.472	933.000	115.472	115.472	934.000	115.472	115.472
935.000	115.472	115.472	936.000	115.472	115.472	937.000	115.472	115.472	938.000	115.472	115.472
939.000	115.471	115.471	940.000	115.471	115.471	941.000	115.471	115.471	942.000	115.471	115.471
943.000	115.471	115.471	944.000	115.471	115.471	945.000	115.471	115.471	946.000	115.471	115.471
947.000	115.471	115.471	948.000	115.471	115.471	949.000	115.471	115.471	950.000	115.471	115.471
951.000	115.471	115.471	952.000	115.471	115.471	953.000	115.471	115.471	954.000	115.471	115.471
955.000	115.471	115.471	956.000	115.471	115.471	957.000	115.471	115.471	958.000	115.471	115.471
959.000	115.470	115.470	960.000	115.470	115.470	961.000	115.470	115.470	962.000	115.470	115.470
963.000	115.470	115.470	964.000	115.470	115.470	965.000	115.470	115.470	966.000	115.470	115.470
967.000	115.470	115.470	968.000	115.470	115.470	969.000	115.470	115.470	970.000	115.470	115.470
971.000	115.470	115.470	972.000	115.470	115.470	973.000	115.470	115.470	974.000	115.470	115.470
975.000	115.470	115.470	976.000	115.470	115.470	977.000	115.470	115.470	978.000	115.470	115.470
979.000	115.469	115.469	980.000	115.469	115.469	981.000	115.469	115.469	982.000	115.469	115.469
983.000	115.469	115.469	984.000	115.469	115.469	985.000	115.469	115.469	986.000	115.469	115.469
987.000	115.469	115.469	988.000	115.469	115.469	989.000	115.469	115.469	990.000	115.469	115.469
991.000	115.469	115.469	992.000	115.469	115.469	993.000	115.469	115.469	994.000	115.469	115.469
995.000	115.469	115.469	996.000	115.469	115.469	997.000	115.469	115.469	998.000	115.469	115.469
999.000	115.468	115.468	1000.000	115.468	115.468	1001.000	115.468	115.468	1002.000	115.468	115.468
1003.000	115.468	115.468	1004.000	115.468	115.468	1005.000	115.468	115.468	1006.000	115.468	115.468
1007.000	115.468	115.468	1008.000	115.468	115.468	1009.000	115.468	115.468	1010.000	115.468	115.468
1011.000	115.468	115.468	1012.000	115.468	115.468	1013.000	115.467	115.467	1014.000	115.466	115.466
1015.000	115.464	115.464	1016.000	115.463	115.463	1017.000	115.462	115.462	1018.000	115.460	115.460
1019.000	115.459	115.459	1020.000	115.457	115.457	1021.000	115.456	115.456	1022.000	115.455	115.455

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1023.000	115.453	115.453	1024.000	115.452	115.452	1025.000	115.451	115.451	1026.000	115.449	115.449
1027.000	115.448	115.448	1028.000	115.446	115.446	1029.000	115.445	115.445	1030.000	115.444	115.444
1031.000	115.442	115.442	1032.000	115.441	115.441	1033.000	115.440	115.440	1034.000	115.438	115.438
1035.000	115.437	115.437	1036.000	115.436	115.436	1037.000	115.434	115.434	1038.000	115.433	115.433
1039.000	115.431	115.431	1040.000	115.430	115.430	1041.000	115.429	115.429	1042.000	115.427	115.427
1043.000	115.426	115.426	1044.000	115.425	115.425	1045.000	115.423	115.423	1046.000	115.422	115.422
1047.000	115.420	115.420	1048.000	115.419	115.419	1049.000	115.418	115.418	1050.000	115.416	115.416
1051.000	115.415	115.415	1052.000	115.414	115.414	1053.000	115.412	115.412	1054.000	115.411	115.411
1055.000	115.410	115.410	1056.000	115.408	115.408	1057.000	115.407	115.407	1058.000	115.405	115.405
1059.000	115.404	115.404	1060.000	115.403	115.403	1061.000	115.401	115.401	1062.000	115.400	115.400
1063.000	115.399	115.399	1064.000	115.397	115.397	1065.000	115.396	115.396	1066.000	115.395	115.395
1067.000	115.393	115.393	1068.000	115.392	115.392	1069.000	115.391	115.391	1070.000	115.389	115.389
1071.000	115.388	115.388	1072.000	115.386	115.386	1073.000	115.385	115.385	1074.000	115.384	115.384
1075.000	115.382	115.382	1076.000	115.381	115.381	1077.000	115.380	115.380	1078.000	115.378	115.378
1079.000	115.377	115.377	1080.000	115.376	115.376	1081.000	115.374	115.374	1082.000	115.373	115.373
1083.000	115.372	115.372	1084.000	115.370	115.370	1085.000	115.369	115.369	1086.000	115.368	115.368
1087.000	115.366	115.366	1088.000	115.365	115.365	1089.000	115.364	115.364	1090.000	115.362	115.362
1091.000	115.361	115.361	1092.000	115.360	115.360	1093.000	115.358	115.358	1094.000	115.357	115.357
1095.000	115.355	115.355	1096.000	115.354	115.354	1097.000	115.353	115.353	1098.000	115.351	115.351
1099.000	115.350	115.350	1100.000	115.349	115.349	1101.000	115.347	115.347	1102.000	115.346	115.346
1103.000	115.345	115.345	1104.000	115.343	115.343	1105.000	115.342	115.342	1106.000	115.341	115.341
1107.000	115.339	115.339	1108.000	115.338	115.338	1109.000	115.337	115.337	1110.000	115.335	115.335
1111.000	115.334	115.334	1112.000	115.333	115.333	1113.000	115.331	115.331	1114.000	115.330	115.330
1115.000	115.329	115.329	1116.000	115.327	115.327	1117.000	115.326	115.326	1118.000	115.325	115.325
1119.000	115.323	115.323	1120.000	115.322	115.322	1121.000	115.321	115.321	1122.000	115.319	115.319
1123.000	115.318	115.318	1124.000	115.317	115.317	1125.000	115.315	115.315	1126.000	115.314	115.314
1127.000	115.313	115.313	1128.000	115.311	115.311	1129.000	115.310	115.310	1130.000	115.309	115.309
1131.000	115.307	115.307	1132.000	115.306	115.306	1133.000	115.305	115.305	1134.000	115.303	115.303
1135.000	115.302	115.302	1136.000	115.301	115.301	1137.000	115.299	115.299	1138.000	115.298	115.298
1139.000	115.297	115.297	1140.000	115.295	115.295	1141.000	115.294	115.294	1142.000	115.293	115.293
1143.000	115.292	115.292	1144.000	115.291	115.291	1145.000	115.290	115.290	1146.000	115.289	115.289
1147.000	115.288	115.288	1148.000	115.287	115.287	1149.000	115.286	115.286	1150.000	115.285	115.285
1151.000	115.284	115.284	1152.000	115.283	115.283	1153.000	115.282	115.282	1154.000	115.281	115.281
1155.000	115.280	115.280	1156.000	115.279	115.279	1157.000	115.278	115.278	1158.000	115.277	115.277
1159.000	115.276	115.276	1160.000	115.275	115.275	1161.000	115.274	115.274	1162.000	115.273	115.273
1163.000	115.272	115.272	1164.000	115.271	115.271	1165.000	115.270	115.270	1166.000	115.269	115.269
1167.000	115.268	115.268	1168.000	115.267	115.267	1169.000	115.266	115.266	1170.000	115.265	115.265

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1171.000	115.264	115.264	1172.000	115.263	115.263	1173.000	115.262	115.262	1174.000	115.261	115.261
1175.000	115.260	115.260	1176.000	115.259	115.259	1177.000	115.258	115.258	1178.000	115.257	115.257
1179.000	115.256	115.256	1180.000	115.256	115.256	1181.000	115.255	115.255	1182.000	115.254	115.254
1183.000	115.253	115.253	1184.000	115.252	115.252	1185.000	115.251	115.251	1186.000	115.250	115.250
1187.000	115.249	115.249	1188.000	115.248	115.248	1189.000	115.247	115.247	1190.000	115.246	115.246
1191.000	115.245	115.245	1192.000	115.244	115.244	1193.000	115.243	115.243	1194.000	115.242	115.242
1195.000	115.241	115.241	1196.000	115.240	115.240	1197.000	115.239	115.239	1198.000	115.238	115.238
1199.000	115.237	115.237	1200.000	115.236	115.236	1201.000	115.235	115.235	1202.000	115.234	115.234
1203.000	115.233	115.233	1204.000	115.232	115.232	1205.000	115.231	115.231	1206.000	115.230	115.230
1207.000	115.229	115.229	1208.000	115.228	115.228	1209.000	115.227	115.227	1210.000	115.226	115.226
1211.000	115.225	115.225	1212.000	115.224	115.224	1213.000	115.223	115.223	1214.000	115.222	115.222
1215.000	115.221	115.221	1216.000	115.220	115.220	1217.000	115.219	115.219	1218.000	115.218	115.218
1219.000	115.217	115.217	1220.000	115.216	115.216	1221.000	115.215	115.215	1222.000	115.214	115.214
1223.000	115.213	115.213	1224.000	115.212	115.212	1225.000	115.211	115.211	1226.000	115.210	115.210
1227.000	115.209	115.209	1228.000	115.208	115.208	1229.000	115.208	115.208	1230.000	115.207	115.207
1231.000	115.206	115.206	1232.000	115.205	115.205	1233.000	115.204	115.204	1234.000	115.203	115.203
1235.000	115.202	115.202	1236.000	115.201	115.201	1237.000	115.200	115.200	1238.000	115.199	115.199
1239.000	115.198	115.198	1240.000	115.197	115.197	1241.000	115.196	115.196	1242.000	115.195	115.195
1243.000	115.194	115.194	1244.000	115.193	115.193	1245.000	115.192	115.192	1246.000	115.191	115.191
1247.000	115.190	115.190	1248.000	115.189	115.189	1249.000	115.188	115.188	1250.000	115.187	115.187
1251.000	115.186	115.186	1252.000	115.185	115.185	1253.000	115.184	115.184	1254.000	115.183	115.183
1255.000	115.182	115.182	1256.000	115.181	115.181	1257.000	115.180	115.180	1258.000	115.179	115.179
1259.000	115.178	115.178	1260.000	115.177	115.177	1261.000	115.176	115.176	1262.000	115.175	115.175
1263.000	115.174	115.174	1264.000	115.173	115.173	1265.000	115.172	115.172	1266.000	115.171	115.171
1267.000	115.170	115.170	1268.000	115.169	115.169	1269.000	115.168	115.168	1270.000	115.167	115.167
1271.000	115.166	115.166	1272.000	115.165	115.165	1273.000	115.164	115.164	1274.000	115.163	115.163
1275.000	115.162	115.162	1276.000	115.161	115.161	1277.000	115.160	115.160	1278.000	115.159	115.159
1279.000	115.159	115.159	1280.000	115.158	115.158	1281.000	115.157	115.157	1282.000	115.156	115.156
1283.000	115.155	115.155	1284.000	115.154	115.154	1285.000	115.153	115.153	1286.000	115.152	115.152
1287.000	115.151	115.151	1288.000	115.150	115.150	1289.000	115.149	115.149	1290.000	115.148	115.148
1291.000	115.147	115.147	1292.000	115.146	115.146	1293.000	115.145	115.145	1294.000	115.144	115.144
1295.000	115.143	115.143	1296.000	115.142	115.142	1297.000	115.141	115.141	1298.000	115.140	115.140
1299.000	115.139	115.139	1300.000	115.138	115.138	1301.000	115.137	115.137	1302.000	115.136	115.136
1303.000	115.135	115.135	1304.000	115.134	115.134	1305.000	115.133	115.133	1306.000	115.132	115.132
1307.000	115.131	115.131	1308.000	115.130	115.130	1309.000	115.129	115.129	1310.000	115.128	115.128
1311.000	115.127	115.127	1312.000	115.126	115.126	1313.000	115.125	115.125	1314.000	115.124	115.124
1315.000	115.123	115.123	1316.000	115.122	115.122	1317.000	115.121	115.121	1318.000	115.120	115.120

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1319.000	115.119	115.119	1320.000	115.118	115.118	1321.000	115.117	115.117	1322.000	115.116	115.116
1323.000	115.115	115.115	1324.000	115.114	115.114	1325.000	115.113	115.113	1326.000	115.112	115.112
1327.000	115.111	115.111	1328.000	115.111	115.111	1329.000	115.110	115.110	1330.000	115.109	115.109
1331.000	115.108	115.108	1332.000	115.107	115.107	1333.000	115.106	115.106	1334.000	115.105	115.105
1335.000	115.104	115.104	1336.000	115.103	115.103	1337.000	115.102	115.102	1338.000	115.101	115.101
1339.000	115.100	115.100	1340.000	115.099	115.099	1341.000	115.098	115.098	1342.000	115.097	115.097
1343.000	115.096	115.096	1344.000	115.095	115.095	1345.000	115.094	115.094	1346.000	115.093	115.093
1347.000	115.092	115.092	1348.000	115.091	115.091	1349.000	115.090	115.090	1350.000	115.089	115.089
1351.000	115.088	115.088	1352.000	115.087	115.087	1353.000	115.086	115.086	1354.000	115.085	115.085
1355.000	115.084	115.084	1356.000	115.083	115.083	1357.000	115.082	115.082	1358.000	115.081	115.081
1359.000	115.080	115.080	1360.000	115.079	115.079	1361.000	115.078	115.078	1362.000	115.077	115.077
1363.000	115.076	115.076	1364.000	115.075	115.075	1365.000	115.074	115.074	1366.000	115.073	115.073
1367.000	115.072	115.072	1368.000	115.071	115.071	1369.000	115.070	115.070	1370.000	115.069	115.069
1371.000	115.068	115.068	1372.000	115.067	115.067	1373.000	115.066	115.066	1374.000	115.065	115.065
1375.000	115.064	115.064	1376.000	115.063	115.063	1377.000	115.063	115.063	1378.000	115.062	115.062
1379.000	115.061	115.061	1380.000	115.060	115.060	1381.000	115.059	115.059	1382.000	115.058	115.058
1383.000	115.057	115.057	1384.000	115.056	115.056	1385.000	115.055	115.055	1386.000	115.054	115.054
1387.000	115.053	115.053	1388.000	115.052	115.052	1389.000	115.051	115.051	1390.000	115.050	115.050
1391.000	115.049	115.049	1392.000	115.048	115.048	1393.000	115.047	115.047	1394.000	115.046	115.046
1395.000	115.045	115.045	1396.000	115.044	115.044	1397.000	115.043	115.043	1398.000	115.042	115.042
1399.000	115.041	115.041	1400.000	115.040	115.040	1401.000	115.039	115.039	1402.000	115.038	115.038
1403.000	115.037	115.037	1404.000	115.036	115.036	1405.000	115.035	115.035	1406.000	115.034	115.034
1407.000	115.033	115.033	1408.000	115.032	115.032	1409.000	115.031	115.031	1410.000	115.030	115.030
1411.000	115.029	115.029	1412.000	115.028	115.028	1413.000	115.027	115.027	1414.000	115.026	115.026
1415.000	115.025	115.025	1416.000	115.024	115.024	1417.000	115.023	115.023	1418.000	115.022	115.022
1419.000	115.021	115.021	1420.000	115.020	115.020	1421.000	115.019	115.019	1422.000	115.018	115.018
1423.000	115.017	115.017	1424.000	115.016	115.016	1425.000	115.015	115.015	1426.000	115.015	115.015
1427.000	115.014	115.014	1428.000	115.013	115.013	1429.000	115.012	115.012	1430.000	115.011	115.011
1431.000	115.010	115.010	1432.000	115.009	115.009	1433.000	115.008	115.008	1434.000	115.007	115.007
1435.000	115.006	115.006	1436.000	115.005	115.005	1437.000	115.004	115.004	1438.000	115.003	115.003
1439.000	115.002	115.002	1440.000	115.001	115.001	1441.000	115.000	115.000	1442.000	114.999	114.999
1443.000	114.998	114.998	1444.000	114.997	114.997	1445.000	114.996	114.996	1446.000	114.995	114.995
1447.000	114.994	114.994	1448.000	114.993	114.993	1449.000	114.992	114.992	1450.000	114.991	114.991
1451.000	114.990	114.990	1452.000	114.989	114.989	1453.000	114.988	114.988	1454.000	114.987	114.987
1455.000	114.986	114.986	1456.000	114.985	114.985	1457.000	114.984	114.984	1458.000	114.983	114.983
1459.000	114.982	114.982	1460.000	114.981	114.981	1461.000	114.980	114.980	1462.000	114.979	114.979
1463.000	114.978	114.978	1464.000	114.977	114.977	1465.000	114.976	114.976	1466.000	114.975	114.975

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1467.000	114.974	114.974	1468.000	114.973	114.973	1469.000	114.972	114.972	1470.000	114.971	114.971
1471.000	114.970	114.970	1472.000	114.969	114.969	1473.000	114.968	114.968	1474.000	114.968	114.968
1475.000	114.966	114.966	1476.000	114.964	114.964	1477.000	114.962	114.962	1478.000	114.960	114.960
1479.000	114.958	114.958	1480.000	114.956	114.956	1481.000	114.954	114.954	1482.000	114.952	114.952
1483.000	114.949	114.949	1484.000	114.947	114.947	1485.000	114.945	114.945	1486.000	114.943	114.943
1487.000	114.941	114.941	1488.000	114.939	114.939	1489.000	114.937	114.937	1490.000	114.935	114.935
1491.000	114.933	114.933	1492.000	114.931	114.931	1493.000	114.929	114.929	1494.000	114.927	114.927
1495.000	114.924	114.924	1496.000	114.922	114.922	1497.000	114.920	114.920	1498.000	114.918	114.918
1499.000	114.916	114.916	1500.000	114.914	114.914	1501.000	114.912	114.912	1502.000	114.910	114.910
1503.000	114.908	114.908	1504.000	114.906	114.906	1505.000	114.904	114.904	1506.000	114.902	114.902
1507.000	114.900	114.900	1508.000	114.897	114.897	1509.000	114.895	114.895	1510.000	114.893	114.893
1511.000	114.891	114.891	1512.000	114.889	114.889	1513.000	114.887	114.887	1514.000	114.885	114.885
1515.000	114.883	114.883	1516.000	114.881	114.881	1517.000	114.879	114.879	1518.000	114.877	114.877
1519.000	114.875	114.875	1520.000	114.873	114.873	1521.000	114.871	114.871	1522.000	114.869	114.869
1523.000	114.867	114.867	1524.000	114.864	114.864	1525.000	114.862	114.862	1526.000	114.860	114.860
1527.000	114.858	114.858	1528.000	114.856	114.856	1529.000	114.854	114.854	1530.000	114.852	114.852
1531.000	114.850	114.850	1532.000	114.848	114.848	1533.000	114.846	114.846	1534.000	114.844	114.844
1535.000	114.842	114.842	1536.000	114.840	114.840	1537.000	114.838	114.838	1538.000	114.836	114.836
1539.000	114.834	114.834	1540.000	114.832	114.832	1541.000	114.830	114.830	1542.000	114.828	114.828
1543.000	114.826	114.826	1544.000	114.824	114.824	1545.000	114.822	114.822	1546.000	114.820	114.820
1547.000	114.818	114.818	1548.000	114.815	114.815	1549.000	114.813	114.813	1550.000	114.811	114.811
1551.000	114.809	114.809	1552.000	114.807	114.807	1553.000	114.805	114.805	1554.000	114.803	114.803
1555.000	114.801	114.801	1556.000	114.799	114.799	1557.000	114.797	114.797	1558.000	114.795	114.795
1559.000	114.793	114.793	1560.000	114.791	114.791	1561.000	114.789	114.789	1562.000	114.787	114.787
1563.000	114.785	114.785	1564.000	114.783	114.783	1565.000	114.781	114.781	1566.000	114.779	114.779
1567.000	114.777	114.777	1568.000	114.775	114.775	1569.000	114.773	114.773	1570.000	114.771	114.771
1571.000	114.769	114.769	1572.000	114.767	114.767	1573.000	114.765	114.765	1574.000	114.763	114.763
1575.000	114.761	114.761	1576.000	114.759	114.759	1577.000	114.757	114.757	1578.000	114.755	114.755
1579.000	114.753	114.753	1580.000	114.751	114.751	1581.000	114.749	114.749	1582.000	114.747	114.747
1583.000	114.745	114.745	1584.000	114.743	114.743	1585.000	114.741	114.741	1586.000	114.739	114.739
1587.000	114.737	114.737	1588.000	114.735	114.735	1589.000	114.733	114.733	1590.000	114.731	114.731
1591.000	114.729	114.729	1592.000	114.727	114.727	1593.000	114.725	114.725	1594.000	114.723	114.723
1595.000	114.721	114.721	1596.000	114.719	114.719	1597.000	114.717	114.717	1598.000	114.715	114.715
1599.000	114.713	114.713	1600.000	114.711	114.711	1601.000	114.709	114.709	1602.000	114.707	114.707
1603.000	114.705	114.705	1604.000	114.703	114.703	1605.000	114.701	114.701	1606.000	114.699	114.699
1607.000	114.697	114.697	1608.000	114.695	114.695	1609.000	114.693	114.693	1610.000	114.691	114.691
1611.000	114.689	114.689	1612.000	114.687	114.687	1613.000	114.685	114.685	1614.000	114.684	114.684

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1615.000	114.682	114.682	1616.000	114.680	114.680	1617.000	114.678	114.678	1618.000	114.676	114.676
1619.000	114.674	114.674	1620.000	114.672	114.672	1621.000	114.670	114.670	1622.000	114.668	114.668
1623.000	114.666	114.666	1624.000	114.664	114.664	1625.000	114.662	114.662	1626.000	114.660	114.660
1627.000	114.658	114.658	1628.000	114.656	114.656	1629.000	114.654	114.654	1630.000	114.652	114.652
1631.000	114.650	114.650	1632.000	114.648	114.648	1633.000	114.646	114.646	1634.000	114.644	114.644
1635.000	114.642	114.642	1636.000	114.640	114.640	1637.000	114.638	114.638	1638.000	114.637	114.637
1639.000	114.635	114.635	1640.000	114.633	114.633	1641.000	114.631	114.631	1642.000	114.629	114.629
1643.000	114.627	114.627	1644.000	114.625	114.625	1645.000	114.623	114.623	1646.000	114.621	114.621
1647.000	114.619	114.619	1648.000	114.617	114.617	1649.000	114.615	114.615	1650.000	114.613	114.613
1651.000	114.611	114.611	1652.000	114.609	114.609	1653.000	114.607	114.607	1654.000	114.605	114.605
1655.000	114.604	114.604	1656.000	114.602	114.602	1657.000	114.600	114.600	1658.000	114.598	114.598
1659.000	114.596	114.596	1660.000	114.594	114.594	1661.000	114.592	114.592	1662.000	114.590	114.590
1663.000	114.588	114.588	1664.000	114.586	114.586	1665.000	114.584	114.584	1666.000	114.582	114.582
1667.000	114.580	114.580	1668.000	114.578	114.578	1669.000	114.577	114.577	1670.000	114.575	114.575
1671.000	114.573	114.573	1672.000	114.571	114.571	1673.000	114.569	114.569	1674.000	114.567	114.567
1675.000	114.565	114.565	1676.000	114.563	114.563	1677.000	114.561	114.561	1678.000	114.559	114.559
1679.000	114.557	114.557	1680.000	114.555	114.555	1681.000	114.554	114.554	1682.000	114.552	114.552
1683.000	114.550	114.550	1684.000	114.548	114.548	1685.000	114.546	114.546	1686.000	114.544	114.544
1687.000	114.542	114.542	1688.000	114.540	114.540	1689.000	114.538	114.538	1690.000	114.536	114.536
1691.000	114.535	114.535	1692.000	114.533	114.533	1693.000	114.531	114.531	1694.000	114.529	114.529
1695.000	114.527	114.527	1696.000	114.525	114.525	1697.000	114.523	114.523	1698.000	114.522	114.522
1699.000	114.522	114.522	1700.000	114.522	114.522	1701.000	114.522	114.522	1702.000	114.521	114.521
1703.000	114.521	114.521	1704.000	114.521	114.521	1705.000	114.521	114.521	1706.000	114.521	114.521
1707.000	114.520	114.520	1708.000	114.520	114.520	1709.000	114.520	114.520	1710.000	114.520	114.520
1711.000	114.519	114.519	1712.000	114.519	114.519	1713.000	114.519	114.519	1714.000	114.519	114.519
1715.000	114.519	114.519	1716.000	114.518	114.518	1717.000	114.518	114.518	1718.000	114.518	114.518
1719.000	114.518	114.518	1720.000	114.517	114.517	1721.000	114.517	114.517	1722.000	114.517	114.517
1723.000	114.517	114.517	1724.000	114.516	114.516	1725.000	114.516	114.516	1726.000	114.516	114.516
1727.000	114.516	114.516	1728.000	114.516	114.516	1729.000	114.515	114.515	1730.000	114.515	114.515
1731.000	114.515	114.515	1732.000	114.515	114.515	1733.000	114.514	114.514	1734.000	114.514	114.514
1735.000	114.514	114.514	1736.000	114.514	114.514	1737.000	114.514	114.514	1738.000	114.513	114.513
1739.000	114.513	114.513	1740.000	114.513	114.513	1741.000	114.513	114.513	1742.000	114.512	114.512
1743.000	114.512	114.512	1744.000	114.512	114.512	1745.000	114.512	114.512	1746.000	114.511	114.511
1747.000	114.511	114.511	1748.000	114.511	114.511	1749.000	114.511	114.511	1750.000	114.511	114.511
1751.000	114.510	114.510	1752.000	114.510	114.510	1753.000	114.510	114.510	1754.000	114.510	114.510
1755.000	114.509	114.509	1756.000	114.509	114.509	1757.000	114.509	114.509	1758.000	114.509	114.509
1759.000	114.508	114.508	1760.000	114.508	114.508	1761.000	114.508	114.508	1762.000	114.508	114.508

Project: Clinton Flex Study  
Location: KCI  
Contract:  
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Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1763.000	114.508	114.508	1764.000	114.507	114.507	1765.000	114.507	114.507	1766.000	114.507	114.507
1767.000	114.507	114.507	1768.000	114.506	114.506	1769.000	114.506	114.506	1770.000	114.506	114.506
1771.000	114.506	114.506	1772.000	114.505	114.505	1773.000	114.505	114.505	1774.000	114.505	114.505
1775.000	114.505	114.505	1776.000	114.505	114.505	1777.000	114.504	114.504	1778.000	114.504	114.504
1779.000	114.504	114.504	1780.000	114.504	114.504	1781.000	114.503	114.503	1782.000	114.503	114.503
1783.000	114.503	114.503	1784.000	114.503	114.503	1785.000	114.502	114.502	1786.000	114.502	114.502
1787.000	114.502	114.502	1788.000	114.502	114.502	1789.000	114.502	114.502	1790.000	114.501	114.501
1791.000	114.501	114.501	1792.000	114.501	114.501	1793.000	114.501	114.501	1794.000	114.500	114.500
1795.000	114.500	114.500	1796.000	114.500	114.500	1797.000	114.500	114.500	1798.000	114.499	114.499
1799.000	114.499	114.499	1800.000	114.499	114.499	1801.000	114.499	114.499	1802.000	114.498	114.498
1803.000	114.498	114.498	1804.000	114.498	114.498	1805.000	114.498	114.498	1806.000	114.498	114.498
1807.000	114.497	114.497	1808.000	114.497	114.497	1809.000	114.497	114.497	1810.000	114.497	114.497
1811.000	114.496	114.496	1812.000	114.496	114.496	1813.000	114.496	114.496	1814.000	114.496	114.496
1815.000	114.495	114.495	1816.000	114.495	114.495	1817.000	114.495	114.495	1818.000	114.495	114.495
1819.000	114.495	114.495	1820.000	114.494	114.494	1821.000	114.494	114.494	1822.000	114.494	114.494
1823.000	114.494	114.494	1824.000	114.493	114.493	1825.000	114.493	114.493	1826.000	114.493	114.493
1827.000	114.493	114.493	1828.000	114.492	114.492	1829.000	114.492	114.492	1830.000	114.492	114.492
1831.000	114.492	114.492	1832.000	114.491	114.491	1833.000	114.491	114.491	1834.000	114.491	114.491
1835.000	114.491	114.491	1836.000	114.491	114.491	1837.000	114.490	114.490	1838.000	114.490	114.490
1839.000	114.490	114.490	1840.000	114.490	114.490	1841.000	114.489	114.489	1842.000	114.489	114.489
1843.000	114.489	114.489	1844.000	114.489	114.489	1845.000	114.488	114.488	1846.000	114.488	114.488
1847.000	114.488	114.488	1848.000	114.488	114.488	1849.000	114.487	114.487	1850.000	114.487	114.487
1851.000	114.487	114.487	1852.000	114.487	114.487	1853.000	114.486	114.486	1854.000	114.486	114.486
1855.000	114.486	114.486	1856.000	114.486	114.486	1857.000	114.486	114.486	1858.000	114.485	114.485
1859.000	114.485	114.485	1860.000	114.485	114.485	1861.000	114.485	114.485	1862.000	114.484	114.484
1863.000	114.484	114.484	1864.000	114.484	114.484	1865.000	114.484	114.484	1866.000	114.483	114.483
1867.000	114.483	114.483	1868.000	114.483	114.483	1869.000	114.483	114.483	1870.000	114.482	114.482
1871.000	114.482	114.482	1872.000	114.482	114.482	1873.000	114.482	114.482	1874.000	114.481	114.481
1875.000	114.481	114.481	1876.000	114.481	114.481	1877.000	114.481	114.481	1878.000	114.481	114.481
1879.000	114.480	114.480	1880.000	114.480	114.480	1881.000	114.480	114.480	1882.000	114.480	114.480
1883.000	114.479	114.479	1884.000	114.479	114.479	1885.000	114.479	114.479	1886.000	114.479	114.479
1887.000	114.478	114.478	1888.000	114.478	114.478	1889.000	114.478	114.478	1890.000	114.478	114.478
1891.000	114.477	114.477	1892.000	114.477	114.477	1893.000	114.477	114.477	1894.000	114.477	114.477
1895.000	114.476	114.476	1896.000	114.476	114.476	1897.000	114.476	114.476	1898.000	114.476	114.476
1899.000	114.475	114.475	1900.000	114.475	114.475	1901.000	114.475	114.475	1902.000	114.475	114.475
1903.000	114.475	114.475	1904.000	114.474	114.474	1905.000	114.474	114.474	1906.000	114.474	114.474
1907.000	114.474	114.474	1908.000	114.473	114.473	1909.000	114.473	114.473	1910.000	114.473	114.473

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1911.000	114.473	114.473	1912.000	114.472	114.472	1913.000	114.472	114.472	1914.000	114.472	114.472
1915.000	114.472	114.472	1916.000	114.471	114.471	1917.000	114.471	114.471	1918.000	114.471	114.471
1919.000	114.471	114.471	1920.000	114.470	114.470	1921.000	114.470	114.470	1922.000	114.470	114.470
1923.000	114.470	114.470	1924.000	114.469	114.469	1925.000	114.469	114.469	1926.000	114.469	114.469
1927.000	114.469	114.469	1928.000	114.468	114.468	1929.000	114.468	114.468	1930.000	114.468	114.468
1931.000	114.468	114.468	1932.000	114.467	114.467	1933.000	114.467	114.467	1934.000	114.467	114.467
1935.000	114.467	114.467	1936.000	114.466	114.466	1937.000	114.466	114.466	1938.000	114.466	114.466
1939.000	114.466	114.466	1940.000	114.466	114.466	1941.000	114.465	114.465	1942.000	114.465	114.465
1943.000	114.465	114.465	1944.000	114.465	114.465	1945.000	114.464	114.464	1946.000	114.464	114.464
1947.000	114.464	114.464	1948.000	114.464	114.464	1949.000	114.463	114.463	1950.000	114.463	114.463
1951.000	114.463	114.463	1952.000	114.463	114.463	1953.000	114.462	114.462	1954.000	114.462	114.462
1955.000	114.462	114.462	1956.000	114.462	114.462	1957.000	114.461	114.461	1958.000	114.461	114.461
1959.000	114.461	114.461	1960.000	114.461	114.461	1961.000	114.460	114.460	1962.000	114.460	114.460
1963.000	114.460	114.460	1964.000	114.460	114.460	1965.000	114.459	114.459	1966.000	114.459	114.459
1967.000	114.459	114.459	1968.000	114.459	114.459	1969.000	114.458	114.458	1970.000	114.458	114.458
1971.000	114.458	114.458	1972.000	114.458	114.458	1973.000	114.457	114.457	1974.000	114.457	114.457
1975.000	114.457	114.457	1976.000	114.457	114.457	1977.000	114.456	114.456	1978.000	114.456	114.456
1979.000	114.456	114.456	1980.000	114.456	114.456	1981.000	114.455	114.455	1982.000	114.455	114.455
1983.000	114.455	114.455	1984.000	114.455	114.455	1985.000	114.454	114.454	1986.000	114.454	114.454
1987.000	114.454	114.454	1988.000	114.454	114.454	1989.000	114.453	114.453	1990.000	114.453	114.453
1991.000	114.453	114.453	1992.000	114.453	114.453	1993.000	114.452	114.452	1994.000	114.452	114.452
1995.000	114.452	114.452	1996.000	114.452	114.452	1997.000	114.451	114.451	1998.000	114.451	114.451
1999.000	114.451	114.451	2000.000	114.451	114.451	2001.000	114.450	114.450	2002.000	114.450	114.450
2003.000	114.450	114.450	2004.000	114.450	114.450	2005.000	114.449	114.449	2006.000	114.449	114.449
2007.000	114.449	114.449	2008.000	114.449	114.449	2009.000	114.448	114.448	2010.000	114.448	114.448
2011.000	114.448	114.448	2012.000	114.448	114.448	2013.000	114.447	114.447	2014.000	114.447	114.447
2015.000	114.447	114.447	2016.000	114.447	114.447	2017.000	114.446	114.446	2018.000	114.446	114.446
2019.000	114.446	114.446	2020.000	114.446	114.446	2021.000	114.445	114.445	2022.000	114.445	114.445
2023.000	114.445	114.445	2024.000	114.445	114.445	2025.000	114.444	114.444	2026.000	114.444	114.444
2027.000	114.444	114.444	2028.000	114.444	114.444	2029.000	114.443	114.443	2030.000	114.443	114.443
2031.000	114.443	114.443	2032.000	114.443	114.443	2033.000	114.442	114.442	2034.000	114.442	114.442
2035.000	114.442	114.442	2036.000	114.442	114.442	2037.000	114.441	114.441	2038.000	114.441	114.441
2039.000	114.441	114.441	2040.000	114.441	114.441	2041.000	114.441	114.441	2042.000	114.441	114.441
2043.000	114.441	114.441	2044.000	114.441	114.441	2045.000	114.441	114.441	2046.000	114.441	114.441
2047.000	114.441	114.441	2048.000	114.441	114.441	2049.000	114.441	114.441	2050.000	114.441	114.441
2051.000	114.441	114.441	2052.000	114.441	114.441	2053.000	114.442	114.442	2054.000	114.442	114.442
2055.000	114.442	114.442	2056.000	114.442	114.442	2057.000	114.442	114.442	2058.000	114.442	114.442

Project: Clinton Flex Study  
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Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2059.000	114.442	114.442	2060.000	114.442	114.442	2061.000	114.442	114.442	2062.000	114.442	114.442
2063.000	114.442	114.442	2064.000	114.442	114.442	2065.000	114.442	114.442	2066.000	114.442	114.442
2067.000	114.442	114.442	2068.000	114.443	114.443	2069.000	114.443	114.443	2070.000	114.443	114.443
2071.000	114.443	114.443	2072.000	114.443	114.443	2073.000	114.443	114.443	2074.000	114.443	114.443
2075.000	114.443	114.443	2076.000	114.443	114.443	2077.000	114.443	114.443	2078.000	114.443	114.443
2079.000	114.443	114.443	2080.000	114.443	114.443	2081.000	114.443	114.443	2082.000	114.443	114.443
2083.000	114.443	114.443	2084.000	114.444	114.444	2085.000	114.444	114.444	2086.000	114.444	114.444
2087.000	114.444	114.444	2088.000	114.444	114.444	2089.000	114.444	114.444	2090.000	114.444	114.444
2091.000	114.444	114.444	2092.000	114.444	114.444	2093.000	114.444	114.444	2094.000	114.444	114.444
2095.000	114.444	114.444	2096.000	114.444	114.444	2097.000	114.444	114.444	2098.000	114.444	114.444
2099.000	114.444	114.444	2100.000	114.445	114.445	2101.000	114.445	114.445	2102.000	114.445	114.445
2103.000	114.445	114.445	2104.000	114.445	114.445	2105.000	114.445	114.445	2106.000	114.445	114.445
2107.000	114.445	114.445	2108.000	114.445	114.445	2109.000	114.445	114.445	2110.000	114.445	114.445
2111.000	114.445	114.445	2112.000	114.445	114.445	2113.000	114.445	114.445	2114.000	114.445	114.445
2115.000	114.446	114.446	2116.000	114.446	114.446	2117.000	114.446	114.446	2118.000	114.446	114.446
2119.000	114.446	114.446	2120.000	114.446	114.446	2121.000	114.446	114.446	2122.000	114.446	114.446
2123.000	114.446	114.446	2124.000	114.446	114.446	2125.000	114.446	114.446	2126.000	114.446	114.446
2127.000	114.446	114.446	2128.000	114.446	114.446	2129.000	114.446	114.446	2130.000	114.446	114.446
2131.000	114.447	114.447	2132.000	114.447	114.447	2133.000	114.447	114.447	2134.000	114.447	114.447
2135.000	114.447	114.447	2136.000	114.447	114.447	2137.000	114.447	114.447	2138.000	114.447	114.447
2139.000	114.447	114.447	2140.000	114.447	114.447	2141.000	114.447	114.447	2142.000	114.447	114.447
2143.000	114.447	114.447	2144.000	114.447	114.447	2145.000	114.447	114.447	2146.000	114.448	114.448
2147.000	114.448	114.448	2148.000	114.448	114.448	2149.000	114.448	114.448	2150.000	114.448	114.448
2151.000	114.448	114.448	2152.000	114.448	114.448	2153.000	114.448	114.448	2154.000	114.448	114.448
2155.000	114.448	114.448	2156.000	114.448	114.448	2157.000	114.448	114.448	2158.000	114.448	114.448
2159.000	114.448	114.448	2160.000	114.448	114.448	2161.000	114.449	114.449	2162.000	114.449	114.449
2163.000	114.449	114.449	2164.000	114.449	114.449	2165.000	114.449	114.449	2166.000	114.449	114.449
2167.000	114.449	114.449	2168.000	114.449	114.449	2169.000	114.449	114.449	2170.000	114.449	114.449
2171.000	114.449	114.449	2172.000	114.449	114.449	2173.000	114.449	114.449	2174.000	114.449	114.449
2175.000	114.449	114.449	2176.000	114.450	114.450	2177.000	114.450	114.450	2178.000	114.450	114.450
2179.000	114.450	114.450	2180.000	114.450	114.450	2181.000	114.450	114.450	2182.000	114.450	114.450
2183.000	114.450	114.450	2184.000	114.450	114.450	2185.000	114.450	114.450	2186.000	114.450	114.450
2187.000	114.450	114.450	2188.000	114.450	114.450	2189.000	114.450	114.450	2190.000	114.450	114.450
2191.000	114.451	114.451	2192.000	114.451	114.451	2193.000	114.451	114.451	2194.000	114.451	114.451
2195.000	114.451	114.451	2196.000	114.451	114.451	2197.000	114.451	114.451	2198.000	114.451	114.451
2199.000	114.451	114.451	2200.000	114.451	114.451	2201.000	114.451	114.451	2202.000	114.451	114.451
2203.000	114.451	114.451	2204.000	114.451	114.451	2205.000	114.452	114.452	2206.000	114.452	114.452

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2207.000	114.452	114.452	2208.000	114.452	114.452	2209.000	114.452	114.452	2210.000	114.452	114.452
2211.000	114.452	114.452	2212.000	114.452	114.452	2213.000	114.452	114.452	2214.000	114.452	114.452
2215.000	114.452	114.452	2216.000	114.452	114.452	2217.000	114.452	114.452	2218.000	114.452	114.452
2219.000	114.452	114.452	2220.000	114.453	114.453	2221.000	114.453	114.453	2222.000	114.453	114.453
2223.000	114.453	114.453	2224.000	114.453	114.453	2225.000	114.453	114.453	2226.000	114.453	114.453
2227.000	114.453	114.453	2228.000	114.453	114.453	2229.000	114.453	114.453	2230.000	114.453	114.453
2231.000	114.453	114.453	2232.000	114.453	114.453	2233.000	114.453	114.453	2234.000	114.453	114.453
2235.000	114.454	114.454	2236.000	114.454	114.454	2237.000	114.454	114.454	2238.000	114.454	114.454
2239.000	114.454	114.454	2240.000	114.454	114.454	2241.000	114.454	114.454	2242.000	114.454	114.454
2243.000	114.454	114.454	2244.000	114.454	114.454	2245.000	114.454	114.454	2246.000	114.454	114.454
2247.000	114.454	114.454	2248.000	114.454	114.454	2249.000	114.455	114.455	2250.000	114.455	114.455
2251.000	114.455	114.455	2252.000	114.455	114.455	2253.000	114.455	114.455	2254.000	114.455	114.455
2255.000	114.455	114.455	2256.000	114.455	114.455	2257.000	114.455	114.455	2258.000	114.455	114.455
2259.000	114.455	114.455	2260.000	114.455	114.455	2261.000	114.455	114.455	2262.000	114.455	114.455
2263.000	114.456	114.456	2264.000	114.456	114.456	2265.000	114.456	114.456	2266.000	114.456	114.456
2267.000	114.456	114.456	2268.000	114.456	114.456	2269.000	114.456	114.456	2270.000	114.456	114.456
2271.000	114.456	114.456	2272.000	114.456	114.456	2273.000	114.456	114.456	2274.000	114.456	114.456
2275.000	114.456	114.456	2276.000	114.456	114.456	2277.000	114.456	114.456	2278.000	114.457	114.457
2279.000	114.457	114.457	2280.000	114.457	114.457	2281.000	114.457	114.457	2282.000	114.457	114.457
2283.000	114.457	114.457	2284.000	114.457	114.457	2285.000	114.457	114.457	2286.000	114.457	114.457
2287.000	114.457	114.457	2288.000	114.457	114.457	2289.000	114.457	114.457	2290.000	114.457	114.457
2291.000	114.457	114.457	2292.000	114.458	114.458	2293.000	114.458	114.458	2294.000	114.458	114.458
2295.000	114.458	114.458	2296.000	114.458	114.458	2297.000	114.458	114.458	2298.000	114.458	114.458
2299.000	114.458	114.458	2300.000	114.458	114.458	2301.000	114.458	114.458	2302.000	114.458	114.458
2303.000	114.458	114.458	2304.000	114.458	114.458	2305.000	114.458	114.458	2306.000	114.459	114.459
2307.000	114.459	114.459	2308.000	114.459	114.459	2309.000	114.459	114.459	2310.000	114.459	114.459
2311.000	114.459	114.459	2312.000	114.459	114.459	2313.000	114.459	114.459	2314.000	114.459	114.459
2315.000	114.459	114.459	2316.000	114.459	114.459	2317.000	114.459	114.459	2318.000	114.459	114.459
2319.000	114.459	114.459	2320.000	114.460	114.460	2321.000	114.460	114.460	2322.000	114.460	114.460
2323.000	114.460	114.460	2324.000	114.460	114.460	2325.000	114.460	114.460	2326.000	114.460	114.460
2327.000	114.460	114.460	2328.000	114.460	114.460	2329.000	114.460	114.460	2330.000	114.460	114.460
2331.000	114.460	114.460	2332.000	114.460	114.460	2333.000	114.460	114.460	2334.000	114.461	114.461
2335.000	114.461	114.461	2336.000	114.461	114.461	2337.000	114.461	114.461	2338.000	114.461	114.461
2339.000	114.461	114.461	2340.000	114.461	114.461	2341.000	114.461	114.461	2342.000	114.461	114.461
2343.000	114.461	114.461	2344.000	114.461	114.461	2345.000	114.461	114.461	2346.000	114.461	114.461
2347.000	114.462	114.462	2348.000	114.462	114.462	2349.000	114.462	114.462	2350.000	114.461	114.461
2351.000	114.461	114.461	2352.000	114.461	114.461	2353.000	114.461	114.461	2354.000	114.461	114.461

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2355.000	114.461	114.461	2356.000	114.461	114.461	2357.000	114.461	114.461	2358.000	114.461	114.461
2359.000	114.461	114.461	2360.000	114.461	114.461	2361.000	114.461	114.461	2362.000	114.461	114.461
2363.000	114.461	114.461	2364.000	114.461	114.461	2365.000	114.461	114.461	2366.000	114.461	114.461
2367.000	114.461	114.461	2368.000	114.461	114.461	2369.000	114.461	114.461	2370.000	114.461	114.461
2371.000	114.461	114.461	2372.000	114.461	114.461	2373.000	114.461	114.461	2374.000	114.461	114.461
2375.000	114.461	114.461	2376.000	114.461	114.461	2377.000	114.460	114.460	2378.000	114.460	114.460
2379.000	114.460	114.460	2380.000	114.460	114.460	2381.000	114.460	114.460	2382.000	114.460	114.460
2383.000	114.460	114.460	2384.000	114.460	114.460	2385.000	114.460	114.460	2386.000	114.460	114.460
2387.000	114.460	114.460	2388.000	114.460	114.460	2389.000	114.460	114.460	2390.000	114.460	114.460
2391.000	114.460	114.460	2392.000	114.460	114.460	2393.000	114.460	114.460	2394.000	114.460	114.460
2395.000	114.460	114.460	2396.000	114.460	114.460	2397.000	114.460	114.460	2398.000	114.460	114.460
2399.000	114.460	114.460	2400.000	114.460	114.460	2401.000	114.460	114.460	2402.000	114.460	114.460
2403.000	114.459	114.459	2404.000	114.459	114.459	2405.000	114.459	114.459	2406.000	114.459	114.459
2407.000	114.459	114.459	2408.000	114.459	114.459	2409.000	114.459	114.459	2410.000	114.459	114.459
2411.000	114.459	114.459	2412.000	114.459	114.459	2413.000	114.459	114.459	2414.000	114.459	114.459
2415.000	114.459	114.459	2416.000	114.459	114.459	2417.000	114.459	114.459	2418.000	114.459	114.459
2419.000	114.459	114.459	2420.000	114.459	114.459	2421.000	114.459	114.459	2422.000	114.459	114.459
2423.000	114.459	114.459	2424.000	114.459	114.459	2425.000	114.459	114.459	2426.000	114.459	114.459
2427.000	114.459	114.459	2428.000	114.459	114.459	2429.000	114.458	114.458	2430.000	114.458	114.458
2431.000	114.458	114.458	2432.000	114.458	114.458	2433.000	114.458	114.458	2434.000	114.458	114.458
2435.000	114.458	114.458	2436.000	114.458	114.458	2437.000	114.458	114.458	2438.000	114.458	114.458
2439.000	114.458	114.458	2440.000	114.458	114.458	2441.000	114.458	114.458	2442.000	114.458	114.458
2443.000	114.458	114.458	2444.000	114.458	114.458	2445.000	114.458	114.458	2446.000	114.458	114.458
2447.000	114.458	114.458	2448.000	114.458	114.458	2449.000	114.458	114.458	2450.000	114.458	114.458
2451.000	114.458	114.458	2452.000	114.458	114.458	2453.000	114.458	114.458	2454.000	114.458	114.458
2455.000	114.457	114.457	2456.000	114.457	114.457	2457.000	114.457	114.457	2458.000	114.457	114.457
2459.000	114.457	114.457	2460.000	114.457	114.457	2461.000	114.457	114.457	2462.000	114.457	114.457
2463.000	114.457	114.457	2464.000	114.457	114.457	2465.000	114.457	114.457	2466.000	114.457	114.457
2467.000	114.457	114.457	2468.000	114.457	114.457	2469.000	114.457	114.457	2470.000	114.457	114.457
2471.000	114.457	114.457	2472.000	114.457	114.457	2473.000	114.457	114.457	2474.000	114.457	114.457
2475.000	114.457	114.457	2476.000	114.457	114.457	2477.000	114.457	114.457	2478.000	114.457	114.457
2479.000	114.457	114.457	2480.000	114.456	114.456	2481.000	114.456	114.456	2482.000	114.456	114.456
2483.000	114.456	114.456	2484.000	114.456	114.456	2485.000	114.456	114.456	2486.000	114.456	114.456
2487.000	114.456	114.456	2488.000	114.456	114.456	2489.000	114.456	114.456	2490.000	114.456	114.456
2491.000	114.456	114.456	2492.000	114.456	114.456	2493.000	114.456	114.456	2494.000	114.456	114.456
2495.000	114.456	114.456	2496.000	114.456	114.456	2497.000	114.456	114.456	2498.000	114.456	114.456
2499.000	114.456	114.456	2500.000	114.456	114.456	2501.000	114.456	114.456	2502.000	114.456	114.456

Project: Clinton Flex Study  
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Contract:  
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Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2503.000	114.456	114.456	2504.000	114.456	114.456	2505.000	114.455	114.455	2506.000	114.455	114.455
2507.000	114.455	114.455	2508.000	114.455	114.455	2509.000	114.455	114.455	2510.000	114.455	114.455
2511.000	114.455	114.455	2512.000	114.455	114.455	2513.000	114.455	114.455	2514.000	114.455	114.455
2515.000	114.455	114.455	2516.000	114.455	114.455	2517.000	114.455	114.455	2518.000	114.455	114.455
2519.000	114.455	114.455	2520.000	114.455	114.455	2521.000	114.455	114.455	2522.000	114.455	114.455
2523.000	114.455	114.455	2524.000	114.455	114.455	2525.000	114.455	114.455	2526.000	114.455	114.455
2527.000	114.455	114.455	2528.000	114.455	114.455	2529.000	114.455	114.455	2530.000	114.454	114.454
2531.000	114.454	114.454	2532.000	114.454	114.454	2533.000	114.454	114.454	2534.000	114.454	114.454
2535.000	114.454	114.454	2536.000	114.454	114.454	2537.000	114.454	114.454	2538.000	114.454	114.454
2539.000	114.454	114.454	2540.000	114.454	114.454	2541.000	114.454	114.454	2542.000	114.454	114.454
2543.000	114.454	114.454	2544.000	114.454	114.454	2545.000	114.454	114.454	2546.000	114.454	114.454
2547.000	114.454	114.454	2548.000	114.454	114.454	2549.000	114.454	114.454	2550.000	114.454	114.454
2551.000	114.454	114.454	2552.000	114.454	114.454	2553.000	114.454	114.454	2554.000	114.454	114.454
2555.000	114.453	114.453	2556.000	114.453	114.453	2557.000	114.453	114.453	2558.000	114.453	114.453
2559.000	114.453	114.453	2560.000	114.453	114.453	2561.000	114.453	114.453	2562.000	114.453	114.453
2563.000	114.453	114.453	2564.000	114.453	114.453	2565.000	114.453	114.453	2566.000	114.453	114.453
2567.000	114.453	114.453	2568.000	114.453	114.453	2569.000	114.453	114.453	2570.000	114.453	114.453
2571.000	114.453	114.453	2572.000	114.453	114.453	2573.000	114.453	114.453	2574.000	114.453	114.453
2575.000	114.453	114.453	2576.000	114.453	114.453	2577.000	114.453	114.453	2578.000	114.453	114.453
2579.000	114.452	114.452	2580.000	114.452	114.452	2581.000	114.452	114.452	2582.000	114.452	114.452
2583.000	114.452	114.452	2584.000	114.452	114.452	2585.000	114.452	114.452	2586.000	114.452	114.452
2587.000	114.452	114.452	2588.000	114.452	114.452	2589.000	114.452	114.452	2590.000	114.452	114.452
2591.000	114.452	114.452	2592.000	114.452	114.452	2593.000	114.452	114.452	2594.000	114.452	114.452
2595.000	114.452	114.452	2596.000	114.452	114.452	2597.000	114.452	114.452	2598.000	114.452	114.452
2599.000	114.452	114.452	2600.000	114.452	114.452	2601.000	114.452	114.452	2602.000	114.452	114.452
2603.000	114.452	114.452	2604.000	114.451	114.451	2605.000	114.451	114.451	2606.000	114.451	114.451
2607.000	114.451	114.451	2608.000	114.451	114.451	2609.000	114.451	114.451	2610.000	114.451	114.451
2611.000	114.451	114.451	2612.000	114.451	114.451	2613.000	114.451	114.451	2614.000	114.451	114.451
2615.000	114.451	114.451	2616.000	114.451	114.451	2617.000	114.451	114.451	2618.000	114.451	114.451
2619.000	114.451	114.451	2620.000	114.451	114.451	2621.000	114.451	114.451	2622.000	114.451	114.451
2623.000	114.451	114.451	2624.000	114.451	114.451	2625.000	114.451	114.451	2626.000	114.451	114.451
2627.000	114.451	114.451	2628.000	114.450	114.450	2629.000	114.450	114.450	2630.000	114.450	114.450
2631.000	114.450	114.450	2632.000	114.450	114.450	2633.000	114.450	114.450	2634.000	114.450	114.450
2635.000	114.450	114.450	2636.000	114.450	114.450	2637.000	114.450	114.450	2638.000	114.450	114.450
2639.000	114.450	114.450	2640.000	114.450	114.450	2641.000	114.450	114.450	2642.000	114.450	114.450
2643.000	114.450	114.450	2644.000	114.450	114.450	2645.000	114.450	114.450	2646.000	114.450	114.450
2647.000	114.450	114.450	2648.000	114.450	114.450	2649.000	114.450	114.450	2650.000	114.450	114.450

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2651.000	114.449	114.449	2652.000	114.449	114.449	2653.000	114.449	114.449	2654.000	114.449	114.449
2655.000	114.449	114.449	2656.000	114.449	114.449	2657.000	114.449	114.449	2658.000	114.449	114.449
2659.000	114.449	114.449	2660.000	114.449	114.449	2661.000	114.449	114.449	2662.000	114.449	114.449
2663.000	114.449	114.449	2664.000	114.449	114.449	2665.000	114.449	114.449	2666.000	114.449	114.449
2667.000	114.449	114.449	2668.000	114.449	114.449	2669.000	114.449	114.449	2670.000	114.449	114.449
2671.000	114.449	114.449	2672.000	114.449	114.449	2673.000	114.449	114.449	2674.000	114.449	114.449
2675.000	114.448	114.448	2676.000	114.448	114.448	2677.000	114.448	114.448	2678.000	114.448	114.448
2679.000	114.448	114.448	2680.000	114.448	114.448	2681.000	114.448	114.448	2682.000	114.448	114.448
2683.000	114.448	114.448	2684.000	114.448	114.448	2685.000	114.448	114.448	2686.000	114.448	114.448
2687.000	114.448	114.448	2688.000	114.448	114.448	2689.000	114.448	114.448	2690.000	114.448	114.448
2691.000	114.448	114.448	2692.000	114.448	114.448	2693.000	114.448	114.448	2694.000	114.448	114.448
2695.000	114.448	114.448	2696.000	114.448	114.448	2697.000	114.448	114.448	2698.000	114.447	114.447
2699.000	114.447	114.447	2700.000	114.447	114.447	2701.000	114.447	114.447	2702.000	114.447	114.447
2703.000	114.447	114.447	2704.000	114.447	114.447	2705.000	114.447	114.447	2706.000	114.447	114.447
2707.000	114.447	114.447	2708.000	114.447	114.447	2709.000	114.447	114.447	2710.000	114.447	114.447
2711.000	114.447	114.447	2712.000	114.447	114.447	2713.000	114.447	114.447	2714.000	114.447	114.447
2715.000	114.447	114.447	2716.000	114.447	114.447	2717.000	114.447	114.447	2718.000	114.447	114.447
2719.000	114.447	114.447	2720.000	114.447	114.447	2721.000	114.447	114.447	2722.000	114.446	114.446
2723.000	114.446	114.446	2724.000	114.446	114.446	2725.000	114.446	114.446	2726.000	114.446	114.446
2727.000	114.446	114.446	2728.000	114.446	114.446	2729.000	114.446	114.446	2730.000	114.446	114.446
2731.000	114.446	114.446	2732.000	114.446	114.446	2733.000	114.446	114.446	2734.000	114.446	114.446
2735.000	114.446	114.446	2736.000	114.446	114.446	2737.000	114.446	114.446	2738.000	114.446	114.446
2739.000	114.446	114.446	2740.000	114.446	114.446	2741.000	114.446	114.446	2742.000	114.446	114.446
2743.000	114.446	114.446	2744.000	114.445	114.445	2745.000	114.445	114.445	2746.000	114.445	114.445
2747.000	114.445	114.445	2748.000	114.445	114.445	2749.000	114.445	114.445	2750.000	114.445	114.445
2751.000	114.445	114.445	2752.000	114.445	114.445	2753.000	114.445	114.445	2754.000	114.445	114.445
2755.000	114.445	114.445	2756.000	114.445	114.445	2757.000	114.445	114.445	2758.000	114.445	114.445
2759.000	114.445	114.445	2760.000	114.445	114.445	2761.000	114.445	114.445	2762.000	114.445	114.445
2763.000	114.445	114.445	2764.000	114.445	114.445	2765.000	114.445	114.445	2766.000	114.445	114.445
2767.000	114.444	114.444	2768.000	114.444	114.444	2769.000	114.444	114.444	2770.000	114.444	114.444
2771.000	114.444	114.444	2772.000	114.444	114.444	2773.000	114.444	114.444	2774.000	114.444	114.444
2775.000	114.444	114.444	2776.000	114.444	114.444	2777.000	114.444	114.444	2778.000	114.444	114.444
2779.000	114.444	114.444	2780.000	114.444	114.444	2781.000	114.444	114.444	2782.000	114.444	114.444
2783.000	114.444	114.444	2784.000	114.444	114.444	2785.000	114.444	114.444	2786.000	114.444	114.444
2787.000	114.444	114.444	2788.000	114.444	114.444	2789.000	114.444	114.444	2790.000	114.443	114.443
2791.000	114.443	114.443	2792.000	114.443	114.443	2793.000	114.443	114.443	2794.000	114.443	114.443
2795.000	114.443	114.443	2796.000	114.443	114.443	2797.000	114.443	114.443	2798.000	114.443	114.443

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

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BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2799.000	114.443	114.443	2800.000	114.443	114.443	2801.000	114.443	114.443	2802.000	114.443	114.443
2803.000	114.443	114.443	2804.000	114.443	114.443	2805.000	114.443	114.443	2806.000	114.443	114.443
2807.000	114.443	114.443	2808.000	114.443	114.443	2809.000	114.443	114.443	2810.000	114.443	114.443
2811.000	114.443	114.443	2812.000	114.442	114.442	2813.000	114.442	114.442	2814.000	114.442	114.442
2815.000	114.442	114.442	2816.000	114.442	114.442	2817.000	114.442	114.442	2818.000	114.442	114.442
2819.000	114.442	114.442	2820.000	114.442	114.442	2821.000	114.442	114.442	2822.000	114.442	114.442
2823.000	114.442	114.442	2824.000	114.442	114.442	2825.000	114.442	114.442	2826.000	114.442	114.442
2827.000	114.442	114.442	2828.000	114.442	114.442	2829.000	114.442	114.442	2830.000	114.442	114.442
2831.000	114.442	114.442	2832.000	114.442	114.442	2833.000	114.442	114.442	2834.000	114.441	114.441
2835.000	114.441	114.441	2836.000	114.441	114.441	2837.000	114.441	114.441	2838.000	114.441	114.441
2839.000	114.441	114.441	2840.000	114.441	114.441	2841.000	114.441	114.441	2842.000	114.441	114.441
2843.000	114.441	114.441	2844.000	114.441	114.441	2845.000	114.441	114.441	2846.000	114.441	114.441
2847.000	114.441	114.441	2848.000	114.441	114.441	2849.000	114.441	114.441	2850.000	114.441	114.441
2851.000	114.441	114.441	2852.000	114.441	114.441	2853.000	114.441	114.441	2854.000	114.441	114.441
2855.000	114.441	114.441	2856.000	114.440	114.440	2857.000	114.440	114.440	2858.000	114.440	114.440
2859.000	114.440	114.440	2860.000	114.440	114.440	2861.000	114.440	114.440	2862.000	114.440	114.440
2863.000	114.440	114.440	2864.000	114.440	114.440	2865.000	114.440	114.440	2866.000	114.440	114.440
2867.000	114.440	114.440	2868.000	114.440	114.440	2869.000	114.440	114.440	2870.000	114.440	114.440
2871.000	114.440	114.440	2872.000	114.440	114.440	2873.000	114.440	114.440	2874.000	114.440	114.440
2875.000	114.440	114.440	2876.000	114.440	114.440	2877.000	114.440	114.440	2878.000	114.439	114.439
2879.000	114.439	114.439	2880.000	114.439	114.439	2881.000	114.439	114.439	2882.000	114.439	114.439
2883.000	114.439	114.439	2884.000	114.439	114.439	2885.000	114.439	114.439	2886.000	114.439	114.439
2887.000	114.439	114.439	2888.000	114.439	114.439	2889.000	114.439	114.439	2890.000	114.439	114.439
2891.000	114.439	114.439	2892.000	114.439	114.439	2893.000	114.439	114.439	2894.000	114.439	114.439
2895.000	114.439	114.439	2896.000	114.439	114.439	2897.000	114.439	114.439	2898.000	114.439	114.439
2899.000	114.439	114.439	2900.000	114.438	114.438	2901.000	114.438	114.438	2902.000	114.438	114.438
2903.000	114.438	114.438	2904.000	114.438	114.438	2905.000	114.438	114.438	2906.000	114.438	114.438
2907.000	114.438	114.438	2908.000	114.438	114.438	2909.000	114.438	114.438	2910.000	114.438	114.438
2911.000	114.438	114.438	2912.000	114.438	114.438	2913.000	114.438	114.438	2914.000	114.438	114.438
2915.000	114.438	114.438	2916.000	114.438	114.438	2917.000	114.438	114.438	2918.000	114.438	114.438
2919.000	114.438	114.438	2920.000	114.438	114.438	2921.000	114.437	114.437	2922.000	114.437	114.437
2923.000	114.437	114.437	2924.000	114.437	114.437	2925.000	114.437	114.437	2926.000	114.437	114.437
2927.000	114.437	114.437	2928.000	114.437	114.437	2929.000	114.437	114.437	2930.000	114.437	114.437
2931.000	114.437	114.437	2932.000	114.437	114.437	2933.000	114.437	114.437	2934.000	114.437	114.437
2935.000	114.437	114.437	2936.000	114.437	114.437	2937.000	114.437	114.437	2938.000	114.437	114.437
2939.000	114.437	114.437	2940.000	114.437	114.437	2941.000	114.437	114.437	2942.000	114.436	114.436
2943.000	114.436	114.436	2944.000	114.436	114.436	2945.000	114.436	114.436	2946.000	114.436	114.436

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Revision: Base

Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2947.000	114.436	114.436	2948.000	114.436	114.436	2949.000	114.436	114.436	2950.000	114.436	114.436
2951.000	114.436	114.436	2952.000	114.436	114.436	2953.000	114.436	114.436	2954.000	114.436	114.436
2955.000	114.436	114.436	2956.000	114.436	114.436	2957.000	114.436	114.436	2958.000	114.436	114.436
2959.000	114.436	114.436	2960.000	114.436	114.436	2961.000	114.436	114.436	2962.000	114.436	114.436
2963.000	114.435	114.435	2964.000	114.435	114.435	2965.000	114.435	114.435	2966.000	114.435	114.435
2967.000	114.435	114.435	2968.000	114.435	114.435	2969.000	114.435	114.435	2970.000	114.435	114.435
2971.000	114.435	114.435	2972.000	114.435	114.435	2973.000	114.435	114.435	2974.000	114.435	114.435
2975.000	114.435	114.435	2976.000	114.435	114.435	2977.000	114.435	114.435	2978.000	114.435	114.435
2979.000	114.435	114.435	2980.000	114.435	114.435	2981.000	114.435	114.435	2982.000	114.435	114.435
2983.000	114.435	114.435	2984.000	114.434	114.434	2985.000	114.434	114.434	2986.000	114.434	114.434
2987.000	114.434	114.434	2988.000	114.434	114.434	2989.000	114.434	114.434	2990.000	114.434	114.434
2991.000	114.434	114.434	2992.000	114.434	114.434	2993.000	114.434	114.434	2994.000	114.434	114.434
2995.000	114.434	114.434	2996.000	114.434	114.434	2997.000	114.434	114.434	2998.000	114.434	114.434
2999.000	114.434	114.434	3000.000	114.434	114.434	3001.000	114.434	114.434	3002.000	114.434	114.434
3003.000	114.434	114.434	3004.000	114.433	114.433	3005.000	114.433	114.433	3006.000	114.433	114.433
3007.000	114.433	114.433	3008.000	114.433	114.433	3009.000	114.433	114.433	3010.000	114.433	114.433
3011.000	114.433	114.433	3012.000	114.433	114.433	3013.000	114.433	114.433	3014.000	114.433	114.433
3015.000	114.433	114.433	3016.000	114.433	114.433	3017.000	114.433	114.433	3018.000	114.433	114.433
3019.000	114.433	114.433	3020.000	114.433	114.433	3021.000	114.433	114.433	3022.000	114.432	114.432
3023.000	114.431	114.431	3024.000	114.431	114.431	3025.000	114.430	114.430	3026.000	114.429	114.429
3027.000	114.429	114.429	3028.000	114.428	114.428	3029.000	114.427	114.427	3030.000	114.426	114.426
3031.000	114.426	114.426	3032.000	114.425	114.425	3033.000	114.424	114.424	3034.000	114.424	114.424
3035.000	114.423	114.423	3036.000	114.422	114.422	3037.000	114.422	114.422	3038.000	114.421	114.421
3039.000	114.420	114.420	3040.000	114.419	114.419	3041.000	114.419	114.419	3042.000	114.418	114.418
3043.000	114.417	114.417	3044.000	114.417	114.417	3045.000	114.416	114.416	3046.000	114.415	114.415
3047.000	114.414	114.414	3048.000	114.414	114.414	3049.000	114.413	114.413	3050.000	114.412	114.412
3051.000	114.412	114.412	3052.000	114.411	114.411	3053.000	114.410	114.410	3054.000	114.410	114.410
3055.000	114.409	114.409	3056.000	114.408	114.408	3057.000	114.407	114.407	3058.000	114.407	114.407
3059.000	114.406	114.406	3060.000	114.405	114.405	3061.000	114.405	114.405	3062.000	114.404	114.404
3063.000	114.403	114.403	3064.000	114.402	114.402	3065.000	114.402	114.402	3066.000	114.401	114.401
3067.000	114.400	114.400	3068.000	114.400	114.400	3069.000	114.399	114.399	3070.000	114.398	114.398
3071.000	114.397	114.397	3072.000	114.397	114.397	3073.000	114.396	114.396	3074.000	114.395	114.395
3075.000	114.395	114.395	3076.000	114.394	114.394	3077.000	114.393	114.393	3078.000	114.392	114.392
3079.000	114.392	114.392	3080.000	114.391	114.391	3081.000	114.390	114.390	3082.000	114.390	114.390
3083.000	114.389	114.389	3084.000	114.388	114.388	3085.000	114.388	114.388	3086.000	114.387	114.387
3087.000	114.386	114.386	3088.000	114.385	114.385	3089.000	114.385	114.385	3090.000	114.384	114.384
3091.000	114.383	114.383	3092.000	114.383	114.383	3093.000	114.382	114.382	3094.000	114.381	114.381

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3095.000	114.380	114.380	3096.000	114.380	114.380	3097.000	114.379	114.379	3098.000	114.378	114.378
3099.000	114.378	114.378	3100.000	114.377	114.377	3101.000	114.376	114.376	3102.000	114.375	114.375
3103.000	114.375	114.375	3104.000	114.374	114.374	3105.000	114.373	114.373	3106.000	114.373	114.373
3107.000	114.372	114.372	3108.000	114.371	114.371	3109.000	114.370	114.370	3110.000	114.370	114.370
3111.000	114.369	114.369	3112.000	114.368	114.368	3113.000	114.368	114.368	3114.000	114.367	114.367
3115.000	114.366	114.366	3116.000	114.365	114.365	3117.000	114.365	114.365	3118.000	114.364	114.364
3119.000	114.363	114.363	3120.000	114.363	114.363	3121.000	114.362	114.362	3122.000	114.361	114.361
3123.000	114.360	114.360	3124.000	114.360	114.360	3125.000	114.359	114.359	3126.000	114.358	114.358
3127.000	114.358	114.358	3128.000	114.357	114.357	3129.000	114.356	114.356	3130.000	114.355	114.355
3131.000	114.355	114.355	3132.000	114.354	114.354	3133.000	114.353	114.353	3134.000	114.353	114.353
3135.000	114.352	114.352	3136.000	114.351	114.351	3137.000	114.350	114.350	3138.000	114.350	114.350
3139.000	114.349	114.349	3140.000	114.348	114.348	3141.000	114.348	114.348	3142.000	114.347	114.347
3143.000	114.346	114.346	3144.000	114.345	114.345	3145.000	114.345	114.345	3146.000	114.344	114.344
3147.000	114.343	114.343	3148.000	114.343	114.343	3149.000	114.342	114.342	3150.000	114.341	114.341
3151.000	114.340	114.340	3152.000	114.340	114.340	3153.000	114.339	114.339	3154.000	114.338	114.338
3155.000	114.338	114.338	3156.000	114.337	114.337	3157.000	114.336	114.336	3158.000	114.335	114.335
3159.000	114.335	114.335	3160.000	114.334	114.334	3161.000	114.333	114.333	3162.000	114.333	114.333
3163.000	114.332	114.332	3164.000	114.331	114.331	3165.000	114.330	114.330	3166.000	114.330	114.330
3167.000	114.329	114.329	3168.000	114.328	114.328	3169.000	114.328	114.328	3170.000	114.327	114.327
3171.000	114.326	114.326	3172.000	114.325	114.325	3173.000	114.325	114.325	3174.000	114.324	114.324
3175.000	114.323	114.323	3176.000	114.323	114.323	3177.000	114.322	114.322	3178.000	114.321	114.321
3179.000	114.320	114.320	3180.000	114.320	114.320	3181.000	114.319	114.319	3182.000	114.318	114.318
3183.000	114.318	114.318	3184.000	114.317	114.317	3185.000	114.316	114.316	3186.000	114.315	114.315
3187.000	114.315	114.315	3188.000	114.314	114.314	3189.000	114.313	114.313	3190.000	114.313	114.313
3191.000	114.312	114.312	3192.000	114.311	114.311	3193.000	114.310	114.310	3194.000	114.310	114.310
3195.000	114.309	114.309	3196.000	114.308	114.308	3197.000	114.307	114.307	3198.000	114.307	114.307
3199.000	114.306	114.306	3200.000	114.305	114.305	3201.000	114.305	114.305	3202.000	114.304	114.304
3203.000	114.303	114.303	3204.000	114.302	114.302	3205.000	114.302	114.302	3206.000	114.301	114.301
3207.000	114.300	114.300	3208.000	114.300	114.300	3209.000	114.299	114.299	3210.000	114.298	114.298
3211.000	114.297	114.297	3212.000	114.297	114.297	3213.000	114.296	114.296	3214.000	114.295	114.295
3215.000	114.295	114.295	3216.000	114.294	114.294	3217.000	114.293	114.293	3218.000	114.292	114.292
3219.000	114.292	114.292	3220.000	114.291	114.291	3221.000	114.292	114.292	3222.000	114.292	114.292
3223.000	114.292	114.292	3224.000	114.292	114.292	3225.000	114.292	114.292	3226.000	114.292	114.292
3227.000	114.292	114.292	3228.000	114.292	114.292	3229.000	114.292	114.292	3230.000	114.292	114.292
3231.000	114.292	114.292	3232.000	114.292	114.292	3233.000	114.292	114.292	3234.000	114.292	114.292
3235.000	114.292	114.292	3236.000	114.292	114.292	3237.000	114.292	114.292	3238.000	114.292	114.292
3239.000	114.292	114.292	3240.000	114.292	114.292	3241.000	114.292	114.292	3242.000	114.292	114.292

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

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DIV 1 Battery 1A 48-Hour Coping Study

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BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3243.000	114.292	114.292	3244.000	114.292	114.292	3245.000	114.292	114.292	3246.000	114.292	114.292
3247.000	114.292	114.292	3248.000	114.292	114.292	3249.000	114.292	114.292	3250.000	114.292	114.292
3251.000	114.292	114.292	3252.000	114.292	114.292	3253.000	114.292	114.292	3254.000	114.292	114.292
3255.000	114.292	114.292	3256.000	114.292	114.292	3257.000	114.292	114.292	3258.000	114.292	114.292
3259.000	114.292	114.292	3260.000	114.292	114.292	3261.000	114.292	114.292	3262.000	114.292	114.292
3263.000	114.293	114.293	3264.000	114.293	114.293	3265.000	114.293	114.293	3266.000	114.293	114.293
3267.000	114.293	114.293	3268.000	114.293	114.293	3269.000	114.293	114.293	3270.000	114.293	114.293
3271.000	114.293	114.293	3272.000	114.293	114.293	3273.000	114.293	114.293	3274.000	114.293	114.293
3275.000	114.293	114.293	3276.000	114.293	114.293	3277.000	114.293	114.293	3278.000	114.293	114.293
3279.000	114.293	114.293	3280.000	114.293	114.293	3281.000	114.293	114.293	3282.000	114.293	114.293
3283.000	114.293	114.293	3284.000	114.293	114.293	3285.000	114.293	114.293	3286.000	114.293	114.293
3287.000	114.293	114.293	3288.000	114.293	114.293	3289.000	114.293	114.293	3290.000	114.293	114.293
3291.000	114.293	114.293	3292.000	114.293	114.293	3293.000	114.293	114.293	3294.000	114.293	114.293
3295.000	114.293	114.293	3296.000	114.293	114.293	3297.000	114.293	114.293	3298.000	114.293	114.293
3299.000	114.293	114.293	3300.000	114.293	114.293	3301.000	114.293	114.293	3302.000	114.294	114.294
3303.000	114.294	114.294	3304.000	114.294	114.294	3305.000	114.294	114.294	3306.000	114.294	114.294
3307.000	114.294	114.294	3308.000	114.294	114.294	3309.000	114.294	114.294	3310.000	114.294	114.294
3311.000	114.294	114.294	3312.000	114.294	114.294	3313.000	114.294	114.294	3314.000	114.294	114.294
3315.000	114.294	114.294	3316.000	114.294	114.294	3317.000	114.294	114.294	3318.000	114.294	114.294
3319.000	114.294	114.294	3320.000	114.294	114.294	3321.000	114.294	114.294	3322.000	114.294	114.294
3323.000	114.294	114.294	3324.000	114.294	114.294	3325.000	114.294	114.294	3326.000	114.294	114.294
3327.000	114.294	114.294	3328.000	114.294	114.294	3329.000	114.294	114.294	3330.000	114.294	114.294
3331.000	114.294	114.294	3332.000	114.294	114.294	3333.000	114.294	114.294	3334.000	114.294	114.294
3335.000	114.294	114.294	3336.000	114.294	114.294	3337.000	114.294	114.294	3338.000	114.294	114.294
3339.000	114.295	114.295	3340.000	114.295	114.295	3341.000	114.295	114.295	3342.000	114.295	114.295
3343.000	114.295	114.295	3344.000	114.295	114.295	3345.000	114.295	114.295	3346.000	114.295	114.295
3347.000	114.295	114.295	3348.000	114.295	114.295	3349.000	114.295	114.295	3350.000	114.295	114.295
3351.000	114.295	114.295	3352.000	114.295	114.295	3353.000	114.295	114.295	3354.000	114.295	114.295
3355.000	114.295	114.295	3356.000	114.295	114.295	3357.000	114.295	114.295	3358.000	114.295	114.295
3359.000	114.295	114.295	3360.000	114.295	114.295	3361.000	114.295	114.295	3362.000	114.295	114.295
3363.000	114.295	114.295	3364.000	114.295	114.295	3365.000	114.295	114.295	3366.000	114.295	114.295
3367.000	114.295	114.295	3368.000	114.295	114.295	3369.000	114.295	114.295	3370.000	114.295	114.295
3371.000	114.295	114.295	3372.000	114.295	114.295	3373.000	114.295	114.295	3374.000	114.296	114.296
3375.000	114.296	114.296	3376.000	114.296	114.296	3377.000	114.296	114.296	3378.000	114.296	114.296
3379.000	114.296	114.296	3380.000	114.296	114.296	3381.000	114.296	114.296	3382.000	114.296	114.296
3383.000	114.296	114.296	3384.000	114.296	114.296	3385.000	114.296	114.296	3386.000	114.296	114.296
3387.000	114.296	114.296	3388.000	114.296	114.296	3389.000	114.296	114.296	3390.000	114.296	114.296

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3391.000	114.296	114.296	3392.000	114.296	114.296	3393.000	114.296	114.296	3394.000	114.296	114.296
3395.000	114.296	114.296	3396.000	114.296	114.296	3397.000	114.296	114.296	3398.000	114.296	114.296
3399.000	114.296	114.296	3400.000	114.296	114.296	3401.000	114.296	114.296	3402.000	114.296	114.296
3403.000	114.296	114.296	3404.000	114.296	114.296	3405.000	114.296	114.296	3406.000	114.296	114.296
3407.000	114.297	114.297	3408.000	114.297	114.297	3409.000	114.297	114.297	3410.000	114.297	114.297
3411.000	114.297	114.297	3412.000	114.297	114.297	3413.000	114.297	114.297	3414.000	114.297	114.297
3415.000	114.297	114.297	3416.000	114.297	114.297	3417.000	114.297	114.297	3418.000	114.297	114.297
3419.000	114.297	114.297	3420.000	114.297	114.297	3421.000	114.297	114.297	3422.000	114.297	114.297
3423.000	114.297	114.297	3424.000	114.297	114.297	3425.000	114.297	114.297	3426.000	114.297	114.297
3427.000	114.297	114.297	3428.000	114.297	114.297	3429.000	114.297	114.297	3430.000	114.297	114.297
3431.000	114.297	114.297	3432.000	114.297	114.297	3433.000	114.297	114.297	3434.000	114.297	114.297
3435.000	114.297	114.297	3436.000	114.297	114.297	3437.000	114.297	114.297	3438.000	114.297	114.297
3439.000	114.298	114.298	3440.000	114.298	114.298	3441.000	114.298	114.298	3442.000	114.298	114.298
3443.000	114.298	114.298	3444.000	114.298	114.298	3445.000	114.298	114.298	3446.000	114.298	114.298
3447.000	114.298	114.298	3448.000	114.298	114.298	3449.000	114.298	114.298	3450.000	114.298	114.298
3451.000	114.298	114.298	3452.000	114.298	114.298	3453.000	114.298	114.298	3454.000	114.298	114.298
3455.000	114.298	114.298	3456.000	114.298	114.298	3457.000	114.298	114.298	3458.000	114.298	114.298
3459.000	114.298	114.298	3460.000	114.298	114.298	3461.000	114.298	114.298	3462.000	114.298	114.298
3463.000	114.298	114.298	3464.000	114.298	114.298	3465.000	114.298	114.298	3466.000	114.298	114.298
3467.000	114.298	114.298	3468.000	114.298	114.298	3469.000	114.299	114.299	3470.000	114.299	114.299
3471.000	114.299	114.299	3472.000	114.299	114.299	3473.000	114.299	114.299	3474.000	114.299	114.299
3475.000	114.299	114.299	3476.000	114.299	114.299	3477.000	114.299	114.299	3478.000	114.299	114.299
3479.000	114.299	114.299	3480.000	114.299	114.299	3481.000	114.299	114.299	3482.000	114.299	114.299
3483.000	114.299	114.299	3484.000	114.299	114.299	3485.000	114.299	114.299	3486.000	114.299	114.299
3487.000	114.299	114.299	3488.000	114.299	114.299	3489.000	114.299	114.299	3490.000	114.299	114.299
3491.000	114.299	114.299	3492.000	114.299	114.299	3493.000	114.299	114.299	3494.000	114.299	114.299
3495.000	114.299	114.299	3496.000	114.299	114.299	3497.000	114.299	114.299	3498.000	114.300	114.300
3499.000	114.300	114.300	3500.000	114.300	114.300	3501.000	114.300	114.300	3502.000	114.300	114.300
3503.000	114.300	114.300	3504.000	114.300	114.300	3505.000	114.300	114.300	3506.000	114.300	114.300
3507.000	114.300	114.300	3508.000	114.300	114.300	3509.000	114.300	114.300	3510.000	114.300	114.300
3511.000	114.300	114.300	3512.000	114.300	114.300	3513.000	114.300	114.300	3514.000	114.301	114.301
3515.000	114.301	114.301	3516.000	114.301	114.301	3517.000	114.301	114.301	3518.000	114.301	114.301
3519.000	114.302	114.302	3520.000	114.302	114.302	3521.000	114.302	114.302	3522.000	114.302	114.302
3523.000	114.303	114.303	3524.000	114.302	114.302	3525.000	114.301	114.301	3526.000	114.301	114.301
3527.000	114.300	114.300	3528.000	114.299	114.299	3529.000	114.298	114.298	3530.000	114.297	114.297
3531.000	114.297	114.297	3532.000	114.296	114.296	3533.000	114.295	114.295	3534.000	114.294	114.294
3535.000	114.293	114.293	3536.000	114.293	114.293	3537.000	114.292	114.292	3538.000	114.291	114.291

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3539.000	114.290	114.290	3540.000	114.290	114.290	3541.000	114.289	114.289	3542.000	114.288	114.288
3543.000	114.287	114.287	3544.000	114.286	114.286	3545.000	114.286	114.286	3546.000	114.285	114.285
3547.000	114.284	114.284	3548.000	114.283	114.283	3549.000	114.282	114.282	3550.000	114.281	114.281
3551.000	114.281	114.281	3552.000	114.280	114.280	3553.000	114.279	114.279	3554.000	114.278	114.278
3555.000	114.278	114.278	3556.000	114.277	114.277	3557.000	114.276	114.276	3558.000	114.275	114.275
3559.000	114.274	114.274	3560.000	114.273	114.273	3561.000	114.273	114.273	3562.000	114.272	114.272
3563.000	114.271	114.271	3564.000	114.270	114.270	3565.000	114.269	114.269	3566.000	114.269	114.269
3567.000	114.268	114.268	3568.000	114.267	114.267	3569.000	114.266	114.266	3570.000	114.265	114.265
3571.000	114.265	114.265	3572.000	114.264	114.264	3573.000	114.263	114.263	3574.000	114.262	114.262
3575.000	114.261	114.261	3576.000	114.261	114.261	3577.000	114.260	114.260	3578.000	114.259	114.259
3579.000	114.258	114.258	3580.000	114.257	114.257	3581.000	114.257	114.257	3582.000	114.256	114.256
3583.000	114.255	114.255	3584.000	114.254	114.254	3585.000	114.253	114.253	3586.000	114.253	114.253
3587.000	114.252	114.252	3588.000	114.251	114.251	3589.000	114.250	114.250	3590.000	114.249	114.249
3591.000	114.249	114.249	3592.000	114.248	114.248	3593.000	114.247	114.247	3594.000	114.246	114.246
3595.000	114.245	114.245	3596.000	114.245	114.245	3597.000	114.244	114.244	3598.000	114.243	114.243
3599.000	114.242	114.242	3600.000	114.241	114.241	3601.000	114.241	114.241	3602.000	114.240	114.240
3603.000	114.239	114.239	3604.000	114.238	114.238	3605.000	114.237	114.237	3606.000	114.237	114.237
3607.000	114.236	114.236	3608.000	114.235	114.235	3609.000	114.234	114.234	3610.000	114.233	114.233
3611.000	114.233	114.233	3612.000	114.232	114.232	3613.000	114.231	114.231	3614.000	114.230	114.230
3615.000	114.229	114.229	3616.000	114.229	114.229	3617.000	114.228	114.228	3618.000	114.227	114.227
3619.000	114.226	114.226	3620.000	114.225	114.225	3621.000	114.225	114.225	3622.000	114.224	114.224
3623.000	114.223	114.223	3624.000	114.222	114.222	3625.000	114.221	114.221	3626.000	114.220	114.220
3627.000	114.220	114.220	3628.000	114.219	114.219	3629.000	114.218	114.218	3630.000	114.217	114.217
3631.000	114.216	114.216	3632.000	114.216	114.216	3633.000	114.215	114.215	3634.000	114.214	114.214
3635.000	114.213	114.213	3636.000	114.212	114.212	3637.000	114.212	114.212	3638.000	114.211	114.211
3639.000	114.210	114.210	3640.000	114.209	114.209	3641.000	114.208	114.208	3642.000	114.208	114.208
3643.000	114.207	114.207	3644.000	114.206	114.206	3645.000	114.205	114.205	3646.000	114.204	114.204
3647.000	114.204	114.204	3648.000	114.203	114.203	3649.000	114.202	114.202	3650.000	114.201	114.201
3651.000	114.200	114.200	3652.000	114.200	114.200	3653.000	114.199	114.199	3654.000	114.198	114.198
3655.000	114.197	114.197	3656.000	114.196	114.196	3657.000	114.195	114.195	3658.000	114.195	114.195
3659.000	114.194	114.194	3660.000	114.193	114.193	3661.000	114.192	114.192	3662.000	114.191	114.191
3663.000	114.191	114.191	3664.000	114.190	114.190	3665.000	114.189	114.189	3666.000	114.188	114.188
3667.000	114.187	114.187	3668.000	114.187	114.187	3669.000	114.186	114.186	3670.000	114.185	114.185
3671.000	114.184	114.184	3672.000	114.183	114.183	3673.000	114.183	114.183	3674.000	114.182	114.182
3675.000	114.181	114.181	3676.000	114.180	114.180	3677.000	114.179	114.179	3678.000	114.178	114.178
3679.000	114.178	114.178	3680.000	114.177	114.177	3681.000	114.176	114.176	3682.000	114.175	114.175
3683.000	114.174	114.174	3684.000	114.174	114.174	3685.000	114.173	114.173	3686.000	114.172	114.172

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3687.000	114.171	114.171	3688.000	114.170	114.170	3689.000	114.170	114.170	3690.000	114.169	114.169
3691.000	114.168	114.168	3692.000	114.167	114.167	3693.000	114.166	114.166	3694.000	114.166	114.166
3695.000	114.165	114.165	3696.000	114.164	114.164	3697.000	114.163	114.163	3698.000	114.162	114.162
3699.000	114.161	114.161	3700.000	114.161	114.161	3701.000	114.160	114.160	3702.000	114.159	114.159
3703.000	114.158	114.158	3704.000	114.157	114.157	3705.000	114.157	114.157	3706.000	114.156	114.156
3707.000	114.155	114.155	3708.000	114.154	114.154	3709.000	114.153	114.153	3710.000	114.153	114.153
3711.000	114.152	114.152	3712.000	114.151	114.151	3713.000	114.150	114.150	3714.000	114.149	114.149
3715.000	114.149	114.149	3716.000	114.148	114.148	3717.000	114.147	114.147	3718.000	114.146	114.146
3719.000	114.145	114.145	3720.000	114.144	114.144	3721.000	114.144	114.144	3722.000	114.143	114.143
3723.000	114.142	114.142	3724.000	114.141	114.141	3725.000	114.140	114.140	3726.000	114.140	114.140
3727.000	114.139	114.139	3728.000	114.138	114.138	3729.000	114.137	114.137	3730.000	114.136	114.136
3731.000	114.136	114.136	3732.000	114.135	114.135	3733.000	114.134	114.134	3734.000	114.133	114.133
3735.000	114.132	114.132	3736.000	114.131	114.131	3737.000	114.131	114.131	3738.000	114.130	114.130
3739.000	114.129	114.129	3740.000	114.128	114.128	3741.000	114.127	114.127	3742.000	114.127	114.127
3743.000	114.126	114.126	3744.000	114.125	114.125	3745.000	114.124	114.124	3746.000	114.123	114.123
3747.000	114.122	114.122	3748.000	114.122	114.122	3749.000	114.121	114.121	3750.000	114.120	114.120
3751.000	114.119	114.119	3752.000	114.118	114.118	3753.000	114.118	114.118	3754.000	114.117	114.117
3755.000	114.116	114.116	3756.000	114.115	114.115	3757.000	114.114	114.114	3758.000	114.114	114.114
3759.000	114.113	114.113	3760.000	114.112	114.112	3761.000	114.111	114.111	3762.000	114.110	114.110
3763.000	114.109	114.109	3764.000	114.109	114.109	3765.000	114.108	114.108	3766.000	114.107	114.107
3767.000	114.106	114.106	3768.000	114.105	114.105	3769.000	114.105	114.105	3770.000	114.104	114.104
3771.000	114.103	114.103	3772.000	114.102	114.102	3773.000	114.101	114.101	3774.000	114.100	114.100
3775.000	114.100	114.100	3776.000	114.099	114.099	3777.000	114.098	114.098	3778.000	114.097	114.097
3779.000	114.096	114.096	3780.000	114.096	114.096	3781.000	114.095	114.095	3782.000	114.094	114.094
3783.000	114.093	114.093	3784.000	114.092	114.092	3785.000	114.092	114.092	3786.000	114.091	114.091
3787.000	114.090	114.090	3788.000	114.089	114.089	3789.000	114.088	114.088	3790.000	114.087	114.087
3791.000	114.087	114.087	3792.000	114.086	114.086	3793.000	114.085	114.085	3794.000	114.084	114.084
3795.000	114.083	114.083	3796.000	114.083	114.083	3797.000	114.082	114.082	3798.000	114.081	114.081
3799.000	114.080	114.080	3800.000	114.079	114.079	3801.000	114.078	114.078	3802.000	114.078	114.078
3803.000	114.077	114.077	3804.000	114.076	114.076	3805.000	114.075	114.075	3806.000	114.074	114.074
3807.000	114.074	114.074	3808.000	114.073	114.073	3809.000	114.072	114.072	3810.000	114.071	114.071
3811.000	114.070	114.070	3812.000	114.069	114.069	3813.000	114.069	114.069	3814.000	114.068	114.068
3815.000	114.067	114.067	3816.000	114.066	114.066	3817.000	114.065	114.065	3818.000	114.065	114.065
3819.000	114.064	114.064	3820.000	114.063	114.063	3821.000	114.062	114.062	3822.000	114.061	114.061
3823.000	114.060	114.060	3824.000	114.060	114.060	3825.000	114.059	114.059	3826.000	114.058	114.058
3827.000	114.057	114.057	3828.000	114.056	114.056	3829.000	114.056	114.056	3830.000	114.055	114.055
3831.000	114.054	114.054	3832.000	114.053	114.053	3833.000	114.052	114.052	3834.000	114.051	114.051

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3835.000	114.051	114.051	3836.000	114.050	114.050	3837.000	114.049	114.049	3838.000	114.048	114.048
3839.000	114.047	114.047	3840.000	114.046	114.046	3841.000	114.046	114.046	3842.000	114.045	114.045
3843.000	114.044	114.044	3844.000	114.044	114.044	3845.000	114.043	114.043	3846.000	114.043	114.043
3847.000	114.043	114.043	3848.000	114.043	114.043	3849.000	114.042	114.042	3850.000	114.042	114.042
3851.000	114.042	114.042	3852.000	114.042	114.042	3853.000	114.041	114.041	3854.000	114.041	114.041
3855.000	114.041	114.041	3856.000	114.040	114.040	3857.000	114.040	114.040	3858.000	114.040	114.040
3859.000	114.040	114.040	3860.000	114.039	114.039	3861.000	114.039	114.039	3862.000	114.039	114.039
3863.000	114.038	114.038	3864.000	114.038	114.038	3865.000	114.038	114.038	3866.000	114.038	114.038
3867.000	114.037	114.037	3868.000	114.037	114.037	3869.000	114.037	114.037	3870.000	114.037	114.037
3871.000	114.036	114.036	3872.000	114.036	114.036	3873.000	114.036	114.036	3874.000	114.035	114.035
3875.000	114.035	114.035	3876.000	114.035	114.035	3877.000	114.035	114.035	3878.000	114.034	114.034
3879.000	114.034	114.034	3880.000	114.034	114.034	3881.000	114.033	114.033	3882.000	114.033	114.033
3883.000	114.033	114.033	3884.000	114.033	114.033	3885.000	114.032	114.032	3886.000	114.032	114.032
3887.000	114.032	114.032	3888.000	114.032	114.032	3889.000	114.031	114.031	3890.000	114.031	114.031
3891.000	114.031	114.031	3892.000	114.030	114.030	3893.000	114.030	114.030	3894.000	114.030	114.030
3895.000	114.030	114.030	3896.000	114.029	114.029	3897.000	114.029	114.029	3898.000	114.029	114.029
3899.000	114.028	114.028	3900.000	114.028	114.028	3901.000	114.028	114.028	3902.000	114.028	114.028
3903.000	114.027	114.027	3904.000	114.027	114.027	3905.000	114.027	114.027	3906.000	114.026	114.026
3907.000	114.026	114.026	3908.000	114.026	114.026	3909.000	114.026	114.026	3910.000	114.025	114.025
3911.000	114.025	114.025	3912.000	114.025	114.025	3913.000	114.024	114.024	3914.000	114.024	114.024
3915.000	114.024	114.024	3916.000	114.024	114.024	3917.000	114.023	114.023	3918.000	114.023	114.023
3919.000	114.023	114.023	3920.000	114.023	114.023	3921.000	114.022	114.022	3922.000	114.022	114.022
3923.000	114.022	114.022	3924.000	114.021	114.021	3925.000	114.021	114.021	3926.000	114.021	114.021
3927.000	114.021	114.021	3928.000	114.020	114.020	3929.000	114.020	114.020	3930.000	114.020	114.020
3931.000	114.019	114.019	3932.000	114.019	114.019	3933.000	114.019	114.019	3934.000	114.019	114.019
3935.000	114.018	114.018	3936.000	114.018	114.018	3937.000	114.018	114.018	3938.000	114.017	114.017
3939.000	114.017	114.017	3940.000	114.017	114.017	3941.000	114.017	114.017	3942.000	114.016	114.016
3943.000	114.016	114.016	3944.000	114.016	114.016	3945.000	114.015	114.015	3946.000	114.015	114.015
3947.000	114.015	114.015	3948.000	114.015	114.015	3949.000	114.014	114.014	3950.000	114.014	114.014
3951.000	114.014	114.014	3952.000	114.013	114.013	3953.000	114.013	114.013	3954.000	114.013	114.013
3955.000	114.013	114.013	3956.000	114.012	114.012	3957.000	114.012	114.012	3958.000	114.012	114.012
3959.000	114.011	114.011	3960.000	114.011	114.011	3961.000	114.011	114.011	3962.000	114.010	114.010
3963.000	114.010	114.010	3964.000	114.010	114.010	3965.000	114.010	114.010	3966.000	114.009	114.009
3967.000	114.009	114.009	3968.000	114.009	114.009	3969.000	114.008	114.008	3970.000	114.008	114.008
3971.000	114.008	114.008	3972.000	114.008	114.008	3973.000	114.007	114.007	3974.000	114.007	114.007
3975.000	114.007	114.007	3976.000	114.006	114.006	3977.000	114.006	114.006	3978.000	114.006	114.006
3979.000	114.006	114.006	3980.000	114.005	114.005	3981.000	114.005	114.005	3982.000	114.005	114.005

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

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BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3983.000	114.004	114.004	3984.000	114.004	114.004	3985.000	114.004	114.004	3986.000	114.004	114.004
3987.000	114.003	114.003	3988.000	114.003	114.003	3989.000	114.003	114.003	3990.000	114.002	114.002
3991.000	114.002	114.002	3992.000	114.002	114.002	3993.000	114.002	114.002	3994.000	114.001	114.001
3995.000	114.001	114.001	3996.000	114.001	114.001	3997.000	114.000	114.000	3998.000	114.000	114.000
3999.000	114.000	114.000	4000.000	113.999	113.999	4001.000	113.999	113.999	4002.000	113.999	113.999
4003.000	113.999	113.999	4004.000	113.998	113.998	4005.000	113.998	113.998	4006.000	113.998	113.998
4007.000	113.997	113.997	4008.000	113.997	113.997	4009.000	113.997	113.997	4010.000	113.997	113.997
4011.000	113.996	113.996	4012.000	113.996	113.996	4013.000	113.996	113.996	4014.000	113.995	113.995
4015.000	113.995	113.995	4016.000	113.995	113.995	4017.000	113.994	113.994	4018.000	113.994	113.994
4019.000	113.994	113.994	4020.000	113.994	113.994	4021.000	113.993	113.993	4022.000	113.993	113.993
4023.000	113.993	113.993	4024.000	113.992	113.992	4025.000	113.992	113.992	4026.000	113.992	113.992
4027.000	113.991	113.991	4028.000	113.991	113.991	4029.000	113.991	113.991	4030.000	113.990	113.990
4031.000	113.990	113.990	4032.000	113.990	113.990	4033.000	113.989	113.989	4034.000	113.989	113.989
4035.000	113.989	113.989	4036.000	113.988	113.988	4037.000	113.988	113.988	4038.000	113.988	113.988
4039.000	113.987	113.987	4040.000	113.987	113.987	4041.000	113.987	113.987	4042.000	113.986	113.986
4043.000	113.986	113.986	4044.000	113.986	113.986	4045.000	113.985	113.985	4046.000	113.985	113.985
4047.000	113.985	113.985	4048.000	113.984	113.984	4049.000	113.984	113.984	4050.000	113.984	113.984
4051.000	113.983	113.983	4052.000	113.983	113.983	4053.000	113.983	113.983	4054.000	113.982	113.982
4055.000	113.982	113.982	4056.000	113.982	113.982	4057.000	113.981	113.981	4058.000	113.981	113.981
4059.000	113.981	113.981	4060.000	113.980	113.980	4061.000	113.980	113.980	4062.000	113.980	113.980
4063.000	113.979	113.979	4064.000	113.979	113.979	4065.000	113.979	113.979	4066.000	113.978	113.978
4067.000	113.978	113.978	4068.000	113.978	113.978	4069.000	113.977	113.977	4070.000	113.977	113.977
4071.000	113.977	113.977	4072.000	113.976	113.976	4073.000	113.976	113.976	4074.000	113.976	113.976
4075.000	113.975	113.975	4076.000	113.975	113.975	4077.000	113.975	113.975	4078.000	113.974	113.974
4079.000	113.974	113.974	4080.000	113.974	113.974	4081.000	113.973	113.973	4082.000	113.973	113.973
4083.000	113.973	113.973	4084.000	113.972	113.972	4085.000	113.972	113.972	4086.000	113.972	113.972
4087.000	113.971	113.971	4088.000	113.971	113.971	4089.000	113.971	113.971	4090.000	113.970	113.970
4091.000	113.970	113.970	4092.000	113.970	113.970	4093.000	113.969	113.969	4094.000	113.969	113.969
4095.000	113.969	113.969	4096.000	113.968	113.968	4097.000	113.968	113.968	4098.000	113.967	113.967
4099.000	113.967	113.967	4100.000	113.967	113.967	4101.000	113.966	113.966	4102.000	113.966	113.966
4103.000	113.966	113.966	4104.000	113.965	113.965	4105.000	113.965	113.965	4106.000	113.965	113.965
4107.000	113.964	113.964	4108.000	113.964	113.964	4109.000	113.964	113.964	4110.000	113.963	113.963
4111.000	113.963	113.963	4112.000	113.963	113.963	4113.000	113.962	113.962	4114.000	113.962	113.962
4115.000	113.962	113.962	4116.000	113.961	113.961	4117.000	113.961	113.961	4118.000	113.961	113.961
4119.000	113.960	113.960	4120.000	113.960	113.960	4121.000	113.960	113.960	4122.000	113.959	113.959
4123.000	113.959	113.959	4124.000	113.959	113.959	4125.000	113.958	113.958	4126.000	113.958	113.958
4127.000	113.958	113.958	4128.000	113.957	113.957	4129.000	113.957	113.957	4130.000	113.957	113.957

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4131.000	113.956	113.956	4132.000	113.956	113.956	4133.000	113.956	113.956	4134.000	113.955	113.955
4135.000	113.955	113.955	4136.000	113.954	113.954	4137.000	113.954	113.954	4138.000	113.954	113.954
4139.000	113.953	113.953	4140.000	113.953	113.953	4141.000	113.953	113.953	4142.000	113.952	113.952
4143.000	113.952	113.952	4144.000	113.952	113.952	4145.000	113.951	113.951	4146.000	113.951	113.951
4147.000	113.951	113.951	4148.000	113.950	113.950	4149.000	113.950	113.950	4150.000	113.950	113.950
4151.000	113.949	113.949	4152.000	113.949	113.949	4153.000	113.949	113.949	4154.000	113.948	113.948
4155.000	113.948	113.948	4156.000	113.948	113.948	4157.000	113.947	113.947	4158.000	113.947	113.947
4159.000	113.947	113.947	4160.000	113.946	113.946	4161.000	113.946	113.946	4162.000	113.946	113.946
4163.000	113.945	113.945	4164.000	113.945	113.945	4165.000	113.944	113.944	4166.000	113.944	113.944
4167.000	113.944	113.944	4168.000	113.943	113.943	4169.000	113.943	113.943	4170.000	113.943	113.943
4171.000	113.942	113.942	4172.000	113.942	113.942	4173.000	113.942	113.942	4174.000	113.941	113.941
4175.000	113.941	113.941	4176.000	113.941	113.941	4177.000	113.940	113.940	4178.000	113.940	113.940
4179.000	113.940	113.940	4180.000	113.939	113.939	4181.000	113.939	113.939	4182.000	113.939	113.939
4183.000	113.938	113.938	4184.000	113.938	113.938	4185.000	113.938	113.938	4186.000	113.937	113.937
4187.000	113.937	113.937	4188.000	113.936	113.936	4189.000	113.936	113.936	4190.000	113.936	113.936
4191.000	113.935	113.935	4192.000	113.935	113.935	4193.000	113.935	113.935	4194.000	113.934	113.934
4195.000	113.934	113.934	4196.000	113.934	113.934	4197.000	113.933	113.933	4198.000	113.933	113.933
4199.000	113.933	113.933	4200.000	113.932	113.932	4201.000	113.932	113.932	4202.000	113.932	113.932
4203.000	113.931	113.931	4204.000	113.931	113.931	4205.000	113.931	113.931	4206.000	113.930	113.930
4207.000	113.930	113.930	4208.000	113.929	113.929	4209.000	113.929	113.929	4210.000	113.929	113.929
4211.000	113.929	113.929	4212.000	113.929	113.929	4213.000	113.929	113.929	4214.000	113.929	113.929
4215.000	113.928	113.928	4216.000	113.928	113.928	4217.000	113.928	113.928	4218.000	113.928	113.928
4219.000	113.928	113.928	4220.000	113.928	113.928	4221.000	113.928	113.928	4222.000	113.927	113.927
4223.000	113.927	113.927	4224.000	113.927	113.927	4225.000	113.927	113.927	4226.000	113.927	113.927
4227.000	113.927	113.927	4228.000	113.926	113.926	4229.000	113.926	113.926	4230.000	113.926	113.926
4231.000	113.926	113.926	4232.000	113.926	113.926	4233.000	113.926	113.926	4234.000	113.926	113.926
4235.000	113.925	113.925	4236.000	113.925	113.925	4237.000	113.925	113.925	4238.000	113.925	113.925
4239.000	113.925	113.925	4240.000	113.925	113.925	4241.000	113.925	113.925	4242.000	113.924	113.924
4243.000	113.924	113.924	4244.000	113.924	113.924	4245.000	113.924	113.924	4246.000	113.924	113.924
4247.000	113.924	113.924	4248.000	113.924	113.924	4249.000	113.923	113.923	4250.000	113.923	113.923
4251.000	113.923	113.923	4252.000	113.923	113.923	4253.000	113.923	113.923	4254.000	113.923	113.923
4255.000	113.922	113.922	4256.000	113.922	113.922	4257.000	113.922	113.922	4258.000	113.922	113.922
4259.000	113.922	113.922	4260.000	113.922	113.922	4261.000	113.922	113.922	4262.000	113.921	113.921
4263.000	113.921	113.921	4264.000	113.921	113.921	4265.000	113.921	113.921	4266.000	113.921	113.921
4267.000	113.921	113.921	4268.000	113.921	113.921	4269.000	113.920	113.920	4270.000	113.920	113.920
4271.000	113.920	113.920	4272.000	113.920	113.920	4273.000	113.920	113.920	4274.000	113.920	113.920
4275.000	113.919	113.919	4276.000	113.919	113.919	4277.000	113.919	113.919	4278.000	113.919	113.919

Project: Clinton Flex Study  
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Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4279.000	113.919	113.919	4280.000	113.919	113.919	4281.000	113.919	113.919	4282.000	113.918	113.918
4283.000	113.918	113.918	4284.000	113.918	113.918	4285.000	113.918	113.918	4286.000	113.918	113.918
4287.000	113.918	113.918	4288.000	113.918	113.918	4289.000	113.917	113.917	4290.000	113.917	113.917
4291.000	113.917	113.917	4292.000	113.917	113.917	4293.000	113.917	113.917	4294.000	113.917	113.917
4295.000	113.916	113.916	4296.000	113.916	113.916	4297.000	113.916	113.916	4298.000	113.916	113.916
4299.000	113.916	113.916	4300.000	113.916	113.916	4301.000	113.916	113.916	4302.000	113.915	113.915
4303.000	113.915	113.915	4304.000	113.915	113.915	4305.000	113.915	113.915	4306.000	113.915	113.915
4307.000	113.915	113.915	4308.000	113.915	113.915	4309.000	113.914	113.914	4310.000	113.914	113.914
4311.000	113.914	113.914	4312.000	113.914	113.914	4313.000	113.914	113.914	4314.000	113.914	113.914
4315.000	113.913	113.913	4316.000	113.913	113.913	4317.000	113.913	113.913	4318.000	113.913	113.913
4319.000	113.913	113.913	4320.000	113.913	113.913	4321.000	113.913	113.913	4322.000	113.912	113.912
4323.000	113.912	113.912	4324.000	113.912	113.912	4325.000	113.912	113.912	4326.000	113.912	113.912
4327.000	113.912	113.912	4328.000	113.911	113.911	4329.000	113.911	113.911	4330.000	113.911	113.911
4331.000	113.911	113.911	4332.000	113.911	113.911	4333.000	113.911	113.911	4334.000	113.911	113.911
4335.000	113.910	113.910	4336.000	113.910	113.910	4337.000	113.910	113.910	4338.000	113.910	113.910
4339.000	113.910	113.910	4340.000	113.910	113.910	4341.000	113.909	113.909	4342.000	113.909	113.909
4343.000	113.909	113.909	4344.000	113.909	113.909	4345.000	113.909	113.909	4346.000	113.909	113.909
4347.000	113.909	113.909	4348.000	113.908	113.908	4349.000	113.908	113.908	4350.000	113.908	113.908
4351.000	113.908	113.908	4352.000	113.908	113.908	4353.000	113.908	113.908	4354.000	113.907	113.907
4355.000	113.907	113.907	4356.000	113.907	113.907	4357.000	113.907	113.907	4358.000	113.907	113.907
4359.000	113.907	113.907	4360.000	113.907	113.907	4361.000	113.906	113.906	4362.000	113.906	113.906
4363.000	113.906	113.906	4364.000	113.906	113.906	4365.000	113.906	113.906	4366.000	113.906	113.906
4367.000	113.905	113.905	4368.000	113.905	113.905	4369.000	113.905	113.905	4370.000	113.905	113.905
4371.000	113.905	113.905	4372.000	113.905	113.905	4373.000	113.904	113.904	4374.000	113.904	113.904
4375.000	113.904	113.904	4376.000	113.904	113.904	4377.000	113.904	113.904	4378.000	113.904	113.904
4379.000	113.904	113.904	4380.000	113.903	113.903	4381.000	113.903	113.903	4382.000	113.903	113.903
4383.000	113.903	113.903	4384.000	113.903	113.903	4385.000	113.903	113.903	4386.000	113.902	113.902
4387.000	113.902	113.902	4388.000	113.902	113.902	4389.000	113.902	113.902	4390.000	113.902	113.902
4391.000	113.902	113.902	4392.000	113.901	113.901	4393.000	113.901	113.901	4394.000	113.901	113.901
4395.000	113.901	113.901	4396.000	113.901	113.901	4397.000	113.901	113.901	4398.000	113.901	113.901
4399.000	113.900	113.900	4400.000	113.900	113.900	4401.000	113.900	113.900	4402.000	113.900	113.900
4403.000	113.900	113.900	4404.000	113.900	113.900	4405.000	113.899	113.899	4406.000	113.899	113.899
4407.000	113.899	113.899	4408.000	113.899	113.899	4409.000	113.899	113.899	4410.000	113.899	113.899
4411.000	113.898	113.898	4412.000	113.898	113.898	4413.000	113.898	113.898	4414.000	113.898	113.898
4415.000	113.898	113.898	4416.000	113.898	113.898	4417.000	113.898	113.898	4418.000	113.897	113.897
4419.000	113.897	113.897	4420.000	113.897	113.897	4421.000	113.897	113.897	4422.000	113.897	113.897
4423.000	113.897	113.897	4424.000	113.896	113.896	4425.000	113.896	113.896	4426.000	113.896	113.896

Project: Clinton Flex Study  
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Contract:  
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Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4427.000	113.896	113.896	4428.000	113.896	113.896	4429.000	113.896	113.896	4430.000	113.895	113.895
4431.000	113.895	113.895	4432.000	113.895	113.895	4433.000	113.895	113.895	4434.000	113.895	113.895
4435.000	113.895	113.895	4436.000	113.894	113.894	4437.000	113.894	113.894	4438.000	113.894	113.894
4439.000	113.894	113.894	4440.000	113.894	113.894	4441.000	113.894	113.894	4442.000	113.894	113.894
4443.000	113.893	113.893	4444.000	113.893	113.893	4445.000	113.893	113.893	4446.000	113.893	113.893
4447.000	113.893	113.893	4448.000	113.893	113.893	4449.000	113.892	113.892	4450.000	113.892	113.892
4451.000	113.892	113.892	4452.000	113.892	113.892	4453.000	113.892	113.892	4454.000	113.892	113.892
4455.000	113.891	113.891	4456.000	113.891	113.891	4457.000	113.891	113.891	4458.000	113.891	113.891
4459.000	113.891	113.891	4460.000	113.891	113.891	4461.000	113.890	113.890	4462.000	113.890	113.890
4463.000	113.890	113.890	4464.000	113.890	113.890	4465.000	113.890	113.890	4466.000	113.890	113.890
4467.000	113.889	113.889	4468.000	113.889	113.889	4469.000	113.889	113.889	4470.000	113.889	113.889
4471.000	113.889	113.889	4472.000	113.889	113.889	4473.000	113.888	113.888	4474.000	113.888	113.888
4475.000	113.888	113.888	4476.000	113.888	113.888	4477.000	113.888	113.888	4478.000	113.888	113.888
4479.000	113.887	113.887	4480.000	113.887	113.887	4481.000	113.887	113.887	4482.000	113.887	113.887
4483.000	113.887	113.887	4484.000	113.887	113.887	4485.000	113.886	113.886	4486.000	113.886	113.886
4487.000	113.886	113.886	4488.000	113.886	113.886	4489.000	113.886	113.886	4490.000	113.886	113.886
4491.000	113.886	113.886	4492.000	113.885	113.885	4493.000	113.885	113.885	4494.000	113.885	113.885
4495.000	113.885	113.885	4496.000	113.885	113.885	4497.000	113.885	113.885	4498.000	113.884	113.884
4499.000	113.884	113.884	4500.000	113.884	113.884	4501.000	113.884	113.884	4502.000	113.884	113.884
4503.000	113.884	113.884	4504.000	113.883	113.883	4505.000	113.883	113.883	4506.000	113.883	113.883
4507.000	113.883	113.883	4508.000	113.883	113.883	4509.000	113.883	113.883	4510.000	113.882	113.882
4511.000	113.882	113.882	4512.000	113.882	113.882	4513.000	113.882	113.882	4514.000	113.882	113.882
4515.000	113.882	113.882	4516.000	113.881	113.881	4517.000	113.881	113.881	4518.000	113.881	113.881
4519.000	113.881	113.881	4520.000	113.881	113.881	4521.000	113.881	113.881	4522.000	113.880	113.880
4523.000	113.880	113.880	4524.000	113.880	113.880	4525.000	113.880	113.880	4526.000	113.880	113.880
4527.000	113.880	113.880	4528.000	113.879	113.879	4529.000	113.879	113.879	4530.000	113.879	113.879
4531.000	113.879	113.879	4532.000	113.879	113.879	4533.000	113.879	113.879	4534.000	113.878	113.878
4535.000	113.878	113.878	4536.000	113.878	113.878	4537.000	113.878	113.878	4538.000	113.878	113.878
4539.000	113.878	113.878	4540.000	113.877	113.877	4541.000	113.877	113.877	4542.000	113.877	113.877
4543.000	113.877	113.877	4544.000	113.877	113.877	4545.000	113.876	113.876	4546.000	113.876	113.876
4547.000	113.876	113.876	4548.000	113.876	113.876	4549.000	113.876	113.876	4550.000	113.876	113.876
4551.000	113.875	113.875	4552.000	113.875	113.875	4553.000	113.875	113.875	4554.000	113.875	113.875
4555.000	113.875	113.875	4556.000	113.875	113.875	4557.000	113.874	113.874	4558.000	113.874	113.874
4559.000	113.874	113.874	4560.000	113.874	113.874	4561.000	113.874	113.874	4562.000	113.874	113.874
4563.000	113.873	113.873	4564.000	113.873	113.873	4565.000	113.873	113.873	4566.000	113.873	113.873
4567.000	113.873	113.873	4568.000	113.873	113.873	4569.000	113.872	113.872	4570.000	113.872	113.872
4571.000	113.872	113.872	4572.000	113.872	113.872	4573.000	113.872	113.872	4574.000	113.871	113.871

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4575.000	113.871	113.871	4576.000	113.871	113.871	4577.000	113.870	113.870	4578.000	113.870	113.870
4579.000	113.870	113.870	4580.000	113.869	113.869	4581.000	113.869	113.869	4582.000	113.869	113.869
4583.000	113.868	113.868	4584.000	113.868	113.868	4585.000	113.868	113.868	4586.000	113.867	113.867
4587.000	113.867	113.867	4588.000	113.866	113.866	4589.000	113.866	113.866	4590.000	113.866	113.866
4591.000	113.865	113.865	4592.000	113.865	113.865	4593.000	113.865	113.865	4594.000	113.864	113.864
4595.000	113.864	113.864	4596.000	113.864	113.864	4597.000	113.863	113.863	4598.000	113.863	113.863
4599.000	113.862	113.862	4600.000	113.862	113.862	4601.000	113.862	113.862	4602.000	113.861	113.861
4603.000	113.861	113.861	4604.000	113.861	113.861	4605.000	113.860	113.860	4606.000	113.860	113.860
4607.000	113.860	113.860	4608.000	113.859	113.859	4609.000	113.859	113.859	4610.000	113.859	113.859
4611.000	113.858	113.858	4612.000	113.858	113.858	4613.000	113.857	113.857	4614.000	113.857	113.857
4615.000	113.857	113.857	4616.000	113.856	113.856	4617.000	113.856	113.856	4618.000	113.856	113.856
4619.000	113.855	113.855	4620.000	113.855	113.855	4621.000	113.855	113.855	4622.000	113.854	113.854
4623.000	113.854	113.854	4624.000	113.853	113.853	4625.000	113.853	113.853	4626.000	113.853	113.853
4627.000	113.852	113.852	4628.000	113.852	113.852	4629.000	113.852	113.852	4630.000	113.851	113.851
4631.000	113.851	113.851	4632.000	113.851	113.851	4633.000	113.850	113.850	4634.000	113.850	113.850
4635.000	113.849	113.849	4636.000	113.849	113.849	4637.000	113.849	113.849	4638.000	113.848	113.848
4639.000	113.848	113.848	4640.000	113.848	113.848	4641.000	113.847	113.847	4642.000	113.847	113.847
4643.000	113.847	113.847	4644.000	113.846	113.846	4645.000	113.846	113.846	4646.000	113.845	113.845
4647.000	113.845	113.845	4648.000	113.845	113.845	4649.000	113.844	113.844	4650.000	113.844	113.844
4651.000	113.844	113.844	4652.000	113.843	113.843	4653.000	113.843	113.843	4654.000	113.843	113.843
4655.000	113.842	113.842	4656.000	113.842	113.842	4657.000	113.841	113.841	4658.000	113.841	113.841
4659.000	113.841	113.841	4660.000	113.840	113.840	4661.000	113.840	113.840	4662.000	113.840	113.840
4663.000	113.839	113.839	4664.000	113.839	113.839	4665.000	113.838	113.838	4666.000	113.838	113.838
4667.000	113.838	113.838	4668.000	113.837	113.837	4669.000	113.837	113.837	4670.000	113.837	113.837
4671.000	113.836	113.836	4672.000	113.836	113.836	4673.000	113.836	113.836	4674.000	113.835	113.835
4675.000	113.835	113.835	4676.000	113.834	113.834	4677.000	113.834	113.834	4678.000	113.834	113.834
4679.000	113.833	113.833	4680.000	113.833	113.833	4681.000	113.833	113.833	4682.000	113.832	113.832
4683.000	113.832	113.832	4684.000	113.831	113.831	4685.000	113.831	113.831	4686.000	113.831	113.831
4687.000	113.830	113.830	4688.000	113.830	113.830	4689.000	113.830	113.830	4690.000	113.829	113.829
4691.000	113.829	113.829	4692.000	113.829	113.829	4693.000	113.828	113.828	4694.000	113.828	113.828
4695.000	113.827	113.827	4696.000	113.827	113.827	4697.000	113.827	113.827	4698.000	113.826	113.826
4699.000	113.826	113.826	4700.000	113.826	113.826	4701.000	113.825	113.825	4702.000	113.825	113.825
4703.000	113.824	113.824	4704.000	113.824	113.824	4705.000	113.824	113.824	4706.000	113.823	113.823
4707.000	113.823	113.823	4708.000	113.823	113.823	4709.000	113.822	113.822	4710.000	113.822	113.822
4711.000	113.821	113.821	4712.000	113.821	113.821	4713.000	113.821	113.821	4714.000	113.820	113.820
4715.000	113.820	113.820	4716.000	113.820	113.820	4717.000	113.819	113.819	4718.000	113.819	113.819
4719.000	113.818	113.818	4720.000	113.818	113.818	4721.000	113.818	113.818	4722.000	113.817	113.817

Project: Clinton Flex Study  
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Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4723.000	113.817	113.817	4724.000	113.817	113.817	4725.000	113.816	113.816	4726.000	113.816	113.816
4727.000	113.815	113.815	4728.000	113.815	113.815	4729.000	113.815	113.815	4730.000	113.814	113.814
4731.000	113.814	113.814	4732.000	113.814	113.814	4733.000	113.813	113.813	4734.000	113.813	113.813
4735.000	113.812	113.812	4736.000	113.812	113.812	4737.000	113.812	113.812	4738.000	113.811	113.811
4739.000	113.811	113.811	4740.000	113.811	113.811	4741.000	113.810	113.810	4742.000	113.810	113.810
4743.000	113.809	113.809	4744.000	113.809	113.809	4745.000	113.809	113.809	4746.000	113.808	113.808
4747.000	113.808	113.808	4748.000	113.807	113.807	4749.000	113.807	113.807	4750.000	113.807	113.807
4751.000	113.806	113.806	4752.000	113.806	113.806	4753.000	113.806	113.806	4754.000	113.805	113.805
4755.000	113.805	113.805	4756.000	113.804	113.804	4757.000	113.804	113.804	4758.000	113.804	113.804
4759.000	113.803	113.803	4760.000	113.803	113.803	4761.000	113.803	113.803	4762.000	113.802	113.802
4763.000	113.802	113.802	4764.000	113.801	113.801	4765.000	113.801	113.801	4766.000	113.801	113.801
4767.000	113.800	113.800	4768.000	113.800	113.800	4769.000	113.799	113.799	4770.000	113.799	113.799
4771.000	113.799	113.799	4772.000	113.798	113.798	4773.000	113.798	113.798	4774.000	113.798	113.798
4775.000	113.797	113.797	4776.000	113.797	113.797	4777.000	113.796	113.796	4778.000	113.796	113.796
4779.000	113.796	113.796	4780.000	113.795	113.795	4781.000	113.795	113.795	4782.000	113.794	113.794
4783.000	113.794	113.794	4784.000	113.794	113.794	4785.000	113.793	113.793	4786.000	113.793	113.793
4787.000	113.793	113.793	4788.000	113.792	113.792	4789.000	113.792	113.792	4790.000	113.791	113.791
4791.000	113.791	113.791	4792.000	113.791	113.791	4793.000	113.790	113.790	4794.000	113.790	113.790
4795.000	113.789	113.789	4796.000	113.789	113.789	4797.000	113.789	113.789	4798.000	113.788	113.788
4799.000	113.788	113.788	4800.000	113.788	113.788	4801.000	113.787	113.787	4802.000	113.787	113.787
4803.000	113.786	113.786	4804.000	113.786	113.786	4805.000	113.786	113.786	4806.000	113.785	113.785
4807.000	113.785	113.785	4808.000	113.784	113.784	4809.000	113.784	113.784	4810.000	113.784	113.784
4811.000	113.783	113.783	4812.000	113.783	113.783	4813.000	113.783	113.783	4814.000	113.782	113.782
4815.000	113.782	113.782	4816.000	113.781	113.781	4817.000	113.781	113.781	4818.000	113.781	113.781
4819.000	113.780	113.780	4820.000	113.780	113.780	4821.000	113.779	113.779	4822.000	113.779	113.779
4823.000	113.779	113.779	4824.000	113.778	113.778	4825.000	113.778	113.778	4826.000	113.777	113.777
4827.000	113.777	113.777	4828.000	113.777	113.777	4829.000	113.776	113.776	4830.000	113.776	113.776
4831.000	113.776	113.776	4832.000	113.775	113.775	4833.000	113.775	113.775	4834.000	113.774	113.774
4835.000	113.774	113.774	4836.000	113.774	113.774	4837.000	113.773	113.773	4838.000	113.773	113.773
4839.000	113.772	113.772	4840.000	113.772	113.772	4841.000	113.772	113.772	4842.000	113.771	113.771
4843.000	113.771	113.771	4844.000	113.770	113.770	4845.000	113.770	113.770	4846.000	113.770	113.770
4847.000	113.769	113.769	4848.000	113.769	113.769	4849.000	113.768	113.768	4850.000	113.768	113.768
4851.000	113.768	113.768	4852.000	113.767	113.767	4853.000	113.767	113.767	4854.000	113.766	113.766
4855.000	113.766	113.766	4856.000	113.766	113.766	4857.000	113.765	113.765	4858.000	113.765	113.765
4859.000	113.764	113.764	4860.000	113.764	113.764	4861.000	113.764	113.764	4862.000	113.763	113.763
4863.000	113.763	113.763	4864.000	113.763	113.763	4865.000	113.762	113.762	4866.000	113.762	113.762
4867.000	113.761	113.761	4868.000	113.761	113.761	4869.000	113.761	113.761	4870.000	113.760	113.760

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

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DIV 1 Battery 1A 48-Hour Coping Study

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BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4871.000	113.760	113.760	4872.000	113.759	113.759	4873.000	113.759	113.759	4874.000	113.759	113.759
4875.000	113.758	113.758	4876.000	113.758	113.758	4877.000	113.757	113.757	4878.000	113.757	113.757
4879.000	113.757	113.757	4880.000	113.756	113.756	4881.000	113.756	113.756	4882.000	113.755	113.755
4883.000	113.755	113.755	4884.000	113.755	113.755	4885.000	113.754	113.754	4886.000	113.754	113.754
4887.000	113.753	113.753	4888.000	113.753	113.753	4889.000	113.753	113.753	4890.000	113.752	113.752
4891.000	113.752	113.752	4892.000	113.751	113.751	4893.000	113.751	113.751	4894.000	113.751	113.751
4895.000	113.750	113.750	4896.000	113.750	113.750	4897.000	113.749	113.749	4898.000	113.749	113.749
4899.000	113.749	113.749	4900.000	113.748	113.748	4901.000	113.748	113.748	4902.000	113.747	113.747
4903.000	113.747	113.747	4904.000	113.747	113.747	4905.000	113.746	113.746	4906.000	113.746	113.746
4907.000	113.745	113.745	4908.000	113.745	113.745	4909.000	113.745	113.745	4910.000	113.744	113.744
4911.000	113.744	113.744	4912.000	113.743	113.743	4913.000	113.743	113.743	4914.000	113.743	113.743
4915.000	113.742	113.742	4916.000	113.742	113.742	4917.000	113.741	113.741	4918.000	113.741	113.741
4919.000	113.741	113.741	4920.000	113.740	113.740	4921.000	113.740	113.740	4922.000	113.739	113.739
4923.000	113.739	113.739	4924.000	113.738	113.738	4925.000	113.738	113.738	4926.000	113.738	113.738
4927.000	113.737	113.737	4928.000	113.737	113.737	4929.000	113.736	113.736	4930.000	113.736	113.736
4931.000	113.736	113.736	4932.000	113.735	113.735	4933.000	113.735	113.735	4934.000	113.734	113.734
4935.000	113.734	113.734	4936.000	113.734	113.734	4937.000	113.733	113.733	4938.000	113.733	113.733
4939.000	113.732	113.732	4940.000	113.732	113.732	4941.000	113.732	113.732	4942.000	113.731	113.731
4943.000	113.731	113.731	4944.000	113.730	113.730	4945.000	113.730	113.730	4946.000	113.730	113.730
4947.000	113.729	113.729	4948.000	113.729	113.729	4949.000	113.728	113.728	4950.000	113.728	113.728
4951.000	113.728	113.728	4952.000	113.727	113.727	4953.000	113.727	113.727	4954.000	113.726	113.726
4955.000	113.726	113.726	4956.000	113.725	113.725	4957.000	113.725	113.725	4958.000	113.725	113.725
4959.000	113.724	113.724	4960.000	113.724	113.724	4961.000	113.723	113.723	4962.000	113.723	113.723
4963.000	113.723	113.723	4964.000	113.722	113.722	4965.000	113.722	113.722	4966.000	113.721	113.721
4967.000	113.721	113.721	4968.000	113.721	113.721	4969.000	113.720	113.720	4970.000	113.720	113.720
4971.000	113.719	113.719	4972.000	113.719	113.719	4973.000	113.718	113.718	4974.000	113.718	113.718
4975.000	113.718	113.718	4976.000	113.717	113.717	4977.000	113.717	113.717	4978.000	113.716	113.716
4979.000	113.716	113.716	4980.000	113.716	113.716	4981.000	113.715	113.715	4982.000	113.715	113.715
4983.000	113.714	113.714	4984.000	113.714	113.714	4985.000	113.714	113.714	4986.000	113.713	113.713
4987.000	113.713	113.713	4988.000	113.713	113.713	4989.000	113.713	113.713	4990.000	113.713	113.713
4991.000	113.712	113.712	4992.000	113.712	113.712	4993.000	113.712	113.712	4994.000	113.712	113.712
4995.000	113.711	113.711	4996.000	113.711	113.711	4997.000	113.711	113.711	4998.000	113.711	113.711
4999.000	113.711	113.711	5000.000	113.710	113.710	5001.000	113.710	113.710	5002.000	113.710	113.710
5003.000	113.710	113.710	5004.000	113.709	113.709	5005.000	113.709	113.709	5006.000	113.709	113.709
5007.000	113.709	113.709	5008.000	113.708	113.708	5009.000	113.708	113.708	5010.000	113.708	113.708
5011.000	113.708	113.708	5012.000	113.708	113.708	5013.000	113.707	113.707	5014.000	113.707	113.707
5015.000	113.707	113.707	5016.000	113.707	113.707	5017.000	113.706	113.706	5018.000	113.706	113.706

Project: Clinton Flex Study  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV I Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5019.000	113.706	113.706	5020.000	113.706	113.706	5021.000	113.706	113.706	5022.000	113.705	113.705
5023.000	113.705	113.705	5024.000	113.705	113.705	5025.000	113.705	113.705	5026.000	113.704	113.704
5027.000	113.704	113.704	5028.000	113.704	113.704	5029.000	113.704	113.704	5030.000	113.703	113.703
5031.000	113.703	113.703	5032.000	113.703	113.703	5033.000	113.703	113.703	5034.000	113.703	113.703
5035.000	113.702	113.702	5036.000	113.702	113.702	5037.000	113.702	113.702	5038.000	113.702	113.702
5039.000	113.701	113.701	5040.000	113.701	113.701	5041.000	113.701	113.701	5042.000	113.701	113.701
5043.000	113.701	113.701	5044.000	113.700	113.700	5045.000	113.700	113.700	5046.000	113.700	113.700
5047.000	113.700	113.700	5048.000	113.699	113.699	5049.000	113.699	113.699	5050.000	113.699	113.699
5051.000	113.699	113.699	5052.000	113.698	113.698	5053.000	113.698	113.698	5054.000	113.698	113.698
5055.000	113.698	113.698	5056.000	113.698	113.698	5057.000	113.697	113.697	5058.000	113.697	113.697
5059.000	113.697	113.697	5060.000	113.697	113.697	5061.000	113.696	113.696	5062.000	113.696	113.696
5063.000	113.696	113.696	5064.000	113.696	113.696	5065.000	113.695	113.695	5066.000	113.695	113.695
5067.000	113.695	113.695	5068.000	113.695	113.695	5069.000	113.694	113.694	5070.000	113.694	113.694
5071.000	113.694	113.694	5072.000	113.694	113.694	5073.000	113.694	113.694	5074.000	113.693	113.693
5075.000	113.693	113.693	5076.000	113.693	113.693	5077.000	113.693	113.693	5078.000	113.692	113.692
5079.000	113.692	113.692	5080.000	113.692	113.692	5081.000	113.692	113.692	5082.000	113.691	113.691
5083.000	113.691	113.691	5084.000	113.691	113.691	5085.000	113.691	113.691	5086.000	113.691	113.691
5087.000	113.690	113.690	5088.000	113.690	113.690	5089.000	113.690	113.690	5090.000	113.690	113.690
5091.000	113.689	113.689	5092.000	113.689	113.689	5093.000	113.689	113.689	5094.000	113.689	113.689
5095.000	113.688	113.688	5096.000	113.688	113.688	5097.000	113.688	113.688	5098.000	113.688	113.688
5099.000	113.687	113.687	5100.000	113.687	113.687	5101.000	113.687	113.687	5102.000	113.687	113.687
5103.000	113.687	113.687	5104.000	113.686	113.686	5105.000	113.686	113.686	5106.000	113.686	113.686
5107.000	113.686	113.686	5108.000	113.686	113.686	5109.000	113.685	113.685	5110.000	113.685	113.685
5111.000	113.685	113.685	5112.000	113.685	113.685	5113.000	113.685	113.685	5114.000	113.684	113.684
5115.000	113.684	113.684	5116.000	113.684	113.684	5117.000	113.684	113.684	5118.000	113.684	113.684
5119.000	113.684	113.684	5120.000	113.683	113.683	5121.000	113.683	113.683	5122.000	113.683	113.683
5123.000	113.683	113.683	5124.000	113.683	113.683	5125.000	113.682	113.682	5126.000	113.682	113.682
5127.000	113.682	113.682	5128.000	113.682	113.682	5129.000	113.682	113.682	5130.000	113.682	113.682
5131.000	113.681	113.681	5132.000	113.681	113.681	5133.000	113.681	113.681	5134.000	113.681	113.681
5135.000	113.681	113.681	5136.000	113.680	113.680	5137.000	113.680	113.680	5138.000	113.680	113.680
5139.000	113.680	113.680	5140.000	113.680	113.680	5141.000	113.679	113.679	5142.000	113.679	113.679
5143.000	113.679	113.679	5144.000	113.679	113.679	5145.000	113.679	113.679	5146.000	113.679	113.679
5147.000	113.678	113.678	5148.000	113.678	113.678	5149.000	113.678	113.678	5150.000	113.678	113.678
5151.000	113.678	113.678	5152.000	113.677	113.677	5153.000	113.677	113.677	5154.000	113.677	113.677
5155.000	113.677	113.677	5156.000	113.677	113.677	5157.000	113.676	113.676	5158.000	113.676	113.676
5159.000	113.676	113.676	5160.000	113.676	113.676	5161.000	113.676	113.676	5162.000	113.676	113.676
5163.000	113.675	113.675	5164.000	113.675	113.675	5165.000	113.675	113.675	5166.000	113.675	113.675

Project: Clinton Flex Study  
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Contract:  
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Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5167.000	113.675	113.675	5168.000	113.674	113.674	5169.000	113.674	113.674	5170.000	113.674	113.674
5171.000	113.674	113.674	5172.000	113.674	113.674	5173.000	113.673	113.673	5174.000	113.673	113.673
5175.000	113.673	113.673	5176.000	113.673	113.673	5177.000	113.673	113.673	5178.000	113.672	113.672
5179.000	113.672	113.672	5180.000	113.672	113.672	5181.000	113.672	113.672	5182.000	113.672	113.672
5183.000	113.671	113.671	5184.000	113.671	113.671	5185.000	113.671	113.671	5186.000	113.671	113.671
5187.000	113.671	113.671	5188.000	113.671	113.671	5189.000	113.670	113.670	5190.000	113.670	113.670
5191.000	113.670	113.670	5192.000	113.670	113.670	5193.000	113.670	113.670	5194.000	113.669	113.669
5195.000	113.669	113.669	5196.000	113.669	113.669	5197.000	113.669	113.669	5198.000	113.669	113.669
5199.000	113.668	113.668	5200.000	113.668	113.668	5201.000	113.668	113.668	5202.000	113.668	113.668
5203.000	113.668	113.668	5204.000	113.667	113.667	5205.000	113.667	113.667	5206.000	113.667	113.667
5207.000	113.667	113.667	5208.000	113.667	113.667	5209.000	113.666	113.666	5210.000	113.666	113.666
5211.000	113.666	113.666	5212.000	113.666	113.666	5213.000	113.666	113.666	5214.000	113.665	113.665
5215.000	113.665	113.665	5216.000	113.665	113.665	5217.000	113.665	113.665	5218.000	113.665	113.665
5219.000	113.664	113.664	5220.000	113.664	113.664	5221.000	113.664	113.664	5222.000	113.664	113.664
5223.000	113.664	113.664	5224.000	113.663	113.663	5225.000	113.663	113.663	5226.000	113.663	113.663
5227.000	113.663	113.663	5228.000	113.663	113.663	5229.000	113.662	113.662	5230.000	113.662	113.662
5231.000	113.662	113.662	5232.000	113.662	113.662	5233.000	113.662	113.662	5234.000	113.661	113.661
5235.000	113.661	113.661	5236.000	113.661	113.661	5237.000	113.661	113.661	5238.000	113.661	113.661
5239.000	113.660	113.660	5240.000	113.660	113.660	5241.000	113.660	113.660	5242.000	113.660	113.660
5243.000	113.660	113.660	5244.000	113.659	113.659	5245.000	113.659	113.659	5246.000	113.659	113.659
5247.000	113.659	113.659	5248.000	113.659	113.659	5249.000	113.658	113.658	5250.000	113.658	113.658
5251.000	113.658	113.658	5252.000	113.658	113.658	5253.000	113.658	113.658	5254.000	113.657	113.657
5255.000	113.657	113.657	5256.000	113.657	113.657	5257.000	113.657	113.657	5258.000	113.657	113.657
5259.000	113.656	113.656	5260.000	113.656	113.656	5261.000	113.656	113.656	5262.000	113.656	113.656
5263.000	113.656	113.656	5264.000	113.655	113.655	5265.000	113.655	113.655	5266.000	113.655	113.655
5267.000	113.655	113.655	5268.000	113.655	113.655	5269.000	113.654	113.654	5270.000	113.654	113.654
5271.000	113.654	113.654	5272.000	113.654	113.654	5273.000	113.654	113.654	5274.000	113.653	113.653
5275.000	113.653	113.653	5276.000	113.653	113.653	5277.000	113.653	113.653	5278.000	113.652	113.652
5279.000	113.652	113.652	5280.000	113.652	113.652	5281.000	113.652	113.652	5282.000	113.652	113.652
5283.000	113.651	113.651	5284.000	113.651	113.651	5285.000	113.651	113.651	5286.000	113.651	113.651
5287.000	113.651	113.651	5288.000	113.650	113.650	5289.000	113.650	113.650	5290.000	113.650	113.650
5291.000	113.650	113.650	5292.000	113.650	113.650	5293.000	113.649	113.649	5294.000	113.649	113.649
5295.000	113.649	113.649	5296.000	113.649	113.649	5297.000	113.649	113.649	5298.000	113.648	113.648
5299.000	113.648	113.648	5300.000	113.648	113.648	5301.000	113.648	113.648	5302.000	113.647	113.647
5303.000	113.647	113.647	5304.000	113.647	113.647	5305.000	113.647	113.647	5306.000	113.647	113.647
5307.000	113.646	113.646	5308.000	113.646	113.646	5309.000	113.646	113.646	5310.000	113.646	113.646
5311.000	113.646	113.646	5312.000	113.645	113.645	5313.000	113.645	113.645	5314.000	113.645	113.645

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Revision: Base

Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5315.000	113.645	113.645	5316.000	113.644	113.644	5317.000	113.644	113.644	5318.000	113.644	113.644
5319.000	113.644	113.644	5320.000	113.644	113.644	5321.000	113.643	113.643	5322.000	113.643	113.643
5323.000	113.643	113.643	5324.000	113.643	113.643	5325.000	113.643	113.643	5326.000	113.642	113.642
5327.000	113.642	113.642	5328.000	113.642	113.642	5329.000	113.642	113.642	5330.000	113.641	113.641
5331.000	113.641	113.641	5332.000	113.641	113.641	5333.000	113.641	113.641	5334.000	113.641	113.641
5335.000	113.640	113.640	5336.000	113.640	113.640	5337.000	113.640	113.640	5338.000	113.640	113.640
5339.000	113.640	113.640	5340.000	113.639	113.639	5341.000	113.639	113.639	5342.000	113.639	113.639
5343.000	113.639	113.639	5344.000	113.638	113.638	5345.000	113.638	113.638	5346.000	113.638	113.638
5347.000	113.638	113.638	5348.000	113.638	113.638	5349.000	113.637	113.637	5350.000	113.637	113.637
5351.000	113.637	113.637	5352.000	113.637	113.637	5353.000	113.637	113.637	5354.000	113.637	113.637
5355.000	113.637	113.637	5356.000	113.637	113.637	5357.000	113.636	113.636	5358.000	113.636	113.636
5359.000	113.636	113.636	5360.000	113.636	113.636	5361.000	113.636	113.636	5362.000	113.636	113.636
5363.000	113.636	113.636	5364.000	113.636	113.636	5365.000	113.635	113.635	5366.000	113.635	113.635
5367.000	113.635	113.635	5368.000	113.635	113.635	5369.000	113.635	113.635	5370.000	113.635	113.635
5371.000	113.635	113.635	5372.000	113.635	113.635	5373.000	113.634	113.634	5374.000	113.634	113.634
5375.000	113.634	113.634	5376.000	113.634	113.634	5377.000	113.634	113.634	5378.000	113.634	113.634
5379.000	113.634	113.634	5380.000	113.634	113.634	5381.000	113.633	113.633	5382.000	113.633	113.633
5383.000	113.633	113.633	5384.000	113.633	113.633	5385.000	113.633	113.633	5386.000	113.633	113.633
5387.000	113.633	113.633	5388.000	113.633	113.633	5389.000	113.633	113.633	5390.000	113.632	113.632
5391.000	113.632	113.632	5392.000	113.632	113.632	5393.000	113.632	113.632	5394.000	113.632	113.632
5395.000	113.632	113.632	5396.000	113.632	113.632	5397.000	113.632	113.632	5398.000	113.631	113.631
5399.000	113.631	113.631	5400.000	113.631	113.631	5401.000	113.631	113.631	5402.000	113.631	113.631
5403.000	113.631	113.631	5404.000	113.631	113.631	5405.000	113.631	113.631	5406.000	113.630	113.630
5407.000	113.630	113.630	5408.000	113.630	113.630	5409.000	113.630	113.630	5410.000	113.630	113.630
5411.000	113.630	113.630	5412.000	113.630	113.630	5413.000	113.630	113.630	5414.000	113.629	113.629
5415.000	113.629	113.629	5416.000	113.629	113.629	5417.000	113.629	113.629	5418.000	113.629	113.629
5419.000	113.629	113.629	5420.000	113.629	113.629	5421.000	113.629	113.629	5422.000	113.628	113.628
5423.000	113.628	113.628	5424.000	113.628	113.628	5425.000	113.628	113.628	5426.000	113.628	113.628
5427.000	113.628	113.628	5428.000	113.628	113.628	5429.000	113.628	113.628	5430.000	113.627	113.627
5431.000	113.627	113.627	5432.000	113.627	113.627	5433.000	113.627	113.627	5434.000	113.627	113.627
5435.000	113.627	113.627	5436.000	113.627	113.627	5437.000	113.627	113.627	5438.000	113.626	113.626
5439.000	113.626	113.626	5440.000	113.626	113.626	5441.000	113.626	113.626	5442.000	113.626	113.626
5443.000	113.626	113.626	5444.000	113.626	113.626	5445.000	113.625	113.625	5446.000	113.625	113.625
5447.000	113.625	113.625	5448.000	113.625	113.625	5449.000	113.625	113.625	5450.000	113.625	113.625
5451.000	113.625	113.625	5452.000	113.625	113.625	5453.000	113.624	113.624	5454.000	113.624	113.624
5455.000	113.624	113.624	5456.000	113.624	113.624	5457.000	113.624	113.624	5458.000	113.624	113.624
5459.000	113.624	113.624	5460.000	113.624	113.624	5461.000	113.623	113.623	5462.000	113.623	113.623

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5463.000	113.623	113.623	5464.000	113.623	113.623	5465.000	113.623	113.623	5466.000	113.623	113.623
5467.000	113.623	113.623	5468.000	113.623	113.623	5469.000	113.622	113.622	5470.000	113.622	113.622
5471.000	113.622	113.622	5472.000	113.622	113.622	5473.000	113.622	113.622	5474.000	113.622	113.622
5475.000	113.622	113.622	5476.000	113.621	113.621	5477.000	113.621	113.621	5478.000	113.621	113.621
5479.000	113.621	113.621	5480.000	113.621	113.621	5481.000	113.621	113.621	5482.000	113.621	113.621
5483.000	113.621	113.621	5484.000	113.620	113.620	5485.000	113.620	113.620	5486.000	113.620	113.620
5487.000	113.620	113.620	5488.000	113.620	113.620	5489.000	113.620	113.620	5490.000	113.620	113.620
5491.000	113.619	113.619	5492.000	113.619	113.619	5493.000	113.619	113.619	5494.000	113.619	113.619
5495.000	113.619	113.619	5496.000	113.619	113.619	5497.000	113.619	113.619	5498.000	113.619	113.619
5499.000	113.618	113.618	5500.000	113.618	113.618	5501.000	113.618	113.618	5502.000	113.618	113.618
5503.000	113.618	113.618	5504.000	113.618	113.618	5505.000	113.618	113.618	5506.000	113.617	113.617
5507.000	113.617	113.617	5508.000	113.617	113.617	5509.000	113.617	113.617	5510.000	113.617	113.617
5511.000	113.617	113.617	5512.000	113.617	113.617	5513.000	113.617	113.617	5514.000	113.616	113.616
5515.000	113.616	113.616	5516.000	113.616	113.616	5517.000	113.616	113.616	5518.000	113.616	113.616
5519.000	113.616	113.616	5520.000	113.616	113.616	5521.000	113.615	113.615	5522.000	113.615	113.615
5523.000	113.615	113.615	5524.000	113.615	113.615	5525.000	113.615	113.615	5526.000	113.615	113.615
5527.000	113.615	113.615	5528.000	113.614	113.614	5529.000	113.614	113.614	5530.000	113.614	113.614
5531.000	113.614	113.614	5532.000	113.614	113.614	5533.000	113.614	113.614	5534.000	113.614	113.614
5535.000	113.613	113.613	5536.000	113.613	113.613	5537.000	113.613	113.613	5538.000	113.613	113.613
5539.000	113.613	113.613	5540.000	113.613	113.613	5541.000	113.613	113.613	5542.000	113.613	113.613
5543.000	113.612	113.612	5544.000	113.612	113.612	5545.000	113.612	113.612	5546.000	113.612	113.612
5547.000	113.612	113.612	5548.000	113.612	113.612	5549.000	113.612	113.612	5550.000	113.611	113.611
5551.000	113.611	113.611	5552.000	113.611	113.611	5553.000	113.611	113.611	5554.000	113.611	113.611
5555.000	113.611	113.611	5556.000	113.611	113.611	5557.000	113.610	113.610	5558.000	113.610	113.610
5559.000	113.610	113.610	5560.000	113.610	113.610	5561.000	113.610	113.610	5562.000	113.610	113.610
5563.000	113.610	113.610	5564.000	113.609	113.609	5565.000	113.609	113.609	5566.000	113.609	113.609
5567.000	113.609	113.609	5568.000	113.609	113.609	5569.000	113.609	113.609	5570.000	113.609	113.609
5571.000	113.608	113.608	5572.000	113.608	113.608	5573.000	113.608	113.608	5574.000	113.608	113.608
5575.000	113.608	113.608	5576.000	113.608	113.608	5577.000	113.608	113.608	5578.000	113.607	113.607
5579.000	113.607	113.607	5580.000	113.607	113.607	5581.000	113.607	113.607	5582.000	113.607	113.607
5583.000	113.607	113.607	5584.000	113.607	113.607	5585.000	113.606	113.606	5586.000	113.606	113.606
5587.000	113.606	113.606	5588.000	113.606	113.606	5589.000	113.606	113.606	5590.000	113.606	113.606
5591.000	113.606	113.606	5592.000	113.605	113.605	5593.000	113.605	113.605	5594.000	113.605	113.605
5595.000	113.605	113.605	5596.000	113.605	113.605	5597.000	113.605	113.605	5598.000	113.604	113.604
5599.000	113.604	113.604	5600.000	113.604	113.604	5601.000	113.604	113.604	5602.000	113.604	113.604
5603.000	113.604	113.604	5604.000	113.604	113.604	5605.000	113.603	113.603	5606.000	113.603	113.603
5607.000	113.603	113.603	5608.000	113.603	113.603	5609.000	113.603	113.603	5610.000	113.603	113.603

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

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DIV 1 Battery 1A 48-Hour Coping Study

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BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5611.000	113.603	113.603	5612.000	113.602	113.602	5613.000	113.602	113.602	5614.000	113.602	113.602
5615.000	113.602	113.602	5616.000	113.602	113.602	5617.000	113.602	113.602	5618.000	113.602	113.602
5619.000	113.601	113.601	5620.000	113.601	113.601	5621.000	113.601	113.601	5622.000	113.601	113.601
5623.000	113.601	113.601	5624.000	113.601	113.601	5625.000	113.600	113.600	5626.000	113.600	113.600
5627.000	113.600	113.600	5628.000	113.600	113.600	5629.000	113.600	113.600	5630.000	113.600	113.600
5631.000	113.600	113.600	5632.000	113.599	113.599	5633.000	113.599	113.599	5634.000	113.599	113.599
5635.000	113.599	113.599	5636.000	113.599	113.599	5637.000	113.599	113.599	5638.000	113.599	113.599
5639.000	113.598	113.598	5640.000	113.598	113.598	5641.000	113.598	113.598	5642.000	113.598	113.598
5643.000	113.598	113.598	5644.000	113.598	113.598	5645.000	113.597	113.597	5646.000	113.597	113.597
5647.000	113.597	113.597	5648.000	113.597	113.597	5649.000	113.597	113.597	5650.000	113.597	113.597
5651.000	113.597	113.597	5652.000	113.596	113.596	5653.000	113.596	113.596	5654.000	113.596	113.596
5655.000	113.596	113.596	5656.000	113.596	113.596	5657.000	113.596	113.596	5658.000	113.595	113.595
5659.000	113.595	113.595	5660.000	113.595	113.595	5661.000	113.595	113.595	5662.000	113.595	113.595
5663.000	113.595	113.595	5664.000	113.595	113.595	5665.000	113.594	113.594	5666.000	113.594	113.594
5667.000	113.594	113.594	5668.000	113.594	113.594	5669.000	113.594	113.594	5670.000	113.594	113.594
5671.000	113.593	113.593	5672.000	113.593	113.593	5673.000	113.593	113.593	5674.000	113.593	113.593
5675.000	113.593	113.593	5676.000	113.593	113.593	5677.000	113.592	113.592	5678.000	113.592	113.592
5679.000	113.592	113.592	5680.000	113.592	113.592	5681.000	113.592	113.592	5682.000	113.592	113.592
5683.000	113.592	113.592	5684.000	113.591	113.591	5685.000	113.591	113.591	5686.000	113.591	113.591
5687.000	113.591	113.591	5688.000	113.591	113.591	5689.000	113.591	113.591	5690.000	113.590	113.590
5691.000	113.590	113.590	5692.000	113.590	113.590	5693.000	113.590	113.590	5694.000	113.590	113.590
5695.000	113.590	113.590	5696.000	113.589	113.589	5697.000	113.589	113.589	5698.000	113.589	113.589
5699.000	113.589	113.589	5700.000	113.589	113.589	5701.000	113.589	113.589	5702.000	113.588	113.588
5703.000	113.588	113.588	5704.000	113.588	113.588	5705.000	113.588	113.588	5706.000	113.588	113.588
5707.000	113.588	113.588	5708.000	113.588	113.588	5709.000	113.587	113.587	5710.000	113.587	113.587
5711.000	113.587	113.587	5712.000	113.587	113.587	5713.000	113.587	113.587	5714.000	113.587	113.587
5715.000	113.586	113.586	5716.000	113.586	113.586	5717.000	113.586	113.586	5718.000	113.586	113.586
5719.000	113.586	113.586	5720.000	113.586	113.586	5721.000	113.585	113.585	5722.000	113.585	113.585
5723.000	113.585	113.585	5724.000	113.585	113.585	5725.000	113.585	113.585	5726.000	113.585	113.585
5727.000	113.584	113.584	5728.000	113.584	113.584	5729.000	113.584	113.584	5730.000	113.584	113.584
5731.000	113.584	113.584	5732.000	113.584	113.584	5733.000	113.583	113.583	5734.000	113.583	113.583
5735.000	113.583	113.583	5736.000	113.583	113.583	5737.000	113.583	113.583	5738.000	113.583	113.583
5739.000	113.582	113.582	5740.000	113.582	113.582	5741.000	113.582	113.582	5742.000	113.582	113.582
5743.000	113.582	113.582	5744.000	113.582	113.582	5745.000	113.581	113.581	5746.000	113.581	113.581
5747.000	113.581	113.581	5748.000	113.581	113.581	5749.000	113.581	113.581	5750.000	113.581	113.581
5751.000	113.580	113.580	5752.000	113.580	113.580	5753.000	113.580	113.580	5754.000	113.580	113.580
5755.000	113.580	113.580	5756.000	113.580	113.580	5757.000	113.579	113.579	5758.000	113.579	113.579

Project: Clinton Flex Study  
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Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5759.000	113.579	113.579	5760.000	113.579	113.579	5761.000	113.579	113.579	5762.000	113.579	113.579
5763.000	113.578	113.578	5764.000	113.578	113.578	5765.000	113.578	113.578	5766.000	113.578	113.578
5767.000	113.578	113.578	5768.000	113.577	113.577	5769.000	113.577	113.577	5770.000	113.577	113.577
5771.000	113.577	113.577	5772.000	113.577	113.577	5773.000	113.577	113.577	5774.000	113.576	113.576
5775.000	113.576	113.576	5776.000	113.576	113.576	5777.000	113.576	113.576	5778.000	113.576	113.576
5779.000	113.576	113.576	5780.000	113.575	113.575	5781.000	113.575	113.575	5782.000	113.575	113.575
5783.000	113.575	113.575	5784.000	113.575	113.575	5785.000	113.575	113.575	5786.000	113.574	113.574
5787.000	113.574	113.574	5788.000	113.574	113.574	5789.000	113.574	113.574	5790.000	113.574	113.574
5791.000	113.573	113.573	5792.000	113.573	113.573	5793.000	113.573	113.573	5794.000	113.573	113.573
5795.000	113.573	113.573	5796.000	113.573	113.573	5797.000	113.572	113.572	5798.000	113.572	113.572
5799.000	113.572	113.572	5800.000	113.572	113.572	5801.000	113.572	113.572	5802.000	113.572	113.572
5803.000	113.571	113.571	5804.000	113.571	113.571	5805.000	113.571	113.571	5806.000	113.571	113.571
5807.000	113.571	113.571	5808.000	113.571	113.571	5809.000	113.571	113.571	5810.000	113.571	113.571
5811.000	113.570	113.570	5812.000	113.570	113.570	5813.000	113.570	113.570	5814.000	113.570	113.570
5815.000	113.570	113.570	5816.000	113.570	113.570	5817.000	113.570	113.570	5818.000	113.570	113.570
5819.000	113.570	113.570	5820.000	113.570	113.570	5821.000	113.570	113.570	5822.000	113.570	113.570
5823.000	113.570	113.570	5824.000	113.570	113.570	5825.000	113.570	113.570	5826.000	113.569	113.569
5827.000	113.569	113.569	5828.000	113.569	113.569	5829.000	113.569	113.569	5830.000	113.569	113.569
5831.000	113.569	113.569	5832.000	113.569	113.569	5833.000	113.569	113.569	5834.000	113.569	113.569
5835.000	113.569	113.569	5836.000	113.569	113.569	5837.000	113.569	113.569	5838.000	113.569	113.569
5839.000	113.569	113.569	5840.000	113.568	113.568	5841.000	113.568	113.568	5842.000	113.568	113.568
5843.000	113.568	113.568	5844.000	113.568	113.568	5845.000	113.568	113.568	5846.000	113.568	113.568
5847.000	113.568	113.568	5848.000	113.568	113.568	5849.000	113.568	113.568	5850.000	113.568	113.568
5851.000	113.568	113.568	5852.000	113.568	113.568	5853.000	113.568	113.568	5854.000	113.567	113.567
5855.000	113.567	113.567	5856.000	113.567	113.567	5857.000	113.567	113.567	5858.000	113.567	113.567
5859.000	113.567	113.567	5860.000	113.567	113.567	5861.000	113.567	113.567	5862.000	113.567	113.567
5863.000	113.567	113.567	5864.000	113.567	113.567	5865.000	113.567	113.567	5866.000	113.567	113.567
5867.000	113.566	113.566	5868.000	113.566	113.566	5869.000	113.566	113.566	5870.000	113.566	113.566
5871.000	113.566	113.566	5872.000	113.566	113.566	5873.000	113.566	113.566	5874.000	113.566	113.566
5875.000	113.566	113.566	5876.000	113.566	113.566	5877.000	113.566	113.566	5878.000	113.566	113.566
5879.000	113.566	113.566	5880.000	113.566	113.566	5881.000	113.565	113.565	5882.000	113.565	113.565
5883.000	113.565	113.565	5884.000	113.565	113.565	5885.000	113.565	113.565	5886.000	113.565	113.565
5887.000	113.565	113.565	5888.000	113.565	113.565	5889.000	113.565	113.565	5890.000	113.565	113.565
5891.000	113.565	113.565	5892.000	113.565	113.565	5893.000	113.565	113.565	5894.000	113.564	113.564
5895.000	113.564	113.564	5896.000	113.564	113.564	5897.000	113.564	113.564	5898.000	113.564	113.564
5899.000	113.564	113.564	5900.000	113.564	113.564	5901.000	113.564	113.564	5902.000	113.564	113.564
5903.000	113.564	113.564	5904.000	113.564	113.564	5905.000	113.564	113.564	5906.000	113.563	113.563

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Revision: Base

Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5907.000	113.563	113.563	5908.000	113.563	113.563	5909.000	113.563	113.563	5910.000	113.563	113.563
5911.000	113.563	113.563	5912.000	113.563	113.563	5913.000	113.563	113.563	5914.000	113.563	113.563
5915.000	113.563	113.563	5916.000	113.563	113.563	5917.000	113.563	113.563	5918.000	113.563	113.563
5919.000	113.562	113.562	5920.000	113.562	113.562	5921.000	113.562	113.562	5922.000	113.562	113.562
5923.000	113.562	113.562	5924.000	113.562	113.562	5925.000	113.562	113.562	5926.000	113.562	113.562
5927.000	113.562	113.562	5928.000	113.562	113.562	5929.000	113.562	113.562	5930.000	113.562	113.562
5931.000	113.561	113.561	5932.000	113.561	113.561	5933.000	113.561	113.561	5934.000	113.561	113.561
5935.000	113.561	113.561	5936.000	113.561	113.561	5937.000	113.561	113.561	5938.000	113.561	113.561
5939.000	113.561	113.561	5940.000	113.561	113.561	5941.000	113.561	113.561	5942.000	113.561	113.561
5943.000	113.560	113.560	5944.000	113.560	113.560	5945.000	113.560	113.560	5946.000	113.560	113.560
5947.000	113.560	113.560	5948.000	113.560	113.560	5949.000	113.560	113.560	5950.000	113.560	113.560
5951.000	113.560	113.560	5952.000	113.560	113.560	5953.000	113.560	113.560	5954.000	113.560	113.560
5955.000	113.559	113.559	5956.000	113.559	113.559	5957.000	113.559	113.559	5958.000	113.559	113.559
5959.000	113.559	113.559	5960.000	113.559	113.559	5961.000	113.559	113.559	5962.000	113.559	113.559
5963.000	113.559	113.559	5964.000	113.559	113.559	5965.000	113.559	113.559	5966.000	113.558	113.558
5967.000	113.558	113.558	5968.000	113.558	113.558	5969.000	113.558	113.558	5970.000	113.558	113.558
5971.000	113.558	113.558	5972.000	113.558	113.558	5973.000	113.558	113.558	5974.000	113.558	113.558
5975.000	113.558	113.558	5976.000	113.558	113.558	5977.000	113.558	113.558	5978.000	113.557	113.557
5979.000	113.557	113.557	5980.000	113.557	113.557	5981.000	113.557	113.557	5982.000	113.557	113.557
5983.000	113.557	113.557	5984.000	113.557	113.557	5985.000	113.557	113.557	5986.000	113.557	113.557
5987.000	113.557	113.557	5988.000	113.557	113.557	5989.000	113.556	113.556	5990.000	113.556	113.556
5991.000	113.556	113.556	5992.000	113.556	113.556	5993.000	113.556	113.556	5994.000	113.556	113.556
5995.000	113.556	113.556	5996.000	113.556	113.556	5997.000	113.556	113.556	5998.000	113.556	113.556
5999.000	113.556	113.556	6000.000	113.555	113.555	6001.000	113.555	113.555	6002.000	113.555	113.555
6003.000	113.555	113.555	6004.000	113.555	113.555	6005.000	113.555	113.555	6006.000	113.555	113.555
6007.000	113.555	113.555	6008.000	113.555	113.555	6009.000	113.555	113.555	6010.000	113.555	113.555
6011.000	113.554	113.554	6012.000	113.554	113.554	6013.000	113.554	113.554	6014.000	113.554	113.554
6015.000	113.554	113.554	6016.000	113.554	113.554	6017.000	113.554	113.554	6018.000	113.554	113.554
6019.000	113.554	113.554	6020.000	113.554	113.554	6021.000	113.553	113.553	6022.000	113.553	113.553
6023.000	113.553	113.553	6024.000	113.553	113.553	6025.000	113.553	113.553	6026.000	113.553	113.553
6027.000	113.553	113.553	6028.000	113.553	113.553	6029.000	113.553	113.553	6030.000	113.553	113.553
6031.000	113.552	113.552	6032.000	113.552	113.552	6033.000	113.552	113.552	6034.000	113.552	113.552
6035.000	113.552	113.552	6036.000	113.552	113.552	6037.000	113.552	113.552	6038.000	113.552	113.552
6039.000	113.552	113.552	6040.000	113.552	113.552	6041.000	113.552	113.552	6042.000	113.551	113.551
6043.000	113.551	113.551	6044.000	113.551	113.551	6045.000	113.551	113.551	6046.000	113.551	113.551
6047.000	113.551	113.551	6048.000	113.551	113.551	6049.000	113.551	113.551	6050.000	113.551	113.551
6051.000	113.551	113.551	6052.000	113.550	113.550	6053.000	113.550	113.550	6054.000	113.550	113.550

Project: Clinton Flex Study  
Location: KCI  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6055.000	113.550	113.550	6056.000	113.550	113.550	6057.000	113.550	113.550	6058.000	113.550	113.550
6059.000	113.550	113.550	6060.000	113.550	113.550	6061.000	113.549	113.549	6062.000	113.549	113.549
6063.000	113.549	113.549	6064.000	113.549	113.549	6065.000	113.549	113.549	6066.000	113.549	113.549
6067.000	113.549	113.549	6068.000	113.549	113.549	6069.000	113.549	113.549	6070.000	113.549	113.549
6071.000	113.548	113.548	6072.000	113.548	113.548	6073.000	113.548	113.548	6074.000	113.548	113.548
6075.000	113.548	113.548	6076.000	113.548	113.548	6077.000	113.548	113.548	6078.000	113.548	113.548
6079.000	113.548	113.548	6080.000	113.547	113.547	6081.000	113.547	113.547	6082.000	113.547	113.547
6083.000	113.547	113.547	6084.000	113.547	113.547	6085.000	113.547	113.547	6086.000	113.547	113.547
6087.000	113.547	113.547	6088.000	113.547	113.547	6089.000	113.547	113.547	6090.000	113.546	113.546
6091.000	113.546	113.546	6092.000	113.546	113.546	6093.000	113.546	113.546	6094.000	113.546	113.546
6095.000	113.546	113.546	6096.000	113.546	113.546	6097.000	113.546	113.546	6098.000	113.546	113.546
6099.000	113.545	113.545	6100.000	113.545	113.545	6101.000	113.545	113.545	6102.000	113.545	113.545
6103.000	113.545	113.545	6104.000	113.545	113.545	6105.000	113.545	113.545	6106.000	113.545	113.545
6107.000	113.545	113.545	6108.000	113.544	113.544	6109.000	113.544	113.544	6110.000	113.544	113.544
6111.000	113.544	113.544	6112.000	113.544	113.544	6113.000	113.544	113.544	6114.000	113.544	113.544
6115.000	113.544	113.544	6116.000	113.544	113.544	6117.000	113.543	113.543	6118.000	113.543	113.543
6119.000	113.543	113.543	6120.000	113.543	113.543	6121.000	113.543	113.543	6122.000	113.543	113.543
6123.000	113.543	113.543	6124.000	113.543	113.543	6125.000	113.542	113.542	6126.000	113.542	113.542
6127.000	113.542	113.542	6128.000	113.542	113.542	6129.000	113.541	113.541	6130.000	113.541	113.541
6131.000	113.540	113.540	6132.000	113.540	113.540	6133.000	113.540	113.540	6134.000	113.539	113.539
6135.000	113.539	113.539	6136.000	113.539	113.539	6137.000	113.538	113.538	6138.000	113.538	113.538
6139.000	113.538	113.538	6140.000	113.537	113.537	6141.000	113.537	113.537	6142.000	113.536	113.536
6143.000	113.536	113.536	6144.000	113.536	113.536	6145.000	113.535	113.535	6146.000	113.535	113.535
6147.000	113.535	113.535	6148.000	113.534	113.534	6149.000	113.534	113.534	6150.000	113.533	113.533
6151.000	113.533	113.533	6152.000	113.533	113.533	6153.000	113.532	113.532	6154.000	113.532	113.532
6155.000	113.532	113.532	6156.000	113.531	113.531	6157.000	113.531	113.531	6158.000	113.530	113.530
6159.000	113.530	113.530	6160.000	113.530	113.530	6161.000	113.529	113.529	6162.000	113.529	113.529
6163.000	113.529	113.529	6164.000	113.528	113.528	6165.000	113.528	113.528	6166.000	113.527	113.527
6167.000	113.527	113.527	6168.000	113.527	113.527	6169.000	113.526	113.526	6170.000	113.526	113.526
6171.000	113.526	113.526	6172.000	113.525	113.525	6173.000	113.525	113.525	6174.000	113.524	113.524
6175.000	113.524	113.524	6176.000	113.524	113.524	6177.000	113.523	113.523	6178.000	113.523	113.523
6179.000	113.523	113.523	6180.000	113.522	113.522	6181.000	113.522	113.522	6182.000	113.521	113.521
6183.000	113.521	113.521	6184.000	113.521	113.521	6185.000	113.520	113.520	6186.000	113.520	113.520
6187.000	113.520	113.520	6188.000	113.519	113.519	6189.000	113.519	113.519	6190.000	113.518	113.518
6191.000	113.518	113.518	6192.000	113.518	113.518	6193.000	113.517	113.517	6194.000	113.517	113.517
6195.000	113.516	113.516	6196.000	113.516	113.516	6197.000	113.516	113.516	6198.000	113.515	113.515
6199.000	113.515	113.515	6200.000	113.515	113.515	6201.000	113.514	113.514	6202.000	113.514	113.514

Project: Clinton Flex Study  
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Contract:  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6203.000	113.513	113.513	6204.000	113.513	113.513	6205.000	113.513	113.513	6206.000	113.512	113.512
6207.000	113.512	113.512	6208.000	113.511	113.511	6209.000	113.511	113.511	6210.000	113.511	113.511
6211.000	113.510	113.510	6212.000	113.510	113.510	6213.000	113.509	113.509	6214.000	113.509	113.509
6215.000	113.509	113.509	6216.000	113.508	113.508	6217.000	113.508	113.508	6218.000	113.508	113.508
6219.000	113.507	113.507	6220.000	113.507	113.507	6221.000	113.506	113.506	6222.000	113.506	113.506
6223.000	113.506	113.506	6224.000	113.505	113.505	6225.000	113.505	113.505	6226.000	113.504	113.504
6227.000	113.504	113.504	6228.000	113.504	113.504	6229.000	113.503	113.503	6230.000	113.503	113.503
6231.000	113.502	113.502	6232.000	113.502	113.502	6233.000	113.502	113.502	6234.000	113.501	113.501
6235.000	113.501	113.501	6236.000	113.500	113.500	6237.000	113.500	113.500	6238.000	113.500	113.500
6239.000	113.499	113.499	6240.000	113.499	113.499	6241.000	113.498	113.498	6242.000	113.498	113.498
6243.000	113.498	113.498	6244.000	113.497	113.497	6245.000	113.497	113.497	6246.000	113.496	113.496
6247.000	113.496	113.496	6248.000	113.496	113.496	6249.000	113.495	113.495	6250.000	113.495	113.495
6251.000	113.494	113.494	6252.000	113.494	113.494	6253.000	113.494	113.494	6254.000	113.493	113.493
6255.000	113.493	113.493	6256.000	113.492	113.492	6257.000	113.492	113.492	6258.000	113.492	113.492
6259.000	113.491	113.491	6260.000	113.491	113.491	6261.000	113.490	113.490	6262.000	113.490	113.490
6263.000	113.490	113.490	6264.000	113.489	113.489	6265.000	113.489	113.489	6266.000	113.488	113.488
6267.000	113.488	113.488	6268.000	113.488	113.488	6269.000	113.487	113.487	6270.000	113.487	113.487
6271.000	113.486	113.486	6272.000	113.486	113.486	6273.000	113.485	113.485	6274.000	113.485	113.485
6275.000	113.485	113.485	6276.000	113.484	113.484	6277.000	113.484	113.484	6278.000	113.483	113.483
6279.000	113.483	113.483	6280.000	113.483	113.483	6281.000	113.482	113.482	6282.000	113.482	113.482
6283.000	113.481	113.481	6284.000	113.481	113.481	6285.000	113.481	113.481	6286.000	113.480	113.480
6287.000	113.480	113.480	6288.000	113.479	113.479	6289.000	113.479	113.479	6290.000	113.478	113.478
6291.000	113.478	113.478	6292.000	113.478	113.478	6293.000	113.477	113.477	6294.000	113.477	113.477
6295.000	113.476	113.476	6296.000	113.476	113.476	6297.000	113.476	113.476	6298.000	113.475	113.475
6299.000	113.475	113.475	6300.000	113.474	113.474	6301.000	113.474	113.474	6302.000	113.473	113.473
6303.000	113.473	113.473	6304.000	113.473	113.473	6305.000	113.472	113.472	6306.000	113.472	113.472
6307.000	113.471	113.471	6308.000	113.471	113.471	6309.000	113.471	113.471	6310.000	113.470	113.470
6311.000	113.470	113.470	6312.000	113.469	113.469	6313.000	113.469	113.469	6314.000	113.468	113.468
6315.000	113.468	113.468	6316.000	113.468	113.468	6317.000	113.467	113.467	6318.000	113.467	113.467
6319.000	113.466	113.466	6320.000	113.466	113.466	6321.000	113.465	113.465	6322.000	113.465	113.465
6323.000	113.465	113.465	6324.000	113.464	113.464	6325.000	113.464	113.464	6326.000	113.463	113.463
6327.000	113.463	113.463	6328.000	113.462	113.462	6329.000	113.462	113.462	6330.000	113.462	113.462
6331.000	113.461	113.461	6332.000	113.461	113.461	6333.000	113.460	113.460	6334.000	113.460	113.460
6335.000	113.459	113.459	6336.000	113.459	113.459	6337.000	113.459	113.459	6338.000	113.458	113.458
6339.000	113.458	113.458	6340.000	113.457	113.457	6341.000	113.457	113.457	6342.000	113.456	113.456
6343.000	113.456	113.456	6344.000	113.455	113.455	6345.000	113.455	113.455	6346.000	113.455	113.455
6347.000	113.454	113.454	6348.000	113.454	113.454	6349.000	113.453	113.453	6350.000	113.453	113.453

Project: Clinton Flex Study  
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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6351.000	113.452	113.452	6352.000	113.452	113.452	6353.000	113.452	113.452	6354.000	113.451	113.451
6355.000	113.451	113.451	6356.000	113.450	113.450	6357.000	113.450	113.450	6358.000	113.449	113.449
6359.000	113.449	113.449	6360.000	113.448	113.448	6361.000	113.448	113.448	6362.000	113.448	113.448
6363.000	113.447	113.447	6364.000	113.447	113.447	6365.000	113.446	113.446	6366.000	113.446	113.446
6367.000	113.445	113.445	6368.000	113.445	113.445	6369.000	113.444	113.444	6370.000	113.444	113.444
6371.000	113.444	113.444	6372.000	113.443	113.443	6373.000	113.443	113.443	6374.000	113.442	113.442
6375.000	113.442	113.442	6376.000	113.441	113.441	6377.000	113.441	113.441	6378.000	113.440	113.440
6379.000	113.440	113.440	6380.000	113.440	113.440	6381.000	113.439	113.439	6382.000	113.439	113.439
6383.000	113.438	113.438	6384.000	113.438	113.438	6385.000	113.437	113.437	6386.000	113.437	113.437
6387.000	113.436	113.436	6388.000	113.436	113.436	6389.000	113.435	113.435	6390.000	113.435	113.435
6391.000	113.435	113.435	6392.000	113.434	113.434	6393.000	113.434	113.434	6394.000	113.433	113.433
6395.000	113.433	113.433	6396.000	113.432	113.432	6397.000	113.432	113.432	6398.000	113.431	113.431
6399.000	113.431	113.431	6400.000	113.430	113.430	6401.000	113.430	113.430	6402.000	113.430	113.430
6403.000	113.429	113.429	6404.000	113.429	113.429	6405.000	113.428	113.428	6406.000	113.428	113.428
6407.000	113.427	113.427	6408.000	113.427	113.427	6409.000	113.426	113.426	6410.000	113.426	113.426
6411.000	113.425	113.425	6412.000	113.425	113.425	6413.000	113.424	113.424	6414.000	113.424	113.424
6415.000	113.424	113.424	6416.000	113.423	113.423	6417.000	113.423	113.423	6418.000	113.422	113.422
6419.000	113.422	113.422	6420.000	113.421	113.421	6421.000	113.421	113.421	6422.000	113.420	113.420
6423.000	113.420	113.420	6424.000	113.419	113.419	6425.000	113.419	113.419	6426.000	113.418	113.418
6427.000	113.418	113.418	6428.000	113.418	113.418	6429.000	113.417	113.417	6430.000	113.417	113.417
6431.000	113.416	113.416	6432.000	113.416	113.416	6433.000	113.415	113.415	6434.000	113.415	113.415
6435.000	113.414	113.414	6436.000	113.414	113.414	6437.000	113.413	113.413	6438.000	113.413	113.413
6439.000	113.412	113.412	6440.000	113.412	113.412	6441.000	113.411	113.411	6442.000	113.411	113.411
6443.000	113.410	113.410	6444.000	113.410	113.410	6445.000	113.409	113.409	6446.000	113.409	113.409
6447.000	113.409	113.409	6448.000	113.408	113.408	6449.000	113.408	113.408	6450.000	113.407	113.407
6451.000	113.407	113.407	6452.000	113.406	113.406	6453.000	113.406	113.406	6454.000	113.405	113.405
6455.000	113.405	113.405	6456.000	113.404	113.404	6457.000	113.404	113.404	6458.000	113.403	113.403
6459.000	113.403	113.403	6460.000	113.402	113.402	6461.000	113.402	113.402	6462.000	113.401	113.401
6463.000	113.401	113.401	6464.000	113.400	113.400	6465.000	113.400	113.400	6466.000	113.399	113.399
6467.000	113.399	113.399	6468.000	113.398	113.398	6469.000	113.398	113.398	6470.000	113.397	113.397
6471.000	113.397	113.397	6472.000	113.396	113.396	6473.000	113.396	113.396	6474.000	113.395	113.395
6475.000	113.395	113.395	6476.000	113.394	113.394	6477.000	113.394	113.394	6478.000	113.394	113.394
6479.000	113.393	113.393	6480.000	113.393	113.393	6481.000	113.392	113.392	6482.000	113.392	113.392
6483.000	113.391	113.391	6484.000	113.391	113.391	6485.000	113.390	113.390	6486.000	113.390	113.390
6487.000	113.389	113.389	6488.000	113.389	113.389	6489.000	113.388	113.388	6490.000	113.388	113.388
6491.000	113.387	113.387	6492.000	113.387	113.387	6493.000	113.386	113.386	6494.000	113.386	113.386
6495.000	113.385	113.385	6496.000	113.385	113.385	6497.000	113.385	113.385	6498.000	113.384	113.384

Project: Clinton Flex Study  
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Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6499.000	113.384	113.384	6500.000	113.383	113.383	6501.000	113.383	113.383	6502.000	113.382	113.382
6503.000	113.382	113.382	6504.000	113.381	113.381	6505.000	113.381	113.381	6506.000	113.381	113.381
6507.000	113.380	113.380	6508.000	113.380	113.380	6509.000	113.379	113.379	6510.000	113.379	113.379
6511.000	113.378	113.378	6512.000	113.378	113.378	6513.000	113.378	113.378	6514.000	113.377	113.377
6515.000	113.377	113.377	6516.000	113.376	113.376	6517.000	113.376	113.376	6518.000	113.375	113.375
6519.000	113.375	113.375	6520.000	113.374	113.374	6521.000	113.374	113.374	6522.000	113.374	113.374
6523.000	113.373	113.373	6524.000	113.373	113.373	6525.000	113.372	113.372	6526.000	113.372	113.372
6527.000	113.371	113.371	6528.000	113.371	113.371	6529.000	113.370	113.370	6530.000	113.370	113.370
6531.000	113.369	113.369	6532.000	113.369	113.369	6533.000	113.369	113.369	6534.000	113.368	113.368
6535.000	113.368	113.368	6536.000	113.367	113.367	6537.000	113.367	113.367	6538.000	113.366	113.366
6539.000	113.366	113.366	6540.000	113.365	113.365	6541.000	113.365	113.365	6542.000	113.364	113.364
6543.000	113.364	113.364	6544.000	113.364	113.364	6545.000	113.363	113.363	6546.000	113.363	113.363
6547.000	113.362	113.362	6548.000	113.362	113.362	6549.000	113.361	113.361	6550.000	113.361	113.361
6551.000	113.360	113.360	6552.000	113.360	113.360	6553.000	113.359	113.359	6554.000	113.359	113.359
6555.000	113.358	113.358	6556.000	113.358	113.358	6557.000	113.357	113.357	6558.000	113.357	113.357
6559.000	113.357	113.357	6560.000	113.356	113.356	6561.000	113.356	113.356	6562.000	113.355	113.355
6563.000	113.355	113.355	6564.000	113.354	113.354	6565.000	113.354	113.354	6566.000	113.353	113.353
6567.000	113.353	113.353	6568.000	113.352	113.352	6569.000	113.352	113.352	6570.000	113.351	113.351
6571.000	113.351	113.351	6572.000	113.350	113.350	6573.000	113.350	113.350	6574.000	113.349	113.349
6575.000	113.349	113.349	6576.000	113.348	113.348	6577.000	113.348	113.348	6578.000	113.347	113.347
6579.000	113.347	113.347	6580.000	113.346	113.346	6581.000	113.346	113.346	6582.000	113.345	113.345
6583.000	113.345	113.345	6584.000	113.345	113.345	6585.000	113.344	113.344	6586.000	113.344	113.344
6587.000	113.343	113.343	6588.000	113.343	113.343	6589.000	113.342	113.342	6590.000	113.342	113.342
6591.000	113.341	113.341	6592.000	113.341	113.341	6593.000	113.340	113.340	6594.000	113.340	113.340
6595.000	113.339	113.339	6596.000	113.339	113.339	6597.000	113.338	113.338	6598.000	113.338	113.338
6599.000	113.337	113.337	6600.000	113.337	113.337	6601.000	113.336	113.336	6602.000	113.336	113.336
6603.000	113.335	113.335	6604.000	113.335	113.335	6605.000	113.334	113.334	6606.000	113.334	113.334
6607.000	113.333	113.333	6608.000	113.333	113.333	6609.000	113.332	113.332	6610.000	113.332	113.332
6611.000	113.331	113.331	6612.000	113.330	113.330	6613.000	113.330	113.330	6614.000	113.329	113.329
6615.000	113.329	113.329	6616.000	113.328	113.328	6617.000	113.328	113.328	6618.000	113.327	113.327
6619.000	113.327	113.327	6620.000	113.326	113.326	6621.000	113.326	113.326	6622.000	113.325	113.325
6623.000	113.325	113.325	6624.000	113.324	113.324	6625.000	113.324	113.324	6626.000	113.323	113.323
6627.000	113.323	113.323	6628.000	113.322	113.322	6629.000	113.322	113.322	6630.000	113.321	113.321
6631.000	113.321	113.321	6632.000	113.320	113.320	6633.000	113.320	113.320	6634.000	113.319	113.319
6635.000	113.319	113.319	6636.000	113.318	113.318	6637.000	113.317	113.317	6638.000	113.317	113.317
6639.000	113.316	113.316	6640.000	113.316	113.316	6641.000	113.315	113.315	6642.000	113.315	113.315
6643.000	113.314	113.314	6644.000	113.314	113.314	6645.000	113.313	113.313	6646.000	113.313	113.313

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6647.000	113.312	113.312	6648.000	113.312	113.312	6649.000	113.311	113.311	6650.000	113.310	113.310
6651.000	113.310	113.310	6652.000	113.309	113.309	6653.000	113.309	113.309	6654.000	113.308	113.308
6655.000	113.308	113.308	6656.000	113.307	113.307	6657.000	113.307	113.307	6658.000	113.306	113.306
6659.000	113.306	113.306	6660.000	113.305	113.305	6661.000	113.304	113.304	6662.000	113.304	113.304
6663.000	113.303	113.303	6664.000	113.303	113.303	6665.000	113.302	113.302	6666.000	113.302	113.302
6667.000	113.301	113.301	6668.000	113.301	113.301	6669.000	113.300	113.300	6670.000	113.299	113.299
6671.000	113.299	113.299	6672.000	113.298	113.298	6673.000	113.298	113.298	6674.000	113.297	113.297
6675.000	113.297	113.297	6676.000	113.296	113.296	6677.000	113.296	113.296	6678.000	113.295	113.295
6679.000	113.294	113.294	6680.000	113.294	113.294	6681.000	113.293	113.293	6682.000	113.293	113.293
6683.000	113.292	113.292	6684.000	113.292	113.292	6685.000	113.291	113.291	6686.000	113.290	113.290
6687.000	113.290	113.290	6688.000	113.289	113.289	6689.000	113.289	113.289	6690.000	113.288	113.288
6691.000	113.288	113.288	6692.000	113.287	113.287	6693.000	113.286	113.286	6694.000	113.286	113.286
6695.000	113.285	113.285	6696.000	113.285	113.285	6697.000	113.284	113.284	6698.000	113.283	113.283
6699.000	113.283	113.283	6700.000	113.282	113.282	6701.000	113.281	113.281	6702.000	113.280	113.280
6703.000	113.280	113.280	6704.000	113.279	113.279	6705.000	113.278	113.278	6706.000	113.278	113.278
6707.000	113.277	113.277	6708.000	113.276	113.276	6709.000	113.275	113.275	6710.000	113.275	113.275
6711.000	113.274	113.274	6712.000	113.273	113.273	6713.000	113.273	113.273	6714.000	113.272	113.272
6715.000	113.271	113.271	6716.000	113.271	113.271	6717.000	113.270	113.270	6718.000	113.269	113.269
6719.000	113.268	113.268	6720.000	113.268	113.268	6721.000	113.267	113.267	6722.000	113.266	113.266
6723.000	113.266	113.266	6724.000	113.265	113.265	6725.000	113.264	113.264	6726.000	113.263	113.263
6727.000	113.263	113.263	6728.000	113.262	113.262	6729.000	113.261	113.261	6730.000	113.261	113.261
6731.000	113.260	113.260	6732.000	113.259	113.259	6733.000	113.258	113.258	6734.000	113.258	113.258
6735.000	113.257	113.257	6736.000	113.256	113.256	6737.000	113.256	113.256	6738.000	113.255	113.255
6739.000	113.254	113.254	6740.000	113.254	113.254	6741.000	113.253	113.253	6742.000	113.252	113.252
6743.000	113.251	113.251	6744.000	113.251	113.251	6745.000	113.250	113.250	6746.000	113.249	113.249
6747.000	113.249	113.249	6748.000	113.248	113.248	6749.000	113.247	113.247	6750.000	113.246	113.246
6751.000	113.246	113.246	6752.000	113.245	113.245	6753.000	113.244	113.244	6754.000	113.243	113.243
6755.000	113.243	113.243	6756.000	113.242	113.242	6757.000	113.241	113.241	6758.000	113.241	113.241
6759.000	113.240	113.240	6760.000	113.239	113.239	6761.000	113.238	113.238	6762.000	113.238	113.238
6763.000	113.237	113.237	6764.000	113.236	113.236	6765.000	113.236	113.236	6766.000	113.235	113.235
6767.000	113.234	113.234	6768.000	113.233	113.233	6769.000	113.233	113.233	6770.000	113.232	113.232
6771.000	113.231	113.231	6772.000	113.231	113.231	6773.000	113.230	113.230	6774.000	113.229	113.229
6775.000	113.228	113.228	6776.000	113.228	113.228	6777.000	113.227	113.227	6778.000	113.226	113.226
6779.000	113.226	113.226	6780.000	113.225	113.225	6781.000	113.224	113.224	6782.000	113.223	113.223
6783.000	113.223	113.223	6784.000	113.222	113.222	6785.000	113.221	113.221	6786.000	113.220	113.220
6787.000	113.220	113.220	6788.000	113.219	113.219	6789.000	113.218	113.218	6790.000	113.218	113.218
6791.000	113.217	113.217	6792.000	113.216	113.216	6793.000	113.215	113.215	6794.000	113.215	113.215

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6795.000	113.214	113.214	6796.000	113.213	113.213	6797.000	113.212	113.212	6798.000	113.212	113.212
6799.000	113.211	113.211	6800.000	113.210	113.210	6801.000	113.210	113.210	6802.000	113.209	113.209
6803.000	113.208	113.208	6804.000	113.207	113.207	6805.000	113.207	113.207	6806.000	113.206	113.206
6807.000	113.205	113.205	6808.000	113.204	113.204	6809.000	113.204	113.204	6810.000	113.203	113.203
6811.000	113.202	113.202	6812.000	113.202	113.202	6813.000	113.201	113.201	6814.000	113.200	113.200
6815.000	113.199	113.199	6816.000	113.199	113.199	6817.000	113.198	113.198	6818.000	113.197	113.197
6819.000	113.196	113.196	6820.000	113.196	113.196	6821.000	113.195	113.195	6822.000	113.194	113.194
6823.000	113.193	113.193	6824.000	113.193	113.193	6825.000	113.192	113.192	6826.000	113.191	113.191
6827.000	113.191	113.191	6828.000	113.190	113.190	6829.000	113.189	113.189	6830.000	113.188	113.188
6831.000	113.188	113.188	6832.000	113.187	113.187	6833.000	113.186	113.186	6834.000	113.185	113.185
6835.000	113.185	113.185	6836.000	113.184	113.184	6837.000	113.183	113.183	6838.000	113.182	113.182
6839.000	113.182	113.182	6840.000	113.181	113.181	6841.000	113.180	113.180	6842.000	113.179	113.179
6843.000	113.179	113.179	6844.000	113.178	113.178	6845.000	113.177	113.177	6846.000	113.176	113.176
6847.000	113.176	113.176	6848.000	113.175	113.175	6849.000	113.174	113.174	6850.000	113.174	113.174
6851.000	113.173	113.173	6852.000	113.172	113.172	6853.000	113.171	113.171	6854.000	113.171	113.171
6855.000	113.170	113.170	6856.000	113.169	113.169	6857.000	113.168	113.168	6858.000	113.168	113.168
6859.000	113.167	113.167	6860.000	113.166	113.166	6861.000	113.165	113.165	6862.000	113.165	113.165
6863.000	113.164	113.164	6864.000	113.163	113.163	6865.000	113.162	113.162	6866.000	113.162	113.162
6867.000	113.161	113.161	6868.000	113.160	113.160	6869.000	113.159	113.159	6870.000	113.159	113.159
6871.000	113.158	113.158	6872.000	113.157	113.157	6873.000	113.156	113.156	6874.000	113.156	113.156
6875.000	113.155	113.155	6876.000	113.154	113.154	6877.000	113.153	113.153	6878.000	113.153	113.153
6879.000	113.152	113.152	6880.000	113.151	113.151	6881.000	113.150	113.150	6882.000	113.150	113.150
6883.000	113.149	113.149	6884.000	113.148	113.148	6885.000	113.147	113.147	6886.000	113.147	113.147
6887.000	113.146	113.146	6888.000	113.145	113.145	6889.000	113.144	113.144	6890.000	113.144	113.144
6891.000	113.143	113.143	6892.000	113.142	113.142	6893.000	113.141	113.141	6894.000	113.141	113.141
6895.000	113.140	113.140	6896.000	113.139	113.139	6897.000	113.138	113.138	6898.000	113.138	113.138
6899.000	113.137	113.137	6900.000	113.136	113.136	6901.000	113.135	113.135	6902.000	113.135	113.135
6903.000	113.134	113.134	6904.000	113.133	113.133	6905.000	113.132	113.132	6906.000	113.132	113.132
6907.000	113.131	113.131	6908.000	113.130	113.130	6909.000	113.129	113.129	6910.000	113.129	113.129
6911.000	113.128	113.128	6912.000	113.127	113.127	6913.000	113.126	113.126	6914.000	113.126	113.126
6915.000	113.125	113.125	6916.000	113.124	113.124	6917.000	113.123	113.123	6918.000	113.122	113.122
6919.000	113.122	113.122	6920.000	113.121	113.121	6921.000	113.120	113.120	6922.000	113.119	113.119
6923.000	113.119	113.119	6924.000	113.118	113.118	6925.000	113.117	113.117	6926.000	113.116	113.116
6927.000	113.116	113.116	6928.000	113.115	113.115	6929.000	113.114	113.114	6930.000	113.113	113.113
6931.000	113.113	113.113	6932.000	113.112	113.112	6933.000	113.111	113.111	6934.000	113.110	113.110
6935.000	113.110	113.110	6936.000	113.109	113.109	6937.000	113.108	113.108	6938.000	113.107	113.107
6939.000	113.106	113.106	6940.000	113.106	113.106	6941.000	113.105	113.105	6942.000	113.104	113.104

Project: Clinton Flex Study  
Location: KCI  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

#### DIV 1 Battery 1A 48-Hour Coping Study

#### BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6943.000	113.100	113.100	6944.000	113.100	113.100	6945.000	113.100	113.100	6946.000	113.100	113.100
6947.000	113.100	113.100	6948.000	113.100	113.100	6949.000	113.100	113.100	6950.000	113.100	113.100
6951.000	113.100	113.100	6952.000	113.096	113.096	6953.000	113.096	113.096	6954.000	113.095	113.095
6955.000	113.094	113.094	6956.000	113.093	113.093	6957.000	113.093	113.093	6958.000	113.092	113.092
6959.000	113.091	113.091	6960.000	113.090	113.090	6961.000	113.090	113.090	6962.000	113.089	113.089
6963.000	113.088	113.088	6964.000	113.087	113.087	6965.000	113.086	113.086	6966.000	113.086	113.086
6967.000	113.085	113.085	6968.000	113.084	113.084	6969.000	113.083	113.083	6970.000	113.083	113.083
6971.000	113.082	113.082	6972.000	113.081	113.081	6973.000	113.080	113.080	6974.000	113.079	113.079
6975.000	113.079	113.079	6976.000	113.078	113.078	6977.000	113.077	113.077	6978.000	113.076	113.076
6979.000	113.076	113.076	6980.000	113.075	113.075	6981.000	113.074	113.074	6982.000	113.073	113.073
6983.000	113.072	113.072	6984.000	113.072	113.072	6985.000	113.071	113.071	6986.000	113.070	113.070
6987.000	113.069	113.069	6988.000	113.069	113.069	6989.000	113.068	113.068	6990.000	113.067	113.067
6991.000	113.066	113.066	6992.000	113.065	113.065	6993.000	113.065	113.065	6994.000	113.064	113.064
6995.000	113.063	113.063	6996.000	113.062	113.062	6997.000	113.062	113.062	6998.000	113.061	113.061
6999.000	113.060	113.060	7000.000	113.059	113.059	7001.000	113.058	113.058	7002.000	113.058	113.058
7003.000	113.057	113.057	7004.000	113.056	113.056	7005.000	113.055	113.055	7006.000	113.055	113.055
7007.000	113.054	113.054	7008.000	113.053	113.053	7009.000	113.052	113.052	7010.000	113.051	113.051
7011.000	113.051	113.051	7012.000	113.050	113.050	7013.000	113.049	113.049	7014.000	113.048	113.048
7015.000	113.047	113.047	7016.000	113.047	113.047	7017.000	113.046	113.046	7018.000	113.045	113.045
7019.000	113.044	113.044	7020.000	113.044	113.044	7021.000	113.043	113.043	7022.000	113.042	113.042
7023.000	113.041	113.041	7024.000	113.040	113.040	7025.000	113.040	113.040	7026.000	113.039	113.039
7027.000	113.038	113.038	7028.000	113.037	113.037	7029.000	113.036	113.036	7030.000	113.036	113.036
7031.000	113.035	113.035	7032.000	113.034	113.034	7033.000	113.033	113.033	7034.000	113.032	113.032
7035.000	113.032	113.032	7036.000	113.031	113.031	7037.000	113.030	113.030	7038.000	113.029	113.029
7039.000	113.028	113.028	7040.000	113.028	113.028	7041.000	113.027	113.027	7042.000	113.026	113.026
7043.000	113.025	113.025	7044.000	113.024	113.024	7045.000	113.024	113.024	7046.000	113.023	113.023
7047.000	113.022	113.022	7048.000	113.021	113.021	7049.000	113.021	113.021	7050.000	113.020	113.020
7051.000	113.019	113.019	7052.000	113.018	113.018	7053.000	113.017	113.017	7054.000	113.017	113.017
7055.000	113.016	113.016	7056.000	113.015	113.015	7057.000	113.014	113.014	7058.000	113.013	113.013
7059.000	113.013	113.013	7060.000	113.012	113.012	7061.000	113.011	113.011	7062.000	113.010	113.010
7063.000	113.009	113.009	7064.000	113.009	113.009	7065.000	113.008	113.008	7066.000	113.007	113.007
7067.000	113.006	113.006	7068.000	113.005	113.005	7069.000	113.005	113.005	7070.000	113.004	113.004
7071.000	113.003	113.003	7072.000	113.002	113.002	7073.000	113.001	113.001	7074.000	113.000	113.000
7075.000	113.000	113.000	7076.000	112.999	112.999	7077.000	112.998	112.998	7078.000	112.997	112.997
7079.000	112.996	112.996	7080.000	112.996	112.996	7081.000	112.995	112.995	7082.000	112.994	112.994
7083.000	112.993	112.993	7084.000	112.992	112.992	7085.000	112.992	112.992	7086.000	112.991	112.991
7087.000	112.990	112.990	7088.000	112.989	112.989	7089.000	112.988	112.988	7090.000	112.988	112.988

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7091.000	112.987	112.987	7092.000	112.986	112.986	7093.000	112.985	112.985	7094.000	112.984	112.984
7095.000	112.984	112.984	7096.000	112.983	112.983	7097.000	112.982	112.982	7098.000	112.981	112.981
7099.000	112.980	112.980	7100.000	112.979	112.979	7101.000	112.979	112.979	7102.000	112.978	112.978
7103.000	112.977	112.977	7104.000	112.976	112.976	7105.000	112.975	112.975	7106.000	112.975	112.975
7107.000	112.974	112.974	7108.000	112.973	112.973	7109.000	112.972	112.972	7110.000	112.971	112.971
7111.000	112.970	112.970	7112.000	112.970	112.970	7113.000	112.969	112.969	7114.000	112.968	112.968
7115.000	112.967	112.967	7116.000	112.966	112.966	7117.000	112.966	112.966	7118.000	112.965	112.965
7119.000	112.964	112.964	7120.000	112.963	112.963	7121.000	112.962	112.962	7122.000	112.961	112.961
7123.000	112.961	112.961	7124.000	112.960	112.960	7125.000	112.959	112.959	7126.000	112.958	112.958
7127.000	112.957	112.957	7128.000	112.957	112.957	7129.000	112.956	112.956	7130.000	112.955	112.955
7131.000	112.954	112.954	7132.000	112.953	112.953	7133.000	112.952	112.952	7134.000	112.952	112.952
7135.000	112.951	112.951	7136.000	112.950	112.950	7137.000	112.949	112.949	7138.000	112.948	112.948
7139.000	112.948	112.948	7140.000	112.947	112.947	7141.000	112.946	112.946	7142.000	112.945	112.945
7143.000	112.944	112.944	7144.000	112.943	112.943	7145.000	112.943	112.943	7146.000	112.942	112.942
7147.000	112.941	112.941	7148.000	112.940	112.940	7149.000	112.939	112.939	7150.000	112.938	112.938
7151.000	112.938	112.938	7152.000	112.937	112.937	7153.000	112.936	112.936	7154.000	112.935	112.935
7155.000	112.934	112.934	7156.000	112.933	112.933	7157.000	112.933	112.933	7158.000	112.932	112.932
7159.000	112.931	112.931	7160.000	112.930	112.930	7161.000	112.929	112.929	7162.000	112.928	112.928
7163.000	112.928	112.928	7164.000	112.927	112.927	7165.000	112.926	112.926	7166.000	112.925	112.925
7167.000	112.924	112.924	7168.000	112.923	112.923	7169.000	112.923	112.923	7170.000	112.922	112.922
7171.000	112.921	112.921	7172.000	112.920	112.920	7173.000	112.919	112.919	7174.000	112.918	112.918
7175.000	112.918	112.918	7176.000	112.917	112.917	7177.000	112.916	112.916	7178.000	112.915	112.915
7179.000	112.914	112.914	7180.000	112.913	112.913	7181.000	112.913	112.913	7182.000	112.912	112.912
7183.000	112.911	112.911	7184.000	112.910	112.910	7185.000	112.909	112.909	7186.000	112.908	112.908
7187.000	112.908	112.908	7188.000	112.907	112.907	7189.000	112.906	112.906	7190.000	112.905	112.905
7191.000	112.904	112.904	7192.000	112.903	112.903	7193.000	112.903	112.903	7194.000	112.902	112.902
7195.000	112.901	112.901	7196.000	112.900	112.900	7197.000	112.899	112.899	7198.000	112.898	112.898
7199.000	112.897	112.897	7200.000	112.897	112.897	7201.000	112.896	112.896	7202.000	112.895	112.895
7203.000	112.894	112.894	7204.000	112.893	112.893	7205.000	112.892	112.892	7206.000	112.892	112.892
7207.000	112.891	112.891	7208.000	112.890	112.890	7209.000	112.889	112.889	7210.000	112.888	112.888
7211.000	112.887	112.887	7212.000	112.886	112.886	7213.000	112.886	112.886	7214.000	112.885	112.885
7215.000	112.884	112.884	7216.000	112.883	112.883	7217.000	112.882	112.882	7218.000	112.881	112.881
7219.000	112.881	112.881	7220.000	112.880	112.880	7221.000	112.879	112.879	7222.000	112.878	112.878
7223.000	112.877	112.877	7224.000	112.876	112.876	7225.000	112.875	112.875	7226.000	112.875	112.875
7227.000	112.874	112.874	7228.000	112.873	112.873	7229.000	112.872	112.872	7230.000	112.871	112.871
7231.000	112.870	112.870	7232.000	112.869	112.869	7233.000	112.869	112.869	7234.000	112.868	112.868
7235.000	112.867	112.867	7236.000	112.866	112.866	7237.000	112.865	112.865	7238.000	112.864	112.864

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7239.000	112.863	112.863	7240.000	112.863	112.863	7241.000	112.862	112.862	7242.000	112.861	112.861
7243.000	112.860	112.860	7244.000	112.859	112.859	7245.000	112.858	112.858	7246.000	112.857	112.857
7247.000	112.857	112.857	7248.000	112.856	112.856	7249.000	112.855	112.855	7250.000	112.854	112.854
7251.000	112.853	112.853	7252.000	112.852	112.852	7253.000	112.851	112.851	7254.000	112.851	112.851
7255.000	112.850	112.850	7256.000	112.849	112.849	7257.000	112.848	112.848	7258.000	112.847	112.847
7259.000	112.846	112.846	7260.000	112.845	112.845	7261.000	112.845	112.845	7262.000	112.844	112.844
7263.000	112.843	112.843	7264.000	112.842	112.842	7265.000	112.841	112.841	7266.000	112.840	112.840
7267.000	112.839	112.839	7268.000	112.838	112.838	7269.000	112.838	112.838	7270.000	112.837	112.837
7271.000	112.836	112.836	7272.000	112.835	112.835	7273.000	112.834	112.834	7274.000	112.833	112.833
7275.000	112.832	112.832	7276.000	112.832	112.832	7277.000	112.831	112.831	7278.000	112.830	112.830
7279.000	112.829	112.829	7280.000	112.828	112.828	7281.000	112.827	112.827	7282.000	112.826	112.826
7283.000	112.825	112.825	7284.000	112.825	112.825	7285.000	112.824	112.824	7286.000	112.823	112.823
7287.000	112.822	112.822	7288.000	112.821	112.821	7289.000	112.820	112.820	7290.000	112.819	112.819
7291.000	112.818	112.818	7292.000	112.817	112.817	7293.000	112.816	112.816	7294.000	112.816	112.816
7295.000	112.815	112.815	7296.000	112.814	112.814	7297.000	112.813	112.813	7298.000	112.812	112.812
7299.000	112.811	112.811	7300.000	112.810	112.810	7301.000	112.809	112.809	7302.000	112.808	112.808
7303.000	112.807	112.807	7304.000	112.807	112.807	7305.000	112.806	112.806	7306.000	112.805	112.805
7307.000	112.804	112.804	7308.000	112.803	112.803	7309.000	112.802	112.802	7310.000	112.801	112.801
7311.000	112.800	112.800	7312.000	112.799	112.799	7313.000	112.798	112.798	7314.000	112.797	112.797
7315.000	112.797	112.797	7316.000	112.796	112.796	7317.000	112.795	112.795	7318.000	112.794	112.794
7319.000	112.793	112.793	7320.000	112.792	112.792	7321.000	112.791	112.791	7322.000	112.790	112.790
7323.000	112.789	112.789	7324.000	112.788	112.788	7325.000	112.787	112.787	7326.000	112.786	112.786
7327.000	112.786	112.786	7328.000	112.785	112.785	7329.000	112.784	112.784	7330.000	112.783	112.783
7331.000	112.782	112.782	7332.000	112.781	112.781	7333.000	112.780	112.780	7334.000	112.779	112.779
7335.000	112.778	112.778	7336.000	112.777	112.777	7337.000	112.776	112.776	7338.000	112.775	112.775
7339.000	112.775	112.775	7340.000	112.774	112.774	7341.000	112.773	112.773	7342.000	112.772	112.772
7343.000	112.771	112.771	7344.000	112.770	112.770	7345.000	112.769	112.769	7346.000	112.768	112.768
7347.000	112.767	112.767	7348.000	112.766	112.766	7349.000	112.765	112.765	7350.000	112.764	112.764
7351.000	112.763	112.763	7352.000	112.762	112.762	7353.000	112.762	112.762	7354.000	112.761	112.761
7355.000	112.760	112.760	7356.000	112.759	112.759	7357.000	112.758	112.758	7358.000	112.757	112.757
7359.000	112.756	112.756	7360.000	112.755	112.755	7361.000	112.754	112.754	7362.000	112.753	112.753
7363.000	112.752	112.752	7364.000	112.751	112.751	7365.000	112.750	112.750	7366.000	112.749	112.749
7367.000	112.748	112.748	7368.000	112.747	112.747	7369.000	112.747	112.747	7370.000	112.746	112.746
7371.000	112.745	112.745	7372.000	112.744	112.744	7373.000	112.743	112.743	7374.000	112.742	112.742
7375.000	112.741	112.741	7376.000	112.740	112.740	7377.000	112.739	112.739	7378.000	112.738	112.738
7379.000	112.737	112.737	7380.000	112.736	112.736	7381.000	112.735	112.735	7382.000	112.734	112.734
7383.000	112.733	112.733	7384.000	112.732	112.732	7385.000	112.731	112.731	7386.000	112.730	112.730

Project: Clinton Flex Study  
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Engineer: Badar Hussain  
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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7387.000	112.730	112.730	7388.000	112.729	112.729	7389.000	112.728	112.728	7390.000	112.727	112.727
7391.000	112.726	112.726	7392.000	112.725	112.725	7393.000	112.724	112.724	7394.000	112.723	112.723
7395.000	112.722	112.722	7396.000	112.721	112.721	7397.000	112.720	112.720	7398.000	112.719	112.719
7399.000	112.718	112.718	7400.000	112.717	112.717	7401.000	112.716	112.716	7402.000	112.715	112.715
7403.000	112.714	112.714	7404.000	112.713	112.713	7405.000	112.712	112.712	7406.000	112.711	112.711
7407.000	112.710	112.710	7408.000	112.709	112.709	7409.000	112.708	112.708	7410.000	112.708	112.708
7411.000	112.707	112.707	7412.000	112.706	112.706	7413.000	112.705	112.705	7414.000	112.704	112.704
7415.000	112.703	112.703	7416.000	112.702	112.702	7417.000	112.701	112.701	7418.000	112.700	112.700
7419.000	112.699	112.699	7420.000	112.698	112.698	7421.000	112.697	112.697	7422.000	112.696	112.696
7423.000	112.695	112.695	7424.000	112.694	112.694	7425.000	112.693	112.693	7426.000	112.692	112.692
7427.000	112.691	112.691	7428.000	112.690	112.690	7429.000	112.689	112.689	7430.000	112.688	112.688
7431.000	112.687	112.687	7432.000	112.686	112.686	7433.000	112.685	112.685	7434.000	112.684	112.684
7435.000	112.683	112.683	7436.000	112.682	112.682	7437.000	112.681	112.681	7438.000	112.680	112.680
7439.000	112.679	112.679	7440.000	112.678	112.678	7441.000	112.677	112.677	7442.000	112.676	112.676
7443.000	112.675	112.675	7444.000	112.674	112.674	7445.000	112.673	112.673	7446.000	112.672	112.672
7447.000	112.671	112.671	7448.000	112.670	112.670	7449.000	112.670	112.670	7450.000	112.669	112.669
7451.000	112.668	112.668	7452.000	112.667	112.667	7453.000	112.666	112.666	7454.000	112.665	112.665
7455.000	112.664	112.664	7456.000	112.663	112.663	7457.000	112.662	112.662	7458.000	112.661	112.661
7459.000	112.660	112.660	7460.000	112.659	112.659	7461.000	112.658	112.658	7462.000	112.657	112.657
7463.000	112.656	112.656	7464.000	112.655	112.655	7465.000	112.654	112.654	7466.000	112.653	112.653
7467.000	112.652	112.652	7468.000	112.651	112.651	7469.000	112.650	112.650	7470.000	112.649	112.649
7471.000	112.648	112.648	7472.000	112.647	112.647	7473.000	112.646	112.646	7474.000	112.645	112.645
7475.000	112.644	112.644	7476.000	112.643	112.643	7477.000	112.642	112.642	7478.000	112.641	112.641
7479.000	112.640	112.640	7480.000	112.639	112.639	7481.000	112.638	112.638	7482.000	112.637	112.637
7483.000	112.636	112.636	7484.000	112.635	112.635	7485.000	112.634	112.634	7486.000	112.633	112.633
7487.000	112.632	112.632	7488.000	112.631	112.631	7489.000	112.630	112.630	7490.000	112.629	112.629
7491.000	112.628	112.628	7492.000	112.627	112.627	7493.000	112.626	112.626	7494.000	112.625	112.625
7495.000	112.624	112.624	7496.000	112.623	112.623	7497.000	112.622	112.622	7498.000	112.620	112.620
7499.000	112.619	112.619	7500.000	112.618	112.618	7501.000	112.617	112.617	7502.000	112.616	112.616
7503.000	112.615	112.615	7504.000	112.614	112.614	7505.000	112.613	112.613	7506.000	112.612	112.612
7507.000	112.611	112.611	7508.000	112.610	112.610	7509.000	112.609	112.609	7510.000	112.608	112.608
7511.000	112.607	112.607	7512.000	112.606	112.606	7513.000	112.605	112.605	7514.000	112.604	112.604
7515.000	112.603	112.603	7516.000	112.602	112.602	7517.000	112.601	112.601	7518.000	112.600	112.600
7519.000	112.599	112.599	7520.000	112.598	112.598	7521.000	112.597	112.597	7522.000	112.596	112.596
7523.000	112.595	112.595	7524.000	112.594	112.594	7525.000	112.593	112.593	7526.000	112.592	112.592
7527.000	112.591	112.591	7528.000	112.590	112.590	7529.000	112.589	112.589	7530.000	112.588	112.588
7531.000	112.587	112.587	7532.000	112.586	112.586	7533.000	112.585	112.585	7534.000	112.584	112.584

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

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BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7535.000	112.583	112.583	7536.000	112.581	112.581	7537.000	112.580	112.580	7538.000	112.579	112.579
7539.000	112.578	112.578	7540.000	112.577	112.577	7541.000	112.576	112.576	7542.000	112.575	112.575
7543.000	112.574	112.574	7544.000	112.573	112.573	7545.000	112.572	112.572	7546.000	112.571	112.571
7547.000	112.570	112.570	7548.000	112.569	112.569	7549.000	112.568	112.568	7550.000	112.567	112.567
7551.000	112.566	112.566	7552.000	112.565	112.565	7553.000	112.564	112.564	7554.000	112.563	112.563
7555.000	112.562	112.562	7556.000	112.561	112.561	7557.000	112.560	112.560	7558.000	112.558	112.558
7559.000	112.557	112.557	7560.000	112.556	112.556	7561.000	112.555	112.555	7562.000	112.554	112.554
7563.000	112.553	112.553	7564.000	112.552	112.552	7565.000	112.551	112.551	7566.000	112.550	112.550
7567.000	112.549	112.549	7568.000	112.548	112.548	7569.000	112.547	112.547	7570.000	112.546	112.546
7571.000	112.545	112.545	7572.000	112.544	112.544	7573.000	112.543	112.543	7574.000	112.542	112.542
7575.000	112.540	112.540	7576.000	112.539	112.539	7577.000	112.538	112.538	7578.000	112.537	112.537
7579.000	112.536	112.536	7580.000	112.535	112.535	7581.000	112.534	112.534	7582.000	112.533	112.533
7583.000	112.532	112.532	7584.000	112.531	112.531	7585.000	112.530	112.530	7586.000	112.529	112.529
7587.000	112.528	112.528	7588.000	112.527	112.527	7589.000	112.526	112.526	7590.000	112.524	112.524
7591.000	112.523	112.523	7592.000	112.522	112.522	7593.000	112.521	112.521	7594.000	112.520	112.520
7595.000	112.519	112.519	7596.000	112.518	112.518	7597.000	112.517	112.517	7598.000	112.516	112.516
7599.000	112.515	112.515	7600.000	112.514	112.514	7601.000	112.513	112.513	7602.000	112.512	112.512
7603.000	112.510	112.510	7604.000	112.509	112.509	7605.000	112.508	112.508	7606.000	112.507	112.507
7607.000	112.506	112.506	7608.000	112.505	112.505	7609.000	112.504	112.504	7610.000	112.503	112.503
7611.000	112.502	112.502	7612.000	112.501	112.501	7613.000	112.500	112.500	7614.000	112.499	112.499
7615.000	112.497	112.497	7616.000	112.496	112.496	7617.000	112.495	112.495	7618.000	112.494	112.494
7619.000	112.493	112.493	7620.000	112.492	112.492	7621.000	112.491	112.491	7622.000	112.490	112.490
7623.000	112.489	112.489	7624.000	112.488	112.488	7625.000	112.486	112.486	7626.000	112.485	112.485
7627.000	112.484	112.484	7628.000	112.483	112.483	7629.000	112.482	112.482	7630.000	112.481	112.481
7631.000	112.480	112.480	7632.000	112.479	112.479	7633.000	112.478	112.478	7634.000	112.477	112.477
7635.000	112.475	112.475	7636.000	112.474	112.474	7637.000	112.473	112.473	7638.000	112.472	112.472
7639.000	112.471	112.471	7640.000	112.470	112.470	7641.000	112.468	112.468	7642.000	112.467	112.467
7643.000	112.466	112.466	7644.000	112.465	112.465	7645.000	112.464	112.464	7646.000	112.463	112.463
7647.000	112.462	112.462	7648.000	112.460	112.460	7649.000	112.459	112.459	7650.000	112.458	112.458
7651.000	112.457	112.457	7652.000	112.456	112.456	7653.000	112.455	112.455	7654.000	112.453	112.453
7655.000	112.452	112.452	7656.000	112.451	112.451	7657.000	112.450	112.450	7658.000	112.449	112.449
7659.000	112.448	112.448	7660.000	112.447	112.447	7661.000	112.445	112.445	7662.000	112.444	112.444
7663.000	112.443	112.443	7664.000	112.442	112.442	7665.000	112.441	112.441	7666.000	112.440	112.440
7667.000	112.438	112.438	7668.000	112.437	112.437	7669.000	112.436	112.436	7670.000	112.435	112.435
7671.000	112.434	112.434	7672.000	112.432	112.432	7673.000	112.431	112.431	7674.000	112.430	112.430
7675.000	112.429	112.429	7676.000	112.428	112.428	7677.000	112.427	112.427	7678.000	112.425	112.425
7679.000	112.424	112.424	7680.000	112.423	112.423	7681.000	112.422	112.422	7682.000	112.421	112.421

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

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BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7683.000	112.419	112.419	7684.000	112.418	112.418	7685.000	112.417	112.417	7686.000	112.416	112.416
7687.000	112.415	112.415	7688.000	112.414	112.414	7689.000	112.412	112.412	7690.000	112.411	112.411
7691.000	112.410	112.410	7692.000	112.409	112.409	7693.000	112.408	112.408	7694.000	112.406	112.406
7695.000	112.405	112.405	7696.000	112.404	112.404	7697.000	112.403	112.403	7698.000	112.402	112.402
7699.000	112.400	112.400	7700.000	112.399	112.399	7701.000	112.398	112.398	7702.000	112.397	112.397
7703.000	112.396	112.396	7704.000	112.394	112.394	7705.000	112.393	112.393	7706.000	112.392	112.392
7707.000	112.391	112.391	7708.000	112.390	112.390	7709.000	112.388	112.388	7710.000	112.387	112.387
7711.000	112.386	112.386	7712.000	112.385	112.385	7713.000	112.384	112.384	7714.000	112.382	112.382
7715.000	112.381	112.381	7716.000	112.380	112.380	7717.000	112.379	112.379	7718.000	112.377	112.377
7719.000	112.376	112.376	7720.000	112.375	112.375	7721.000	112.374	112.374	7722.000	112.373	112.373
7723.000	112.371	112.371	7724.000	112.370	112.370	7725.000	112.369	112.369	7726.000	112.368	112.368
7727.000	112.366	112.366	7728.000	112.365	112.365	7729.000	112.364	112.364	7730.000	112.363	112.363
7731.000	112.362	112.362	7732.000	112.360	112.360	7733.000	112.359	112.359	7734.000	112.358	112.358
7735.000	112.357	112.357	7736.000	112.355	112.355	7737.000	112.354	112.354	7738.000	112.353	112.353
7739.000	112.352	112.352	7740.000	112.350	112.350	7741.000	112.349	112.349	7742.000	112.348	112.348
7743.000	112.347	112.347	7744.000	112.345	112.345	7745.000	112.344	112.344	7746.000	112.343	112.343
7747.000	112.342	112.342	7748.000	112.340	112.340	7749.000	112.339	112.339	7750.000	112.338	112.338
7751.000	112.337	112.337	7752.000	112.335	112.335	7753.000	112.334	112.334	7754.000	112.333	112.333
7755.000	112.332	112.332	7756.000	112.330	112.330	7757.000	112.329	112.329	7758.000	112.328	112.328
7759.000	112.327	112.327	7760.000	112.325	112.325	7761.000	112.324	112.324	7762.000	112.323	112.323
7763.000	112.322	112.322	7764.000	112.320	112.320	7765.000	112.319	112.319	7766.000	112.318	112.318
7767.000	112.317	112.317	7768.000	112.315	112.315	7769.000	112.314	112.314	7770.000	112.313	112.313
7771.000	112.312	112.312	7772.000	112.310	112.310	7773.000	112.309	112.309	7774.000	112.308	112.308
7775.000	112.306	112.306	7776.000	112.305	112.305	7777.000	112.304	112.304	7778.000	112.303	112.303
7779.000	112.301	112.301	7780.000	112.300	112.300	7781.000	112.299	112.299	7782.000	112.297	112.297
7783.000	112.296	112.296	7784.000	112.295	112.295	7785.000	112.294	112.294	7786.000	112.292	112.292
7787.000	112.291	112.291	7788.000	112.290	112.290	7789.000	112.288	112.288	7790.000	112.287	112.287
7791.000	112.286	112.286	7792.000	112.285	112.285	7793.000	112.283	112.283	7794.000	112.282	112.282
7795.000	112.281	112.281	7796.000	112.279	112.279	7797.000	112.278	112.278	7798.000	112.277	112.277
7799.000	112.276	112.276	7800.000	112.274	112.274	7801.000	112.273	112.273	7802.000	112.272	112.272
7803.000	112.270	112.270	7804.000	112.269	112.269	7805.000	112.268	112.268	7806.000	112.266	112.266
7807.000	112.265	112.265	7808.000	112.264	112.264	7809.000	112.263	112.263	7810.000	112.261	112.261
7811.000	112.260	112.260	7812.000	112.259	112.259	7813.000	112.257	112.257	7814.000	112.256	112.256
7815.000	112.255	112.255	7816.000	112.253	112.253	7817.000	112.252	112.252	7818.000	112.251	112.251
7819.000	112.249	112.249	7820.000	112.248	112.248	7821.000	112.247	112.247	7822.000	112.245	112.245
7823.000	112.244	112.244	7824.000	112.243	112.243	7825.000	112.241	112.241	7826.000	112.240	112.240
7827.000	112.239	112.239	7828.000	112.237	112.237	7829.000	112.236	112.236	7830.000	112.235	112.235

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7831.000	112.233	112.233	7832.000	112.232	112.232	7833.000	112.231	112.231	7834.000	112.229	112.229
7835.000	112.228	112.228	7836.000	112.227	112.227	7837.000	112.225	112.225	7838.000	112.224	112.224
7839.000	112.223	112.223	7840.000	112.221	112.221	7841.000	112.220	112.220	7842.000	112.219	112.219
7843.000	112.217	112.217	7844.000	112.216	112.216	7845.000	112.215	112.215	7846.000	112.213	112.213
7847.000	112.212	112.212	7848.000	112.211	112.211	7849.000	112.209	112.209	7850.000	112.208	112.208
7851.000	112.207	112.207	7852.000	112.205	112.205	7853.000	112.204	112.204	7854.000	112.203	112.203
7855.000	112.201	112.201	7856.000	112.200	112.200	7857.000	112.198	112.198	7858.000	112.197	112.197
7859.000	112.196	112.196	7860.000	112.194	112.194	7861.000	112.193	112.193	7862.000	112.192	112.192
7863.000	112.190	112.190	7864.000	112.189	112.189	7865.000	112.188	112.188	7866.000	112.186	112.186
7867.000	112.185	112.185	7868.000	112.183	112.183	7869.000	112.182	112.182	7870.000	112.181	112.181
7871.000	112.179	112.179	7872.000	112.178	112.178	7873.000	112.177	112.177	7874.000	112.175	112.175
7875.000	112.174	112.174	7876.000	112.172	112.172	7877.000	112.171	112.171	7878.000	112.170	112.170
7879.000	112.168	112.168	7880.000	112.167	112.167	7881.000	112.165	112.165	7882.000	112.164	112.164
7883.000	112.163	112.163	7884.000	112.161	112.161	7885.000	112.160	112.160	7886.000	112.159	112.159
7887.000	112.157	112.157	7888.000	112.156	112.156	7889.000	112.154	112.154	7890.000	112.153	112.153
7891.000	112.152	112.152	7892.000	112.150	112.150	7893.000	112.149	112.149	7894.000	112.147	112.147
7895.000	112.146	112.146	7896.000	112.145	112.145	7897.000	112.143	112.143	7898.000	112.142	112.142
7899.000	112.140	112.140	7900.000	112.139	112.139	7901.000	112.137	112.137	7902.000	112.136	112.136
7903.000	112.135	112.135	7904.000	112.133	112.133	7905.000	112.132	112.132	7906.000	112.130	112.130
7907.000	112.129	112.129	7908.000	112.128	112.128	7909.000	112.126	112.126	7910.000	112.125	112.125
7911.000	112.123	112.123	7912.000	112.122	112.122	7913.000	112.120	112.120	7914.000	112.119	112.119
7915.000	112.118	112.118	7916.000	112.116	112.116	7917.000	112.115	112.115	7918.000	112.113	112.113
7919.000	112.112	112.112	7920.000	112.110	112.110	7921.000	112.109	112.109	7922.000	112.108	112.108
7923.000	112.106	112.106	7924.000	112.105	112.105	7925.000	112.103	112.103	7926.000	112.102	112.102
7927.000	112.100	112.100	7928.000	112.099	112.099	7929.000	112.097	112.097	7930.000	112.096	112.096
7931.000	112.095	112.095	7932.000	112.093	112.093	7933.000	112.092	112.092	7934.000	112.090	112.090
7935.000	112.089	112.089	7936.000	112.087	112.087	7937.000	112.086	112.086	7938.000	112.084	112.084
7939.000	112.083	112.083	7940.000	112.082	112.082	7941.000	112.080	112.080	7942.000	112.079	112.079
7943.000	112.077	112.077	7944.000	112.076	112.076	7945.000	112.074	112.074	7946.000	112.073	112.073
7947.000	112.071	112.071	7948.000	112.070	112.070	7949.000	112.068	112.068	7950.000	112.067	112.067
7951.000	112.065	112.065	7952.000	112.064	112.064	7953.000	112.062	112.062	7954.000	112.061	112.061
7955.000	112.059	112.059	7956.000	112.058	112.058	7957.000	112.057	112.057	7958.000	112.055	112.055
7959.000	112.054	112.054	7960.000	112.052	112.052	7961.000	112.051	112.051	7962.000	112.049	112.049
7963.000	112.048	112.048	7964.000	112.046	112.046	7965.000	112.045	112.045	7966.000	112.043	112.043
7967.000	112.042	112.042	7968.000	112.040	112.040	7969.000	112.039	112.039	7970.000	112.037	112.037
7971.000	112.036	112.036	7972.000	112.034	112.034	7973.000	112.033	112.033	7974.000	112.031	112.031
7975.000	112.030	112.030	7976.000	112.028	112.028	7977.000	112.027	112.027	7978.000	112.025	112.025

Project: Clinton Flex Study  
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Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7979.000	112.024	112.024	7980.000	112.022	112.022	7981.000	112.021	112.021	7982.000	112.019	112.019
7983.000	112.018	112.018	7984.000	112.016	112.016	7985.000	112.015	112.015	7986.000	112.013	112.013
7987.000	112.012	112.012	7988.000	112.010	112.010	7989.000	112.009	112.009	7990.000	112.007	112.007
7991.000	112.005	112.005	7992.000	112.004	112.004	7993.000	112.002	112.002	7994.000	112.001	112.001
7995.000	111.999	111.999	7996.000	111.998	111.998	7997.000	111.996	111.996	7998.000	111.995	111.995
7999.000	111.993	111.993	8000.000	111.992	111.992	8001.000	111.990	111.990	8002.000	111.989	111.989
8003.000	111.987	111.987	8004.000	111.986	111.986	8005.000	111.984	111.984	8006.000	111.982	111.982
8007.000	111.981	111.981	8008.000	111.979	111.979	8009.000	111.978	111.978	8010.000	111.976	111.976
8011.000	111.975	111.975	8012.000	111.973	111.973	8013.000	111.972	111.972	8014.000	111.970	111.970
8015.000	111.969	111.969	8016.000	111.967	111.967	8017.000	111.965	111.965	8018.000	111.964	111.964
8019.000	111.962	111.962	8020.000	111.961	111.961	8021.000	111.959	111.959	8022.000	111.958	111.958
8023.000	111.956	111.956	8024.000	111.954	111.954	8025.000	111.953	111.953	8026.000	111.951	111.951
8027.000	111.950	111.950	8028.000	111.948	111.948	8029.000	111.947	111.947	8030.000	111.945	111.945
8031.000	111.943	111.943	8032.000	111.942	111.942	8033.000	111.940	111.940	8034.000	111.939	111.939
8035.000	111.937	111.937	8036.000	111.936	111.936	8037.000	111.934	111.934	8038.000	111.932	111.932
8039.000	111.931	111.931	8040.000	111.929	111.929	8041.000	111.928	111.928	8042.000	111.926	111.926
8043.000	111.924	111.924	8044.000	111.923	111.923	8045.000	111.921	111.921	8046.000	111.920	111.920
8047.000	111.918	111.918	8048.000	111.916	111.916	8049.000	111.915	111.915	8050.000	111.913	111.913
8051.000	111.912	111.912	8052.000	111.910	111.910	8053.000	111.908	111.908	8054.000	111.907	111.907
8055.000	111.905	111.905	8056.000	111.904	111.904	8057.000	111.902	111.902	8058.000	111.900	111.900
8059.000	111.899	111.899	8060.000	111.897	111.897	8061.000	111.895	111.895	8062.000	111.894	111.894
8063.000	111.892	111.892	8064.000	111.891	111.891	8065.000	111.889	111.889	8066.000	111.887	111.887
8067.000	111.886	111.886	8068.000	111.884	111.884	8069.000	111.882	111.882	8070.000	111.881	111.881
8071.000	111.879	111.879	8072.000	111.878	111.878	8073.000	111.876	111.876	8074.000	111.874	111.874
8075.000	111.873	111.873	8076.000	111.871	111.871	8077.000	111.869	111.869	8078.000	111.868	111.868
8079.000	111.866	111.866	8080.000	111.864	111.864	8081.000	111.863	111.863	8082.000	111.861	111.861
8083.000	111.859	111.859	8084.000	111.858	111.858	8085.000	111.856	111.856	8086.000	111.855	111.855
8087.000	111.853	111.853	8088.000	111.851	111.851	8089.000	111.850	111.850	8090.000	111.848	111.848
8091.000	111.846	111.846	8092.000	111.845	111.845	8093.000	111.843	111.843	8094.000	111.841	111.841
8095.000	111.840	111.840	8096.000	111.838	111.838	8097.000	111.836	111.836	8098.000	111.834	111.834
8099.000	111.833	111.833	8100.000	111.831	111.831	8101.000	111.829	111.829	8102.000	111.828	111.828
8103.000	111.826	111.826	8104.000	111.824	111.824	8105.000	111.823	111.823	8106.000	111.821	111.821
8107.000	111.819	111.819	8108.000	111.818	111.818	8109.000	111.816	111.816	8110.000	111.814	111.814
8111.000	111.813	111.813	8112.000	111.811	111.811	8113.000	111.809	111.809	8114.000	111.807	111.807
8115.000	111.806	111.806	8116.000	111.804	111.804	8117.000	111.802	111.802	8118.000	111.801	111.801
8119.000	111.799	111.799	8120.000	111.797	111.797	8121.000	111.796	111.796	8122.000	111.794	111.794
8123.000	111.792	111.792	8124.000	111.790	111.790	8125.000	111.789	111.789	8126.000	111.787	111.787

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8127.000	111.785	111.785	8128.000	111.784	111.784	8129.000	111.782	111.782	8130.000	111.780	111.780
8131.000	111.778	111.778	8132.000	111.777	111.777	8133.000	111.775	111.775	8134.000	111.773	111.773
8135.000	111.771	111.771	8136.000	111.770	111.770	8137.000	111.768	111.768	8138.000	111.766	111.766
8139.000	111.764	111.764	8140.000	111.763	111.763	8141.000	111.761	111.761	8142.000	111.759	111.759
8143.000	111.758	111.758	8144.000	111.756	111.756	8145.000	111.754	111.754	8146.000	111.752	111.752
8147.000	111.751	111.751	8148.000	111.749	111.749	8149.000	111.747	111.747	8150.000	111.745	111.745
8151.000	111.743	111.743	8152.000	111.742	111.742	8153.000	111.740	111.740	8154.000	111.738	111.738
8155.000	111.736	111.736	8156.000	111.735	111.735	8157.000	111.733	111.733	8158.000	111.731	111.731
8159.000	111.729	111.729	8160.000	111.728	111.728	8161.000	111.726	111.726	8162.000	111.724	111.724
8163.000	111.722	111.722	8164.000	111.720	111.720	8165.000	111.719	111.719	8166.000	111.717	111.717
8167.000	111.715	111.715	8168.000	111.713	111.713	8169.000	111.712	111.712	8170.000	111.710	111.710
8171.000	111.708	111.708	8172.000	111.706	111.706	8173.000	111.704	111.704	8174.000	111.703	111.703
8175.000	111.701	111.701	8176.000	111.699	111.699	8177.000	111.697	111.697	8178.000	111.695	111.695
8179.000	111.694	111.694	8180.000	111.692	111.692	8181.000	111.690	111.690	8182.000	111.688	111.688
8183.000	111.686	111.686	8184.000	111.685	111.685	8185.000	111.683	111.683	8186.000	111.681	111.681
8187.000	111.679	111.679	8188.000	111.677	111.677	8189.000	111.675	111.675	8190.000	111.674	111.674
8191.000	111.672	111.672	8192.000	111.670	111.670	8193.000	111.668	111.668	8194.000	111.666	111.666
8195.000	111.664	111.664	8196.000	111.663	111.663	8197.000	111.661	111.661	8198.000	111.659	111.659
8199.000	111.657	111.657	8200.000	111.655	111.655	8201.000	111.653	111.653	8202.000	111.652	111.652
8203.000	111.650	111.650	8204.000	111.648	111.648	8205.000	111.646	111.646	8206.000	111.644	111.644
8207.000	111.642	111.642	8208.000	111.640	111.640	8209.000	111.639	111.639	8210.000	111.637	111.637
8211.000	111.635	111.635	8212.000	111.633	111.633	8213.000	111.631	111.631	8214.000	111.629	111.629
8215.000	111.627	111.627	8216.000	111.626	111.626	8217.000	111.624	111.624	8218.000	111.622	111.622
8219.000	111.620	111.620	8220.000	111.618	111.618	8221.000	111.616	111.616	8222.000	111.614	111.614
8223.000	111.612	111.612	8224.000	111.611	111.611	8225.000	111.609	111.609	8226.000	111.607	111.607
8227.000	111.605	111.605	8228.000	111.603	111.603	8229.000	111.601	111.601	8230.000	111.599	111.599
8231.000	111.597	111.597	8232.000	111.595	111.595	8233.000	111.593	111.593	8234.000	111.592	111.592
8235.000	111.590	111.590	8236.000	111.588	111.588	8237.000	111.586	111.586	8238.000	111.584	111.584
8239.000	111.582	111.582	8240.000	111.580	111.580	8241.000	111.578	111.578	8242.000	111.576	111.576
8243.000	111.574	111.574	8244.000	111.572	111.572	8245.000	111.570	111.570	8246.000	111.569	111.569
8247.000	111.567	111.567	8248.000	111.565	111.565	8249.000	111.563	111.563	8250.000	111.561	111.561
8251.000	111.559	111.559	8252.000	111.557	111.557	8253.000	111.555	111.555	8254.000	111.553	111.553
8255.000	111.551	111.551	8256.000	111.549	111.549	8257.000	111.547	111.547	8258.000	111.545	111.545
8259.000	111.543	111.543	8260.000	111.541	111.541	8261.000	111.539	111.539	8262.000	111.537	111.537
8263.000	111.536	111.536	8264.000	111.534	111.534	8265.000	111.532	111.532	8266.000	111.530	111.530
8267.000	111.528	111.528	8268.000	111.526	111.526	8269.000	111.524	111.524	8270.000	111.522	111.522
8271.000	111.520	111.520	8272.000	111.518	111.518	8273.000	111.516	111.516	8274.000	111.514	111.514

Project: Clinton Flex Study  
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BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8275.000	111.512	111.512	8276.000	111.510	111.510	8277.000	111.508	111.508	8278.000	111.506	111.506
8279.000	111.504	111.504	8280.000	111.502	111.502	8281.000	111.500	111.500	8282.000	111.498	111.498
8283.000	111.496	111.496	8284.000	111.494	111.494	8285.000	111.492	111.492	8286.000	111.490	111.490
8287.000	111.488	111.488	8288.000	111.486	111.486	8289.000	111.484	111.484	8290.000	111.482	111.482
8291.000	111.480	111.480	8292.000	111.478	111.478	8293.000	111.476	111.476	8294.000	111.474	111.474
8295.000	111.472	111.472	8296.000	111.470	111.470	8297.000	111.468	111.468	8298.000	111.466	111.466
8299.000	111.464	111.464	8300.000	111.462	111.462	8301.000	111.460	111.460	8302.000	111.458	111.458
8303.000	111.456	111.456	8304.000	111.454	111.454	8305.000	111.452	111.452	8306.000	111.449	111.449
8307.000	111.447	111.447	8308.000	111.445	111.445	8309.000	111.443	111.443	8310.000	111.441	111.441
8311.000	111.439	111.439	8312.000	111.437	111.437	8313.000	111.435	111.435	8314.000	111.433	111.433
8315.000	111.431	111.431	8316.000	111.429	111.429	8317.000	111.427	111.427	8318.000	111.425	111.425
8319.000	111.423	111.423	8320.000	111.421	111.421	8321.000	111.419	111.419	8322.000	111.416	111.416
8323.000	111.414	111.414	8324.000	111.412	111.412	8325.000	111.410	111.410	8326.000	111.408	111.408
8327.000	111.406	111.406	8328.000	111.404	111.404	8329.000	111.402	111.402	8330.000	111.400	111.400
8331.000	111.398	111.398	8332.000	111.396	111.396	8333.000	111.394	111.394	8334.000	111.391	111.391
8335.000	111.389	111.389	8336.000	111.387	111.387	8337.000	111.385	111.385	8338.000	111.383	111.383
8339.000	111.381	111.381	8340.000	111.379	111.379	8341.000	111.377	111.377	8342.000	111.375	111.375
8343.000	111.372	111.372	8344.000	111.370	111.370	8345.000	111.368	111.368	8346.000	111.366	111.366
8347.000	111.364	111.364	8348.000	111.362	111.362	8349.000	111.360	111.360	8350.000	111.357	111.357
8351.000	111.355	111.355	8352.000	111.353	111.353	8353.000	111.351	111.351	8354.000	111.349	111.349
8355.000	111.347	111.347	8356.000	111.345	111.345	8357.000	111.342	111.342	8358.000	111.340	111.340
8359.000	111.338	111.338	8360.000	111.336	111.336	8361.000	111.334	111.334	8362.000	111.332	111.332
8363.000	111.329	111.329	8364.000	111.327	111.327	8365.000	111.325	111.325	8366.000	111.323	111.323
8367.000	111.321	111.321	8368.000	111.319	111.319	8369.000	111.316	111.316	8370.000	111.314	111.314
8371.000	111.312	111.312	8372.000	111.310	111.310	8373.000	111.308	111.308	8374.000	111.306	111.306
8375.000	111.303	111.303	8376.000	111.301	111.301	8377.000	111.299	111.299	8378.000	111.297	111.297
8379.000	111.295	111.295	8380.000	111.292	111.292	8381.000	111.290	111.290	8382.000	111.288	111.288
8383.000	111.286	111.286	8384.000	111.283	111.283	8385.000	111.281	111.281	8386.000	111.279	111.279
8387.000	111.277	111.277	8388.000	111.275	111.275	8389.000	111.272	111.272	8390.000	111.270	111.270
8391.000	111.268	111.268	8392.000	111.266	111.266	8393.000	111.263	111.263	8394.000	111.261	111.261
8395.000	111.259	111.259	8396.000	111.257	111.257	8397.000	111.254	111.254	8398.000	111.252	111.252
8399.000	111.250	111.250	8400.000	111.248	111.248	8401.000	111.245	111.245	8402.000	111.243	111.243
8403.000	111.241	111.241	8404.000	111.239	111.239	8405.000	111.236	111.236	8406.000	111.234	111.234
8407.000	111.232	111.232	8408.000	111.230	111.230	8409.000	111.227	111.227	8410.000	111.225	111.225
8411.000	111.223	111.223	8412.000	111.221	111.221	8413.000	111.218	111.218	8414.000	111.216	111.216
8415.000	111.214	111.214	8416.000	111.211	111.211	8417.000	111.209	111.209	8418.000	111.207	111.207
8419.000	111.205	111.205	8420.000	111.202	111.202	8421.000	111.200	111.200	8422.000	111.198	111.198

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8423.000	111.195	111.195	8424.000	111.193	111.193	8425.000	111.191	111.191	8426.000	111.188	111.188
8427.000	111.186	111.186	8428.000	111.184	111.184	8429.000	111.181	111.181	8430.000	111.179	111.179
8431.000	111.177	111.177	8432.000	111.174	111.174	8433.000	111.172	111.172	8434.000	111.170	111.170
8435.000	111.167	111.167	8436.000	111.165	111.165	8437.000	111.163	111.163	8438.000	111.160	111.160
8439.000	111.158	111.158	8440.000	111.156	111.156	8441.000	111.153	111.153	8442.000	111.151	111.151
8443.000	111.149	111.149	8444.000	111.146	111.146	8445.000	111.144	111.144	8446.000	111.142	111.142
8447.000	111.139	111.139	8448.000	111.137	111.137	8449.000	111.134	111.134	8450.000	111.132	111.132
8451.000	111.130	111.130	8452.000	111.127	111.127	8453.000	111.125	111.125	8454.000	111.123	111.123
8455.000	111.120	111.120	8456.000	111.118	111.118	8457.000	111.115	111.115	8458.000	111.113	111.113
8459.000	111.111	111.111	8460.000	111.108	111.108	8461.000	111.106	111.106	8462.000	111.103	111.103
8463.000	111.101	111.101	8464.000	111.099	111.099	8465.000	111.096	111.096	8466.000	111.094	111.094
8467.000	111.091	111.091	8468.000	111.089	111.089	8469.000	111.086	111.086	8470.000	111.084	111.084
8471.000	111.082	111.082	8472.000	111.079	111.079	8473.000	111.077	111.077	8474.000	111.074	111.074
8475.000	111.072	111.072	8476.000	111.069	111.069	8477.000	111.067	111.067	8478.000	111.065	111.065
8479.000	111.062	111.062	8480.000	111.060	111.060	8481.000	111.057	111.057	8482.000	111.055	111.055
8483.000	111.052	111.052	8484.000	111.050	111.050	8485.000	111.047	111.047	8486.000	111.045	111.045
8487.000	111.042	111.042	8488.000	111.040	111.040	8489.000	111.037	111.037	8490.000	111.035	111.035
8491.000	111.032	111.032	8492.000	111.030	111.030	8493.000	111.027	111.027	8494.000	111.025	111.025
8495.000	111.022	111.022	8496.000	111.020	111.020	8497.000	111.017	111.017	8498.000	111.015	111.015
8499.000	111.012	111.012	8500.000	111.010	111.010	8501.000	111.007	111.007	8502.000	111.005	111.005
8503.000	111.002	111.002	8504.000	111.000	111.000	8505.000	110.997	110.997	8506.000	110.995	110.995
8507.000	110.992	110.992	8508.000	110.990	110.990	8509.000	110.987	110.987	8510.000	110.985	110.985
8511.000	110.982	110.982	8512.000	110.980	110.980	8513.000	110.977	110.977	8514.000	110.975	110.975
8515.000	110.972	110.972	8516.000	110.969	110.969	8517.000	110.967	110.967	8518.000	110.964	110.964
8519.000	110.962	110.962	8520.000	110.959	110.959	8521.000	110.957	110.957	8522.000	110.954	110.954
8523.000	110.951	110.951	8524.000	110.949	110.949	8525.000	110.946	110.946	8526.000	110.944	110.944
8527.000	110.941	110.941	8528.000	110.939	110.939	8529.000	110.936	110.936	8530.000	110.933	110.933
8531.000	110.931	110.931	8532.000	110.928	110.928	8533.000	110.926	110.926	8534.000	110.923	110.923
8535.000	110.920	110.920	8536.000	110.918	110.918	8537.000	110.915	110.915	8538.000	110.912	110.912
8539.000	110.910	110.910	8540.000	110.907	110.907	8541.000	110.905	110.905	8542.000	110.902	110.902
8543.000	110.899	110.899	8544.000	110.897	110.897	8545.000	110.894	110.894	8546.000	110.891	110.891
8547.000	110.889	110.889	8548.000	110.886	110.886	8549.000	110.883	110.883	8550.000	110.881	110.881
8551.000	110.878	110.878	8552.000	110.876	110.876	8553.000	110.873	110.873	8554.000	110.870	110.870
8555.000	110.868	110.868	8556.000	110.865	110.865	8557.000	110.862	110.862	8558.000	110.859	110.859
8559.000	110.857	110.857	8560.000	110.854	110.854	8561.000	110.851	110.851	8562.000	110.849	110.849
8563.000	110.846	110.846	8564.000	110.843	110.843	8565.000	110.841	110.841	8566.000	110.838	110.838
8567.000	110.835	110.835	8568.000	110.833	110.833	8569.000	110.830	110.830	8570.000	110.827	110.827

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BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8571.000	110.824	110.824	8572.000	110.822	110.822	8573.000	110.819	110.819	8574.000	110.816	110.816
8575.000	110.813	110.813	8576.000	110.811	110.811	8577.000	110.808	110.808	8578.000	110.805	110.805
8579.000	110.803	110.803	8580.000	110.800	110.800	8581.000	110.797	110.797	8582.000	110.794	110.794
8583.000	110.791	110.791	8584.000	110.789	110.789	8585.000	110.786	110.786	8586.000	110.783	110.783
8587.000	110.780	110.780	8588.000	110.778	110.778	8589.000	110.775	110.775	8590.000	110.772	110.772
8591.000	110.769	110.769	8592.000	110.767	110.767	8593.000	110.764	110.764	8594.000	110.761	110.761
8595.000	110.758	110.758	8596.000	110.755	110.755	8597.000	110.753	110.753	8598.000	110.750	110.750
8599.000	110.747	110.747	8600.000	110.744	110.744	8601.000	110.741	110.741	8602.000	110.738	110.738
8603.000	110.736	110.736	8604.000	110.733	110.733	8605.000	110.730	110.730	8606.000	110.727	110.727
8607.000	110.724	110.724	8608.000	110.721	110.721	8609.000	110.719	110.719	8610.000	110.716	110.716
8611.000	110.713	110.713	8612.000	110.710	110.710	8613.000	110.707	110.707	8614.000	110.704	110.704
8615.000	110.701	110.701	8616.000	110.699	110.699	8617.000	110.696	110.696	8618.000	110.693	110.693
8619.000	110.690	110.690	8620.000	110.687	110.687	8621.000	110.684	110.684	8622.000	110.681	110.681
8623.000	110.678	110.678	8624.000	110.676	110.676	8625.000	110.673	110.673	8626.000	110.670	110.670
8627.000	110.667	110.667	8628.000	110.664	110.664	8629.000	110.661	110.661	8630.000	110.658	110.658
8631.000	110.655	110.655	8632.000	110.652	110.652	8633.000	110.649	110.649	8634.000	110.646	110.646
8635.000	110.643	110.643	8636.000	110.641	110.641	8637.000	110.638	110.638	8638.000	110.635	110.635
8639.000	110.632	110.632	8640.000	110.629	110.629	8641.000	110.626	110.626	8642.000	110.623	110.623
8643.000	110.620	110.620	8644.000	110.617	110.617	8645.000	110.614	110.614	8646.000	110.611	110.611
8647.000	110.608	110.608	8648.000	110.605	110.605	8649.000	110.602	110.602	8650.000	110.599	110.599
8651.000	110.596	110.596	8652.000	110.593	110.593	8653.000	110.590	110.590	8654.000	110.587	110.587
8655.000	110.584	110.584	8656.000	110.581	110.581	8657.000	110.578	110.578	8658.000	110.575	110.575
8659.000	110.572	110.572	8660.000	110.569	110.569	8661.000	110.566	110.566	8662.000	110.563	110.563
8663.000	110.560	110.560	8664.000	110.557	110.557	8665.000	110.554	110.554	8666.000	110.551	110.551
8667.000	110.548	110.548	8668.000	110.545	110.545	8669.000	110.542	110.542	8670.000	110.539	110.539
8671.000	110.535	110.535	8672.000	110.532	110.532	8673.000	110.529	110.529	8674.000	110.526	110.526
8675.000	110.523	110.523	8676.000	110.520	110.520	8677.000	110.517	110.517	8678.000	110.514	110.514
8679.000	110.511	110.511	8680.000	110.508	110.508	8681.000	110.505	110.505	8682.000	110.502	110.502
8683.000	110.498	110.498	8684.000	110.495	110.495	8685.000	110.492	110.492	8686.000	110.489	110.489
8687.000	110.486	110.486	8688.000	110.483	110.483	8689.000	110.480	110.480	8690.000	110.477	110.477
8691.000	110.473	110.473	8692.000	110.470	110.470	8693.000	110.467	110.467	8694.000	110.464	110.464
8695.000	110.461	110.461	8696.000	110.458	110.458	8697.000	110.454	110.454	8698.000	110.451	110.451
8699.000	110.448	110.448	8700.000	110.445	110.445	8701.000	110.442	110.442	8702.000	110.439	110.439
8703.000	110.435	110.435	8704.000	110.432	110.432	8705.000	110.429	110.429	8706.000	110.426	110.426
8707.000	110.423	110.423	8708.000	110.419	110.419	8709.000	110.416	110.416	8710.000	110.413	110.413
8711.000	110.410	110.410	8712.000	110.406	110.406	8713.000	110.403	110.403	8714.000	110.400	110.400
8715.000	110.397	110.397	8716.000	110.394	110.394	8717.000	110.390	110.390	8718.000	110.387	110.387

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8719.000	110.384	110.384	8720.000	110.381	110.381	8721.000	110.377	110.377	8722.000	110.374	110.374
8723.000	110.371	110.371	8724.000	110.367	110.367	8725.000	110.364	110.364	8726.000	110.361	110.361
8727.000	110.358	110.358	8728.000	110.354	110.354	8729.000	110.351	110.351	8730.000	110.348	110.348
8731.000	110.344	110.344	8732.000	110.341	110.341	8733.000	110.338	110.338	8734.000	110.334	110.334
8735.000	110.331	110.331	8736.000	110.328	110.328	8737.000	110.324	110.324	8738.000	110.321	110.321
8739.000	110.318	110.318	8740.000	110.314	110.314	8741.000	110.311	110.311	8742.000	110.308	110.308
8743.000	110.304	110.304	8744.000	110.301	110.301	8745.000	110.298	110.298	8746.000	110.294	110.294
8747.000	110.291	110.291	8748.000	110.288	110.288	8749.000	110.284	110.284	8750.000	110.281	110.281
8751.000	110.277	110.277	8752.000	110.274	110.274	8753.000	110.271	110.271	8754.000	110.267	110.267
8755.000	110.264	110.264	8756.000	110.260	110.260	8757.000	110.257	110.257	8758.000	110.254	110.254
8759.000	110.250	110.250	8760.000	110.247	110.247	8761.000	110.243	110.243	8762.000	110.240	110.240
8763.000	110.236	110.236	8764.000	110.233	110.233	8765.000	110.229	110.229	8766.000	110.226	110.226
8767.000	110.223	110.223	8768.000	110.219	110.219	8769.000	110.216	110.216	8770.000	110.212	110.212
8771.000	110.209	110.209	8772.000	110.200	110.200	8773.000	110.200	110.200	8774.000	110.200	110.200
8775.000	110.200	110.200	8776.000	110.195	110.195	8777.000	110.193	110.193	8778.000	110.191	110.191
8779.000	110.190	110.190	8780.000	110.188	110.188	8781.000	110.186	110.186	8782.000	110.184	110.184
8783.000	110.182	110.182	8784.000	110.180	110.180	8785.000	110.178	110.178	8786.000	110.176	110.176
8787.000	110.175	110.175	8788.000	110.173	110.173	8789.000	110.171	110.171	8790.000	110.169	110.169
8791.000	110.167	110.167	8792.000	110.165	110.165	8793.000	110.163	110.163	8794.000	110.161	110.161
8795.000	110.159	110.159	8796.000	110.158	110.158	8797.000	110.156	110.156	8798.000	110.154	110.154
8799.000	110.152	110.152	8800.000	110.150	110.150	8801.000	110.148	110.148	8802.000	110.146	110.146
8803.000	110.144	110.144	8804.000	110.143	110.143	8805.000	110.141	110.141	8806.000	110.139	110.139
8807.000	110.137	110.137	8808.000	110.135	110.135	8809.000	110.133	110.133	8810.000	110.131	110.131
8811.000	110.129	110.129	8812.000	110.128	110.128	8813.000	110.126	110.126	8814.000	110.124	110.124
8815.000	110.122	110.122	8816.000	110.120	110.120	8817.000	110.118	110.118	8818.000	110.116	110.116
8819.000	110.114	110.114	8820.000	110.113	110.113	8821.000	110.111	110.111	8822.000	110.109	110.109
8823.000	110.107	110.107	8824.000	110.105	110.105	8825.000	110.103	110.103	8826.000	110.101	110.101
8827.000	110.099	110.099	8828.000	110.098	110.098	8829.000	110.096	110.096	8830.000	110.094	110.094
8831.000	110.092	110.092	8832.000	110.090	110.090	8833.000	110.088	110.088	8834.000	110.086	110.086
8835.000	110.085	110.085	8836.000	110.083	110.083	8837.000	110.081	110.081	8838.000	110.079	110.079
8839.000	110.077	110.077	8840.000	110.075	110.075	8841.000	110.073	110.073	8842.000	110.071	110.071
8843.000	110.070	110.070	8844.000	110.068	110.068	8845.000	110.066	110.066	8846.000	110.064	110.064
8847.000	110.062	110.062	8848.000	110.060	110.060	8849.000	110.058	110.058	8850.000	110.057	110.057
8851.000	110.055	110.055	8852.000	110.053	110.053	8853.000	110.051	110.051	8854.000	110.049	110.049
8855.000	110.047	110.047	8856.000	110.045	110.045	8857.000	110.044	110.044	8858.000	110.042	110.042
8859.000	110.040	110.040	8860.000	110.038	110.038	8861.000	110.036	110.036	8862.000	110.034	110.034
8863.000	110.032	110.032	8864.000	110.031	110.031	8865.000	110.029	110.029	8866.000	110.027	110.027

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Copping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8867.000	110.025	110.025	8868.000	110.023	110.023	8869.000	110.021	110.021	8870.000	110.019	110.019
8871.000	110.018	110.018	8872.000	110.016	110.016	8873.000	110.014	110.014	8874.000	110.012	110.012
8875.000	110.010	110.010	8876.000	110.008	110.008	8877.000	110.007	110.007	8878.000	110.005	110.005
8879.000	110.003	110.003	8880.000	110.001	110.001	8881.000	109.999	109.999	8882.000	109.997	109.997
8883.000	109.995	109.995	8884.000	109.994	109.994	8885.000	109.992	109.992	8886.000	109.990	109.990
8887.000	109.988	109.988	8888.000	109.986	109.986	8889.000	109.984	109.984	8890.000	109.983	109.983
8891.000	109.981	109.981	8892.000	109.979	109.979	8893.000	109.977	109.977	8894.000	109.975	109.975
8895.000	109.973	109.973	8896.000	109.971	109.971	8897.000	109.970	109.970	8898.000	109.968	109.968
8899.000	109.966	109.966	8900.000	109.964	109.964	8901.000	109.962	109.962	8902.000	109.960	109.960
8903.000	109.959	109.959	8904.000	109.957	109.957	8905.000	109.955	109.955	8906.000	109.953	109.953
8907.000	109.951	109.951	8908.000	109.949	109.949	8909.000	109.948	109.948	8910.000	109.946	109.946
8911.000	109.944	109.944	8912.000	109.942	109.942	8913.000	109.940	109.940	8914.000	109.938	109.938
8915.000	109.937	109.937	8916.000	109.935	109.935	8917.000	109.933	109.933	8918.000	109.931	109.931
8919.000	109.929	109.929	8920.000	109.927	109.927	8921.000	109.926	109.926	8922.000	109.924	109.924
8923.000	109.922	109.922	8924.000	109.920	109.920	8925.000	109.918	109.918	8926.000	109.916	109.916
8927.000	109.915	109.915	8928.000	109.913	109.913	8929.000	109.911	109.911	8930.000	109.909	109.909
8931.000	109.907	109.907	8932.000	109.905	109.905	8933.000	109.904	109.904	8934.000	109.902	109.902
8935.000	109.900	109.900	8936.000	109.898	109.898	8937.000	109.896	109.896	8938.000	109.895	109.895
8939.000	109.893	109.893	8940.000	109.891	109.891	8941.000	109.889	109.889	8942.000	109.887	109.887
8943.000	109.885	109.885	8944.000	109.884	109.884	8945.000	109.882	109.882	8946.000	109.880	109.880
8947.000	109.878	109.878	8948.000	109.876	109.876	8949.000	109.874	109.874	8950.000	109.873	109.873
8951.000	109.871	109.871	8952.000	109.869	109.869	8953.000	109.867	109.867	8954.000	109.865	109.865
8955.000	109.864	109.864	8956.000	109.862	109.862	8957.000	109.860	109.860	8958.000	109.858	109.858
8959.000	109.855	109.855	8960.000	109.853	109.853	8961.000	109.851	109.851	8962.000	109.849	109.849
8963.000	109.847	109.847	8964.000	109.845	109.845	8965.000	109.843	109.843	8966.000	109.841	109.841
8967.000	109.839	109.839	8968.000	109.837	109.837	8969.000	109.834	109.834	8970.000	109.832	109.832
8971.000	109.830	109.830	8972.000	109.828	109.828	8973.000	109.826	109.826	8974.000	109.824	109.824
8975.000	109.822	109.822	8976.000	109.820	109.820	8977.000	109.817	109.817	8978.000	109.815	109.815
8979.000	109.813	109.813	8980.000	109.811	109.811	8981.000	109.809	109.809	8982.000	109.807	109.807
8983.000	109.804	109.804	8984.000	109.802	109.802	8985.000	109.800	109.800	8986.000	109.798	109.798
8987.000	109.796	109.796	8988.000	109.794	109.794	8989.000	109.791	109.791	8990.000	109.789	109.789
8991.000	109.787	109.787	8992.000	109.785	109.785	8993.000	109.783	109.783	8994.000	109.781	109.781
8995.000	109.778	109.778	8996.000	109.776	109.776	8997.000	109.774	109.774	8998.000	109.772	109.772
8999.000	109.770	109.770	9000.000	109.767	109.767	9001.000	109.765	109.765	9002.000	109.763	109.763
9003.000	109.761	109.761	9004.000	109.758	109.758	9005.000	109.756	109.756	9006.000	109.754	109.754
9007.000	109.752	109.752	9008.000	109.750	109.750	9009.000	109.747	109.747	9010.000	109.745	109.745
9011.000	109.743	109.743	9012.000	109.741	109.741	9013.000	109.738	109.738	9014.000	109.736	109.736

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
9015.000	109.734	109.734	9016.000	109.732	109.732	9017.000	109.729	109.729	9018.000	109.727	109.727
9019.000	109.725	109.725	9020.000	109.722	109.722	9021.000	109.720	109.720	9022.000	109.718	109.718
9023.000	109.716	109.716	9024.000	109.713	109.713	9025.000	109.711	109.711	9026.000	109.709	109.709
9027.000	109.706	109.706	9028.000	109.704	109.704	9029.000	109.702	109.702	9030.000	109.700	109.700
9031.000	109.697	109.697	9032.000	109.695	109.695	9033.000	109.693	109.693	9034.000	109.690	109.690
9035.000	109.688	109.688	9036.000	109.686	109.686	9037.000	109.683	109.683	9038.000	109.681	109.681
9039.000	109.679	109.679	9040.000	109.676	109.676	9041.000	109.674	109.674	9042.000	109.672	109.672
9043.000	109.669	109.669	9044.000	109.667	109.667	9045.000	109.665	109.665	9046.000	109.662	109.662
9047.000	109.660	109.660	9048.000	109.657	109.657	9049.000	109.655	109.655	9050.000	109.653	109.653
9051.000	109.650	109.650	9052.000	109.648	109.648	9053.000	109.646	109.646	9054.000	109.643	109.643
9055.000	109.641	109.641	9056.000	109.638	109.638	9057.000	109.636	109.636	9058.000	109.634	109.634
9059.000	109.631	109.631	9060.000	109.629	109.629	9061.000	109.626	109.626	9062.000	109.624	109.624
9063.000	109.621	109.621	9064.000	109.619	109.619	9065.000	109.617	109.617	9066.000	109.614	109.614
9067.000	109.612	109.612	9068.000	109.609	109.609	9069.000	109.607	109.607	9070.000	109.604	109.604
9071.000	109.602	109.602	9072.000	109.600	109.600	9073.000	109.597	109.597	9074.000	109.595	109.595
9075.000	109.592	109.592	9076.000	109.590	109.590	9077.000	109.587	109.587	9078.000	109.585	109.585
9079.000	109.582	109.582	9080.000	109.580	109.580	9081.000	109.577	109.577	9082.000	109.575	109.575
9083.000	109.572	109.572	9084.000	109.570	109.570	9085.000	109.567	109.567	9086.000	109.565	109.565
9087.000	109.562	109.562	9088.000	109.560	109.560	9089.000	109.557	109.557	9090.000	109.555	109.555
9091.000	109.552	109.552	9092.000	109.550	109.550	9093.000	109.547	109.547	9094.000	109.545	109.545
9095.000	109.542	109.542	9096.000	109.540	109.540	9097.000	109.537	109.537	9098.000	109.535	109.535
9099.000	109.532	109.532	9100.000	109.529	109.529	9101.000	109.527	109.527	9102.000	109.524	109.524
9103.000	109.522	109.522	9104.000	109.519	109.519	9105.000	109.517	109.517	9106.000	109.514	109.514
9107.000	109.511	109.511	9108.000	109.509	109.509	9109.000	109.506	109.506	9110.000	109.504	109.504
9111.000	109.501	109.501	9112.000	109.498	109.498	9113.000	109.496	109.496	9114.000	109.493	109.493
9115.000	109.491	109.491	9116.000	109.488	109.488	9117.000	109.485	109.485	9118.000	109.483	109.483
9119.000	109.480	109.480	9120.000	109.477	109.477	9121.000	109.475	109.475	9122.000	109.472	109.472
9123.000	109.470	109.470	9124.000	109.467	109.467	9125.000	109.464	109.464	9126.000	109.462	109.462
9127.000	109.459	109.459	9128.000	109.456	109.456	9129.000	109.454	109.454	9130.000	109.451	109.451
9131.000	109.448	109.448	9132.000	109.446	109.446	9133.000	109.443	109.443	9134.000	109.440	109.440
9135.000	109.437	109.437	9136.000	109.435	109.435	9137.000	109.432	109.432	9138.000	109.429	109.429
9139.000	109.427	109.427	9140.000	109.424	109.424	9141.000	109.421	109.421	9142.000	109.418	109.418
9143.000	109.416	109.416	9144.000	109.413	109.413	9145.000	109.410	109.410	9146.000	109.408	109.408
9147.000	109.405	109.405	9148.000	109.402	109.402	9149.000	109.399	109.399	9150.000	109.397	109.397
9151.000	109.394	109.394	9152.000	109.391	109.391	9153.000	109.388	109.388	9154.000	109.385	109.385
9155.000	109.383	109.383	9156.000	109.380	109.380	9157.000	109.377	109.377	9158.000	109.374	109.374
9159.000	109.372	109.372	9160.000	109.369	109.369	9161.000	109.366	109.366	9162.000	109.363	109.363

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
9163.000	109.360	109.360	9164.000	109.357	109.357	9165.000	109.355	109.355	9166.000	109.352	109.352
9167.000	109.349	109.349	9168.000	109.346	109.346	9169.000	109.343	109.343	9170.000	109.340	109.340
9171.000	109.338	109.338	9172.000	109.335	109.335	9173.000	109.332	109.332	9174.000	109.329	109.329
9175.000	109.326	109.326	9176.000	109.323	109.323	9177.000	109.320	109.320	9178.000	109.318	109.318
9179.000	109.315	109.315	9180.000	109.312	109.312	9181.000	109.309	109.309	9182.000	109.306	109.306
9183.000	109.303	109.303	9184.000	109.300	109.300	9185.000	109.297	109.297	9186.000	109.294	109.294
9187.000	109.291	109.291	9188.000	109.288	109.288	9189.000	109.285	109.285	9190.000	109.283	109.283
9191.000	109.280	109.280	9192.000	109.277	109.277	9193.000	109.274	109.274	9194.000	109.271	109.271
9195.000	109.268	109.268	9196.000	109.265	109.265	9197.000	109.262	109.262	9198.000	109.259	109.259
9199.000	109.256	109.256	9200.000	109.253	109.253	9201.000	109.250	109.250	9202.000	109.247	109.247
9203.000	109.244	109.244	9204.000	109.241	109.241	9205.000	109.238	109.238	9206.000	109.235	109.235
9207.000	109.232	109.232	9208.000	109.229	109.229	9209.000	109.226	109.226	9210.000	109.223	109.223
9211.000	109.220	109.220	9212.000	109.217	109.217	9213.000	109.214	109.214	9214.000	109.211	109.211
9215.000	109.207	109.207	9216.000	109.204	109.204	9217.000	109.201	109.201	9218.000	109.198	109.198
9219.000	109.195	109.195	9220.000	109.192	109.192	9221.000	109.189	109.189	9222.000	109.186	109.186
9223.000	109.183	109.183	9224.000	109.180	109.180	9225.000	109.177	109.177	9226.000	109.173	109.173
9227.000	109.170	109.170	9228.000	109.167	109.167	9229.000	109.164	109.164	9230.000	109.161	109.161
9231.000	109.158	109.158	9232.000	109.155	109.155	9233.000	109.152	109.152	9234.000	109.148	109.148
9235.000	109.145	109.145	9236.000	109.142	109.142	9237.000	109.139	109.139	9238.000	109.136	109.136
9239.000	109.132	109.132	9240.000	109.129	109.129	9241.000	109.126	109.126	9242.000	109.123	109.123
9243.000	109.120	109.120	9244.000	109.116	109.116	9245.000	109.113	109.113	9246.000	109.110	109.110
9247.000	109.107	109.107	9248.000	109.104	109.104	9249.000	109.100	109.100	9250.000	109.097	109.097
9251.000	109.094	109.094	9252.000	109.091	109.091	9253.000	109.087	109.087	9254.000	109.084	109.084
9255.000	109.081	109.081	9256.000	109.077	109.077	9257.000	109.074	109.074	9258.000	109.071	109.071
9259.000	109.068	109.068	9260.000	109.064	109.064	9261.000	109.061	109.061	9262.000	109.058	109.058
9263.000	109.054	109.054	9264.000	109.051	109.051	9265.000	109.048	109.048	9266.000	109.044	109.044
9267.000	109.041	109.041	9268.000	109.038	109.038	9269.000	109.034	109.034	9270.000	109.031	109.031
9271.000	109.028	109.028	9272.000	109.024	109.024	9273.000	109.021	109.021	9274.000	109.017	109.017
9275.000	109.014	109.014	9276.000	109.011	109.011	9277.000	109.007	109.007	9278.000	109.004	109.004
9279.000	109.001	109.001	9280.000	108.997	108.997	9281.000	108.994	108.994	9282.000	108.990	108.990
9283.000	108.987	108.987	9284.000	108.983	108.983	9285.000	108.980	108.980	9286.000	108.976	108.976
9287.000	108.973	108.973	9288.000	108.970	108.970	9289.000	108.966	108.966	9290.000	108.963	108.963
9291.000	108.959	108.959	9292.000	108.956	108.956	9293.000	108.952	108.952	9294.000	108.949	108.949
9295.000	108.945	108.945	9296.000	108.942	108.942	9297.000	108.938	108.938	9298.000	108.935	108.935
9299.000	108.931	108.931	9300.000	108.927	108.927	9301.000	108.924	108.924	9302.000	108.920	108.920
9303.000	108.917	108.917	9304.000	108.913	108.913	9305.000	108.910	108.910	9306.000	108.906	108.906
9307.000	108.903	108.903	9308.000	108.899	108.899	9309.000	108.895	108.895	9310.000	108.892	108.892

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## BATT 1A BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
9311.000	108.888	108.888	9312.000	108.885	108.885	9313.000	108.881	108.881	9314.000	108.877	108.877
9315.000	108.874	108.874	9316.000	108.870	108.870	9317.000	108.866	108.866	9318.000	108.863	108.863
9319.000	108.859	108.859	9320.000	108.855	108.855	9321.000	108.852	108.852	9322.000	108.848	108.848
9323.000	108.844	108.844	9324.000	108.841	108.841	9325.000	108.837	108.837	9326.000	108.833	108.833
9327.000	108.830	108.830	9328.000	108.826	108.826	9329.000	108.822	108.822	9330.000	108.818	108.818
9331.000	108.815	108.815	9332.000	108.811	108.811	9333.000	108.807	108.807	9334.000	108.803	108.803
9335.000	108.800	108.800	9336.000	108.796	108.796	9337.000	108.792	108.792	9338.000	108.788	108.788
9339.000	108.784	108.784	9340.000	108.781	108.781	9341.000	108.777	108.777	9342.000	108.773	108.773
9343.000	108.769	108.769	9344.000	108.765	108.765	9345.000	108.761	108.761	9346.000	108.758	108.758
9347.000	108.754	108.754	9348.000	108.750	108.750	9349.000	108.746	108.746	9350.000	108.742	108.742
9351.000	108.738	108.738	9352.000	108.734	108.734	9353.000	108.731	108.731	9354.000	108.727	108.727
9355.000	108.723	108.723	9356.000	108.719	108.719	9357.000	108.715	108.715	9358.000	108.711	108.711
9359.000	108.707	108.707	9360.000	108.703	108.703	9361.000	108.699	108.699	9362.000	108.695	108.695
9363.000	108.691	108.691	9363.333	108.690	119.654						

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
0.000	119.654	111.654	0.017	111.654	113.738	1.000	113.741	113.868	2.000	113.871	113.871
3.000	113.874	113.874	4.000	113.877	113.877	5.000	113.880	113.880	6.000	113.883	113.883
7.000	113.888	113.888	8.000	113.892	113.892	9.000	113.897	113.897	10.000	113.902	113.902
11.000	113.906	113.906	12.000	113.911	113.911	13.000	113.916	113.916	14.000	113.920	113.920
15.000	113.925	113.925	16.000	113.930	113.930	17.000	113.935	113.935	18.000	113.939	113.939
19.000	113.944	113.944	20.000	113.949	113.949	21.000	113.954	113.954	22.000	113.959	113.959
23.000	113.964	113.964	24.000	113.969	113.969	25.000	113.974	113.974	26.000	113.979	113.979
27.000	113.984	113.984	28.000	113.990	113.990	29.000	113.995	113.995	30.000	114.000	114.000
31.000	114.005	114.005	32.000	114.011	114.011	33.000	114.016	114.016	34.000	114.021	114.021
35.000	114.027	114.027	36.000	114.032	114.032	37.000	114.038	114.038	38.000	114.043	114.043
39.000	114.049	114.049	40.000	114.054	114.054	41.000	114.060	114.060	42.000	114.066	114.066
43.000	114.072	114.072	44.000	114.077	114.077	45.000	114.083	114.083	46.000	114.089	114.089
47.000	114.095	114.095	48.000	114.101	114.101	49.000	114.107	114.107	50.000	114.113	114.113
51.000	114.119	114.119	52.000	114.125	114.125	53.000	114.131	114.131	54.000	114.137	114.137
55.000	114.144	114.144	56.000	114.150	114.150	57.000	114.156	114.156	58.000	114.163	114.163
59.000	114.169	114.169	60.000	114.176	115.385	61.000	115.387	115.387	62.000	115.388	115.388
63.000	115.389	115.389	64.000	115.390	115.390	65.000	115.392	115.392	66.000	115.393	115.393
67.000	115.394	115.394	68.000	115.396	115.396	69.000	115.397	115.397	70.000	115.398	115.398
71.000	115.399	115.399	72.000	115.401	115.401	73.000	115.402	115.402	74.000	115.403	115.403

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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
75.000	115.404	115.404	76.000	115.406	115.406	77.000	115.407	115.407	78.000	115.408	115.408
79.000	115.410	115.410	80.000	115.411	115.411	81.000	115.412	115.412	82.000	115.413	115.413
83.000	115.415	115.415	84.000	115.416	115.416	85.000	115.417	115.417	86.000	115.418	115.418
87.000	115.419	115.419	88.000	115.420	115.420	89.000	115.420	115.420	90.000	115.421	115.421
91.000	115.421	115.421	92.000	115.422	115.422	93.000	115.423	115.423	94.000	115.423	115.423
95.000	115.424	115.424	96.000	115.424	115.424	97.000	115.425	115.425	98.000	115.426	115.426
99.000	115.426	115.426	100.000	115.427	115.427	101.000	115.427	115.427	102.000	115.428	115.428
103.000	115.429	115.429	104.000	115.429	115.429	105.000	115.430	115.430	106.000	115.431	115.431
107.000	115.431	115.431	108.000	115.432	115.432	109.000	115.432	115.432	110.000	115.433	115.433
111.000	115.434	115.434	112.000	115.434	115.434	113.000	115.435	115.435	114.000	115.435	115.435
115.000	115.436	115.436	116.000	115.437	115.437	117.000	115.437	115.437	118.000	115.438	115.438
119.000	115.438	115.438	120.000	115.439	115.439	121.000	115.440	115.440	122.000	115.440	115.440
123.000	115.441	115.441	124.000	115.442	115.442	125.000	115.442	115.442	126.000	115.443	115.443
127.000	115.443	115.443	128.000	115.444	115.444	129.000	115.445	115.445	130.000	115.445	115.445
131.000	115.446	115.446	132.000	115.446	115.446	133.000	115.447	115.447	134.000	115.448	115.448
135.000	115.448	115.448	136.000	115.449	115.449	137.000	115.450	115.450	138.000	115.450	115.450
139.000	115.451	115.451	140.000	115.451	115.451	141.000	115.452	115.452	142.000	115.453	115.453
143.000	115.453	115.453	144.000	115.454	115.454	145.000	115.455	115.455	146.000	115.455	115.455
147.000	115.456	115.456	148.000	115.456	115.456	149.000	115.457	115.457	150.000	115.458	115.458
151.000	115.458	115.458	152.000	115.459	115.459	153.000	115.460	115.460	154.000	115.460	115.460
155.000	115.461	115.461	156.000	115.461	115.461	157.000	115.462	115.462	158.000	115.462	115.462
159.000	115.462	115.462	160.000	115.462	115.462	161.000	115.462	115.462	162.000	115.462	115.462
163.000	115.461	115.461	164.000	115.461	115.461	165.000	115.461	115.461	166.000	115.461	115.461
167.000	115.461	115.461	168.000	115.461	115.461	169.000	115.461	115.461	170.000	115.461	115.461
171.000	115.461	115.461	172.000	115.461	115.461	173.000	115.461	115.461	174.000	115.461	115.461
175.000	115.461	115.461	176.000	115.461	115.461	177.000	115.461	115.461	178.000	115.461	115.461
179.000	115.461	115.461	180.000	115.461	115.461	181.000	115.461	115.461	182.000	115.461	115.461
183.000	115.461	115.461	184.000	115.461	115.461	185.000	115.461	115.461	186.000	115.460	115.460
187.000	115.460	115.460	188.000	115.460	115.460	189.000	115.460	115.460	190.000	115.460	115.460
191.000	115.460	115.460	192.000	115.460	115.460	193.000	115.460	115.460	194.000	115.460	115.460
195.000	115.460	115.460	196.000	115.460	115.460	197.000	115.460	115.460	198.000	115.460	115.460
199.000	115.460	115.460	200.000	115.460	115.460	201.000	115.460	115.460	202.000	115.460	115.460
203.000	115.460	115.460	204.000	115.460	115.460	205.000	115.460	115.460	206.000	115.460	115.460
207.000	115.460	115.460	208.000	115.460	115.460	209.000	115.459	115.459	210.000	115.459	115.459
211.000	115.459	115.459	212.000	115.459	115.459	213.000	115.459	115.459	214.000	115.459	115.459
215.000	115.459	115.459	216.000	115.459	115.459	217.000	115.459	115.459	218.000	115.459	115.459
219.000	115.459	115.459	220.000	115.459	115.459	221.000	115.459	115.459	222.000	115.459	115.459

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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
223.000	115.459	115.459	224.000	115.459	115.459	225.000	115.459	115.459	226.000	115.459	115.459
227.000	115.459	115.459	228.000	115.459	115.459	229.000	115.459	115.459	230.000	115.459	115.459
231.000	115.459	115.459	232.000	115.458	115.458	233.000	115.458	115.458	234.000	115.458	115.458
235.000	115.458	115.458	236.000	115.458	115.458	237.000	115.458	115.458	238.000	115.458	115.458
239.000	115.458	115.458	240.000	115.458	115.458	241.000	115.458	115.458	242.000	115.458	115.458
243.000	115.458	115.458	244.000	115.458	115.458	245.000	115.458	115.458	246.000	115.458	115.458
247.000	115.458	115.458	248.000	115.458	115.458	249.000	115.458	115.458	250.000	115.458	115.458
251.000	115.458	115.458	252.000	115.458	115.458	253.000	115.458	115.458	254.000	115.457	115.457
255.000	115.457	115.457	256.000	115.457	115.457	257.000	115.457	115.457	258.000	115.457	115.457
259.000	115.457	115.457	260.000	115.457	115.457	261.000	115.457	115.457	262.000	115.457	115.457
263.000	115.457	115.457	264.000	115.457	115.457	265.000	115.457	115.457	266.000	115.457	115.457
267.000	115.457	115.457	268.000	115.457	115.457	269.000	115.457	115.457	270.000	115.457	115.457
271.000	115.457	115.457	272.000	115.457	115.457	273.000	115.457	115.457	274.000	115.457	115.457
275.000	115.457	115.457	276.000	115.457	115.457	277.000	115.456	115.456	278.000	115.456	115.456
279.000	115.456	115.456	280.000	115.456	115.456	281.000	115.456	115.456	282.000	115.456	115.456
283.000	115.456	115.456	284.000	115.456	115.456	285.000	115.456	115.456	286.000	115.456	115.456
287.000	115.456	115.456	288.000	115.456	115.456	289.000	115.456	115.456	290.000	115.456	115.456
291.000	115.456	115.456	292.000	115.456	115.456	293.000	115.456	115.456	294.000	115.456	115.456
295.000	115.456	115.456	296.000	115.456	115.456	297.000	115.456	115.456	298.000	115.456	115.456
299.000	115.456	115.456	300.000	115.455	115.455	301.000	115.455	115.455	302.000	115.455	115.455
303.000	115.455	115.455	304.000	115.455	115.455	305.000	115.455	115.455	306.000	115.455	115.455
307.000	115.455	115.455	308.000	115.455	115.455	309.000	115.455	115.455	310.000	115.455	115.455
311.000	115.455	115.455	312.000	115.455	115.455	313.000	115.455	115.455	314.000	115.455	115.455
315.000	115.455	115.455	316.000	115.455	115.455	317.000	115.455	115.455	318.000	115.455	115.455
319.000	115.455	115.455	320.000	115.455	115.455	321.000	115.455	115.455	322.000	115.454	115.454
323.000	115.454	115.454	324.000	115.454	115.454	325.000	115.454	115.454	326.000	115.454	115.454
327.000	115.454	115.454	328.000	115.454	115.454	329.000	115.454	115.454	330.000	115.454	115.454
331.000	115.454	115.454	332.000	115.454	115.454	333.000	115.454	115.454	334.000	115.454	115.454
335.000	115.454	115.454	336.000	115.454	115.454	337.000	115.454	115.454	338.000	115.454	115.454
339.000	115.454	115.454	340.000	115.454	115.454	341.000	115.454	115.454	342.000	115.454	115.454
343.000	115.454	115.454	344.000	115.454	115.454	345.000	115.453	115.453	346.000	115.453	115.453
347.000	115.453	115.453	348.000	115.453	115.453	349.000	115.453	115.453	350.000	115.453	115.453
351.000	115.453	115.453	352.000	115.453	115.453	353.000	115.453	115.453	354.000	115.453	115.453
355.000	115.453	115.453	356.000	115.453	115.453	357.000	115.453	115.453	358.000	115.453	115.453
359.000	115.453	115.453	360.000	115.453	115.453	361.000	115.453	115.453	362.000	115.453	115.453
363.000	115.453	115.453	364.000	115.453	115.453	365.000	115.453	115.453	366.000	115.453	115.453
367.000	115.452	115.452	368.000	115.452	115.452	369.000	115.452	115.452	370.000	115.452	115.452

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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
371.000	115.452	115.452	372.000	115.452	115.452	373.000	115.452	115.452	374.000	115.452	115.452
375.000	115.452	115.452	376.000	115.452	115.452	377.000	115.452	115.452	378.000	115.452	115.452
379.000	115.452	115.452	380.000	115.452	115.452	381.000	115.452	115.452	382.000	115.452	115.452
383.000	115.452	115.452	384.000	115.452	115.452	385.000	115.452	115.452	386.000	115.452	115.452
387.000	115.452	115.452	388.000	115.452	115.452	389.000	115.451	115.451	390.000	115.451	115.451
391.000	115.451	115.451	392.000	115.451	115.451	393.000	115.451	115.451	394.000	115.451	115.451
395.000	115.451	115.451	396.000	115.451	115.451	397.000	115.451	115.451	398.000	115.451	115.451
399.000	115.451	115.451	400.000	115.451	115.451	401.000	115.451	115.451	402.000	115.451	115.451
403.000	115.451	115.451	404.000	115.451	115.451	405.000	115.451	115.451	406.000	115.451	115.451
407.000	115.451	115.451	408.000	115.451	115.451	409.000	115.451	115.451	410.000	115.451	115.451
411.000	115.450	115.450	412.000	115.450	115.450	413.000	115.450	115.450	414.000	115.450	115.450
415.000	115.450	115.450	416.000	115.450	115.450	417.000	115.450	115.450	418.000	115.450	115.450
419.000	115.450	115.450	420.000	115.450	115.450	421.000	115.450	115.450	422.000	115.450	115.450
423.000	115.450	115.450	424.000	115.450	115.450	425.000	115.450	115.450	426.000	115.450	115.450
427.000	115.450	115.450	428.000	115.450	115.450	429.000	115.450	115.450	430.000	115.450	115.450
431.000	115.450	115.450	432.000	115.450	115.450	433.000	115.450	115.450	434.000	115.449	115.449
435.000	115.449	115.449	436.000	115.449	115.449	437.000	115.449	115.449	438.000	115.449	115.449
439.000	115.449	115.449	440.000	115.449	115.449	441.000	115.449	115.449	442.000	115.449	115.449
443.000	115.449	115.449	444.000	115.449	115.449	445.000	115.449	115.449	446.000	115.449	115.449
447.000	115.449	115.449	448.000	115.449	115.449	449.000	115.449	115.449	450.000	115.449	115.449
451.000	115.449	115.449	452.000	115.449	115.449	453.000	115.449	115.449	454.000	115.449	115.449
455.000	115.449	115.449	456.000	115.448	115.448	457.000	115.448	115.448	458.000	115.448	115.448
459.000	115.448	115.448	460.000	115.448	115.448	461.000	115.448	115.448	462.000	115.448	115.448
463.000	115.448	115.448	464.000	115.448	115.448	465.000	115.448	115.448	466.000	115.448	115.448
467.000	115.448	115.448	468.000	115.448	115.448	469.000	115.448	115.448	470.000	115.448	115.448
471.000	115.448	115.448	472.000	115.448	115.448	473.000	115.448	115.448	474.000	115.448	115.448
475.000	115.448	115.448	476.000	115.448	115.448	477.000	115.447	115.447	478.000	115.447	115.447
479.000	115.447	115.447	480.000	115.447	115.447	481.000	115.447	115.447	482.000	115.447	115.447
483.000	115.447	115.447	484.000	115.447	115.447	485.000	115.447	115.447	486.000	115.447	115.447
487.000	115.447	115.447	488.000	115.447	115.447	489.000	115.447	115.447	490.000	115.447	115.447
491.000	115.447	115.447	492.000	115.447	115.447	493.000	115.447	115.447	494.000	115.447	115.447
495.000	115.447	115.447	496.000	115.447	115.447	497.000	115.447	115.447	498.000	115.447	115.447
499.000	115.446	115.446	500.000	115.446	115.446	501.000	115.446	115.446	502.000	115.446	115.446
503.000	115.446	115.446	504.000	115.446	115.446	505.000	115.446	115.446	506.000	115.446	115.446
507.000	115.446	115.446	508.000	115.446	115.446	509.000	115.446	115.446	510.000	115.446	115.446
511.000	115.446	115.446	512.000	115.446	115.446	513.000	115.446	115.446	514.000	115.446	115.446
515.000	115.446	115.446	516.000	115.446	115.446	517.000	115.446	115.446	518.000	115.446	115.446

Project: Clinton Flex Study  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
519.000	115.446	115.446	520.000	115.446	115.446	521.000	115.445	115.445	522.000	115.445	115.445
523.000	115.445	115.445	524.000	115.445	115.445	525.000	115.445	115.445	526.000	115.445	115.445
527.000	115.445	115.445	528.000	115.445	115.445	529.000	115.445	115.445	530.000	115.445	115.445
531.000	115.445	115.445	532.000	115.445	115.445	533.000	115.445	115.445	534.000	115.445	115.445
535.000	115.445	115.445	536.000	115.445	115.445	537.000	115.445	115.445	538.000	115.445	115.445
539.000	115.445	115.445	540.000	115.445	115.445	541.000	115.445	115.445	542.000	115.445	115.445
543.000	115.444	115.444	544.000	115.444	115.444	545.000	115.444	115.444	546.000	115.444	115.444
547.000	115.444	115.444	548.000	115.444	115.444	549.000	115.444	115.444	550.000	115.444	115.444
551.000	115.444	115.444	552.000	115.444	115.444	553.000	115.444	115.444	554.000	115.444	115.444
555.000	115.444	115.444	556.000	115.444	115.444	557.000	115.444	115.444	558.000	115.444	115.444
559.000	115.444	115.444	560.000	115.444	115.444	561.000	115.444	115.444	562.000	115.444	115.444
563.000	115.444	115.444	564.000	115.444	115.444	565.000	115.443	115.443	566.000	115.443	115.443
567.000	115.443	115.443	568.000	115.443	115.443	569.000	115.443	115.443	570.000	115.443	115.443
571.000	115.443	115.443	572.000	115.443	115.443	573.000	115.443	115.443	574.000	115.443	115.443
575.000	115.443	115.443	576.000	115.443	115.443	577.000	115.443	115.443	578.000	115.443	115.443
579.000	115.443	115.443	580.000	115.443	115.443	581.000	115.443	115.443	582.000	115.443	115.443
583.000	115.443	115.443	584.000	115.443	115.443	585.000	115.443	115.443	586.000	115.442	115.442
587.000	115.442	115.442	588.000	115.442	115.442	589.000	115.442	115.442	590.000	115.442	115.442
591.000	115.442	115.442	592.000	115.442	115.442	593.000	115.442	115.442	594.000	115.442	115.442
595.000	115.442	115.442	596.000	115.442	115.442	597.000	115.442	115.442	598.000	115.442	115.442
599.000	115.442	115.442	600.000	115.442	115.442	601.000	115.442	115.442	602.000	115.442	115.442
603.000	115.442	115.442	604.000	115.442	115.442	605.000	115.442	115.442	606.000	115.442	115.442
607.000	115.441	115.441	608.000	115.441	115.441	609.000	115.441	115.441	610.000	115.441	115.441
611.000	115.441	115.441	612.000	115.441	115.441	613.000	115.441	115.441	614.000	115.441	115.441
615.000	115.441	115.441	616.000	115.441	115.441	617.000	115.441	115.441	618.000	115.441	115.441
619.000	115.441	115.441	620.000	115.441	115.441	621.000	115.441	115.441	622.000	115.441	115.441
623.000	115.441	115.441	624.000	115.441	115.441	625.000	115.441	115.441	626.000	115.441	115.441
627.000	115.441	115.441	628.000	115.441	115.441	629.000	115.440	115.440	630.000	115.440	115.440
631.000	115.440	115.440	632.000	115.440	115.440	633.000	115.440	115.440	634.000	115.440	115.440
635.000	115.440	115.440	636.000	115.440	115.440	637.000	115.440	115.440	638.000	115.440	115.440
639.000	115.440	115.440	640.000	115.440	115.440	641.000	115.440	115.440	642.000	115.440	115.440
643.000	115.440	115.440	644.000	115.440	115.440	645.000	115.440	115.440	646.000	115.440	115.440
647.000	115.440	115.440	648.000	115.440	115.440	649.000	115.440	115.440	650.000	115.439	115.439
651.000	115.439	115.439	652.000	115.439	115.439	653.000	115.439	115.439	654.000	115.439	115.439
655.000	115.439	115.439	656.000	115.439	115.439	657.000	115.439	115.439	658.000	115.439	115.439
659.000	115.439	115.439	660.000	115.439	115.439	661.000	115.439	115.439	662.000	115.439	115.439
663.000	115.439	115.439	664.000	115.439	115.439	665.000	115.439	115.439	666.000	115.439	115.439

Project: Clinton Flex Study  
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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
667.000	115.439	115.439	668.000	115.439	115.439	669.000	115.439	115.439	670.000	115.439	115.439
671.000	115.438	115.438	672.000	115.438	115.438	673.000	115.438	115.438	674.000	115.438	115.438
675.000	115.438	115.438	676.000	115.438	115.438	677.000	115.438	115.438	678.000	115.438	115.438
679.000	115.438	115.438	680.000	115.438	115.438	681.000	115.438	115.438	682.000	115.438	115.438
683.000	115.438	115.438	684.000	115.438	115.438	685.000	115.438	115.438	686.000	115.438	115.438
687.000	115.438	115.438	688.000	115.438	115.438	689.000	115.438	115.438	690.000	115.438	115.438
691.000	115.438	115.438	692.000	115.437	115.437	693.000	115.437	115.437	694.000	115.437	115.437
695.000	115.437	115.437	696.000	115.437	115.437	697.000	115.437	115.437	698.000	115.437	115.437
699.000	115.437	115.437	700.000	115.437	115.437	701.000	115.437	115.437	702.000	115.437	115.437
703.000	115.437	115.437	704.000	115.437	115.437	705.000	115.437	115.437	706.000	115.437	115.437
707.000	115.437	115.437	708.000	115.437	115.437	709.000	115.437	115.437	710.000	115.437	115.437
711.000	115.437	115.437	712.000	115.437	115.437	713.000	115.436	115.436	714.000	115.436	115.436
715.000	115.436	115.436	716.000	115.436	115.436	717.000	115.436	115.436	718.000	115.436	115.436
719.000	115.436	115.436	720.000	115.436	115.436	721.000	115.436	115.436	722.000	115.436	115.436
723.000	115.436	115.436	724.000	115.436	115.436	725.000	115.436	115.436	726.000	115.436	115.436
727.000	115.436	115.436	728.000	115.436	115.436	729.000	115.436	115.436	730.000	115.436	115.436
731.000	115.436	115.436	732.000	115.436	115.436	733.000	115.436	115.436	734.000	115.435	115.435
735.000	115.435	115.435	736.000	115.435	115.435	737.000	115.435	115.435	738.000	115.435	115.435
739.000	115.435	115.435	740.000	115.435	115.435	741.000	115.435	115.435	742.000	115.435	115.435
743.000	115.435	115.435	744.000	115.435	115.435	745.000	115.435	115.435	746.000	115.435	115.435
747.000	115.435	115.435	748.000	115.435	115.435	749.000	115.435	115.435	750.000	115.435	115.435
751.000	115.435	115.435	752.000	115.435	115.435	753.000	115.435	115.435	754.000	115.435	115.435
755.000	115.434	115.434	756.000	115.434	115.434	757.000	115.434	115.434	758.000	115.434	115.434
759.000	115.434	115.434	760.000	115.434	115.434	761.000	115.434	115.434	762.000	115.434	115.434
763.000	115.434	115.434	764.000	115.434	115.434	765.000	115.434	115.434	766.000	115.434	115.434
767.000	115.434	115.434	768.000	115.434	115.434	769.000	115.434	115.434	770.000	115.434	115.434
771.000	115.434	115.434	772.000	115.434	115.434	773.000	115.434	115.434	774.000	115.434	115.434
775.000	115.434	115.434	776.000	115.433	115.433	777.000	115.433	115.433	778.000	115.433	115.433
779.000	115.433	115.433	780.000	115.433	115.433	781.000	115.433	115.433	782.000	115.433	115.433
783.000	115.433	115.433	784.000	115.433	115.433	785.000	115.433	115.433	786.000	115.433	115.433
787.000	115.433	115.433	788.000	115.433	115.433	789.000	115.433	115.433	790.000	115.433	115.433
791.000	115.433	115.433	792.000	115.433	115.433	793.000	115.433	115.433	794.000	115.433	115.433
795.000	115.433	115.433	796.000	115.433	115.433	797.000	115.432	115.432	798.000	115.432	115.432
799.000	115.432	115.432	800.000	115.432	115.432	801.000	115.432	115.432	802.000	115.432	115.432
803.000	115.432	115.432	804.000	115.432	115.432	805.000	115.432	115.432	806.000	115.432	115.432
807.000	115.432	115.432	808.000	115.432	115.432	809.000	115.432	115.432	810.000	115.432	115.432
811.000	115.432	115.432	812.000	115.432	115.432	813.000	115.432	115.432	814.000	115.432	115.432

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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
815.000	115.432	115.432	816.000	115.432	115.432	817.000	115.431	115.431	818.000	115.431	115.431
819.000	115.431	115.431	820.000	115.431	115.431	821.000	115.431	115.431	822.000	115.431	115.431
823.000	115.431	115.431	824.000	115.431	115.431	825.000	115.431	115.431	826.000	115.431	115.431
827.000	115.431	115.431	828.000	115.431	115.431	829.000	115.431	115.431	830.000	115.431	115.431
831.000	115.431	115.431	832.000	115.431	115.431	833.000	115.431	115.431	834.000	115.431	115.431
835.000	115.431	115.431	836.000	115.431	115.431	837.000	115.431	115.431	838.000	115.430	115.430
839.000	115.430	115.430	840.000	115.430	115.430	841.000	115.430	115.430	842.000	115.430	115.430
843.000	115.430	115.430	844.000	115.430	115.430	845.000	115.430	115.430	846.000	115.430	115.430
847.000	115.430	115.430	848.000	115.430	115.430	849.000	115.430	115.430	850.000	115.430	115.430
851.000	115.430	115.430	852.000	115.430	115.430	853.000	115.430	115.430	854.000	115.430	115.430
855.000	115.430	115.430	856.000	115.430	115.430	857.000	115.430	115.430	858.000	115.430	115.430
859.000	115.429	115.429	860.000	115.429	115.429	861.000	115.429	115.429	862.000	115.429	115.429
863.000	115.429	115.429	864.000	115.429	115.429	865.000	115.429	115.429	866.000	115.429	115.429
867.000	115.429	115.429	868.000	115.429	115.429	869.000	115.429	115.429	870.000	115.429	115.429
871.000	115.429	115.429	872.000	115.429	115.429	873.000	115.429	115.429	874.000	115.429	115.429
875.000	115.429	115.429	876.000	115.429	115.429	877.000	115.429	115.429	878.000	115.429	115.429
879.000	115.428	115.428	880.000	115.428	115.428	881.000	115.428	115.428	882.000	115.428	115.428
883.000	115.428	115.428	884.000	115.428	115.428	885.000	115.428	115.428	886.000	115.428	115.428
887.000	115.428	115.428	888.000	115.428	115.428	889.000	115.428	115.428	890.000	115.428	115.428
891.000	115.428	115.428	892.000	115.428	115.428	893.000	115.428	115.428	894.000	115.428	115.428
895.000	115.428	115.428	896.000	115.428	115.428	897.000	115.428	115.428	898.000	115.428	115.428
899.000	115.427	115.427	900.000	115.427	115.427	901.000	115.427	115.427	902.000	115.427	115.427
903.000	115.427	115.427	904.000	115.427	115.427	905.000	115.427	115.427	906.000	115.427	115.427
907.000	115.427	115.427	908.000	115.427	115.427	909.000	115.427	115.427	910.000	115.427	115.427
911.000	115.427	115.427	912.000	115.427	115.427	913.000	115.427	115.427	914.000	115.427	115.427
915.000	115.427	115.427	916.000	115.427	115.427	917.000	115.427	115.427	918.000	115.427	115.427
919.000	115.427	115.427	920.000	115.426	115.426	921.000	115.426	115.426	922.000	115.426	115.426
923.000	115.426	115.426	924.000	115.426	115.426	925.000	115.426	115.426	926.000	115.426	115.426
927.000	115.426	115.426	928.000	115.426	115.426	929.000	115.426	115.426	930.000	115.426	115.426
931.000	115.426	115.426	932.000	115.426	115.426	933.000	115.426	115.426	934.000	115.426	115.426
935.000	115.426	115.426	936.000	115.426	115.426	937.000	115.426	115.426	938.000	115.426	115.426
939.000	115.426	115.426	940.000	115.425	115.425	941.000	115.425	115.425	942.000	115.425	115.425
943.000	115.425	115.425	944.000	115.425	115.425	945.000	115.425	115.425	946.000	115.425	115.425
947.000	115.425	115.425	948.000	115.425	115.425	949.000	115.425	115.425	950.000	115.425	115.425
951.000	115.425	115.425	952.000	115.425	115.425	953.000	115.425	115.425	954.000	115.425	115.425
955.000	115.425	115.425	956.000	115.425	115.425	957.000	115.425	115.425	958.000	115.425	115.425
959.000	115.425	115.425	960.000	115.424	115.424	961.000	115.424	115.424	962.000	115.424	115.424

Project: Clinton Flex Study  
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Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
963.000	115.424	115.424	964.000	115.424	115.424	965.000	115.424	115.424	966.000	115.424	115.424
967.000	115.424	115.424	968.000	115.424	115.424	969.000	115.424	115.424	970.000	115.424	115.424
971.000	115.424	115.424	972.000	115.424	115.424	973.000	115.424	115.424	974.000	115.424	115.424
975.000	115.424	115.424	976.000	115.424	115.424	977.000	115.424	115.424	978.000	115.424	115.424
979.000	115.424	115.424	980.000	115.423	115.423	981.000	115.423	115.423	982.000	115.423	115.423
983.000	115.423	115.423	984.000	115.423	115.423	985.000	115.423	115.423	986.000	115.423	115.423
987.000	115.423	115.423	988.000	115.423	115.423	989.000	115.423	115.423	990.000	115.423	115.423
991.000	115.423	115.423	992.000	115.423	115.423	993.000	115.423	115.423	994.000	115.423	115.423
995.000	115.423	115.423	996.000	115.423	115.423	997.000	115.423	115.423	998.000	115.423	115.423
999.000	115.423	115.423	1000.000	115.422	115.422	1001.000	115.422	115.422	1002.000	115.422	115.422
1003.000	115.422	115.422	1004.000	115.422	115.422	1005.000	115.422	115.422	1006.000	115.422	115.422
1007.000	115.422	115.422	1008.000	115.422	115.422	1009.000	115.422	115.422	1010.000	115.422	115.422
1011.000	115.422	115.422	1012.000	115.422	115.422	1013.000	115.421	115.421	1014.000	115.420	115.420
1015.000	115.418	115.418	1016.000	115.417	115.417	1017.000	115.416	115.416	1018.000	115.414	115.414
1019.000	115.413	115.413	1020.000	115.412	115.412	1021.000	115.410	115.410	1022.000	115.409	115.409
1023.000	115.407	115.407	1024.000	115.406	115.406	1025.000	115.405	115.405	1026.000	115.403	115.403
1027.000	115.402	115.402	1028.000	115.401	115.401	1029.000	115.399	115.399	1030.000	115.398	115.398
1031.000	115.396	115.396	1032.000	115.395	115.395	1033.000	115.394	115.394	1034.000	115.392	115.392
1035.000	115.391	115.391	1036.000	115.390	115.390	1037.000	115.388	115.388	1038.000	115.387	115.387
1039.000	115.385	115.385	1040.000	115.384	115.384	1041.000	115.383	115.383	1042.000	115.381	115.381
1043.000	115.380	115.380	1044.000	115.379	115.379	1045.000	115.377	115.377	1046.000	115.376	115.376
1047.000	115.375	115.375	1048.000	115.373	115.373	1049.000	115.372	115.372	1050.000	115.370	115.370
1051.000	115.369	115.369	1052.000	115.368	115.368	1053.000	115.366	115.366	1054.000	115.365	115.365
1055.000	115.364	115.364	1056.000	115.362	115.362	1057.000	115.361	115.361	1058.000	115.360	115.360
1059.000	115.358	115.358	1060.000	115.357	115.357	1061.000	115.355	115.355	1062.000	115.354	115.354
1063.000	115.353	115.353	1064.000	115.351	115.351	1065.000	115.350	115.350	1066.000	115.349	115.349
1067.000	115.347	115.347	1068.000	115.346	115.346	1069.000	115.345	115.345	1070.000	115.343	115.343
1071.000	115.342	115.342	1072.000	115.341	115.341	1073.000	115.339	115.339	1074.000	115.338	115.338
1075.000	115.336	115.336	1076.000	115.335	115.335	1077.000	115.334	115.334	1078.000	115.332	115.332
1079.000	115.331	115.331	1080.000	115.330	115.330	1081.000	115.328	115.328	1082.000	115.327	115.327
1083.000	115.326	115.326	1084.000	115.324	115.324	1085.000	115.323	115.323	1086.000	115.322	115.322
1087.000	115.320	115.320	1088.000	115.319	115.319	1089.000	115.318	115.318	1090.000	115.316	115.316
1091.000	115.315	115.315	1092.000	115.314	115.314	1093.000	115.312	115.312	1094.000	115.311	115.311
1095.000	115.310	115.310	1096.000	115.308	115.308	1097.000	115.307	115.307	1098.000	115.306	115.306
1099.000	115.304	115.304	1100.000	115.303	115.303	1101.000	115.301	115.301	1102.000	115.300	115.300
1103.000	115.299	115.299	1104.000	115.297	115.297	1105.000	115.296	115.296	1106.000	115.295	115.295
1107.000	115.293	115.293	1108.000	115.292	115.292	1109.000	115.291	115.291	1110.000	115.289	115.289

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1111.000	115.288	115.288	1112.000	115.287	115.287	1113.000	115.285	115.285	1114.000	115.284	115.284
1115.000	115.283	115.283	1116.000	115.281	115.281	1117.000	115.280	115.280	1118.000	115.279	115.279
1119.000	115.277	115.277	1120.000	115.276	115.276	1121.000	115.275	115.275	1122.000	115.273	115.273
1123.000	115.272	115.272	1124.000	115.271	115.271	1125.000	115.269	115.269	1126.000	115.268	115.268
1127.000	115.267	115.267	1128.000	115.265	115.265	1129.000	115.264	115.264	1130.000	115.263	115.263
1131.000	115.261	115.261	1132.000	115.260	115.260	1133.000	115.259	115.259	1134.000	115.257	115.257
1135.000	115.256	115.256	1136.000	115.255	115.255	1137.000	115.253	115.253	1138.000	115.252	115.252
1139.000	115.251	115.251	1140.000	115.249	115.249	1141.000	115.248	115.248	1142.000	115.247	115.247
1143.000	115.246	115.246	1144.000	115.245	115.245	1145.000	115.244	115.244	1146.000	115.243	115.243
1147.000	115.242	115.242	1148.000	115.241	115.241	1149.000	115.240	115.240	1150.000	115.239	115.239
1151.000	115.238	115.238	1152.000	115.237	115.237	1153.000	115.236	115.236	1154.000	115.235	115.235
1155.000	115.234	115.234	1156.000	115.233	115.233	1157.000	115.232	115.232	1158.000	115.231	115.231
1159.000	115.230	115.230	1160.000	115.229	115.229	1161.000	115.228	115.228	1162.000	115.227	115.227
1163.000	115.226	115.226	1164.000	115.225	115.225	1165.000	115.224	115.224	1166.000	115.223	115.223
1167.000	115.222	115.222	1168.000	115.221	115.221	1169.000	115.220	115.220	1170.000	115.219	115.219
1171.000	115.218	115.218	1172.000	115.217	115.217	1173.000	115.216	115.216	1174.000	115.215	115.215
1175.000	115.214	115.214	1176.000	115.213	115.213	1177.000	115.213	115.213	1178.000	115.212	115.212
1179.000	115.211	115.211	1180.000	115.210	115.210	1181.000	115.209	115.209	1182.000	115.208	115.208
1183.000	115.207	115.207	1184.000	115.206	115.206	1185.000	115.205	115.205	1186.000	115.204	115.204
1187.000	115.203	115.203	1188.000	115.202	115.202	1189.000	115.201	115.201	1190.000	115.200	115.200
1191.000	115.199	115.199	1192.000	115.198	115.198	1193.000	115.197	115.197	1194.000	115.196	115.196
1195.000	115.195	115.195	1196.000	115.194	115.194	1197.000	115.193	115.193	1198.000	115.192	115.192
1199.000	115.191	115.191	1200.000	115.190	115.190	1201.000	115.189	115.189	1202.000	115.188	115.188
1203.000	115.187	115.187	1204.000	115.186	115.186	1205.000	115.185	115.185	1206.000	115.184	115.184
1207.000	115.183	115.183	1208.000	115.182	115.182	1209.000	115.181	115.181	1210.000	115.180	115.180
1211.000	115.179	115.179	1212.000	115.178	115.178	1213.000	115.177	115.177	1214.000	115.176	115.176
1215.000	115.175	115.175	1216.000	115.174	115.174	1217.000	115.173	115.173	1218.000	115.172	115.172
1219.000	115.171	115.171	1220.000	115.170	115.170	1221.000	115.169	115.169	1222.000	115.168	115.168
1223.000	115.167	115.167	1224.000	115.166	115.166	1225.000	115.165	115.165	1226.000	115.165	115.165
1227.000	115.164	115.164	1228.000	115.163	115.163	1229.000	115.162	115.162	1230.000	115.161	115.161
1231.000	115.160	115.160	1232.000	115.159	115.159	1233.000	115.158	115.158	1234.000	115.157	115.157
1235.000	115.156	115.156	1236.000	115.155	115.155	1237.000	115.154	115.154	1238.000	115.153	115.153
1239.000	115.152	115.152	1240.000	115.151	115.151	1241.000	115.150	115.150	1242.000	115.149	115.149
1243.000	115.148	115.148	1244.000	115.147	115.147	1245.000	115.146	115.146	1246.000	115.145	115.145
1247.000	115.144	115.144	1248.000	115.143	115.143	1249.000	115.142	115.142	1250.000	115.141	115.141
1251.000	115.140	115.140	1252.000	115.139	115.139	1253.000	115.138	115.138	1254.000	115.137	115.137
1255.000	115.136	115.136	1256.000	115.135	115.135	1257.000	115.134	115.134	1258.000	115.133	115.133

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1259.000	115.132	115.132	1260.000	115.131	115.131	1261.000	115.130	115.130	1262.000	115.129	115.129
1263.000	115.128	115.128	1264.000	115.127	115.127	1265.000	115.126	115.126	1266.000	115.125	115.125
1267.000	115.124	115.124	1268.000	115.123	115.123	1269.000	115.122	115.122	1270.000	115.121	115.121
1271.000	115.120	115.120	1272.000	115.119	115.119	1273.000	115.118	115.118	1274.000	115.117	115.117
1275.000	115.116	115.116	1276.000	115.116	115.116	1277.000	115.115	115.115	1278.000	115.114	115.114
1279.000	115.113	115.113	1280.000	115.112	115.112	1281.000	115.111	115.111	1282.000	115.110	115.110
1283.000	115.109	115.109	1284.000	115.108	115.108	1285.000	115.107	115.107	1286.000	115.106	115.106
1287.000	115.105	115.105	1288.000	115.104	115.104	1289.000	115.103	115.103	1290.000	115.102	115.102
1291.000	115.101	115.101	1292.000	115.100	115.100	1293.000	115.099	115.099	1294.000	115.098	115.098
1295.000	115.097	115.097	1296.000	115.096	115.096	1297.000	115.095	115.095	1298.000	115.094	115.094
1299.000	115.093	115.093	1300.000	115.092	115.092	1301.000	115.091	115.091	1302.000	115.090	115.090
1303.000	115.089	115.089	1304.000	115.088	115.088	1305.000	115.087	115.087	1306.000	115.086	115.086
1307.000	115.085	115.085	1308.000	115.084	115.084	1309.000	115.083	115.083	1310.000	115.082	115.082
1311.000	115.081	115.081	1312.000	115.080	115.080	1313.000	115.079	115.079	1314.000	115.078	115.078
1315.000	115.077	115.077	1316.000	115.076	115.076	1317.000	115.075	115.075	1318.000	115.074	115.074
1319.000	115.073	115.073	1320.000	115.072	115.072	1321.000	115.071	115.071	1322.000	115.070	115.070
1323.000	115.069	115.069	1324.000	115.068	115.068	1325.000	115.068	115.068	1326.000	115.067	115.067
1327.000	115.066	115.066	1328.000	115.065	115.065	1329.000	115.064	115.064	1330.000	115.063	115.063
1331.000	115.062	115.062	1332.000	115.061	115.061	1333.000	115.060	115.060	1334.000	115.059	115.059
1335.000	115.058	115.058	1336.000	115.057	115.057	1337.000	115.056	115.056	1338.000	115.055	115.055
1339.000	115.054	115.054	1340.000	115.053	115.053	1341.000	115.052	115.052	1342.000	115.051	115.051
1343.000	115.050	115.050	1344.000	115.049	115.049	1345.000	115.048	115.048	1346.000	115.047	115.047
1347.000	115.046	115.046	1348.000	115.045	115.045	1349.000	115.044	115.044	1350.000	115.043	115.043
1351.000	115.042	115.042	1352.000	115.041	115.041	1353.000	115.040	115.040	1354.000	115.039	115.039
1355.000	115.038	115.038	1356.000	115.037	115.037	1357.000	115.036	115.036	1358.000	115.035	115.035
1359.000	115.034	115.034	1360.000	115.033	115.033	1361.000	115.032	115.032	1362.000	115.031	115.031
1363.000	115.030	115.030	1364.000	115.029	115.029	1365.000	115.028	115.028	1366.000	115.027	115.027
1367.000	115.026	115.026	1368.000	115.025	115.025	1369.000	115.024	115.024	1370.000	115.023	115.023
1371.000	115.022	115.022	1372.000	115.021	115.021	1373.000	115.020	115.020	1374.000	115.020	115.020
1375.000	115.019	115.019	1376.000	115.018	115.018	1377.000	115.017	115.017	1378.000	115.016	115.016
1379.000	115.015	115.015	1380.000	115.014	115.014	1381.000	115.013	115.013	1382.000	115.012	115.012
1383.000	115.011	115.011	1384.000	115.010	115.010	1385.000	115.009	115.009	1386.000	115.008	115.008
1387.000	115.007	115.007	1388.000	115.006	115.006	1389.000	115.005	115.005	1390.000	115.004	115.004
1391.000	115.003	115.003	1392.000	115.002	115.002	1393.000	115.001	115.001	1394.000	115.000	115.000
1395.000	114.999	114.999	1396.000	114.998	114.998	1397.000	114.997	114.997	1398.000	114.996	114.996
1399.000	114.995	114.995	1400.000	114.994	114.994	1401.000	114.993	114.993	1402.000	114.992	114.992
1403.000	114.991	114.991	1404.000	114.990	114.990	1405.000	114.989	114.989	1406.000	114.988	114.988

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1407.000	114.987	114.987	1408.000	114.986	114.986	1409.000	114.985	114.985	1410.000	114.984	114.984
1411.000	114.983	114.983	1412.000	114.982	114.982	1413.000	114.981	114.981	1414.000	114.980	114.980
1415.000	114.979	114.979	1416.000	114.978	114.978	1417.000	114.977	114.977	1418.000	114.976	114.976
1419.000	114.975	114.975	1420.000	114.974	114.974	1421.000	114.973	114.973	1422.000	114.973	114.973
1423.000	114.972	114.972	1424.000	114.971	114.971	1425.000	114.970	114.970	1426.000	114.969	114.969
1427.000	114.968	114.968	1428.000	114.967	114.967	1429.000	114.966	114.966	1430.000	114.965	114.965
1431.000	114.964	114.964	1432.000	114.963	114.963	1433.000	114.962	114.962	1434.000	114.961	114.961
1435.000	114.960	114.960	1436.000	114.959	114.959	1437.000	114.958	114.958	1438.000	114.957	114.957
1439.000	114.956	114.956	1440.000	114.955	114.955	1441.000	114.954	114.954	1442.000	114.953	114.953
1443.000	114.952	114.952	1444.000	114.951	114.951	1445.000	114.950	114.950	1446.000	114.949	114.949
1447.000	114.948	114.948	1448.000	114.947	114.947	1449.000	114.946	114.946	1450.000	114.945	114.945
1451.000	114.944	114.944	1452.000	114.943	114.943	1453.000	114.942	114.942	1454.000	114.941	114.941
1455.000	114.940	114.940	1456.000	114.939	114.939	1457.000	114.938	114.938	1458.000	114.937	114.937
1459.000	114.936	114.936	1460.000	114.935	114.935	1461.000	114.934	114.934	1462.000	114.933	114.933
1463.000	114.932	114.932	1464.000	114.931	114.931	1465.000	114.930	114.930	1466.000	114.929	114.929
1467.000	114.928	114.928	1468.000	114.927	114.927	1469.000	114.926	114.926	1470.000	114.925	114.925
1471.000	114.925	114.925	1472.000	114.924	114.924	1473.000	114.923	114.923	1474.000	114.922	114.922
1475.000	114.920	114.920	1476.000	114.918	114.918	1477.000	114.916	114.916	1478.000	114.914	114.914
1479.000	114.912	114.912	1480.000	114.910	114.910	1481.000	114.908	114.908	1482.000	114.906	114.906
1483.000	114.904	114.904	1484.000	114.901	114.901	1485.000	114.899	114.899	1486.000	114.897	114.897
1487.000	114.895	114.895	1488.000	114.893	114.893	1489.000	114.891	114.891	1490.000	114.889	114.889
1491.000	114.887	114.887	1492.000	114.885	114.885	1493.000	114.883	114.883	1494.000	114.881	114.881
1495.000	114.878	114.878	1496.000	114.876	114.876	1497.000	114.874	114.874	1498.000	114.872	114.872
1499.000	114.870	114.870	1500.000	114.868	114.868	1501.000	114.866	114.866	1502.000	114.864	114.864
1503.000	114.862	114.862	1504.000	114.860	114.860	1505.000	114.858	114.858	1506.000	114.856	114.856
1507.000	114.854	114.854	1508.000	114.852	114.852	1509.000	114.849	114.849	1510.000	114.847	114.847
1511.000	114.845	114.845	1512.000	114.843	114.843	1513.000	114.841	114.841	1514.000	114.839	114.839
1515.000	114.837	114.837	1516.000	114.835	114.835	1517.000	114.833	114.833	1518.000	114.831	114.831
1519.000	114.829	114.829	1520.000	114.827	114.827	1521.000	114.825	114.825	1522.000	114.823	114.823
1523.000	114.821	114.821	1524.000	114.819	114.819	1525.000	114.816	114.816	1526.000	114.814	114.814
1527.000	114.812	114.812	1528.000	114.810	114.810	1529.000	114.808	114.808	1530.000	114.806	114.806
1531.000	114.804	114.804	1532.000	114.802	114.802	1533.000	114.800	114.800	1534.000	114.798	114.798
1535.000	114.796	114.796	1536.000	114.794	114.794	1537.000	114.792	114.792	1538.000	114.790	114.790
1539.000	114.788	114.788	1540.000	114.786	114.786	1541.000	114.784	114.784	1542.000	114.782	114.782
1543.000	114.780	114.780	1544.000	114.778	114.778	1545.000	114.776	114.776	1546.000	114.774	114.774
1547.000	114.772	114.772	1548.000	114.770	114.770	1549.000	114.768	114.768	1550.000	114.765	114.765
1551.000	114.763	114.763	1552.000	114.761	114.761	1553.000	114.759	114.759	1554.000	114.757	114.757

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1555.000	114.755	114.755	1556.000	114.753	114.753	1557.000	114.751	114.751	1558.000	114.749	114.749
1559.000	114.747	114.747	1560.000	114.745	114.745	1561.000	114.743	114.743	1562.000	114.741	114.741
1563.000	114.739	114.739	1564.000	114.737	114.737	1565.000	114.735	114.735	1566.000	114.733	114.733
1567.000	114.731	114.731	1568.000	114.729	114.729	1569.000	114.727	114.727	1570.000	114.725	114.725
1571.000	114.723	114.723	1572.000	114.721	114.721	1573.000	114.719	114.719	1574.000	114.717	114.717
1575.000	114.715	114.715	1576.000	114.713	114.713	1577.000	114.711	114.711	1578.000	114.709	114.709
1579.000	114.707	114.707	1580.000	114.705	114.705	1581.000	114.703	114.703	1582.000	114.701	114.701
1583.000	114.699	114.699	1584.000	114.697	114.697	1585.000	114.695	114.695	1586.000	114.693	114.693
1587.000	114.691	114.691	1588.000	114.689	114.689	1589.000	114.687	114.687	1590.000	114.685	114.685
1591.000	114.683	114.683	1592.000	114.681	114.681	1593.000	114.679	114.679	1594.000	114.677	114.677
1595.000	114.675	114.675	1596.000	114.673	114.673	1597.000	114.671	114.671	1598.000	114.669	114.669
1599.000	114.667	114.667	1600.000	114.665	114.665	1601.000	114.663	114.663	1602.000	114.661	114.661
1603.000	114.659	114.659	1604.000	114.657	114.657	1605.000	114.655	114.655	1606.000	114.653	114.653
1607.000	114.651	114.651	1608.000	114.649	114.649	1609.000	114.647	114.647	1610.000	114.645	114.645
1611.000	114.643	114.643	1612.000	114.642	114.642	1613.000	114.640	114.640	1614.000	114.638	114.638
1615.000	114.636	114.636	1616.000	114.634	114.634	1617.000	114.632	114.632	1618.000	114.630	114.630
1619.000	114.628	114.628	1620.000	114.626	114.626	1621.000	114.624	114.624	1622.000	114.622	114.622
1623.000	114.620	114.620	1624.000	114.618	114.618	1625.000	114.616	114.616	1626.000	114.614	114.614
1627.000	114.612	114.612	1628.000	114.610	114.610	1629.000	114.608	114.608	1630.000	114.606	114.606
1631.000	114.604	114.604	1632.000	114.602	114.602	1633.000	114.600	114.600	1634.000	114.598	114.598
1635.000	114.596	114.596	1636.000	114.594	114.594	1637.000	114.593	114.593	1638.000	114.591	114.591
1639.000	114.589	114.589	1640.000	114.587	114.587	1641.000	114.585	114.585	1642.000	114.583	114.583
1643.000	114.581	114.581	1644.000	114.579	114.579	1645.000	114.577	114.577	1646.000	114.575	114.575
1647.000	114.573	114.573	1648.000	114.571	114.571	1649.000	114.569	114.569	1650.000	114.567	114.567
1651.000	114.565	114.565	1652.000	114.563	114.563	1653.000	114.561	114.561	1654.000	114.560	114.560
1655.000	114.558	114.558	1656.000	114.556	114.556	1657.000	114.554	114.554	1658.000	114.552	114.552
1659.000	114.550	114.550	1660.000	114.548	114.548	1661.000	114.546	114.546	1662.000	114.544	114.544
1663.000	114.542	114.542	1664.000	114.540	114.540	1665.000	114.538	114.538	1666.000	114.536	114.536
1667.000	114.534	114.534	1668.000	114.533	114.533	1669.000	114.531	114.531	1670.000	114.529	114.529
1671.000	114.527	114.527	1672.000	114.525	114.525	1673.000	114.523	114.523	1674.000	114.521	114.521
1675.000	114.519	114.519	1676.000	114.517	114.517	1677.000	114.515	114.515	1678.000	114.513	114.513
1679.000	114.511	114.511	1680.000	114.510	114.510	1681.000	114.508	114.508	1682.000	114.506	114.506
1683.000	114.504	114.504	1684.000	114.502	114.502	1685.000	114.500	114.500	1686.000	114.498	114.498
1687.000	114.496	114.496	1688.000	114.494	114.494	1689.000	114.492	114.492	1690.000	114.490	114.490
1691.000	114.489	114.489	1692.000	114.487	114.487	1693.000	114.485	114.485	1694.000	114.483	114.483
1695.000	114.481	114.481	1696.000	114.479	114.479	1697.000	114.477	114.477	1698.000	114.476	114.476
1699.000	114.476	114.476	1700.000	114.476	114.476	1701.000	114.476	114.476	1702.000	114.476	114.476

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1703.000	114.475	114.475	1704.000	114.475	114.475	1705.000	114.475	114.475	1706.000	114.475	114.475
1707.000	114.474	114.474	1708.000	114.474	114.474	1709.000	114.474	114.474	1710.000	114.474	114.474
1711.000	114.473	114.473	1712.000	114.473	114.473	1713.000	114.473	114.473	1714.000	114.473	114.473
1715.000	114.473	114.473	1716.000	114.472	114.472	1717.000	114.472	114.472	1718.000	114.472	114.472
1719.000	114.472	114.472	1720.000	114.471	114.471	1721.000	114.471	114.471	1722.000	114.471	114.471
1723.000	114.471	114.471	1724.000	114.471	114.471	1725.000	114.470	114.470	1726.000	114.470	114.470
1727.000	114.470	114.470	1728.000	114.470	114.470	1729.000	114.469	114.469	1730.000	114.469	114.469
1731.000	114.469	114.469	1732.000	114.469	114.469	1733.000	114.468	114.468	1734.000	114.468	114.468
1735.000	114.468	114.468	1736.000	114.468	114.468	1737.000	114.468	114.468	1738.000	114.467	114.467
1739.000	114.467	114.467	1740.000	114.467	114.467	1741.000	114.467	114.467	1742.000	114.466	114.466
1743.000	114.466	114.466	1744.000	114.466	114.466	1745.000	114.466	114.466	1746.000	114.466	114.466
1747.000	114.465	114.465	1748.000	114.465	114.465	1749.000	114.465	114.465	1750.000	114.465	114.465
1751.000	114.464	114.464	1752.000	114.464	114.464	1753.000	114.464	114.464	1754.000	114.464	114.464
1755.000	114.463	114.463	1756.000	114.463	114.463	1757.000	114.463	114.463	1758.000	114.463	114.463
1759.000	114.463	114.463	1760.000	114.462	114.462	1761.000	114.462	114.462	1762.000	114.462	114.462
1763.000	114.462	114.462	1764.000	114.461	114.461	1765.000	114.461	114.461	1766.000	114.461	114.461
1767.000	114.461	114.461	1768.000	114.460	114.460	1769.000	114.460	114.460	1770.000	114.460	114.460
1771.000	114.460	114.460	1772.000	114.460	114.460	1773.000	114.459	114.459	1774.000	114.459	114.459
1775.000	114.459	114.459	1776.000	114.459	114.459	1777.000	114.458	114.458	1778.000	114.458	114.458
1779.000	114.458	114.458	1780.000	114.458	114.458	1781.000	114.457	114.457	1782.000	114.457	114.457
1783.000	114.457	114.457	1784.000	114.457	114.457	1785.000	114.457	114.457	1786.000	114.456	114.456
1787.000	114.456	114.456	1788.000	114.456	114.456	1789.000	114.456	114.456	1790.000	114.455	114.455
1791.000	114.455	114.455	1792.000	114.455	114.455	1793.000	114.455	114.455	1794.000	114.454	114.454
1795.000	114.454	114.454	1796.000	114.454	114.454	1797.000	114.454	114.454	1798.000	114.453	114.453
1799.000	114.453	114.453	1800.000	114.453	114.453	1801.000	114.453	114.453	1802.000	114.453	114.453
1803.000	114.452	114.452	1804.000	114.452	114.452	1805.000	114.452	114.452	1806.000	114.452	114.452
1807.000	114.451	114.451	1808.000	114.451	114.451	1809.000	114.451	114.451	1810.000	114.451	114.451
1811.000	114.450	114.450	1812.000	114.450	114.450	1813.000	114.450	114.450	1814.000	114.450	114.450
1815.000	114.450	114.450	1816.000	114.449	114.449	1817.000	114.449	114.449	1818.000	114.449	114.449
1819.000	114.449	114.449	1820.000	114.448	114.448	1821.000	114.448	114.448	1822.000	114.448	114.448
1823.000	114.448	114.448	1824.000	114.447	114.447	1825.000	114.447	114.447	1826.000	114.447	114.447
1827.000	114.447	114.447	1828.000	114.446	114.446	1829.000	114.446	114.446	1830.000	114.446	114.446
1831.000	114.446	114.446	1832.000	114.446	114.446	1833.000	114.445	114.445	1834.000	114.445	114.445
1835.000	114.445	114.445	1836.000	114.445	114.445	1837.000	114.444	114.444	1838.000	114.444	114.444
1839.000	114.444	114.444	1840.000	114.444	114.444	1841.000	114.443	114.443	1842.000	114.443	114.443
1843.000	114.443	114.443	1844.000	114.443	114.443	1845.000	114.442	114.442	1846.000	114.442	114.442
1847.000	114.442	114.442	1848.000	114.442	114.442	1849.000	114.441	114.441	1850.000	114.441	114.441

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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SN: KCICONSULT

Revision: Base

Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1851.000	114.441	114.441	1852.000	114.441	114.441	1853.000	114.441	114.441	1854.000	114.440	114.440
1855.000	114.440	114.440	1856.000	114.440	114.440	1857.000	114.440	114.440	1858.000	114.439	114.439
1859.000	114.439	114.439	1860.000	114.439	114.439	1861.000	114.439	114.439	1862.000	114.438	114.438
1863.000	114.438	114.438	1864.000	114.438	114.438	1865.000	114.438	114.438	1866.000	114.437	114.437
1867.000	114.437	114.437	1868.000	114.437	114.437	1869.000	114.437	114.437	1870.000	114.436	114.436
1871.000	114.436	114.436	1872.000	114.436	114.436	1873.000	114.436	114.436	1874.000	114.436	114.436
1875.000	114.435	114.435	1876.000	114.435	114.435	1877.000	114.435	114.435	1878.000	114.435	114.435
1879.000	114.434	114.434	1880.000	114.434	114.434	1881.000	114.434	114.434	1882.000	114.434	114.434
1883.000	114.433	114.433	1884.000	114.433	114.433	1885.000	114.433	114.433	1886.000	114.433	114.433
1887.000	114.432	114.432	1888.000	114.432	114.432	1889.000	114.432	114.432	1890.000	114.432	114.432
1891.000	114.431	114.431	1892.000	114.431	114.431	1893.000	114.431	114.431	1894.000	114.431	114.431
1895.000	114.430	114.430	1896.000	114.430	114.430	1897.000	114.430	114.430	1898.000	114.430	114.430
1899.000	114.430	114.430	1900.000	114.429	114.429	1901.000	114.429	114.429	1902.000	114.429	114.429
1903.000	114.429	114.429	1904.000	114.428	114.428	1905.000	114.428	114.428	1906.000	114.428	114.428
1907.000	114.428	114.428	1908.000	114.427	114.427	1909.000	114.427	114.427	1910.000	114.427	114.427
1911.000	114.427	114.427	1912.000	114.426	114.426	1913.000	114.426	114.426	1914.000	114.426	114.426
1915.000	114.426	114.426	1916.000	114.425	114.425	1917.000	114.425	114.425	1918.000	114.425	114.425
1919.000	114.425	114.425	1920.000	114.424	114.424	1921.000	114.424	114.424	1922.000	114.424	114.424
1923.000	114.424	114.424	1924.000	114.423	114.423	1925.000	114.423	114.423	1926.000	114.423	114.423
1927.000	114.423	114.423	1928.000	114.423	114.423	1929.000	114.422	114.422	1930.000	114.422	114.422
1931.000	114.422	114.422	1932.000	114.422	114.422	1933.000	114.421	114.421	1934.000	114.421	114.421
1935.000	114.421	114.421	1936.000	114.421	114.421	1937.000	114.420	114.420	1938.000	114.420	114.420
1939.000	114.420	114.420	1940.000	114.420	114.420	1941.000	114.419	114.419	1942.000	114.419	114.419
1943.000	114.419	114.419	1944.000	114.419	114.419	1945.000	114.418	114.418	1946.000	114.418	114.418
1947.000	114.418	114.418	1948.000	114.418	114.418	1949.000	114.417	114.417	1950.000	114.417	114.417
1951.000	114.417	114.417	1952.000	114.417	114.417	1953.000	114.416	114.416	1954.000	114.416	114.416
1955.000	114.416	114.416	1956.000	114.416	114.416	1957.000	114.415	114.415	1958.000	114.415	114.415
1959.000	114.415	114.415	1960.000	114.415	114.415	1961.000	114.414	114.414	1962.000	114.414	114.414
1963.000	114.414	114.414	1964.000	114.414	114.414	1965.000	114.413	114.413	1966.000	114.413	114.413
1967.000	114.413	114.413	1968.000	114.413	114.413	1969.000	114.412	114.412	1970.000	114.412	114.412
1971.000	114.412	114.412	1972.000	114.412	114.412	1973.000	114.411	114.411	1974.000	114.411	114.411
1975.000	114.411	114.411	1976.000	114.411	114.411	1977.000	114.410	114.410	1978.000	114.410	114.410
1979.000	114.410	114.410	1980.000	114.410	114.410	1981.000	114.409	114.409	1982.000	114.409	114.409
1983.000	114.409	114.409	1984.000	114.409	114.409	1985.000	114.408	114.408	1986.000	114.408	114.408
1987.000	114.408	114.408	1988.000	114.408	114.408	1989.000	114.407	114.407	1990.000	114.407	114.407
1991.000	114.407	114.407	1992.000	114.407	114.407	1993.000	114.406	114.406	1994.000	114.406	114.406
1995.000	114.406	114.406	1996.000	114.406	114.406	1997.000	114.406	114.406	1998.000	114.405	114.405

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

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DIV 1 Battery 1A 48-Hour Coping Study

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DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1999.000	114.405	114.405	2000.000	114.405	114.405	2001.000	114.405	114.405	2002.000	114.404	114.404
2003.000	114.404	114.404	2004.000	114.404	114.404	2005.000	114.404	114.404	2006.000	114.403	114.403
2007.000	114.403	114.403	2008.000	114.403	114.403	2009.000	114.403	114.403	2010.000	114.402	114.402
2011.000	114.402	114.402	2012.000	114.402	114.402	2013.000	114.402	114.402	2014.000	114.401	114.401
2015.000	114.401	114.401	2016.000	114.401	114.401	2017.000	114.401	114.401	2018.000	114.400	114.400
2019.000	114.400	114.400	2020.000	114.400	114.400	2021.000	114.399	114.399	2022.000	114.399	114.399
2023.000	114.399	114.399	2024.000	114.399	114.399	2025.000	114.398	114.398	2026.000	114.398	114.398
2027.000	114.398	114.398	2028.000	114.398	114.398	2029.000	114.397	114.397	2030.000	114.397	114.397
2031.000	114.397	114.397	2032.000	114.397	114.397	2033.000	114.396	114.396	2034.000	114.396	114.396
2035.000	114.396	114.396	2036.000	114.396	114.396	2037.000	114.395	114.395	2038.000	114.395	114.395
2039.000	114.395	114.395	2040.000	114.395	114.395	2041.000	114.395	114.395	2042.000	114.395	114.395
2043.000	114.395	114.395	2044.000	114.395	114.395	2045.000	114.395	114.395	2046.000	114.395	114.395
2047.000	114.395	114.395	2048.000	114.395	114.395	2049.000	114.395	114.395	2050.000	114.395	114.395
2051.000	114.395	114.395	2052.000	114.396	114.396	2053.000	114.396	114.396	2054.000	114.396	114.396
2055.000	114.396	114.396	2056.000	114.396	114.396	2057.000	114.396	114.396	2058.000	114.396	114.396
2059.000	114.396	114.396	2060.000	114.396	114.396	2061.000	114.396	114.396	2062.000	114.396	114.396
2063.000	114.396	114.396	2064.000	114.396	114.396	2065.000	114.396	114.396	2066.000	114.396	114.396
2067.000	114.397	114.397	2068.000	114.397	114.397	2069.000	114.397	114.397	2070.000	114.397	114.397
2071.000	114.397	114.397	2072.000	114.397	114.397	2073.000	114.397	114.397	2074.000	114.397	114.397
2075.000	114.397	114.397	2076.000	114.397	114.397	2077.000	114.397	114.397	2078.000	114.397	114.397
2079.000	114.397	114.397	2080.000	114.397	114.397	2081.000	114.397	114.397	2082.000	114.397	114.397
2083.000	114.398	114.398	2084.000	114.398	114.398	2085.000	114.398	114.398	2086.000	114.398	114.398
2087.000	114.398	114.398	2088.000	114.398	114.398	2089.000	114.398	114.398	2090.000	114.398	114.398
2091.000	114.398	114.398	2092.000	114.398	114.398	2093.000	114.398	114.398	2094.000	114.398	114.398
2095.000	114.398	114.398	2096.000	114.398	114.398	2097.000	114.398	114.398	2098.000	114.398	114.398
2099.000	114.399	114.399	2100.000	114.399	114.399	2101.000	114.399	114.399	2102.000	114.399	114.399
2103.000	114.399	114.399	2104.000	114.399	114.399	2105.000	114.399	114.399	2106.000	114.399	114.399
2107.000	114.399	114.399	2108.000	114.399	114.399	2109.000	114.399	114.399	2110.000	114.399	114.399
2111.000	114.399	114.399	2112.000	114.399	114.399	2113.000	114.399	114.399	2114.000	114.400	114.400
2115.000	114.400	114.400	2116.000	114.400	114.400	2117.000	114.400	114.400	2118.000	114.400	114.400
2119.000	114.400	114.400	2120.000	114.400	114.400	2121.000	114.400	114.400	2122.000	114.400	114.400
2123.000	114.400	114.400	2124.000	114.400	114.400	2125.000	114.400	114.400	2126.000	114.400	114.400
2127.000	114.400	114.400	2128.000	114.400	114.400	2129.000	114.400	114.400	2130.000	114.401	114.401
2131.000	114.401	114.401	2132.000	114.401	114.401	2133.000	114.401	114.401	2134.000	114.401	114.401
2135.000	114.401	114.401	2136.000	114.401	114.401	2137.000	114.401	114.401	2138.000	114.401	114.401
2139.000	114.401	114.401	2140.000	114.401	114.401	2141.000	114.401	114.401	2142.000	114.401	114.401
2143.000	114.401	114.401	2144.000	114.401	114.401	2145.000	114.402	114.402	2146.000	114.402	114.402

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

#### DIV 1 Battery 1A 48-Hour Coping Study

#### DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2147.000	114.402	114.402	2148.000	114.402	114.402	2149.000	114.402	114.402	2150.000	114.402	114.402
2151.000	114.402	114.402	2152.000	114.402	114.402	2153.000	114.402	114.402	2154.000	114.402	114.402
2155.000	114.402	114.402	2156.000	114.402	114.402	2157.000	114.402	114.402	2158.000	114.402	114.402
2159.000	114.402	114.402	2160.000	114.403	114.403	2161.000	114.403	114.403	2162.000	114.403	114.403
2163.000	114.403	114.403	2164.000	114.403	114.403	2165.000	114.403	114.403	2166.000	114.403	114.403
2167.000	114.403	114.403	2168.000	114.403	114.403	2169.000	114.403	114.403	2170.000	114.403	114.403
2171.000	114.403	114.403	2172.000	114.403	114.403	2173.000	114.403	114.403	2174.000	114.403	114.403
2175.000	114.404	114.404	2176.000	114.404	114.404	2177.000	114.404	114.404	2178.000	114.404	114.404
2179.000	114.404	114.404	2180.000	114.404	114.404	2181.000	114.404	114.404	2182.000	114.404	114.404
2183.000	114.404	114.404	2184.000	114.404	114.404	2185.000	114.404	114.404	2186.000	114.404	114.404
2187.000	114.404	114.404	2188.000	114.404	114.404	2189.000	114.404	114.404	2190.000	114.405	114.405
2191.000	114.405	114.405	2192.000	114.405	114.405	2193.000	114.405	114.405	2194.000	114.405	114.405
2195.000	114.405	114.405	2196.000	114.405	114.405	2197.000	114.405	114.405	2198.000	114.405	114.405
2199.000	114.405	114.405	2200.000	114.405	114.405	2201.000	114.405	114.405	2202.000	114.405	114.405
2203.000	114.405	114.405	2204.000	114.405	114.405	2205.000	114.406	114.406	2206.000	114.406	114.406
2207.000	114.406	114.406	2208.000	114.406	114.406	2209.000	114.406	114.406	2210.000	114.406	114.406
2211.000	114.406	114.406	2212.000	114.406	114.406	2213.000	114.406	114.406	2214.000	114.406	114.406
2215.000	114.406	114.406	2216.000	114.406	114.406	2217.000	114.406	114.406	2218.000	114.406	114.406
2219.000	114.407	114.407	2220.000	114.407	114.407	2221.000	114.407	114.407	2222.000	114.407	114.407
2223.000	114.407	114.407	2224.000	114.407	114.407	2225.000	114.407	114.407	2226.000	114.407	114.407
2227.000	114.407	114.407	2228.000	114.407	114.407	2229.000	114.407	114.407	2230.000	114.407	114.407
2231.000	114.407	114.407	2232.000	114.407	114.407	2233.000	114.407	114.407	2234.000	114.408	114.408
2235.000	114.408	114.408	2236.000	114.408	114.408	2237.000	114.408	114.408	2238.000	114.408	114.408
2239.000	114.408	114.408	2240.000	114.408	114.408	2241.000	114.408	114.408	2242.000	114.408	114.408
2243.000	114.408	114.408	2244.000	114.408	114.408	2245.000	114.408	114.408	2246.000	114.408	114.408
2247.000	114.408	114.408	2248.000	114.409	114.409	2249.000	114.409	114.409	2250.000	114.409	114.409
2251.000	114.409	114.409	2252.000	114.409	114.409	2253.000	114.409	114.409	2254.000	114.409	114.409
2255.000	114.409	114.409	2256.000	114.409	114.409	2257.000	114.409	114.409	2258.000	114.409	114.409
2259.000	114.409	114.409	2260.000	114.409	114.409	2261.000	114.409	114.409	2262.000	114.409	114.409
2263.000	114.410	114.410	2264.000	114.410	114.410	2265.000	114.410	114.410	2266.000	114.410	114.410
2267.000	114.410	114.410	2268.000	114.410	114.410	2269.000	114.410	114.410	2270.000	114.410	114.410
2271.000	114.410	114.410	2272.000	114.410	114.410	2273.000	114.410	114.410	2274.000	114.410	114.410
2275.000	114.410	114.410	2276.000	114.410	114.410	2277.000	114.411	114.411	2278.000	114.411	114.411
2279.000	114.411	114.411	2280.000	114.411	114.411	2281.000	114.411	114.411	2282.000	114.411	114.411
2283.000	114.411	114.411	2284.000	114.411	114.411	2285.000	114.411	114.411	2286.000	114.411	114.411
2287.000	114.411	114.411	2288.000	114.411	114.411	2289.000	114.411	114.411	2290.000	114.411	114.411
2291.000	114.412	114.412	2292.000	114.412	114.412	2293.000	114.412	114.412	2294.000	114.412	114.412

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2295.000	114.412	114.412	2296.000	114.412	114.412	2297.000	114.412	114.412	2298.000	114.412	114.412
2299.000	114.412	114.412	2300.000	114.412	114.412	2301.000	114.412	114.412	2302.000	114.412	114.412
2303.000	114.412	114.412	2304.000	114.412	114.412	2305.000	114.413	114.413	2306.000	114.413	114.413
2307.000	114.413	114.413	2308.000	114.413	114.413	2309.000	114.413	114.413	2310.000	114.413	114.413
2311.000	114.413	114.413	2312.000	114.413	114.413	2313.000	114.413	114.413	2314.000	114.413	114.413
2315.000	114.413	114.413	2316.000	114.413	114.413	2317.000	114.413	114.413	2318.000	114.413	114.413
2319.000	114.414	114.414	2320.000	114.414	114.414	2321.000	114.414	114.414	2322.000	114.414	114.414
2323.000	114.414	114.414	2324.000	114.414	114.414	2325.000	114.414	114.414	2326.000	114.414	114.414
2327.000	114.414	114.414	2328.000	114.414	114.414	2329.000	114.414	114.414	2330.000	114.414	114.414
2331.000	114.414	114.414	2332.000	114.414	114.414	2333.000	114.415	114.415	2334.000	114.415	114.415
2335.000	114.415	114.415	2336.000	114.415	114.415	2337.000	114.415	114.415	2338.000	114.415	114.415
2339.000	114.415	114.415	2340.000	114.415	114.415	2341.000	114.415	114.415	2342.000	114.415	114.415
2343.000	114.415	114.415	2344.000	114.415	114.415	2345.000	114.415	114.415	2346.000	114.416	114.416
2347.000	114.416	114.416	2348.000	114.416	114.416	2349.000	114.416	114.416	2350.000	114.416	114.416
2351.000	114.416	114.416	2352.000	114.415	114.415	2353.000	114.415	114.415	2354.000	114.415	114.415
2355.000	114.415	114.415	2356.000	114.415	114.415	2357.000	114.415	114.415	2358.000	114.415	114.415
2359.000	114.415	114.415	2360.000	114.415	114.415	2361.000	114.415	114.415	2362.000	114.415	114.415
2363.000	114.415	114.415	2364.000	114.415	114.415	2365.000	114.415	114.415	2366.000	114.415	114.415
2367.000	114.415	114.415	2368.000	114.415	114.415	2369.000	114.415	114.415	2370.000	114.415	114.415
2371.000	114.415	114.415	2372.000	114.415	114.415	2373.000	114.415	114.415	2374.000	114.415	114.415
2375.000	114.415	114.415	2376.000	114.415	114.415	2377.000	114.415	114.415	2378.000	114.415	114.415
2379.000	114.414	114.414	2380.000	114.414	114.414	2381.000	114.414	114.414	2382.000	114.414	114.414
2383.000	114.414	114.414	2384.000	114.414	114.414	2385.000	114.414	114.414	2386.000	114.414	114.414
2387.000	114.414	114.414	2388.000	114.414	114.414	2389.000	114.414	114.414	2390.000	114.414	114.414
2391.000	114.414	114.414	2392.000	114.414	114.414	2393.000	114.414	114.414	2394.000	114.414	114.414
2395.000	114.414	114.414	2396.000	114.414	114.414	2397.000	114.414	114.414	2398.000	114.414	114.414
2399.000	114.414	114.414	2400.000	114.414	114.414	2401.000	114.414	114.414	2402.000	114.414	114.414
2403.000	114.414	114.414	2404.000	114.414	114.414	2405.000	114.413	114.413	2406.000	114.413	114.413
2407.000	114.413	114.413	2408.000	114.413	114.413	2409.000	114.413	114.413	2410.000	114.413	114.413
2411.000	114.413	114.413	2412.000	114.413	114.413	2413.000	114.413	114.413	2414.000	114.413	114.413
2415.000	114.413	114.413	2416.000	114.413	114.413	2417.000	114.413	114.413	2418.000	114.413	114.413
2419.000	114.413	114.413	2420.000	114.413	114.413	2421.000	114.413	114.413	2422.000	114.413	114.413
2423.000	114.413	114.413	2424.000	114.413	114.413	2425.000	114.413	114.413	2426.000	114.413	114.413
2427.000	114.413	114.413	2428.000	114.413	114.413	2429.000	114.413	114.413	2430.000	114.413	114.413
2431.000	114.412	114.412	2432.000	114.412	114.412	2433.000	114.412	114.412	2434.000	114.412	114.412
2435.000	114.412	114.412	2436.000	114.412	114.412	2437.000	114.412	114.412	2438.000	114.412	114.412
2439.000	114.412	114.412	2440.000	114.412	114.412	2441.000	114.412	114.412	2442.000	114.412	114.412

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2443.000	114.412	114.412	2444.000	114.412	114.412	2445.000	114.412	114.412	2446.000	114.412	114.412
2447.000	114.412	114.412	2448.000	114.412	114.412	2449.000	114.412	114.412	2450.000	114.412	114.412
2451.000	114.412	114.412	2452.000	114.412	114.412	2453.000	114.412	114.412	2454.000	114.412	114.412
2455.000	114.412	114.412	2456.000	114.411	114.411	2457.000	114.411	114.411	2458.000	114.411	114.411
2459.000	114.411	114.411	2460.000	114.411	114.411	2461.000	114.411	114.411	2462.000	114.411	114.411
2463.000	114.411	114.411	2464.000	114.411	114.411	2465.000	114.411	114.411	2466.000	114.411	114.411
2467.000	114.411	114.411	2468.000	114.411	114.411	2469.000	114.411	114.411	2470.000	114.411	114.411
2471.000	114.411	114.411	2472.000	114.411	114.411	2473.000	114.411	114.411	2474.000	114.411	114.411
2475.000	114.411	114.411	2476.000	114.411	114.411	2477.000	114.411	114.411	2478.000	114.411	114.411
2479.000	114.411	114.411	2480.000	114.411	114.411	2481.000	114.411	114.411	2482.000	114.410	114.410
2483.000	114.410	114.410	2484.000	114.410	114.410	2485.000	114.410	114.410	2486.000	114.410	114.410
2487.000	114.410	114.410	2488.000	114.410	114.410	2489.000	114.410	114.410	2490.000	114.410	114.410
2491.000	114.410	114.410	2492.000	114.410	114.410	2493.000	114.410	114.410	2494.000	114.410	114.410
2495.000	114.410	114.410	2496.000	114.410	114.410	2497.000	114.410	114.410	2498.000	114.410	114.410
2499.000	114.410	114.410	2500.000	114.410	114.410	2501.000	114.410	114.410	2502.000	114.410	114.410
2503.000	114.410	114.410	2504.000	114.410	114.410	2505.000	114.410	114.410	2506.000	114.410	114.410
2507.000	114.409	114.409	2508.000	114.409	114.409	2509.000	114.409	114.409	2510.000	114.409	114.409
2511.000	114.409	114.409	2512.000	114.409	114.409	2513.000	114.409	114.409	2514.000	114.409	114.409
2515.000	114.409	114.409	2516.000	114.409	114.409	2517.000	114.409	114.409	2518.000	114.409	114.409
2519.000	114.409	114.409	2520.000	114.409	114.409	2521.000	114.409	114.409	2522.000	114.409	114.409
2523.000	114.409	114.409	2524.000	114.409	114.409	2525.000	114.409	114.409	2526.000	114.409	114.409
2527.000	114.409	114.409	2528.000	114.409	114.409	2529.000	114.409	114.409	2530.000	114.409	114.409
2531.000	114.409	114.409	2532.000	114.408	114.408	2533.000	114.408	114.408	2534.000	114.408	114.408
2535.000	114.408	114.408	2536.000	114.408	114.408	2537.000	114.408	114.408	2538.000	114.408	114.408
2539.000	114.408	114.408	2540.000	114.408	114.408	2541.000	114.408	114.408	2542.000	114.408	114.408
2543.000	114.408	114.408	2544.000	114.408	114.408	2545.000	114.408	114.408	2546.000	114.408	114.408
2547.000	114.408	114.408	2548.000	114.408	114.408	2549.000	114.408	114.408	2550.000	114.408	114.408
2551.000	114.408	114.408	2552.000	114.408	114.408	2553.000	114.408	114.408	2554.000	114.408	114.408
2555.000	114.408	114.408	2556.000	114.407	114.407	2557.000	114.407	114.407	2558.000	114.407	114.407
2559.000	114.407	114.407	2560.000	114.407	114.407	2561.000	114.407	114.407	2562.000	114.407	114.407
2563.000	114.407	114.407	2564.000	114.407	114.407	2565.000	114.407	114.407	2566.000	114.407	114.407
2567.000	114.407	114.407	2568.000	114.407	114.407	2569.000	114.407	114.407	2570.000	114.407	114.407
2571.000	114.407	114.407	2572.000	114.407	114.407	2573.000	114.407	114.407	2574.000	114.407	114.407
2575.000	114.407	114.407	2576.000	114.407	114.407	2577.000	114.407	114.407	2578.000	114.407	114.407
2579.000	114.407	114.407	2580.000	114.407	114.407	2581.000	114.406	114.406	2582.000	114.406	114.406
2583.000	114.406	114.406	2584.000	114.406	114.406	2585.000	114.406	114.406	2586.000	114.406	114.406
2587.000	114.406	114.406	2588.000	114.406	114.406	2589.000	114.406	114.406	2590.000	114.406	114.406

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

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DIV 1 Battery 1A 48-Hour Coping Study

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DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2591.000	114.406	114.406	2592.000	114.406	114.406	2593.000	114.406	114.406	2594.000	114.406	114.406
2595.000	114.406	114.406	2596.000	114.406	114.406	2597.000	114.406	114.406	2598.000	114.406	114.406
2599.000	114.406	114.406	2600.000	114.406	114.406	2601.000	114.406	114.406	2602.000	114.406	114.406
2603.000	114.406	114.406	2604.000	114.406	114.406	2605.000	114.405	114.405	2606.000	114.405	114.405
2607.000	114.405	114.405	2608.000	114.405	114.405	2609.000	114.405	114.405	2610.000	114.405	114.405
2611.000	114.405	114.405	2612.000	114.405	114.405	2613.000	114.405	114.405	2614.000	114.405	114.405
2615.000	114.405	114.405	2616.000	114.405	114.405	2617.000	114.405	114.405	2618.000	114.405	114.405
2619.000	114.405	114.405	2620.000	114.405	114.405	2621.000	114.405	114.405	2622.000	114.405	114.405
2623.000	114.405	114.405	2624.000	114.405	114.405	2625.000	114.405	114.405	2626.000	114.405	114.405
2627.000	114.405	114.405	2628.000	114.405	114.405	2629.000	114.404	114.404	2630.000	114.404	114.404
2631.000	114.404	114.404	2632.000	114.404	114.404	2633.000	114.404	114.404	2634.000	114.404	114.404
2635.000	114.404	114.404	2636.000	114.404	114.404	2637.000	114.404	114.404	2638.000	114.404	114.404
2639.000	114.404	114.404	2640.000	114.404	114.404	2641.000	114.404	114.404	2642.000	114.404	114.404
2643.000	114.404	114.404	2644.000	114.404	114.404	2645.000	114.404	114.404	2646.000	114.404	114.404
2647.000	114.404	114.404	2648.000	114.404	114.404	2649.000	114.404	114.404	2650.000	114.404	114.404
2651.000	114.404	114.404	2652.000	114.404	114.404	2653.000	114.403	114.403	2654.000	114.403	114.403
2655.000	114.403	114.403	2656.000	114.403	114.403	2657.000	114.403	114.403	2658.000	114.403	114.403
2659.000	114.403	114.403	2660.000	114.403	114.403	2661.000	114.403	114.403	2662.000	114.403	114.403
2663.000	114.403	114.403	2664.000	114.403	114.403	2665.000	114.403	114.403	2666.000	114.403	114.403
2667.000	114.403	114.403	2668.000	114.403	114.403	2669.000	114.403	114.403	2670.000	114.403	114.403
2671.000	114.403	114.403	2672.000	114.403	114.403	2673.000	114.403	114.403	2674.000	114.403	114.403
2675.000	114.403	114.403	2676.000	114.403	114.403	2677.000	114.402	114.402	2678.000	114.402	114.402
2679.000	114.402	114.402	2680.000	114.402	114.402	2681.000	114.402	114.402	2682.000	114.402	114.402
2683.000	114.402	114.402	2684.000	114.402	114.402	2685.000	114.402	114.402	2686.000	114.402	114.402
2687.000	114.402	114.402	2688.000	114.402	114.402	2689.000	114.402	114.402	2690.000	114.402	114.402
2691.000	114.402	114.402	2692.000	114.402	114.402	2693.000	114.402	114.402	2694.000	114.402	114.402
2695.000	114.402	114.402	2696.000	114.402	114.402	2697.000	114.402	114.402	2698.000	114.402	114.402
2699.000	114.402	114.402	2700.000	114.401	114.401	2701.000	114.401	114.401	2702.000	114.401	114.401
2703.000	114.401	114.401	2704.000	114.401	114.401	2705.000	114.401	114.401	2706.000	114.401	114.401
2707.000	114.401	114.401	2708.000	114.401	114.401	2709.000	114.401	114.401	2710.000	114.401	114.401
2711.000	114.401	114.401	2712.000	114.401	114.401	2713.000	114.401	114.401	2714.000	114.401	114.401
2715.000	114.401	114.401	2716.000	114.401	114.401	2717.000	114.401	114.401	2718.000	114.401	114.401
2719.000	114.401	114.401	2720.000	114.401	114.401	2721.000	114.401	114.401	2722.000	114.401	114.401
2723.000	114.400	114.400	2724.000	114.400	114.400	2725.000	114.400	114.400	2726.000	114.400	114.400
2727.000	114.400	114.400	2728.000	114.400	114.400	2729.000	114.400	114.400	2730.000	114.400	114.400
2731.000	114.400	114.400	2732.000	114.400	114.400	2733.000	114.400	114.400	2734.000	114.400	114.400
2735.000	114.400	114.400	2736.000	114.400	114.400	2737.000	114.400	114.400	2738.000	114.400	114.400

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

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DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2739.000	114.400	114.400	2740.000	114.400	114.400	2741.000	114.400	114.400	2742.000	114.400	114.400
2743.000	114.400	114.400	2744.000	114.400	114.400	2745.000	114.400	114.400	2746.000	114.399	114.399
2747.000	114.399	114.399	2748.000	114.399	114.399	2749.000	114.399	114.399	2750.000	114.399	114.399
2751.000	114.399	114.399	2752.000	114.399	114.399	2753.000	114.399	114.399	2754.000	114.399	114.399
2755.000	114.399	114.399	2756.000	114.399	114.399	2757.000	114.399	114.399	2758.000	114.399	114.399
2759.000	114.399	114.399	2760.000	114.399	114.399	2761.000	114.399	114.399	2762.000	114.399	114.399
2763.000	114.399	114.399	2764.000	114.399	114.399	2765.000	114.399	114.399	2766.000	114.399	114.399
2767.000	114.399	114.399	2768.000	114.399	114.399	2769.000	114.398	114.398	2770.000	114.398	114.398
2771.000	114.398	114.398	2772.000	114.398	114.398	2773.000	114.398	114.398	2774.000	114.398	114.398
2775.000	114.398	114.398	2776.000	114.398	114.398	2777.000	114.398	114.398	2778.000	114.398	114.398
2779.000	114.398	114.398	2780.000	114.398	114.398	2781.000	114.398	114.398	2782.000	114.398	114.398
2783.000	114.398	114.398	2784.000	114.398	114.398	2785.000	114.398	114.398	2786.000	114.398	114.398
2787.000	114.398	114.398	2788.000	114.398	114.398	2789.000	114.398	114.398	2790.000	114.398	114.398
2791.000	114.397	114.397	2792.000	114.397	114.397	2793.000	114.397	114.397	2794.000	114.397	114.397
2795.000	114.397	114.397	2796.000	114.397	114.397	2797.000	114.397	114.397	2798.000	114.397	114.397
2799.000	114.397	114.397	2800.000	114.397	114.397	2801.000	114.397	114.397	2802.000	114.397	114.397
2803.000	114.397	114.397	2804.000	114.397	114.397	2805.000	114.397	114.397	2806.000	114.397	114.397
2807.000	114.397	114.397	2808.000	114.397	114.397	2809.000	114.397	114.397	2810.000	114.397	114.397
2811.000	114.397	114.397	2812.000	114.397	114.397	2813.000	114.396	114.396	2814.000	114.396	114.396
2815.000	114.396	114.396	2816.000	114.396	114.396	2817.000	114.396	114.396	2818.000	114.396	114.396
2819.000	114.396	114.396	2820.000	114.396	114.396	2821.000	114.396	114.396	2822.000	114.396	114.396
2823.000	114.396	114.396	2824.000	114.396	114.396	2825.000	114.396	114.396	2826.000	114.396	114.396
2827.000	114.396	114.396	2828.000	114.396	114.396	2829.000	114.396	114.396	2830.000	114.396	114.396
2831.000	114.396	114.396	2832.000	114.396	114.396	2833.000	114.396	114.396	2834.000	114.396	114.396
2835.000	114.396	114.396	2836.000	114.395	114.395	2837.000	114.395	114.395	2838.000	114.395	114.395
2839.000	114.395	114.395	2840.000	114.395	114.395	2841.000	114.395	114.395	2842.000	114.395	114.395
2843.000	114.395	114.395	2844.000	114.395	114.395	2845.000	114.395	114.395	2846.000	114.395	114.395
2847.000	114.395	114.395	2848.000	114.395	114.395	2849.000	114.395	114.395	2850.000	114.395	114.395
2851.000	114.395	114.395	2852.000	114.395	114.395	2853.000	114.395	114.395	2854.000	114.395	114.395
2855.000	114.395	114.395	2856.000	114.395	114.395	2857.000	114.395	114.395	2858.000	114.394	114.394
2859.000	114.394	114.394	2860.000	114.394	114.394	2861.000	114.394	114.394	2862.000	114.394	114.394
2863.000	114.394	114.394	2864.000	114.394	114.394	2865.000	114.394	114.394	2866.000	114.394	114.394
2867.000	114.394	114.394	2868.000	114.394	114.394	2869.000	114.394	114.394	2870.000	114.394	114.394
2871.000	114.394	114.394	2872.000	114.394	114.394	2873.000	114.394	114.394	2874.000	114.394	114.394
2875.000	114.394	114.394	2876.000	114.394	114.394	2877.000	114.394	114.394	2878.000	114.394	114.394
2879.000	114.393	114.393	2880.000	114.393	114.393	2881.000	114.393	114.393	2882.000	114.393	114.393
2883.000	114.393	114.393	2884.000	114.393	114.393	2885.000	114.393	114.393	2886.000	114.393	114.393

Project: Clinton Flex Study  
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Contract:  
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Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2887.000	114.393	114.393	2888.000	114.393	114.393	2889.000	114.393	114.393	2890.000	114.393	114.393
2891.000	114.393	114.393	2892.000	114.393	114.393	2893.000	114.393	114.393	2894.000	114.393	114.393
2895.000	114.393	114.393	2896.000	114.393	114.393	2897.000	114.393	114.393	2898.000	114.393	114.393
2899.000	114.393	114.393	2900.000	114.393	114.393	2901.000	114.392	114.392	2902.000	114.392	114.392
2903.000	114.392	114.392	2904.000	114.392	114.392	2905.000	114.392	114.392	2906.000	114.392	114.392
2907.000	114.392	114.392	2908.000	114.392	114.392	2909.000	114.392	114.392	2910.000	114.392	114.392
2911.000	114.392	114.392	2912.000	114.392	114.392	2913.000	114.392	114.392	2914.000	114.392	114.392
2915.000	114.392	114.392	2916.000	114.392	114.392	2917.000	114.392	114.392	2918.000	114.392	114.392
2919.000	114.392	114.392	2920.000	114.392	114.392	2921.000	114.392	114.392	2922.000	114.391	114.391
2923.000	114.391	114.391	2924.000	114.391	114.391	2925.000	114.391	114.391	2926.000	114.391	114.391
2927.000	114.391	114.391	2928.000	114.391	114.391	2929.000	114.391	114.391	2930.000	114.391	114.391
2931.000	114.391	114.391	2932.000	114.391	114.391	2933.000	114.391	114.391	2934.000	114.391	114.391
2935.000	114.391	114.391	2936.000	114.391	114.391	2937.000	114.391	114.391	2938.000	114.391	114.391
2939.000	114.391	114.391	2940.000	114.391	114.391	2941.000	114.391	114.391	2942.000	114.391	114.391
2943.000	114.390	114.390	2944.000	114.390	114.390	2945.000	114.390	114.390	2946.000	114.390	114.390
2947.000	114.390	114.390	2948.000	114.390	114.390	2949.000	114.390	114.390	2950.000	114.390	114.390
2951.000	114.390	114.390	2952.000	114.390	114.390	2953.000	114.390	114.390	2954.000	114.390	114.390
2955.000	114.390	114.390	2956.000	114.390	114.390	2957.000	114.390	114.390	2958.000	114.390	114.390
2959.000	114.390	114.390	2960.000	114.390	114.390	2961.000	114.390	114.390	2962.000	114.390	114.390
2963.000	114.390	114.390	2964.000	114.389	114.389	2965.000	114.389	114.389	2966.000	114.389	114.389
2967.000	114.389	114.389	2968.000	114.389	114.389	2969.000	114.389	114.389	2970.000	114.389	114.389
2971.000	114.389	114.389	2972.000	114.389	114.389	2973.000	114.389	114.389	2974.000	114.389	114.389
2975.000	114.389	114.389	2976.000	114.389	114.389	2977.000	114.389	114.389	2978.000	114.389	114.389
2979.000	114.389	114.389	2980.000	114.389	114.389	2981.000	114.389	114.389	2982.000	114.389	114.389
2983.000	114.389	114.389	2984.000	114.389	114.389	2985.000	114.388	114.388	2986.000	114.388	114.388
2987.000	114.388	114.388	2988.000	114.388	114.388	2989.000	114.388	114.388	2990.000	114.388	114.388
2991.000	114.388	114.388	2992.000	114.388	114.388	2993.000	114.388	114.388	2994.000	114.388	114.388
2995.000	114.388	114.388	2996.000	114.388	114.388	2997.000	114.388	114.388	2998.000	114.388	114.388
2999.000	114.388	114.388	3000.000	114.388	114.388	3001.000	114.388	114.388	3002.000	114.388	114.388
3003.000	114.388	114.388	3004.000	114.388	114.388	3005.000	114.388	114.388	3006.000	114.387	114.387
3007.000	114.387	114.387	3008.000	114.387	114.387	3009.000	114.387	114.387	3010.000	114.387	114.387
3011.000	114.387	114.387	3012.000	114.387	114.387	3013.000	114.387	114.387	3014.000	114.387	114.387
3015.000	114.387	114.387	3016.000	114.387	114.387	3017.000	114.387	114.387	3018.000	114.387	114.387
3019.000	114.387	114.387	3020.000	114.387	114.387	3021.000	114.387	114.387	3022.000	114.386	114.386
3023.000	114.385	114.385	3024.000	114.385	114.385	3025.000	114.384	114.384	3026.000	114.383	114.383
3027.000	114.383	114.383	3028.000	114.382	114.382	3029.000	114.381	114.381	3030.000	114.381	114.381
3031.000	114.380	114.380	3032.000	114.379	114.379	3033.000	114.378	114.378	3034.000	114.378	114.378

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3035.000	114.377	114.377	3036.000	114.376	114.376	3037.000	114.376	114.376	3038.000	114.375	114.375
3039.000	114.374	114.374	3040.000	114.373	114.373	3041.000	114.373	114.373	3042.000	114.372	114.372
3043.000	114.371	114.371	3044.000	114.371	114.371	3045.000	114.370	114.370	3046.000	114.369	114.369
3047.000	114.369	114.369	3048.000	114.368	114.368	3049.000	114.367	114.367	3050.000	114.366	114.366
3051.000	114.366	114.366	3052.000	114.365	114.365	3053.000	114.364	114.364	3054.000	114.364	114.364
3055.000	114.363	114.363	3056.000	114.362	114.362	3057.000	114.361	114.361	3058.000	114.361	114.361
3059.000	114.360	114.360	3060.000	114.359	114.359	3061.000	114.359	114.359	3062.000	114.358	114.358
3063.000	114.357	114.357	3064.000	114.356	114.356	3065.000	114.356	114.356	3066.000	114.355	114.355
3067.000	114.354	114.354	3068.000	114.354	114.354	3069.000	114.353	114.353	3070.000	114.352	114.352
3071.000	114.352	114.352	3072.000	114.351	114.351	3073.000	114.350	114.350	3074.000	114.349	114.349
3075.000	114.349	114.349	3076.000	114.348	114.348	3077.000	114.347	114.347	3078.000	114.347	114.347
3079.000	114.346	114.346	3080.000	114.345	114.345	3081.000	114.344	114.344	3082.000	114.344	114.344
3083.000	114.343	114.343	3084.000	114.342	114.342	3085.000	114.342	114.342	3086.000	114.341	114.341
3087.000	114.340	114.340	3088.000	114.339	114.339	3089.000	114.339	114.339	3090.000	114.338	114.338
3091.000	114.337	114.337	3092.000	114.337	114.337	3093.000	114.336	114.336	3094.000	114.335	114.335
3095.000	114.334	114.334	3096.000	114.334	114.334	3097.000	114.333	114.333	3098.000	114.332	114.332
3099.000	114.332	114.332	3100.000	114.331	114.331	3101.000	114.330	114.330	3102.000	114.329	114.329
3103.000	114.329	114.329	3104.000	114.328	114.328	3105.000	114.327	114.327	3106.000	114.327	114.327
3107.000	114.326	114.326	3108.000	114.325	114.325	3109.000	114.325	114.325	3110.000	114.324	114.324
3111.000	114.323	114.323	3112.000	114.322	114.322	3113.000	114.322	114.322	3114.000	114.321	114.321
3115.000	114.320	114.320	3116.000	114.320	114.320	3117.000	114.319	114.319	3118.000	114.318	114.318
3119.000	114.317	114.317	3120.000	114.317	114.317	3121.000	114.316	114.316	3122.000	114.315	114.315
3123.000	114.315	114.315	3124.000	114.314	114.314	3125.000	114.313	114.313	3126.000	114.312	114.312
3127.000	114.312	114.312	3128.000	114.311	114.311	3129.000	114.310	114.310	3130.000	114.310	114.310
3131.000	114.309	114.309	3132.000	114.308	114.308	3133.000	114.307	114.307	3134.000	114.307	114.307
3135.000	114.306	114.306	3136.000	114.305	114.305	3137.000	114.305	114.305	3138.000	114.304	114.304
3139.000	114.303	114.303	3140.000	114.302	114.302	3141.000	114.302	114.302	3142.000	114.301	114.301
3143.000	114.300	114.300	3144.000	114.300	114.300	3145.000	114.299	114.299	3146.000	114.298	114.298
3147.000	114.297	114.297	3148.000	114.297	114.297	3149.000	114.296	114.296	3150.000	114.295	114.295
3151.000	114.295	114.295	3152.000	114.294	114.294	3153.000	114.293	114.293	3154.000	114.292	114.292
3155.000	114.292	114.292	3156.000	114.291	114.291	3157.000	114.290	114.290	3158.000	114.290	114.290
3159.000	114.289	114.289	3160.000	114.288	114.288	3161.000	114.287	114.287	3162.000	114.287	114.287
3163.000	114.286	114.286	3164.000	114.285	114.285	3165.000	114.285	114.285	3166.000	114.284	114.284
3167.000	114.283	114.283	3168.000	114.282	114.282	3169.000	114.282	114.282	3170.000	114.281	114.281
3171.000	114.280	114.280	3172.000	114.279	114.279	3173.000	114.279	114.279	3174.000	114.278	114.278
3175.000	114.277	114.277	3176.000	114.277	114.277	3177.000	114.276	114.276	3178.000	114.275	114.275
3179.000	114.274	114.274	3180.000	114.274	114.274	3181.000	114.273	114.273	3182.000	114.272	114.272

Project: Clinton Flex Study  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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Revision: Base  
Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3183.000	114.272	114.272	3184.000	114.271	114.271	3185.000	114.270	114.270	3186.000	114.269	114.269
3187.000	114.269	114.269	3188.000	114.268	114.268	3189.000	114.267	114.267	3190.000	114.267	114.267
3191.000	114.266	114.266	3192.000	114.265	114.265	3193.000	114.264	114.264	3194.000	114.264	114.264
3195.000	114.263	114.263	3196.000	114.262	114.262	3197.000	114.262	114.262	3198.000	114.261	114.261
3199.000	114.260	114.260	3200.000	114.259	114.259	3201.000	114.259	114.259	3202.000	114.258	114.258
3203.000	114.257	114.257	3204.000	114.257	114.257	3205.000	114.256	114.256	3206.000	114.255	114.255
3207.000	114.254	114.254	3208.000	114.254	114.254	3209.000	114.253	114.253	3210.000	114.252	114.252
3211.000	114.251	114.251	3212.000	114.251	114.251	3213.000	114.250	114.250	3214.000	114.249	114.249
3215.000	114.249	114.249	3216.000	114.248	114.248	3217.000	114.247	114.247	3218.000	114.246	114.246
3219.000	114.246	114.246	3220.000	114.246	114.246	3221.000	114.246	114.246	3222.000	114.246	114.246
3223.000	114.246	114.246	3224.000	114.246	114.246	3225.000	114.246	114.246	3226.000	114.246	114.246
3227.000	114.246	114.246	3228.000	114.246	114.246	3229.000	114.246	114.246	3230.000	114.246	114.246
3231.000	114.246	114.246	3232.000	114.246	114.246	3233.000	114.246	114.246	3234.000	114.246	114.246
3235.000	114.246	114.246	3236.000	114.246	114.246	3237.000	114.246	114.246	3238.000	114.246	114.246
3239.000	114.246	114.246	3240.000	114.246	114.246	3241.000	114.246	114.246	3242.000	114.246	114.246
3243.000	114.246	114.246	3244.000	114.246	114.246	3245.000	114.246	114.246	3246.000	114.246	114.246
3247.000	114.246	114.246	3248.000	114.246	114.246	3249.000	114.246	114.246	3250.000	114.246	114.246
3251.000	114.246	114.246	3252.000	114.246	114.246	3253.000	114.246	114.246	3254.000	114.246	114.246
3255.000	114.246	114.246	3256.000	114.246	114.246	3257.000	114.246	114.246	3258.000	114.246	114.246
3259.000	114.246	114.246	3260.000	114.247	114.247	3261.000	114.247	114.247	3262.000	114.247	114.247
3263.000	114.247	114.247	3264.000	114.247	114.247	3265.000	114.247	114.247	3266.000	114.247	114.247
3267.000	114.247	114.247	3268.000	114.247	114.247	3269.000	114.247	114.247	3270.000	114.247	114.247
3271.000	114.247	114.247	3272.000	114.247	114.247	3273.000	114.247	114.247	3274.000	114.247	114.247
3275.000	114.247	114.247	3276.000	114.247	114.247	3277.000	114.247	114.247	3278.000	114.247	114.247
3279.000	114.247	114.247	3280.000	114.247	114.247	3281.000	114.247	114.247	3282.000	114.247	114.247
3283.000	114.247	114.247	3284.000	114.247	114.247	3285.000	114.247	114.247	3286.000	114.247	114.247
3287.000	114.247	114.247	3288.000	114.247	114.247	3289.000	114.247	114.247	3290.000	114.247	114.247
3291.000	114.247	114.247	3292.000	114.247	114.247	3293.000	114.247	114.247	3294.000	114.247	114.247
3295.000	114.247	114.247	3296.000	114.247	114.247	3297.000	114.247	114.247	3298.000	114.247	114.247
3299.000	114.248	114.248	3300.000	114.248	114.248	3301.000	114.248	114.248	3302.000	114.248	114.248
3303.000	114.248	114.248	3304.000	114.248	114.248	3305.000	114.248	114.248	3306.000	114.248	114.248
3307.000	114.248	114.248	3308.000	114.248	114.248	3309.000	114.248	114.248	3310.000	114.248	114.248
3311.000	114.248	114.248	3312.000	114.248	114.248	3313.000	114.248	114.248	3314.000	114.248	114.248
3315.000	114.248	114.248	3316.000	114.248	114.248	3317.000	114.248	114.248	3318.000	114.248	114.248
3319.000	114.248	114.248	3320.000	114.248	114.248	3321.000	114.248	114.248	3322.000	114.248	114.248
3323.000	114.248	114.248	3324.000	114.248	114.248	3325.000	114.248	114.248	3326.000	114.248	114.248
3327.000	114.248	114.248	3328.000	114.248	114.248	3329.000	114.248	114.248	3330.000	114.248	114.248

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Revision: Base

Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3331.000	114.248	114.248	3332.000	114.248	114.248	3333.000	114.248	114.248	3334.000	114.248	114.248
3335.000	114.248	114.248	3336.000	114.248	114.248	3337.000	114.249	114.249	3338.000	114.249	114.249
3339.000	114.249	114.249	3340.000	114.249	114.249	3341.000	114.249	114.249	3342.000	114.249	114.249
3343.000	114.249	114.249	3344.000	114.249	114.249	3345.000	114.249	114.249	3346.000	114.249	114.249
3347.000	114.249	114.249	3348.000	114.249	114.249	3349.000	114.249	114.249	3350.000	114.249	114.249
3351.000	114.249	114.249	3352.000	114.249	114.249	3353.000	114.249	114.249	3354.000	114.249	114.249
3355.000	114.249	114.249	3356.000	114.249	114.249	3357.000	114.249	114.249	3358.000	114.249	114.249
3359.000	114.249	114.249	3360.000	114.249	114.249	3361.000	114.249	114.249	3362.000	114.249	114.249
3363.000	114.249	114.249	3364.000	114.249	114.249	3365.000	114.249	114.249	3366.000	114.249	114.249
3367.000	114.249	114.249	3368.000	114.249	114.249	3369.000	114.249	114.249	3370.000	114.249	114.249
3371.000	114.249	114.249	3372.000	114.250	114.250	3373.000	114.250	114.250	3374.000	114.250	114.250
3375.000	114.250	114.250	3376.000	114.250	114.250	3377.000	114.250	114.250	3378.000	114.250	114.250
3379.000	114.250	114.250	3380.000	114.250	114.250	3381.000	114.250	114.250	3382.000	114.250	114.250
3383.000	114.250	114.250	3384.000	114.250	114.250	3385.000	114.250	114.250	3386.000	114.250	114.250
3387.000	114.250	114.250	3388.000	114.250	114.250	3389.000	114.250	114.250	3390.000	114.250	114.250
3391.000	114.250	114.250	3392.000	114.250	114.250	3393.000	114.250	114.250	3394.000	114.250	114.250
3395.000	114.250	114.250	3396.000	114.250	114.250	3397.000	114.250	114.250	3398.000	114.250	114.250
3399.000	114.250	114.250	3400.000	114.250	114.250	3401.000	114.250	114.250	3402.000	114.250	114.250
3403.000	114.250	114.250	3404.000	114.250	114.250	3405.000	114.251	114.251	3406.000	114.251	114.251
3407.000	114.251	114.251	3408.000	114.251	114.251	3409.000	114.251	114.251	3410.000	114.251	114.251
3411.000	114.251	114.251	3412.000	114.251	114.251	3413.000	114.251	114.251	3414.000	114.251	114.251
3415.000	114.251	114.251	3416.000	114.251	114.251	3417.000	114.251	114.251	3418.000	114.251	114.251
3419.000	114.251	114.251	3420.000	114.251	114.251	3421.000	114.251	114.251	3422.000	114.251	114.251
3423.000	114.251	114.251	3424.000	114.251	114.251	3425.000	114.251	114.251	3426.000	114.251	114.251
3427.000	114.251	114.251	3428.000	114.251	114.251	3429.000	114.251	114.251	3430.000	114.251	114.251
3431.000	114.251	114.251	3432.000	114.251	114.251	3433.000	114.251	114.251	3434.000	114.251	114.251
3435.000	114.251	114.251	3436.000	114.251	114.251	3437.000	114.252	114.252	3438.000	114.252	114.252
3439.000	114.252	114.252	3440.000	114.252	114.252	3441.000	114.252	114.252	3442.000	114.252	114.252
3443.000	114.252	114.252	3444.000	114.252	114.252	3445.000	114.252	114.252	3446.000	114.252	114.252
3447.000	114.252	114.252	3448.000	114.252	114.252	3449.000	114.252	114.252	3450.000	114.252	114.252
3451.000	114.252	114.252	3452.000	114.252	114.252	3453.000	114.252	114.252	3454.000	114.252	114.252
3455.000	114.252	114.252	3456.000	114.252	114.252	3457.000	114.252	114.252	3458.000	114.252	114.252
3459.000	114.252	114.252	3460.000	114.252	114.252	3461.000	114.252	114.252	3462.000	114.252	114.252
3463.000	114.252	114.252	3464.000	114.252	114.252	3465.000	114.252	114.252	3466.000	114.252	114.252
3467.000	114.253	114.253	3468.000	114.253	114.253	3469.000	114.253	114.253	3470.000	114.253	114.253
3471.000	114.253	114.253	3472.000	114.253	114.253	3473.000	114.253	114.253	3474.000	114.253	114.253
3475.000	114.253	114.253	3476.000	114.253	114.253	3477.000	114.253	114.253	3478.000	114.253	114.253

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3479.000	114.253	114.253	3480.000	114.253	114.253	3481.000	114.253	114.253	3482.000	114.253	114.253
3483.000	114.253	114.253	3484.000	114.253	114.253	3485.000	114.253	114.253	3486.000	114.253	114.253
3487.000	114.253	114.253	3488.000	114.253	114.253	3489.000	114.253	114.253	3490.000	114.253	114.253
3491.000	114.253	114.253	3492.000	114.253	114.253	3493.000	114.253	114.253	3494.000	114.253	114.253
3495.000	114.253	114.253	3496.000	114.254	114.254	3497.000	114.254	114.254	3498.000	114.254	114.254
3499.000	114.254	114.254	3500.000	114.254	114.254	3501.000	114.254	114.254	3502.000	114.254	114.254
3503.000	114.254	114.254	3504.000	114.254	114.254	3505.000	114.254	114.254	3506.000	114.254	114.254
3507.000	114.254	114.254	3508.000	114.254	114.254	3509.000	114.254	114.254	3510.000	114.254	114.254
3511.000	114.254	114.254	3512.000	114.254	114.254	3513.000	114.254	114.254	3514.000	114.255	114.255
3515.000	114.255	114.255	3516.000	114.255	114.255	3517.000	114.255	114.255	3518.000	114.256	114.256
3519.000	114.256	114.256	3520.000	114.256	114.256	3521.000	114.256	114.256	3522.000	114.256	114.256
3523.000	114.257	114.257	3524.000	114.256	114.256	3525.000	114.256	114.256	3526.000	114.255	114.255
3527.000	114.254	114.254	3528.000	114.253	114.253	3529.000	114.252	114.252	3530.000	114.252	114.252
3531.000	114.251	114.251	3532.000	114.250	114.250	3533.000	114.249	114.249	3534.000	114.248	114.248
3535.000	114.248	114.248	3536.000	114.247	114.247	3537.000	114.246	114.246	3538.000	114.245	114.245
3539.000	114.244	114.244	3540.000	114.244	114.244	3541.000	114.243	114.243	3542.000	114.242	114.242
3543.000	114.241	114.241	3544.000	114.240	114.240	3545.000	114.240	114.240	3546.000	114.239	114.239
3547.000	114.238	114.238	3548.000	114.237	114.237	3549.000	114.236	114.236	3550.000	114.236	114.236
3551.000	114.235	114.235	3552.000	114.234	114.234	3553.000	114.233	114.233	3554.000	114.232	114.232
3555.000	114.232	114.232	3556.000	114.231	114.231	3557.000	114.230	114.230	3558.000	114.229	114.229
3559.000	114.228	114.228	3560.000	114.228	114.228	3561.000	114.227	114.227	3562.000	114.226	114.226
3563.000	114.225	114.225	3564.000	114.224	114.224	3565.000	114.224	114.224	3566.000	114.223	114.223
3567.000	114.222	114.222	3568.000	114.221	114.221	3569.000	114.220	114.220	3570.000	114.220	114.220
3571.000	114.219	114.219	3572.000	114.218	114.218	3573.000	114.217	114.217	3574.000	114.216	114.216
3575.000	114.216	114.216	3576.000	114.215	114.215	3577.000	114.214	114.214	3578.000	114.213	114.213
3579.000	114.212	114.212	3580.000	114.212	114.212	3581.000	114.211	114.211	3582.000	114.210	114.210
3583.000	114.209	114.209	3584.000	114.208	114.208	3585.000	114.208	114.208	3586.000	114.207	114.207
3587.000	114.206	114.206	3588.000	114.205	114.205	3589.000	114.204	114.204	3590.000	114.203	114.203
3591.000	114.203	114.203	3592.000	114.202	114.202	3593.000	114.201	114.201	3594.000	114.200	114.200
3595.000	114.199	114.199	3596.000	114.199	114.199	3597.000	114.198	114.198	3598.000	114.197	114.197
3599.000	114.196	114.196	3600.000	114.195	114.195	3601.000	114.195	114.195	3602.000	114.194	114.194
3603.000	114.193	114.193	3604.000	114.192	114.192	3605.000	114.191	114.191	3606.000	114.191	114.191
3607.000	114.190	114.190	3608.000	114.189	114.189	3609.000	114.188	114.188	3610.000	114.187	114.187
3611.000	114.187	114.187	3612.000	114.186	114.186	3613.000	114.185	114.185	3614.000	114.184	114.184
3615.000	114.183	114.183	3616.000	114.183	114.183	3617.000	114.182	114.182	3618.000	114.181	114.181
3619.000	114.180	114.180	3620.000	114.179	114.179	3621.000	114.179	114.179	3622.000	114.178	114.178
3623.000	114.177	114.177	3624.000	114.176	114.176	3625.000	114.175	114.175	3626.000	114.175	114.175

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

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DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3627.000	114.174	114.174	3628.000	114.173	114.173	3629.000	114.172	114.172	3630.000	114.171	114.171
3631.000	114.171	114.171	3632.000	114.170	114.170	3633.000	114.169	114.169	3634.000	114.168	114.168
3635.000	114.167	114.167	3636.000	114.166	114.166	3637.000	114.166	114.166	3638.000	114.165	114.165
3639.000	114.164	114.164	3640.000	114.163	114.163	3641.000	114.162	114.162	3642.000	114.162	114.162
3643.000	114.161	114.161	3644.000	114.160	114.160	3645.000	114.159	114.159	3646.000	114.158	114.158
3647.000	114.158	114.158	3648.000	114.157	114.157	3649.000	114.156	114.156	3650.000	114.155	114.155
3651.000	114.154	114.154	3652.000	114.154	114.154	3653.000	114.153	114.153	3654.000	114.152	114.152
3655.000	114.151	114.151	3656.000	114.150	114.150	3657.000	114.150	114.150	3658.000	114.149	114.149
3659.000	114.148	114.148	3660.000	114.147	114.147	3661.000	114.146	114.146	3662.000	114.145	114.145
3663.000	114.145	114.145	3664.000	114.144	114.144	3665.000	114.143	114.143	3666.000	114.142	114.142
3667.000	114.141	114.141	3668.000	114.141	114.141	3669.000	114.140	114.140	3670.000	114.139	114.139
3671.000	114.138	114.138	3672.000	114.137	114.137	3673.000	114.137	114.137	3674.000	114.136	114.136
3675.000	114.135	114.135	3676.000	114.134	114.134	3677.000	114.133	114.133	3678.000	114.133	114.133
3679.000	114.132	114.132	3680.000	114.131	114.131	3681.000	114.130	114.130	3682.000	114.129	114.129
3683.000	114.129	114.129	3684.000	114.128	114.128	3685.000	114.127	114.127	3686.000	114.126	114.126
3687.000	114.125	114.125	3688.000	114.124	114.124	3689.000	114.124	114.124	3690.000	114.123	114.123
3691.000	114.122	114.122	3692.000	114.121	114.121	3693.000	114.120	114.120	3694.000	114.120	114.120
3695.000	114.119	114.119	3696.000	114.118	114.118	3697.000	114.117	114.117	3698.000	114.116	114.116
3699.000	114.116	114.116	3700.000	114.115	114.115	3701.000	114.114	114.114	3702.000	114.113	114.113
3703.000	114.112	114.112	3704.000	114.111	114.111	3705.000	114.111	114.111	3706.000	114.110	114.110
3707.000	114.109	114.109	3708.000	114.108	114.108	3709.000	114.107	114.107	3710.000	114.107	114.107
3711.000	114.106	114.106	3712.000	114.105	114.105	3713.000	114.104	114.104	3714.000	114.103	114.103
3715.000	114.103	114.103	3716.000	114.102	114.102	3717.000	114.101	114.101	3718.000	114.100	114.100
3719.000	114.099	114.099	3720.000	114.099	114.099	3721.000	114.098	114.098	3722.000	114.097	114.097
3723.000	114.096	114.096	3724.000	114.095	114.095	3725.000	114.094	114.094	3726.000	114.094	114.094
3727.000	114.093	114.093	3728.000	114.092	114.092	3729.000	114.091	114.091	3730.000	114.090	114.090
3731.000	114.090	114.090	3732.000	114.089	114.089	3733.000	114.088	114.088	3734.000	114.087	114.087
3735.000	114.086	114.086	3736.000	114.086	114.086	3737.000	114.085	114.085	3738.000	114.084	114.084
3739.000	114.083	114.083	3740.000	114.082	114.082	3741.000	114.081	114.081	3742.000	114.081	114.081
3743.000	114.080	114.080	3744.000	114.079	114.079	3745.000	114.078	114.078	3746.000	114.077	114.077
3747.000	114.077	114.077	3748.000	114.076	114.076	3749.000	114.075	114.075	3750.000	114.074	114.074
3751.000	114.073	114.073	3752.000	114.072	114.072	3753.000	114.072	114.072	3754.000	114.071	114.071
3755.000	114.070	114.070	3756.000	114.069	114.069	3757.000	114.068	114.068	3758.000	114.068	114.068
3759.000	114.067	114.067	3760.000	114.066	114.066	3761.000	114.065	114.065	3762.000	114.064	114.064
3763.000	114.064	114.064	3764.000	114.063	114.063	3765.000	114.062	114.062	3766.000	114.061	114.061
3767.000	114.060	114.060	3768.000	114.059	114.059	3769.000	114.059	114.059	3770.000	114.058	114.058
3771.000	114.057	114.057	3772.000	114.056	114.056	3773.000	114.055	114.055	3774.000	114.055	114.055

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3775.000	114.054	114.054	3776.000	114.053	114.053	3777.000	114.052	114.052	3778.000	114.051	114.051
3779.000	114.050	114.050	3780.000	114.050	114.050	3781.000	114.049	114.049	3782.000	114.048	114.048
3783.000	114.047	114.047	3784.000	114.046	114.046	3785.000	114.046	114.046	3786.000	114.045	114.045
3787.000	114.044	114.044	3788.000	114.043	114.043	3789.000	114.042	114.042	3790.000	114.041	114.041
3791.000	114.041	114.041	3792.000	114.040	114.040	3793.000	114.039	114.039	3794.000	114.038	114.038
3795.000	114.037	114.037	3796.000	114.037	114.037	3797.000	114.036	114.036	3798.000	114.035	114.035
3799.000	114.034	114.034	3800.000	114.033	114.033	3801.000	114.032	114.032	3802.000	114.032	114.032
3803.000	114.031	114.031	3804.000	114.030	114.030	3805.000	114.029	114.029	3806.000	114.028	114.028
3807.000	114.028	114.028	3808.000	114.027	114.027	3809.000	114.026	114.026	3810.000	114.025	114.025
3811.000	114.024	114.024	3812.000	114.023	114.023	3813.000	114.023	114.023	3814.000	114.022	114.022
3815.000	114.021	114.021	3816.000	114.020	114.020	3817.000	114.019	114.019	3818.000	114.019	114.019
3819.000	114.018	114.018	3820.000	114.017	114.017	3821.000	114.016	114.016	3822.000	114.015	114.015
3823.000	114.014	114.014	3824.000	114.014	114.014	3825.000	114.013	114.013	3826.000	114.012	114.012
3827.000	114.011	114.011	3828.000	114.010	114.010	3829.000	114.010	114.010	3830.000	114.009	114.009
3831.000	114.008	114.008	3832.000	114.007	114.007	3833.000	114.006	114.006	3834.000	114.005	114.005
3835.000	114.005	114.005	3836.000	114.004	114.004	3837.000	114.003	114.003	3838.000	114.002	114.002
3839.000	114.001	114.001	3840.000	114.001	114.001	3841.000	114.000	114.000	3842.000	113.999	113.999
3843.000	113.998	113.998	3844.000	113.998	113.998	3845.000	113.998	113.998	3846.000	113.997	113.997
3847.000	113.997	113.997	3848.000	113.997	113.997	3849.000	113.996	113.996	3850.000	113.996	113.996
3851.000	113.996	113.996	3852.000	113.996	113.996	3853.000	113.995	113.995	3854.000	113.995	113.995
3855.000	113.995	113.995	3856.000	113.994	113.994	3857.000	113.994	113.994	3858.000	113.994	113.994
3859.000	113.994	113.994	3860.000	113.993	113.993	3861.000	113.993	113.993	3862.000	113.993	113.993
3863.000	113.993	113.993	3864.000	113.992	113.992	3865.000	113.992	113.992	3866.000	113.992	113.992
3867.000	113.991	113.991	3868.000	113.991	113.991	3869.000	113.991	113.991	3870.000	113.991	113.991
3871.000	113.990	113.990	3872.000	113.990	113.990	3873.000	113.990	113.990	3874.000	113.989	113.989
3875.000	113.989	113.989	3876.000	113.989	113.989	3877.000	113.989	113.989	3878.000	113.988	113.988
3879.000	113.988	113.988	3880.000	113.988	113.988	3881.000	113.988	113.988	3882.000	113.987	113.987
3883.000	113.987	113.987	3884.000	113.987	113.987	3885.000	113.986	113.986	3886.000	113.986	113.986
3887.000	113.986	113.986	3888.000	113.986	113.986	3889.000	113.985	113.985	3890.000	113.985	113.985
3891.000	113.985	113.985	3892.000	113.984	113.984	3893.000	113.984	113.984	3894.000	113.984	113.984
3895.000	113.984	113.984	3896.000	113.983	113.983	3897.000	113.983	113.983	3898.000	113.983	113.983
3899.000	113.982	113.982	3900.000	113.982	113.982	3901.000	113.982	113.982	3902.000	113.982	113.982
3903.000	113.981	113.981	3904.000	113.981	113.981	3905.000	113.981	113.981	3906.000	113.981	113.981
3907.000	113.980	113.980	3908.000	113.980	113.980	3909.000	113.980	113.980	3910.000	113.979	113.979
3911.000	113.979	113.979	3912.000	113.979	113.979	3913.000	113.979	113.979	3914.000	113.978	113.978
3915.000	113.978	113.978	3916.000	113.978	113.978	3917.000	113.977	113.977	3918.000	113.977	113.977
3919.000	113.977	113.977	3920.000	113.977	113.977	3921.000	113.976	113.976	3922.000	113.976	113.976

Project: Clinton Flex Study  
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Contract:  
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Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
3923.000	113.976	113.976	3924.000	113.975	113.975	3925.000	113.975	113.975	3926.000	113.975	113.975
3927.000	113.975	113.975	3928.000	113.974	113.974	3929.000	113.974	113.974	3930.000	113.974	113.974
3931.000	113.973	113.973	3932.000	113.973	113.973	3933.000	113.973	113.973	3934.000	113.973	113.973
3935.000	113.972	113.972	3936.000	113.972	113.972	3937.000	113.972	113.972	3938.000	113.971	113.971
3939.000	113.971	113.971	3940.000	113.971	113.971	3941.000	113.971	113.971	3942.000	113.970	113.970
3943.000	113.970	113.970	3944.000	113.970	113.970	3945.000	113.969	113.969	3946.000	113.969	113.969
3947.000	113.969	113.969	3948.000	113.969	113.969	3949.000	113.968	113.968	3950.000	113.968	113.968
3951.000	113.968	113.968	3952.000	113.967	113.967	3953.000	113.967	113.967	3954.000	113.967	113.967
3955.000	113.967	113.967	3956.000	113.966	113.966	3957.000	113.966	113.966	3958.000	113.966	113.966
3959.000	113.965	113.965	3960.000	113.965	113.965	3961.000	113.965	113.965	3962.000	113.965	113.965
3963.000	113.964	113.964	3964.000	113.964	113.964	3965.000	113.964	113.964	3966.000	113.963	113.963
3967.000	113.963	113.963	3968.000	113.963	113.963	3969.000	113.963	113.963	3970.000	113.962	113.962
3971.000	113.962	113.962	3972.000	113.962	113.962	3973.000	113.961	113.961	3974.000	113.961	113.961
3975.000	113.961	113.961	3976.000	113.961	113.961	3977.000	113.960	113.960	3978.000	113.960	113.960
3979.000	113.960	113.960	3980.000	113.959	113.959	3981.000	113.959	113.959	3982.000	113.959	113.959
3983.000	113.958	113.958	3984.000	113.958	113.958	3985.000	113.958	113.958	3986.000	113.958	113.958
3987.000	113.957	113.957	3988.000	113.957	113.957	3989.000	113.957	113.957	3990.000	113.956	113.956
3991.000	113.956	113.956	3992.000	113.956	113.956	3993.000	113.956	113.956	3994.000	113.955	113.955
3995.000	113.955	113.955	3996.000	113.955	113.955	3997.000	113.954	113.954	3998.000	113.954	113.954
3999.000	113.954	113.954	4000.000	113.954	113.954	4001.000	113.953	113.953	4002.000	113.953	113.953
4003.000	113.953	113.953	4004.000	113.952	113.952	4005.000	113.952	113.952	4006.000	113.952	113.952
4007.000	113.951	113.951	4008.000	113.951	113.951	4009.000	113.951	113.951	4010.000	113.951	113.951
4011.000	113.950	113.950	4012.000	113.950	113.950	4013.000	113.950	113.950	4014.000	113.949	113.949
4015.000	113.949	113.949	4016.000	113.949	113.949	4017.000	113.949	113.949	4018.000	113.948	113.948
4019.000	113.948	113.948	4020.000	113.948	113.948	4021.000	113.947	113.947	4022.000	113.947	113.947
4023.000	113.947	113.947	4024.000	113.946	113.946	4025.000	113.946	113.946	4026.000	113.946	113.946
4027.000	113.945	113.945	4028.000	113.945	113.945	4029.000	113.945	113.945	4030.000	113.944	113.944
4031.000	113.944	113.944	4032.000	113.944	113.944	4033.000	113.943	113.943	4034.000	113.943	113.943
4035.000	113.943	113.943	4036.000	113.942	113.942	4037.000	113.942	113.942	4038.000	113.942	113.942
4039.000	113.941	113.941	4040.000	113.941	113.941	4041.000	113.941	113.941	4042.000	113.940	113.940
4043.000	113.940	113.940	4044.000	113.940	113.940	4045.000	113.939	113.939	4046.000	113.939	113.939
4047.000	113.939	113.939	4048.000	113.938	113.938	4049.000	113.938	113.938	4050.000	113.938	113.938
4051.000	113.937	113.937	4052.000	113.937	113.937	4053.000	113.937	113.937	4054.000	113.936	113.936
4055.000	113.936	113.936	4056.000	113.936	113.936	4057.000	113.935	113.935	4058.000	113.935	113.935
4059.000	113.935	113.935	4060.000	113.934	113.934	4061.000	113.934	113.934	4062.000	113.934	113.934
4063.000	113.933	113.933	4064.000	113.933	113.933	4065.000	113.933	113.933	4066.000	113.932	113.932
4067.000	113.932	113.932	4068.000	113.932	113.932	4069.000	113.931	113.931	4070.000	113.931	113.931

Project: Clinton Flex Study  
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Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4071.000	113.931	113.931	4072.000	113.930	113.930	4073.000	113.930	113.930	4074.000	113.930	113.930
4075.000	113.929	113.929	4076.000	113.929	113.929	4077.000	113.929	113.929	4078.000	113.928	113.928
4079.000	113.928	113.928	4080.000	113.928	113.928	4081.000	113.927	113.927	4082.000	113.927	113.927
4083.000	113.927	113.927	4084.000	113.926	113.926	4085.000	113.926	113.926	4086.000	113.926	113.926
4087.000	113.925	113.925	4088.000	113.925	113.925	4089.000	113.925	113.925	4090.000	113.924	113.924
4091.000	113.924	113.924	4092.000	113.924	113.924	4093.000	113.923	113.923	4094.000	113.923	113.923
4095.000	113.923	113.923	4096.000	113.922	113.922	4097.000	113.922	113.922	4098.000	113.922	113.922
4099.000	113.921	113.921	4100.000	113.921	113.921	4101.000	113.921	113.921	4102.000	113.920	113.920
4103.000	113.920	113.920	4104.000	113.920	113.920	4105.000	113.919	113.919	4106.000	113.919	113.919
4107.000	113.918	113.918	4108.000	113.918	113.918	4109.000	113.918	113.918	4110.000	113.917	113.917
4111.000	113.917	113.917	4112.000	113.917	113.917	4113.000	113.916	113.916	4114.000	113.916	113.916
4115.000	113.916	113.916	4116.000	113.915	113.915	4117.000	113.915	113.915	4118.000	113.915	113.915
4119.000	113.914	113.914	4120.000	113.914	113.914	4121.000	113.914	113.914	4122.000	113.913	113.913
4123.000	113.913	113.913	4124.000	113.913	113.913	4125.000	113.912	113.912	4126.000	113.912	113.912
4127.000	113.912	113.912	4128.000	113.911	113.911	4129.000	113.911	113.911	4130.000	113.911	113.911
4131.000	113.910	113.910	4132.000	113.910	113.910	4133.000	113.910	113.910	4134.000	113.909	113.909
4135.000	113.909	113.909	4136.000	113.909	113.909	4137.000	113.908	113.908	4138.000	113.908	113.908
4139.000	113.908	113.908	4140.000	113.907	113.907	4141.000	113.907	113.907	4142.000	113.906	113.906
4143.000	113.906	113.906	4144.000	113.906	113.906	4145.000	113.905	113.905	4146.000	113.905	113.905
4147.000	113.905	113.905	4148.000	113.904	113.904	4149.000	113.904	113.904	4150.000	113.904	113.904
4151.000	113.903	113.903	4152.000	113.903	113.903	4153.000	113.903	113.903	4154.000	113.902	113.902
4155.000	113.902	113.902	4156.000	113.902	113.902	4157.000	113.901	113.901	4158.000	113.901	113.901
4159.000	113.901	113.901	4160.000	113.900	113.900	4161.000	113.900	113.900	4162.000	113.900	113.900
4163.000	113.899	113.899	4164.000	113.899	113.899	4165.000	113.899	113.899	4166.000	113.898	113.898
4167.000	113.898	113.898	4168.000	113.898	113.898	4169.000	113.897	113.897	4170.000	113.897	113.897
4171.000	113.896	113.896	4172.000	113.896	113.896	4173.000	113.896	113.896	4174.000	113.895	113.895
4175.000	113.895	113.895	4176.000	113.895	113.895	4177.000	113.894	113.894	4178.000	113.894	113.894
4179.000	113.894	113.894	4180.000	113.893	113.893	4181.000	113.893	113.893	4182.000	113.893	113.893
4183.000	113.892	113.892	4184.000	113.892	113.892	4185.000	113.892	113.892	4186.000	113.891	113.891
4187.000	113.891	113.891	4188.000	113.891	113.891	4189.000	113.890	113.890	4190.000	113.890	113.890
4191.000	113.889	113.889	4192.000	113.889	113.889	4193.000	113.889	113.889	4194.000	113.888	113.888
4195.000	113.888	113.888	4196.000	113.888	113.888	4197.000	113.887	113.887	4198.000	113.887	113.887
4199.000	113.887	113.887	4200.000	113.886	113.886	4201.000	113.886	113.886	4202.000	113.886	113.886
4203.000	113.885	113.885	4204.000	113.885	113.885	4205.000	113.885	113.885	4206.000	113.884	113.884
4207.000	113.884	113.884	4208.000	113.884	113.884	4209.000	113.883	113.883	4210.000	113.883	113.883
4211.000	113.883	113.883	4212.000	113.883	113.883	4213.000	113.883	113.883	4214.000	113.883	113.883
4215.000	113.882	113.882	4216.000	113.882	113.882	4217.000	113.882	113.882	4218.000	113.882	113.882

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4219.000	113.882	113.882	4220.000	113.882	113.882	4221.000	113.882	113.882	4222.000	113.881	113.881
4223.000	113.881	113.881	4224.000	113.881	113.881	4225.000	113.881	113.881	4226.000	113.881	113.881
4227.000	113.881	113.881	4228.000	113.881	113.881	4229.000	113.880	113.880	4230.000	113.880	113.880
4231.000	113.880	113.880	4232.000	113.880	113.880	4233.000	113.880	113.880	4234.000	113.880	113.880
4235.000	113.880	113.880	4236.000	113.879	113.879	4237.000	113.879	113.879	4238.000	113.879	113.879
4239.000	113.879	113.879	4240.000	113.879	113.879	4241.000	113.879	113.879	4242.000	113.878	113.878
4243.000	113.878	113.878	4244.000	113.878	113.878	4245.000	113.878	113.878	4246.000	113.878	113.878
4247.000	113.878	113.878	4248.000	113.878	113.878	4249.000	113.877	113.877	4250.000	113.877	113.877
4251.000	113.877	113.877	4252.000	113.877	113.877	4253.000	113.877	113.877	4254.000	113.877	113.877
4255.000	113.877	113.877	4256.000	113.876	113.876	4257.000	113.876	113.876	4258.000	113.876	113.876
4259.000	113.876	113.876	4260.000	113.876	113.876	4261.000	113.876	113.876	4262.000	113.876	113.876
4263.000	113.875	113.875	4264.000	113.875	113.875	4265.000	113.875	113.875	4266.000	113.875	113.875
4267.000	113.875	113.875	4268.000	113.875	113.875	4269.000	113.874	113.874	4270.000	113.874	113.874
4271.000	113.874	113.874	4272.000	113.874	113.874	4273.000	113.874	113.874	4274.000	113.874	113.874
4275.000	113.874	113.874	4276.000	113.873	113.873	4277.000	113.873	113.873	4278.000	113.873	113.873
4279.000	113.873	113.873	4280.000	113.873	113.873	4281.000	113.873	113.873	4282.000	113.873	113.873
4283.000	113.872	113.872	4284.000	113.872	113.872	4285.000	113.872	113.872	4286.000	113.872	113.872
4287.000	113.872	113.872	4288.000	113.872	113.872	4289.000	113.871	113.871	4290.000	113.871	113.871
4291.000	113.871	113.871	4292.000	113.871	113.871	4293.000	113.871	113.871	4294.000	113.871	113.871
4295.000	113.871	113.871	4296.000	113.870	113.870	4297.000	113.870	113.870	4298.000	113.870	113.870
4299.000	113.870	113.870	4300.000	113.870	113.870	4301.000	113.870	113.870	4302.000	113.869	113.869
4303.000	113.869	113.869	4304.000	113.869	113.869	4305.000	113.869	113.869	4306.000	113.869	113.869
4307.000	113.869	113.869	4308.000	113.869	113.869	4309.000	113.868	113.868	4310.000	113.868	113.868
4311.000	113.868	113.868	4312.000	113.868	113.868	4313.000	113.868	113.868	4314.000	113.868	113.868
4315.000	113.868	113.868	4316.000	113.867	113.867	4317.000	113.867	113.867	4318.000	113.867	113.867
4319.000	113.867	113.867	4320.000	113.867	113.867	4321.000	113.867	113.867	4322.000	113.866	113.866
4323.000	113.866	113.866	4324.000	113.866	113.866	4325.000	113.866	113.866	4326.000	113.866	113.866
4327.000	113.866	113.866	4328.000	113.866	113.866	4329.000	113.865	113.865	4330.000	113.865	113.865
4331.000	113.865	113.865	4332.000	113.865	113.865	4333.000	113.865	113.865	4334.000	113.865	113.865
4335.000	113.864	113.864	4336.000	113.864	113.864	4337.000	113.864	113.864	4338.000	113.864	113.864
4339.000	113.864	113.864	4340.000	113.864	113.864	4341.000	113.864	113.864	4342.000	113.863	113.863
4343.000	113.863	113.863	4344.000	113.863	113.863	4345.000	113.863	113.863	4346.000	113.863	113.863
4347.000	113.863	113.863	4348.000	113.862	113.862	4349.000	113.862	113.862	4350.000	113.862	113.862
4351.000	113.862	113.862	4352.000	113.862	113.862	4353.000	113.862	113.862	4354.000	113.862	113.862
4355.000	113.861	113.861	4356.000	113.861	113.861	4357.000	113.861	113.861	4358.000	113.861	113.861
4359.000	113.861	113.861	4360.000	113.861	113.861	4361.000	113.860	113.860	4362.000	113.860	113.860
4363.000	113.860	113.860	4364.000	113.860	113.860	4365.000	113.860	113.860	4366.000	113.860	113.860

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4367.000	113.859	113.859	4368.000	113.859	113.859	4369.000	113.859	113.859	4370.000	113.859	113.859
4371.000	113.859	113.859	4372.000	113.859	113.859	4373.000	113.859	113.859	4374.000	113.858	113.858
4375.000	113.858	113.858	4376.000	113.858	113.858	4377.000	113.858	113.858	4378.000	113.858	113.858
4379.000	113.858	113.858	4380.000	113.857	113.857	4381.000	113.857	113.857	4382.000	113.857	113.857
4383.000	113.857	113.857	4384.000	113.857	113.857	4385.000	113.857	113.857	4386.000	113.856	113.856
4387.000	113.856	113.856	4388.000	113.856	113.856	4389.000	113.856	113.856	4390.000	113.856	113.856
4391.000	113.856	113.856	4392.000	113.856	113.856	4393.000	113.855	113.855	4394.000	113.855	113.855
4395.000	113.855	113.855	4396.000	113.855	113.855	4397.000	113.855	113.855	4398.000	113.855	113.855
4399.000	113.854	113.854	4400.000	113.854	113.854	4401.000	113.854	113.854	4402.000	113.854	113.854
4403.000	113.854	113.854	4404.000	113.854	113.854	4405.000	113.853	113.853	4406.000	113.853	113.853
4407.000	113.853	113.853	4408.000	113.853	113.853	4409.000	113.853	113.853	4410.000	113.853	113.853
4411.000	113.853	113.853	4412.000	113.852	113.852	4413.000	113.852	113.852	4414.000	113.852	113.852
4415.000	113.852	113.852	4416.000	113.852	113.852	4417.000	113.852	113.852	4418.000	113.851	113.851
4419.000	113.851	113.851	4420.000	113.851	113.851	4421.000	113.851	113.851	4422.000	113.851	113.851
4423.000	113.851	113.851	4424.000	113.850	113.850	4425.000	113.850	113.850	4426.000	113.850	113.850
4427.000	113.850	113.850	4428.000	113.850	113.850	4429.000	113.850	113.850	4430.000	113.849	113.849
4431.000	113.849	113.849	4432.000	113.849	113.849	4433.000	113.849	113.849	4434.000	113.849	113.849
4435.000	113.849	113.849	4436.000	113.849	113.849	4437.000	113.848	113.848	4438.000	113.848	113.848
4439.000	113.848	113.848	4440.000	113.848	113.848	4441.000	113.848	113.848	4442.000	113.848	113.848
4443.000	113.847	113.847	4444.000	113.847	113.847	4445.000	113.847	113.847	4446.000	113.847	113.847
4447.000	113.847	113.847	4448.000	113.847	113.847	4449.000	113.846	113.846	4450.000	113.846	113.846
4451.000	113.846	113.846	4452.000	113.846	113.846	4453.000	113.846	113.846	4454.000	113.846	113.846
4455.000	113.845	113.845	4456.000	113.845	113.845	4457.000	113.845	113.845	4458.000	113.845	113.845
4459.000	113.845	113.845	4460.000	113.845	113.845	4461.000	113.844	113.844	4462.000	113.844	113.844
4463.000	113.844	113.844	4464.000	113.844	113.844	4465.000	113.844	113.844	4466.000	113.844	113.844
4467.000	113.844	113.844	4468.000	113.843	113.843	4469.000	113.843	113.843	4470.000	113.843	113.843
4471.000	113.843	113.843	4472.000	113.843	113.843	4473.000	113.843	113.843	4474.000	113.842	113.842
4475.000	113.842	113.842	4476.000	113.842	113.842	4477.000	113.842	113.842	4478.000	113.842	113.842
4479.000	113.842	113.842	4480.000	113.841	113.841	4481.000	113.841	113.841	4482.000	113.841	113.841
4483.000	113.841	113.841	4484.000	113.841	113.841	4485.000	113.841	113.841	4486.000	113.840	113.840
4487.000	113.840	113.840	4488.000	113.840	113.840	4489.000	113.840	113.840	4490.000	113.840	113.840
4491.000	113.840	113.840	4492.000	113.839	113.839	4493.000	113.839	113.839	4494.000	113.839	113.839
4495.000	113.839	113.839	4496.000	113.839	113.839	4497.000	113.839	113.839	4498.000	113.838	113.838
4499.000	113.838	113.838	4500.000	113.838	113.838	4501.000	113.838	113.838	4502.000	113.838	113.838
4503.000	113.838	113.838	4504.000	113.837	113.837	4505.000	113.837	113.837	4506.000	113.837	113.837
4507.000	113.837	113.837	4508.000	113.837	113.837	4509.000	113.837	113.837	4510.000	113.836	113.836
4511.000	113.836	113.836	4512.000	113.836	113.836	4513.000	113.836	113.836	4514.000	113.836	113.836

Project: Clinton Flex Study  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

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DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4515.000	113.836	113.836	4516.000	113.835	113.835	4517.000	113.835	113.835	4518.000	113.835	113.835
4519.000	113.835	113.835	4520.000	113.835	113.835	4521.000	113.835	113.835	4522.000	113.834	113.834
4523.000	113.834	113.834	4524.000	113.834	113.834	4525.000	113.834	113.834	4526.000	113.834	113.834
4527.000	113.834	113.834	4528.000	113.833	113.833	4529.000	113.833	113.833	4530.000	113.833	113.833
4531.000	113.833	113.833	4532.000	113.833	113.833	4533.000	113.833	113.833	4534.000	113.832	113.832
4535.000	113.832	113.832	4536.000	113.832	113.832	4537.000	113.832	113.832	4538.000	113.832	113.832
4539.000	113.832	113.832	4540.000	113.831	113.831	4541.000	113.831	113.831	4542.000	113.831	113.831
4543.000	113.831	113.831	4544.000	113.831	113.831	4545.000	113.831	113.831	4546.000	113.830	113.830
4547.000	113.830	113.830	4548.000	113.830	113.830	4549.000	113.830	113.830	4550.000	113.830	113.830
4551.000	113.830	113.830	4552.000	113.829	113.829	4553.000	113.829	113.829	4554.000	113.829	113.829
4555.000	113.829	113.829	4556.000	113.829	113.829	4557.000	113.829	113.829	4558.000	113.828	113.828
4559.000	113.828	113.828	4560.000	113.828	113.828	4561.000	113.828	113.828	4562.000	113.828	113.828
4563.000	113.827	113.827	4564.000	113.827	113.827	4565.000	113.827	113.827	4566.000	113.827	113.827
4567.000	113.827	113.827	4568.000	113.827	113.827	4569.000	113.826	113.826	4570.000	113.826	113.826
4571.000	113.826	113.826	4572.000	113.826	113.826	4573.000	113.826	113.826	4574.000	113.826	113.826
4575.000	113.825	113.825	4576.000	113.825	113.825	4577.000	113.824	113.824	4578.000	113.824	113.824
4579.000	113.824	113.824	4580.000	113.823	113.823	4581.000	113.823	113.823	4582.000	113.823	113.823
4583.000	113.822	113.822	4584.000	113.822	113.822	4585.000	113.822	113.822	4586.000	113.821	113.821
4587.000	113.821	113.821	4588.000	113.821	113.821	4589.000	113.820	113.820	4590.000	113.820	113.820
4591.000	113.819	113.819	4592.000	113.819	113.819	4593.000	113.819	113.819	4594.000	113.818	113.818
4595.000	113.818	113.818	4596.000	113.818	113.818	4597.000	113.817	113.817	4598.000	113.817	113.817
4599.000	113.817	113.817	4600.000	113.816	113.816	4601.000	113.816	113.816	4602.000	113.815	113.815
4603.000	113.815	113.815	4604.000	113.815	113.815	4605.000	113.814	113.814	4606.000	113.814	113.814
4607.000	113.814	113.814	4608.000	113.813	113.813	4609.000	113.813	113.813	4610.000	113.813	113.813
4611.000	113.812	113.812	4612.000	113.812	113.812	4613.000	113.812	113.812	4614.000	113.811	113.811
4615.000	113.811	113.811	4616.000	113.810	113.810	4617.000	113.810	113.810	4618.000	113.810	113.810
4619.000	113.809	113.809	4620.000	113.809	113.809	4621.000	113.809	113.809	4622.000	113.808	113.808
4623.000	113.808	113.808	4624.000	113.808	113.808	4625.000	113.807	113.807	4626.000	113.807	113.807
4627.000	113.806	113.806	4628.000	113.806	113.806	4629.000	113.806	113.806	4630.000	113.805	113.805
4631.000	113.805	113.805	4632.000	113.805	113.805	4633.000	113.804	113.804	4634.000	113.804	113.804
4635.000	113.804	113.804	4636.000	113.803	113.803	4637.000	113.803	113.803	4638.000	113.802	113.802
4639.000	113.802	113.802	4640.000	113.802	113.802	4641.000	113.801	113.801	4642.000	113.801	113.801
4643.000	113.801	113.801	4644.000	113.800	113.800	4645.000	113.800	113.800	4646.000	113.800	113.800
4647.000	113.799	113.799	4648.000	113.799	113.799	4649.000	113.798	113.798	4650.000	113.798	113.798
4651.000	113.798	113.798	4652.000	113.797	113.797	4653.000	113.797	113.797	4654.000	113.797	113.797
4655.000	113.796	113.796	4656.000	113.796	113.796	4657.000	113.795	113.795	4658.000	113.795	113.795
4659.000	113.795	113.795	4660.000	113.794	113.794	4661.000	113.794	113.794	4662.000	113.794	113.794

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

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DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4663.000	113.793	113.793	4664.000	113.793	113.793	4665.000	113.793	113.793	4666.000	113.792	113.792
4667.000	113.792	113.792	4668.000	113.791	113.791	4669.000	113.791	113.791	4670.000	113.791	113.791
4671.000	113.790	113.790	4672.000	113.790	113.790	4673.000	113.790	113.790	4674.000	113.789	113.789
4675.000	113.789	113.789	4676.000	113.788	113.788	4677.000	113.788	113.788	4678.000	113.788	113.788
4679.000	113.787	113.787	4680.000	113.787	113.787	4681.000	113.787	113.787	4682.000	113.786	113.786
4683.000	113.786	113.786	4684.000	113.786	113.786	4685.000	113.785	113.785	4686.000	113.785	113.785
4687.000	113.784	113.784	4688.000	113.784	113.784	4689.000	113.784	113.784	4690.000	113.783	113.783
4691.000	113.783	113.783	4692.000	113.783	113.783	4693.000	113.782	113.782	4694.000	113.782	113.782
4695.000	113.781	113.781	4696.000	113.781	113.781	4697.000	113.781	113.781	4698.000	113.780	113.780
4699.000	113.780	113.780	4700.000	113.780	113.780	4701.000	113.779	113.779	4702.000	113.779	113.779
4703.000	113.778	113.778	4704.000	113.778	113.778	4705.000	113.778	113.778	4706.000	113.777	113.777
4707.000	113.777	113.777	4708.000	113.777	113.777	4709.000	113.776	113.776	4710.000	113.776	113.776
4711.000	113.775	113.775	4712.000	113.775	113.775	4713.000	113.775	113.775	4714.000	113.774	113.774
4715.000	113.774	113.774	4716.000	113.774	113.774	4717.000	113.773	113.773	4718.000	113.773	113.773
4719.000	113.772	113.772	4720.000	113.772	113.772	4721.000	113.772	113.772	4722.000	113.771	113.771
4723.000	113.771	113.771	4724.000	113.771	113.771	4725.000	113.770	113.770	4726.000	113.770	113.770
4727.000	113.769	113.769	4728.000	113.769	113.769	4729.000	113.769	113.769	4730.000	113.768	113.768
4731.000	113.768	113.768	4732.000	113.768	113.768	4733.000	113.767	113.767	4734.000	113.767	113.767
4735.000	113.766	113.766	4736.000	113.766	113.766	4737.000	113.766	113.766	4738.000	113.765	113.765
4739.000	113.765	113.765	4740.000	113.765	113.765	4741.000	113.764	113.764	4742.000	113.764	113.764
4743.000	113.763	113.763	4744.000	113.763	113.763	4745.000	113.763	113.763	4746.000	113.762	113.762
4747.000	113.762	113.762	4748.000	113.762	113.762	4749.000	113.761	113.761	4750.000	113.761	113.761
4751.000	113.760	113.760	4752.000	113.760	113.760	4753.000	113.760	113.760	4754.000	113.759	113.759
4755.000	113.759	113.759	4756.000	113.758	113.758	4757.000	113.758	113.758	4758.000	113.758	113.758
4759.000	113.757	113.757	4760.000	113.757	113.757	4761.000	113.757	113.757	4762.000	113.756	113.756
4763.000	113.756	113.756	4764.000	113.755	113.755	4765.000	113.755	113.755	4766.000	113.755	113.755
4767.000	113.754	113.754	4768.000	113.754	113.754	4769.000	113.754	113.754	4770.000	113.753	113.753
4771.000	113.753	113.753	4772.000	113.752	113.752	4773.000	113.752	113.752	4774.000	113.752	113.752
4775.000	113.751	113.751	4776.000	113.751	113.751	4777.000	113.750	113.750	4778.000	113.750	113.750
4779.000	113.750	113.750	4780.000	113.749	113.749	4781.000	113.749	113.749	4782.000	113.749	113.749
4783.000	113.748	113.748	4784.000	113.748	113.748	4785.000	113.747	113.747	4786.000	113.747	113.747
4787.000	113.747	113.747	4788.000	113.746	113.746	4789.000	113.746	113.746	4790.000	113.745	113.745
4791.000	113.745	113.745	4792.000	113.745	113.745	4793.000	113.744	113.744	4794.000	113.744	113.744
4795.000	113.744	113.744	4796.000	113.743	113.743	4797.000	113.743	113.743	4798.000	113.742	113.742
4799.000	113.742	113.742	4800.000	113.742	113.742	4801.000	113.741	113.741	4802.000	113.741	113.741
4803.000	113.740	113.740	4804.000	113.740	113.740	4805.000	113.740	113.740	4806.000	113.739	113.739
4807.000	113.739	113.739	4808.000	113.739	113.739	4809.000	113.738	113.738	4810.000	113.738	113.738

Project: Clinton Flex Study  
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Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4811.000	113.737	113.737	4812.000	113.737	113.737	4813.000	113.737	113.737	4814.000	113.736	113.736
4815.000	113.736	113.736	4816.000	113.735	113.735	4817.000	113.735	113.735	4818.000	113.735	113.735
4819.000	113.734	113.734	4820.000	113.734	113.734	4821.000	113.733	113.733	4822.000	113.733	113.733
4823.000	113.733	113.733	4824.000	113.732	113.732	4825.000	113.732	113.732	4826.000	113.732	113.732
4827.000	113.731	113.731	4828.000	113.731	113.731	4829.000	113.730	113.730	4830.000	113.730	113.730
4831.000	113.730	113.730	4832.000	113.729	113.729	4833.000	113.729	113.729	4834.000	113.728	113.728
4835.000	113.728	113.728	4836.000	113.728	113.728	4837.000	113.727	113.727	4838.000	113.727	113.727
4839.000	113.726	113.726	4840.000	113.726	113.726	4841.000	113.726	113.726	4842.000	113.725	113.725
4843.000	113.725	113.725	4844.000	113.724	113.724	4845.000	113.724	113.724	4846.000	113.724	113.724
4847.000	113.723	113.723	4848.000	113.723	113.723	4849.000	113.723	113.723	4850.000	113.722	113.722
4851.000	113.722	113.722	4852.000	113.721	113.721	4853.000	113.721	113.721	4854.000	113.721	113.721
4855.000	113.720	113.720	4856.000	113.720	113.720	4857.000	113.719	113.719	4858.000	113.719	113.719
4859.000	113.719	113.719	4860.000	113.718	113.718	4861.000	113.718	113.718	4862.000	113.717	113.717
4863.000	113.717	113.717	4864.000	113.717	113.717	4865.000	113.716	113.716	4866.000	113.716	113.716
4867.000	113.715	113.715	4868.000	113.715	113.715	4869.000	113.715	113.715	4870.000	113.714	113.714
4871.000	113.714	113.714	4872.000	113.713	113.713	4873.000	113.713	113.713	4874.000	113.713	113.713
4875.000	113.712	113.712	4876.000	113.712	113.712	4877.000	113.711	113.711	4878.000	113.711	113.711
4879.000	113.711	113.711	4880.000	113.710	113.710	4881.000	113.710	113.710	4882.000	113.709	113.709
4883.000	113.709	113.709	4884.000	113.709	113.709	4885.000	113.708	113.708	4886.000	113.708	113.708
4887.000	113.707	113.707	4888.000	113.707	113.707	4889.000	113.707	113.707	4890.000	113.706	113.706
4891.000	113.706	113.706	4892.000	113.705	113.705	4893.000	113.705	113.705	4894.000	113.705	113.705
4895.000	113.704	113.704	4896.000	113.704	113.704	4897.000	113.703	113.703	4898.000	113.703	113.703
4899.000	113.703	113.703	4900.000	113.702	113.702	4901.000	113.702	113.702	4902.000	113.701	113.701
4903.000	113.701	113.701	4904.000	113.701	113.701	4905.000	113.700	113.700	4906.000	113.700	113.700
4907.000	113.699	113.699	4908.000	113.699	113.699	4909.000	113.699	113.699	4910.000	113.698	113.698
4911.000	113.698	113.698	4912.000	113.697	113.697	4913.000	113.697	113.697	4914.000	113.697	113.697
4915.000	113.696	113.696	4916.000	113.696	113.696	4917.000	113.695	113.695	4918.000	113.695	113.695
4919.000	113.695	113.695	4920.000	113.694	113.694	4921.000	113.694	113.694	4922.000	113.693	113.693
4923.000	113.693	113.693	4924.000	113.693	113.693	4925.000	113.692	113.692	4926.000	113.692	113.692
4927.000	113.691	113.691	4928.000	113.691	113.691	4929.000	113.691	113.691	4930.000	113.690	113.690
4931.000	113.690	113.690	4932.000	113.689	113.689	4933.000	113.689	113.689	4934.000	113.688	113.688
4935.000	113.688	113.688	4936.000	113.688	113.688	4937.000	113.687	113.687	4938.000	113.687	113.687
4939.000	113.686	113.686	4940.000	113.686	113.686	4941.000	113.686	113.686	4942.000	113.685	113.685
4943.000	113.685	113.685	4944.000	113.684	113.684	4945.000	113.684	113.684	4946.000	113.684	113.684
4947.000	113.683	113.683	4948.000	113.683	113.683	4949.000	113.682	113.682	4950.000	113.682	113.682
4951.000	113.682	113.682	4952.000	113.681	113.681	4953.000	113.681	113.681	4954.000	113.680	113.680
4955.000	113.680	113.680	4956.000	113.680	113.680	4957.000	113.679	113.679	4958.000	113.679	113.679

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
4959.000	113.678	113.678	4960.000	113.678	113.678	4961.000	113.677	113.677	4962.000	113.677	113.677
4963.000	113.677	113.677	4964.000	113.676	113.676	4965.000	113.676	113.676	4966.000	113.675	113.675
4967.000	113.675	113.675	4968.000	113.675	113.675	4969.000	113.674	113.674	4970.000	113.674	113.674
4971.000	113.673	113.673	4972.000	113.673	113.673	4973.000	113.673	113.673	4974.000	113.672	113.672
4975.000	113.672	113.672	4976.000	113.671	113.671	4977.000	113.671	113.671	4978.000	113.670	113.670
4979.000	113.670	113.670	4980.000	113.670	113.670	4981.000	113.669	113.669	4982.000	113.669	113.669
4983.000	113.668	113.668	4984.000	113.668	113.668	4985.000	113.668	113.668	4986.000	113.667	113.667
4987.000	113.667	113.667	4988.000	113.667	113.667	4989.000	113.667	113.667	4990.000	113.667	113.667
4991.000	113.666	113.666	4992.000	113.666	113.666	4993.000	113.666	113.666	4994.000	113.666	113.666
4995.000	113.665	113.665	4996.000	113.665	113.665	4997.000	113.665	113.665	4998.000	113.665	113.665
4999.000	113.665	113.665	5000.000	113.664	113.664	5001.000	113.664	113.664	5002.000	113.664	113.664
5003.000	113.664	113.664	5004.000	113.663	113.663	5005.000	113.663	113.663	5006.000	113.663	113.663
5007.000	113.663	113.663	5008.000	113.663	113.663	5009.000	113.662	113.662	5010.000	113.662	113.662
5011.000	113.662	113.662	5012.000	113.662	113.662	5013.000	113.661	113.661	5014.000	113.661	113.661
5015.000	113.661	113.661	5016.000	113.661	113.661	5017.000	113.661	113.661	5018.000	113.660	113.660
5019.000	113.660	113.660	5020.000	113.660	113.660	5021.000	113.660	113.660	5022.000	113.659	113.659
5023.000	113.659	113.659	5024.000	113.659	113.659	5025.000	113.659	113.659	5026.000	113.658	113.658
5027.000	113.658	113.658	5028.000	113.658	113.658	5029.000	113.658	113.658	5030.000	113.658	113.658
5031.000	113.657	113.657	5032.000	113.657	113.657	5033.000	113.657	113.657	5034.000	113.657	113.657
5035.000	113.656	113.656	5036.000	113.656	113.656	5037.000	113.656	113.656	5038.000	113.656	113.656
5039.000	113.655	113.655	5040.000	113.655	113.655	5041.000	113.655	113.655	5042.000	113.655	113.655
5043.000	113.655	113.655	5044.000	113.654	113.654	5045.000	113.654	113.654	5046.000	113.654	113.654
5047.000	113.654	113.654	5048.000	113.653	113.653	5049.000	113.653	113.653	5050.000	113.653	113.653
5051.000	113.653	113.653	5052.000	113.652	113.652	5053.000	113.652	113.652	5054.000	113.652	113.652
5055.000	113.652	113.652	5056.000	113.652	113.652	5057.000	113.651	113.651	5058.000	113.651	113.651
5059.000	113.651	113.651	5060.000	113.651	113.651	5061.000	113.650	113.650	5062.000	113.650	113.650
5063.000	113.650	113.650	5064.000	113.650	113.650	5065.000	113.649	113.649	5066.000	113.649	113.649
5067.000	113.649	113.649	5068.000	113.649	113.649	5069.000	113.649	113.649	5070.000	113.648	113.648
5071.000	113.648	113.648	5072.000	113.648	113.648	5073.000	113.648	113.648	5074.000	113.647	113.647
5075.000	113.647	113.647	5076.000	113.647	113.647	5077.000	113.647	113.647	5078.000	113.646	113.646
5079.000	113.646	113.646	5080.000	113.646	113.646	5081.000	113.646	113.646	5082.000	113.646	113.646
5083.000	113.645	113.645	5084.000	113.645	113.645	5085.000	113.645	113.645	5086.000	113.645	113.645
5087.000	113.644	113.644	5088.000	113.644	113.644	5089.000	113.644	113.644	5090.000	113.644	113.644
5091.000	113.643	113.643	5092.000	113.643	113.643	5093.000	113.643	113.643	5094.000	113.643	113.643
5095.000	113.642	113.642	5096.000	113.642	113.642	5097.000	113.642	113.642	5098.000	113.642	113.642
5099.000	113.642	113.642	5100.000	113.641	113.641	5101.000	113.641	113.641	5102.000	113.641	113.641
5103.000	113.641	113.641	5104.000	113.640	113.640	5105.000	113.640	113.640	5106.000	113.640	113.640

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5107.000	113.640	113.640	5108.000	113.640	113.640	5109.000	113.639	113.639	5110.000	113.639	113.639
5111.000	113.639	113.639	5112.000	113.639	113.639	5113.000	113.639	113.639	5114.000	113.639	113.639
5115.000	113.638	113.638	5116.000	113.638	113.638	5117.000	113.638	113.638	5118.000	113.638	113.638
5119.000	113.638	113.638	5120.000	113.637	113.637	5121.000	113.637	113.637	5122.000	113.637	113.637
5123.000	113.637	113.637	5124.000	113.637	113.637	5125.000	113.637	113.637	5126.000	113.636	113.636
5127.000	113.636	113.636	5128.000	113.636	113.636	5129.000	113.636	113.636	5130.000	113.636	113.636
5131.000	113.635	113.635	5132.000	113.635	113.635	5133.000	113.635	113.635	5134.000	113.635	113.635
5135.000	113.635	113.635	5136.000	113.634	113.634	5137.000	113.634	113.634	5138.000	113.634	113.634
5139.000	113.634	113.634	5140.000	113.634	113.634	5141.000	113.634	113.634	5142.000	113.633	113.633
5143.000	113.633	113.633	5144.000	113.633	113.633	5145.000	113.633	113.633	5146.000	113.633	113.633
5147.000	113.632	113.632	5148.000	113.632	113.632	5149.000	113.632	113.632	5150.000	113.632	113.632
5151.000	113.632	113.632	5152.000	113.631	113.631	5153.000	113.631	113.631	5154.000	113.631	113.631
5155.000	113.631	113.631	5156.000	113.631	113.631	5157.000	113.631	113.631	5158.000	113.630	113.630
5159.000	113.630	113.630	5160.000	113.630	113.630	5161.000	113.630	113.630	5162.000	113.630	113.630
5163.000	113.629	113.629	5164.000	113.629	113.629	5165.000	113.629	113.629	5166.000	113.629	113.629
5167.000	113.629	113.629	5168.000	113.628	113.628	5169.000	113.628	113.628	5170.000	113.628	113.628
5171.000	113.628	113.628	5172.000	113.628	113.628	5173.000	113.627	113.627	5174.000	113.627	113.627
5175.000	113.627	113.627	5176.000	113.627	113.627	5177.000	113.627	113.627	5178.000	113.626	113.626
5179.000	113.626	113.626	5180.000	113.626	113.626	5181.000	113.626	113.626	5182.000	113.626	113.626
5183.000	113.626	113.626	5184.000	113.625	113.625	5185.000	113.625	113.625	5186.000	113.625	113.625
5187.000	113.625	113.625	5188.000	113.625	113.625	5189.000	113.624	113.624	5190.000	113.624	113.624
5191.000	113.624	113.624	5192.000	113.624	113.624	5193.000	113.624	113.624	5194.000	113.623	113.623
5195.000	113.623	113.623	5196.000	113.623	113.623	5197.000	113.623	113.623	5198.000	113.623	113.623
5199.000	113.622	113.622	5200.000	113.622	113.622	5201.000	113.622	113.622	5202.000	113.622	113.622
5203.000	113.622	113.622	5204.000	113.621	113.621	5205.000	113.621	113.621	5206.000	113.621	113.621
5207.000	113.621	113.621	5208.000	113.621	113.621	5209.000	113.620	113.620	5210.000	113.620	113.620
5211.000	113.620	113.620	5212.000	113.620	113.620	5213.000	113.620	113.620	5214.000	113.619	113.619
5215.000	113.619	113.619	5216.000	113.619	113.619	5217.000	113.619	113.619	5218.000	113.619	113.619
5219.000	113.618	113.618	5220.000	113.618	113.618	5221.000	113.618	113.618	5222.000	113.618	113.618
5223.000	113.618	113.618	5224.000	113.617	113.617	5225.000	113.617	113.617	5226.000	113.617	113.617
5227.000	113.617	113.617	5228.000	113.617	113.617	5229.000	113.616	113.616	5230.000	113.616	113.616
5231.000	113.616	113.616	5232.000	113.616	113.616	5233.000	113.616	113.616	5234.000	113.615	113.615
5235.000	113.615	113.615	5236.000	113.615	113.615	5237.000	113.615	113.615	5238.000	113.615	113.615
5239.000	113.614	113.614	5240.000	113.614	113.614	5241.000	113.614	113.614	5242.000	113.614	113.614
5243.000	113.614	113.614	5244.000	113.613	113.613	5245.000	113.613	113.613	5246.000	113.613	113.613
5247.000	113.613	113.613	5248.000	113.613	113.613	5249.000	113.612	113.612	5250.000	113.612	113.612
5251.000	113.612	113.612	5252.000	113.612	113.612	5253.000	113.612	113.612	5254.000	113.611	113.611

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5255.000	113.611	113.611	5256.000	113.611	113.611	5257.000	113.611	113.611	5258.000	113.611	113.611
5259.000	113.610	113.610	5260.000	113.610	113.610	5261.000	113.610	113.610	5262.000	113.610	113.610
5263.000	113.610	113.610	5264.000	113.609	113.609	5265.000	113.609	113.609	5266.000	113.609	113.609
5267.000	113.609	113.609	5268.000	113.609	113.609	5269.000	113.608	113.608	5270.000	113.608	113.608
5271.000	113.608	113.608	5272.000	113.608	113.608	5273.000	113.608	113.608	5274.000	113.607	113.607
5275.000	113.607	113.607	5276.000	113.607	113.607	5277.000	113.607	113.607	5278.000	113.607	113.607
5279.000	113.606	113.606	5280.000	113.606	113.606	5281.000	113.606	113.606	5282.000	113.606	113.606
5283.000	113.605	113.605	5284.000	113.605	113.605	5285.000	113.605	113.605	5286.000	113.605	113.605
5287.000	113.605	113.605	5288.000	113.604	113.604	5289.000	113.604	113.604	5290.000	113.604	113.604
5291.000	113.604	113.604	5292.000	113.604	113.604	5293.000	113.603	113.603	5294.000	113.603	113.603
5295.000	113.603	113.603	5296.000	113.603	113.603	5297.000	113.603	113.603	5298.000	113.602	113.602
5299.000	113.602	113.602	5300.000	113.602	113.602	5301.000	113.602	113.602	5302.000	113.602	113.602
5303.000	113.601	113.601	5304.000	113.601	113.601	5305.000	113.601	113.601	5306.000	113.601	113.601
5307.000	113.600	113.600	5308.000	113.600	113.600	5309.000	113.600	113.600	5310.000	113.600	113.600
5311.000	113.600	113.600	5312.000	113.599	113.599	5313.000	113.599	113.599	5314.000	113.599	113.599
5315.000	113.599	113.599	5316.000	113.599	113.599	5317.000	113.598	113.598	5318.000	113.598	113.598
5319.000	113.598	113.598	5320.000	113.598	113.598	5321.000	113.597	113.597	5322.000	113.597	113.597
5323.000	113.597	113.597	5324.000	113.597	113.597	5325.000	113.597	113.597	5326.000	113.596	113.596
5327.000	113.596	113.596	5328.000	113.596	113.596	5329.000	113.596	113.596	5330.000	113.596	113.596
5331.000	113.595	113.595	5332.000	113.595	113.595	5333.000	113.595	113.595	5334.000	113.595	113.595
5335.000	113.594	113.594	5336.000	113.594	113.594	5337.000	113.594	113.594	5338.000	113.594	113.594
5339.000	113.594	113.594	5340.000	113.593	113.593	5341.000	113.593	113.593	5342.000	113.593	113.593
5343.000	113.593	113.593	5344.000	113.593	113.593	5345.000	113.592	113.592	5346.000	113.592	113.592
5347.000	113.592	113.592	5348.000	113.592	113.592	5349.000	113.591	113.591	5350.000	113.591	113.591
5351.000	113.591	113.591	5352.000	113.591	113.591	5353.000	113.591	113.591	5354.000	113.591	113.591
5355.000	113.591	113.591	5356.000	113.591	113.591	5357.000	113.590	113.590	5358.000	113.590	113.590
5359.000	113.590	113.590	5360.000	113.590	113.590	5361.000	113.590	113.590	5362.000	113.590	113.590
5363.000	113.590	113.590	5364.000	113.590	113.590	5365.000	113.589	113.589	5366.000	113.589	113.589
5367.000	113.589	113.589	5368.000	113.589	113.589	5369.000	113.589	113.589	5370.000	113.589	113.589
5371.000	113.589	113.589	5372.000	113.589	113.589	5373.000	113.589	113.589	5374.000	113.588	113.588
5375.000	113.588	113.588	5376.000	113.588	113.588	5377.000	113.588	113.588	5378.000	113.588	113.588
5379.000	113.588	113.588	5380.000	113.588	113.588	5381.000	113.588	113.588	5382.000	113.587	113.587
5383.000	113.587	113.587	5384.000	113.587	113.587	5385.000	113.587	113.587	5386.000	113.587	113.587
5387.000	113.587	113.587	5388.000	113.587	113.587	5389.000	113.587	113.587	5390.000	113.586	113.586
5391.000	113.586	113.586	5392.000	113.586	113.586	5393.000	113.586	113.586	5394.000	113.586	113.586
5395.000	113.586	113.586	5396.000	113.586	113.586	5397.000	113.586	113.586	5398.000	113.585	113.585
5399.000	113.585	113.585	5400.000	113.585	113.585	5401.000	113.585	113.585	5402.000	113.585	113.585

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5403.000	113.585	113.585	5404.000	113.585	113.585	5405.000	113.585	113.585	5406.000	113.584	113.584
5407.000	113.584	113.584	5408.000	113.584	113.584	5409.000	113.584	113.584	5410.000	113.584	113.584
5411.000	113.584	113.584	5412.000	113.584	113.584	5413.000	113.584	113.584	5414.000	113.583	113.583
5415.000	113.583	113.583	5416.000	113.583	113.583	5417.000	113.583	113.583	5418.000	113.583	113.583
5419.000	113.583	113.583	5420.000	113.583	113.583	5421.000	113.583	113.583	5422.000	113.582	113.582
5423.000	113.582	113.582	5424.000	113.582	113.582	5425.000	113.582	113.582	5426.000	113.582	113.582
5427.000	113.582	113.582	5428.000	113.582	113.582	5429.000	113.582	113.582	5430.000	113.581	113.581
5431.000	113.581	113.581	5432.000	113.581	113.581	5433.000	113.581	113.581	5434.000	113.581	113.581
5435.000	113.581	113.581	5436.000	113.581	113.581	5437.000	113.581	113.581	5438.000	113.580	113.580
5439.000	113.580	113.580	5440.000	113.580	113.580	5441.000	113.580	113.580	5442.000	113.580	113.580
5443.000	113.580	113.580	5444.000	113.580	113.580	5445.000	113.580	113.580	5446.000	113.579	113.579
5447.000	113.579	113.579	5448.000	113.579	113.579	5449.000	113.579	113.579	5450.000	113.579	113.579
5451.000	113.579	113.579	5452.000	113.579	113.579	5453.000	113.579	113.579	5454.000	113.578	113.578
5455.000	113.578	113.578	5456.000	113.578	113.578	5457.000	113.578	113.578	5458.000	113.578	113.578
5459.000	113.578	113.578	5460.000	113.578	113.578	5461.000	113.577	113.577	5462.000	113.577	113.577
5463.000	113.577	113.577	5464.000	113.577	113.577	5465.000	113.577	113.577	5466.000	113.577	113.577
5467.000	113.577	113.577	5468.000	113.577	113.577	5469.000	113.576	113.576	5470.000	113.576	113.576
5471.000	113.576	113.576	5472.000	113.576	113.576	5473.000	113.576	113.576	5474.000	113.576	113.576
5475.000	113.576	113.576	5476.000	113.576	113.576	5477.000	113.575	113.575	5478.000	113.575	113.575
5479.000	113.575	113.575	5480.000	113.575	113.575	5481.000	113.575	113.575	5482.000	113.575	113.575
5483.000	113.575	113.575	5484.000	113.574	113.574	5485.000	113.574	113.574	5486.000	113.574	113.574
5487.000	113.574	113.574	5488.000	113.574	113.574	5489.000	113.574	113.574	5490.000	113.574	113.574
5491.000	113.574	113.574	5492.000	113.573	113.573	5493.000	113.573	113.573	5494.000	113.573	113.573
5495.000	113.573	113.573	5496.000	113.573	113.573	5497.000	113.573	113.573	5498.000	113.573	113.573
5499.000	113.572	113.572	5500.000	113.572	113.572	5501.000	113.572	113.572	5502.000	113.572	113.572
5503.000	113.572	113.572	5504.000	113.572	113.572	5505.000	113.572	113.572	5506.000	113.572	113.572
5507.000	113.571	113.571	5508.000	113.571	113.571	5509.000	113.571	113.571	5510.000	113.571	113.571
5511.000	113.571	113.571	5512.000	113.571	113.571	5513.000	113.571	113.571	5514.000	113.570	113.570
5515.000	113.570	113.570	5516.000	113.570	113.570	5517.000	113.570	113.570	5518.000	113.570	113.570
5519.000	113.570	113.570	5520.000	113.570	113.570	5521.000	113.569	113.569	5522.000	113.569	113.569
5523.000	113.569	113.569	5524.000	113.569	113.569	5525.000	113.569	113.569	5526.000	113.569	113.569
5527.000	113.569	113.569	5528.000	113.569	113.569	5529.000	113.568	113.568	5530.000	113.568	113.568
5531.000	113.568	113.568	5532.000	113.568	113.568	5533.000	113.568	113.568	5534.000	113.568	113.568
5535.000	113.568	113.568	5536.000	113.567	113.567	5537.000	113.567	113.567	5538.000	113.567	113.567
5539.000	113.567	113.567	5540.000	113.567	113.567	5541.000	113.567	113.567	5542.000	113.567	113.567
5543.000	113.566	113.566	5544.000	113.566	113.566	5545.000	113.566	113.566	5546.000	113.566	113.566
5547.000	113.566	113.566	5548.000	113.566	113.566	5549.000	113.566	113.566	5550.000	113.565	113.565

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5551.000	113.565	113.565	5552.000	113.565	113.565	5553.000	113.565	113.565	5554.000	113.565	113.565
5555.000	113.565	113.565	5556.000	113.565	113.565	5557.000	113.564	113.564	5558.000	113.564	113.564
5559.000	113.564	113.564	5560.000	113.564	113.564	5561.000	113.564	113.564	5562.000	113.564	113.564
5563.000	113.564	113.564	5564.000	113.563	113.563	5565.000	113.563	113.563	5566.000	113.563	113.563
5567.000	113.563	113.563	5568.000	113.563	113.563	5569.000	113.563	113.563	5570.000	113.563	113.563
5571.000	113.562	113.562	5572.000	113.562	113.562	5573.000	113.562	113.562	5574.000	113.562	113.562
5575.000	113.562	113.562	5576.000	113.562	113.562	5577.000	113.562	113.562	5578.000	113.561	113.561
5579.000	113.561	113.561	5580.000	113.561	113.561	5581.000	113.561	113.561	5582.000	113.561	113.561
5583.000	113.561	113.561	5584.000	113.561	113.561	5585.000	113.560	113.560	5586.000	113.560	113.560
5587.000	113.560	113.560	5588.000	113.560	113.560	5589.000	113.560	113.560	5590.000	113.560	113.560
5591.000	113.560	113.560	5592.000	113.559	113.559	5593.000	113.559	113.559	5594.000	113.559	113.559
5595.000	113.559	113.559	5596.000	113.559	113.559	5597.000	113.559	113.559	5598.000	113.559	113.559
5599.000	113.558	113.558	5600.000	113.558	113.558	5601.000	113.558	113.558	5602.000	113.558	113.558
5603.000	113.558	113.558	5604.000	113.558	113.558	5605.000	113.558	113.558	5606.000	113.557	113.557
5607.000	113.557	113.557	5608.000	113.557	113.557	5609.000	113.557	113.557	5610.000	113.557	113.557
5611.000	113.557	113.557	5612.000	113.556	113.556	5613.000	113.556	113.556	5614.000	113.556	113.556
5615.000	113.556	113.556	5616.000	113.556	113.556	5617.000	113.556	113.556	5618.000	113.556	113.556
5619.000	113.555	113.555	5620.000	113.555	113.555	5621.000	113.555	113.555	5622.000	113.555	113.555
5623.000	113.555	113.555	5624.000	113.555	113.555	5625.000	113.555	113.555	5626.000	113.554	113.554
5627.000	113.554	113.554	5628.000	113.554	113.554	5629.000	113.554	113.554	5630.000	113.554	113.554
5631.000	113.554	113.554	5632.000	113.553	113.553	5633.000	113.553	113.553	5634.000	113.553	113.553
5635.000	113.553	113.553	5636.000	113.553	113.553	5637.000	113.553	113.553	5638.000	113.553	113.553
5639.000	113.552	113.552	5640.000	113.552	113.552	5641.000	113.552	113.552	5642.000	113.552	113.552
5643.000	113.552	113.552	5644.000	113.552	113.552	5645.000	113.552	113.552	5646.000	113.551	113.551
5647.000	113.551	113.551	5648.000	113.551	113.551	5649.000	113.551	113.551	5650.000	113.551	113.551
5651.000	113.551	113.551	5652.000	113.550	113.550	5653.000	113.550	113.550	5654.000	113.550	113.550
5655.000	113.550	113.550	5656.000	113.550	113.550	5657.000	113.550	113.550	5658.000	113.550	113.550
5659.000	113.549	113.549	5660.000	113.549	113.549	5661.000	113.549	113.549	5662.000	113.549	113.549
5663.000	113.549	113.549	5664.000	113.549	113.549	5665.000	113.548	113.548	5666.000	113.548	113.548
5667.000	113.548	113.548	5668.000	113.548	113.548	5669.000	113.548	113.548	5670.000	113.548	113.548
5671.000	113.547	113.547	5672.000	113.547	113.547	5673.000	113.547	113.547	5674.000	113.547	113.547
5675.000	113.547	113.547	5676.000	113.547	113.547	5677.000	113.547	113.547	5678.000	113.546	113.546
5679.000	113.546	113.546	5680.000	113.546	113.546	5681.000	113.546	113.546	5682.000	113.546	113.546
5683.000	113.546	113.546	5684.000	113.545	113.545	5685.000	113.545	113.545	5686.000	113.545	113.545
5687.000	113.545	113.545	5688.000	113.545	113.545	5689.000	113.545	113.545	5690.000	113.544	113.544
5691.000	113.544	113.544	5692.000	113.544	113.544	5693.000	113.544	113.544	5694.000	113.544	113.544
5695.000	113.544	113.544	5696.000	113.544	113.544	5697.000	113.543	113.543	5698.000	113.543	113.543

Project: Clinton Flex Study  
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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5699.000	113.543	113.543	5700.000	113.543	113.543	5701.000	113.543	113.543	5702.000	113.543	113.543
5703.000	113.542	113.542	5704.000	113.542	113.542	5705.000	113.542	113.542	5706.000	113.542	113.542
5707.000	113.542	113.542	5708.000	113.542	113.542	5709.000	113.541	113.541	5710.000	113.541	113.541
5711.000	113.541	113.541	5712.000	113.541	113.541	5713.000	113.541	113.541	5714.000	113.541	113.541
5715.000	113.540	113.540	5716.000	113.540	113.540	5717.000	113.540	113.540	5718.000	113.540	113.540
5719.000	113.540	113.540	5720.000	113.540	113.540	5721.000	113.539	113.539	5722.000	113.539	113.539
5723.000	113.539	113.539	5724.000	113.539	113.539	5725.000	113.539	113.539	5726.000	113.539	113.539
5727.000	113.538	113.538	5728.000	113.538	113.538	5729.000	113.538	113.538	5730.000	113.538	113.538
5731.000	113.538	113.538	5732.000	113.538	113.538	5733.000	113.537	113.537	5734.000	113.537	113.537
5735.000	113.537	113.537	5736.000	113.537	113.537	5737.000	113.537	113.537	5738.000	113.537	113.537
5739.000	113.536	113.536	5740.000	113.536	113.536	5741.000	113.536	113.536	5742.000	113.536	113.536
5743.000	113.536	113.536	5744.000	113.536	113.536	5745.000	113.535	113.535	5746.000	113.535	113.535
5747.000	113.535	113.535	5748.000	113.535	113.535	5749.000	113.535	113.535	5750.000	113.535	113.535
5751.000	113.534	113.534	5752.000	113.534	113.534	5753.000	113.534	113.534	5754.000	113.534	113.534
5755.000	113.534	113.534	5756.000	113.534	113.534	5757.000	113.533	113.533	5758.000	113.533	113.533
5759.000	113.533	113.533	5760.000	113.533	113.533	5761.000	113.533	113.533	5762.000	113.533	113.533
5763.000	113.532	113.532	5764.000	113.532	113.532	5765.000	113.532	113.532	5766.000	113.532	113.532
5767.000	113.532	113.532	5768.000	113.532	113.532	5769.000	113.531	113.531	5770.000	113.531	113.531
5771.000	113.531	113.531	5772.000	113.531	113.531	5773.000	113.531	113.531	5774.000	113.531	113.531
5775.000	113.530	113.530	5776.000	113.530	113.530	5777.000	113.530	113.530	5778.000	113.530	113.530
5779.000	113.530	113.530	5780.000	113.529	113.529	5781.000	113.529	113.529	5782.000	113.529	113.529
5783.000	113.529	113.529	5784.000	113.529	113.529	5785.000	113.529	113.529	5786.000	113.528	113.528
5787.000	113.528	113.528	5788.000	113.528	113.528	5789.000	113.528	113.528	5790.000	113.528	113.528
5791.000	113.528	113.528	5792.000	113.527	113.527	5793.000	113.527	113.527	5794.000	113.527	113.527
5795.000	113.527	113.527	5796.000	113.527	113.527	5797.000	113.527	113.527	5798.000	113.526	113.526
5799.000	113.526	113.526	5800.000	113.526	113.526	5801.000	113.526	113.526	5802.000	113.526	113.526
5803.000	113.525	113.525	5804.000	113.525	113.525	5805.000	113.525	113.525	5806.000	113.525	113.525
5807.000	113.525	113.525	5808.000	113.525	113.525	5809.000	113.525	113.525	5810.000	113.525	113.525
5811.000	113.525	113.525	5812.000	113.524	113.524	5813.000	113.524	113.524	5814.000	113.524	113.524
5815.000	113.524	113.524	5816.000	113.524	113.524	5817.000	113.524	113.524	5818.000	113.524	113.524
5819.000	113.524	113.524	5820.000	113.524	113.524	5821.000	113.524	113.524	5822.000	113.524	113.524
5823.000	113.524	113.524	5824.000	113.524	113.524	5825.000	113.524	113.524	5826.000	113.524	113.524
5827.000	113.523	113.523	5828.000	113.523	113.523	5829.000	113.523	113.523	5830.000	113.523	113.523
5831.000	113.523	113.523	5832.000	113.523	113.523	5833.000	113.523	113.523	5834.000	113.523	113.523
5835.000	113.523	113.523	5836.000	113.523	113.523	5837.000	113.523	113.523	5838.000	113.523	113.523
5839.000	113.523	113.523	5840.000	113.523	113.523	5841.000	113.522	113.522	5842.000	113.522	113.522
5843.000	113.522	113.522	5844.000	113.522	113.522	5845.000	113.522	113.522	5846.000	113.522	113.522

Project: Clinton Flex Study  
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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5847.000	113.522	113.522	5848.000	113.522	113.522	5849.000	113.522	113.522	5850.000	113.522	113.522
5851.000	113.522	113.522	5852.000	113.522	113.522	5853.000	113.522	113.522	5854.000	113.522	113.522
5855.000	113.521	113.521	5856.000	113.521	113.521	5857.000	113.521	113.521	5858.000	113.521	113.521
5859.000	113.521	113.521	5860.000	113.521	113.521	5861.000	113.521	113.521	5862.000	113.521	113.521
5863.000	113.521	113.521	5864.000	113.521	113.521	5865.000	113.521	113.521	5866.000	113.521	113.521
5867.000	113.521	113.521	5868.000	113.520	113.520	5869.000	113.520	113.520	5870.000	113.520	113.520
5871.000	113.520	113.520	5872.000	113.520	113.520	5873.000	113.520	113.520	5874.000	113.520	113.520
5875.000	113.520	113.520	5876.000	113.520	113.520	5877.000	113.520	113.520	5878.000	113.520	113.520
5879.000	113.520	113.520	5880.000	113.520	113.520	5881.000	113.519	113.519	5882.000	113.519	113.519
5883.000	113.519	113.519	5884.000	113.519	113.519	5885.000	113.519	113.519	5886.000	113.519	113.519
5887.000	113.519	113.519	5888.000	113.519	113.519	5889.000	113.519	113.519	5890.000	113.519	113.519
5891.000	113.519	113.519	5892.000	113.519	113.519	5893.000	113.519	113.519	5894.000	113.518	113.518
5895.000	113.518	113.518	5896.000	113.518	113.518	5897.000	113.518	113.518	5898.000	113.518	113.518
5899.000	113.518	113.518	5900.000	113.518	113.518	5901.000	113.518	113.518	5902.000	113.518	113.518
5903.000	113.518	113.518	5904.000	113.518	113.518	5905.000	113.518	113.518	5906.000	113.518	113.518
5907.000	113.517	113.517	5908.000	113.517	113.517	5909.000	113.517	113.517	5910.000	113.517	113.517
5911.000	113.517	113.517	5912.000	113.517	113.517	5913.000	113.517	113.517	5914.000	113.517	113.517
5915.000	113.517	113.517	5916.000	113.517	113.517	5917.000	113.517	113.517	5918.000	113.517	113.517
5919.000	113.517	113.517	5920.000	113.516	113.516	5921.000	113.516	113.516	5922.000	113.516	113.516
5923.000	113.516	113.516	5924.000	113.516	113.516	5925.000	113.516	113.516	5926.000	113.516	113.516
5927.000	113.516	113.516	5928.000	113.516	113.516	5929.000	113.516	113.516	5930.000	113.516	113.516
5931.000	113.516	113.516	5932.000	113.515	113.515	5933.000	113.515	113.515	5934.000	113.515	113.515
5935.000	113.515	113.515	5936.000	113.515	113.515	5937.000	113.515	113.515	5938.000	113.515	113.515
5939.000	113.515	113.515	5940.000	113.515	113.515	5941.000	113.515	113.515	5942.000	113.515	113.515
5943.000	113.515	113.515	5944.000	113.514	113.514	5945.000	113.514	113.514	5946.000	113.514	113.514
5947.000	113.514	113.514	5948.000	113.514	113.514	5949.000	113.514	113.514	5950.000	113.514	113.514
5951.000	113.514	113.514	5952.000	113.514	113.514	5953.000	113.514	113.514	5954.000	113.514	113.514
5955.000	113.514	113.514	5956.000	113.513	113.513	5957.000	113.513	113.513	5958.000	113.513	113.513
5959.000	113.513	113.513	5960.000	113.513	113.513	5961.000	113.513	113.513	5962.000	113.513	113.513
5963.000	113.513	113.513	5964.000	113.513	113.513	5965.000	113.513	113.513	5966.000	113.513	113.513
5967.000	113.512	113.512	5968.000	113.512	113.512	5969.000	113.512	113.512	5970.000	113.512	113.512
5971.000	113.512	113.512	5972.000	113.512	113.512	5973.000	113.512	113.512	5974.000	113.512	113.512
5975.000	113.512	113.512	5976.000	113.512	113.512	5977.000	113.512	113.512	5978.000	113.511	113.511
5979.000	113.511	113.511	5980.000	113.511	113.511	5981.000	113.511	113.511	5982.000	113.511	113.511
5983.000	113.511	113.511	5984.000	113.511	113.511	5985.000	113.511	113.511	5986.000	113.511	113.511
5987.000	113.511	113.511	5988.000	113.511	113.511	5989.000	113.511	113.511	5990.000	113.510	113.510
5991.000	113.510	113.510	5992.000	113.510	113.510	5993.000	113.510	113.510	5994.000	113.510	113.510

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
5995.000	113.510	113.510	5996.000	113.510	113.510	5997.000	113.510	113.510	5998.000	113.510	113.510
5999.000	113.510	113.510	6000.000	113.509	113.509	6001.000	113.509	113.509	6002.000	113.509	113.509
6003.000	113.509	113.509	6004.000	113.509	113.509	6005.000	113.509	113.509	6006.000	113.509	113.509
6007.000	113.509	113.509	6008.000	113.509	113.509	6009.000	113.509	113.509	6010.000	113.509	113.509
6011.000	113.508	113.508	6012.000	113.508	113.508	6013.000	113.508	113.508	6014.000	113.508	113.508
6015.000	113.508	113.508	6016.000	113.508	113.508	6017.000	113.508	113.508	6018.000	113.508	113.508
6019.000	113.508	113.508	6020.000	113.508	113.508	6021.000	113.508	113.508	6022.000	113.507	113.507
6023.000	113.507	113.507	6024.000	113.507	113.507	6025.000	113.507	113.507	6026.000	113.507	113.507
6027.000	113.507	113.507	6028.000	113.507	113.507	6029.000	113.507	113.507	6030.000	113.507	113.507
6031.000	113.507	113.507	6032.000	113.506	113.506	6033.000	113.506	113.506	6034.000	113.506	113.506
6035.000	113.506	113.506	6036.000	113.506	113.506	6037.000	113.506	113.506	6038.000	113.506	113.506
6039.000	113.506	113.506	6040.000	113.506	113.506	6041.000	113.506	113.506	6042.000	113.505	113.505
6043.000	113.505	113.505	6044.000	113.505	113.505	6045.000	113.505	113.505	6046.000	113.505	113.505
6047.000	113.505	113.505	6048.000	113.505	113.505	6049.000	113.505	113.505	6050.000	113.505	113.505
6051.000	113.505	113.505	6052.000	113.504	113.504	6053.000	113.504	113.504	6054.000	113.504	113.504
6055.000	113.504	113.504	6056.000	113.504	113.504	6057.000	113.504	113.504	6058.000	113.504	113.504
6059.000	113.504	113.504	6060.000	113.504	113.504	6061.000	113.504	113.504	6062.000	113.503	113.503
6063.000	113.503	113.503	6064.000	113.503	113.503	6065.000	113.503	113.503	6066.000	113.503	113.503
6067.000	113.503	113.503	6068.000	113.503	113.503	6069.000	113.503	113.503	6070.000	113.503	113.503
6071.000	113.503	113.503	6072.000	113.502	113.502	6073.000	113.502	113.502	6074.000	113.502	113.502
6075.000	113.502	113.502	6076.000	113.502	113.502	6077.000	113.502	113.502	6078.000	113.502	113.502
6079.000	113.502	113.502	6080.000	113.502	113.502	6081.000	113.501	113.501	6082.000	113.501	113.501
6083.000	113.501	113.501	6084.000	113.501	113.501	6085.000	113.501	113.501	6086.000	113.501	113.501
6087.000	113.501	113.501	6088.000	113.501	113.501	6089.000	113.501	113.501	6090.000	113.500	113.500
6091.000	113.500	113.500	6092.000	113.500	113.500	6093.000	113.500	113.500	6094.000	113.500	113.500
6095.000	113.500	113.500	6096.000	113.500	113.500	6097.000	113.500	113.500	6098.000	113.500	113.500
6099.000	113.499	113.499	6100.000	113.499	113.499	6101.000	113.499	113.499	6102.000	113.499	113.499
6103.000	113.499	113.499	6104.000	113.499	113.499	6105.000	113.499	113.499	6106.000	113.499	113.499
6107.000	113.499	113.499	6108.000	113.498	113.498	6109.000	113.498	113.498	6110.000	113.498	113.498
6111.000	113.498	113.498	6112.000	113.498	113.498	6113.000	113.498	113.498	6114.000	113.498	113.498
6115.000	113.498	113.498	6116.000	113.498	113.498	6117.000	113.497	113.497	6118.000	113.497	113.497
6119.000	113.497	113.497	6120.000	113.497	113.497	6121.000	113.497	113.497	6122.000	113.497	113.497
6123.000	113.497	113.497	6124.000	113.497	113.497	6125.000	113.497	113.497	6126.000	113.496	113.496
6127.000	113.496	113.496	6128.000	113.496	113.496	6129.000	113.495	113.495	6130.000	113.495	113.495
6131.000	113.495	113.495	6132.000	113.494	113.494	6133.000	113.494	113.494	6134.000	113.493	113.493
6135.000	113.493	113.493	6136.000	113.493	113.493	6137.000	113.492	113.492	6138.000	113.492	113.492
6139.000	113.492	113.492	6140.000	113.491	113.491	6141.000	113.491	113.491	6142.000	113.490	113.490

Project: Clinton Flex Study  
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Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6143.000	113.490	113.490	6144.000	113.490	113.490	6145.000	113.489	113.489	6146.000	113.489	113.489
6147.000	113.489	113.489	6148.000	113.488	113.488	6149.000	113.488	113.488	6150.000	113.488	113.488
6151.000	113.487	113.487	6152.000	113.487	113.487	6153.000	113.486	113.486	6154.000	113.486	113.486
6155.000	113.486	113.486	6156.000	113.485	113.485	6157.000	113.485	113.485	6158.000	113.485	113.485
6159.000	113.484	113.484	6160.000	113.484	113.484	6161.000	113.483	113.483	6162.000	113.483	113.483
6163.000	113.483	113.483	6164.000	113.482	113.482	6165.000	113.482	113.482	6166.000	113.482	113.482
6167.000	113.481	113.481	6168.000	113.481	113.481	6169.000	113.480	113.480	6170.000	113.480	113.480
6171.000	113.480	113.480	6172.000	113.479	113.479	6173.000	113.479	113.479	6174.000	113.479	113.479
6175.000	113.478	113.478	6176.000	113.478	113.478	6177.000	113.477	113.477	6178.000	113.477	113.477
6179.000	113.477	113.477	6180.000	113.476	113.476	6181.000	113.476	113.476	6182.000	113.476	113.476
6183.000	113.475	113.475	6184.000	113.475	113.475	6185.000	113.474	113.474	6186.000	113.474	113.474
6187.000	113.474	113.474	6188.000	113.473	113.473	6189.000	113.473	113.473	6190.000	113.472	113.472
6191.000	113.472	113.472	6192.000	113.472	113.472	6193.000	113.471	113.471	6194.000	113.471	113.471
6195.000	113.471	113.471	6196.000	113.470	113.470	6197.000	113.470	113.470	6198.000	113.469	113.469
6199.000	113.469	113.469	6200.000	113.469	113.469	6201.000	113.468	113.468	6202.000	113.468	113.468
6203.000	113.467	113.467	6204.000	113.467	113.467	6205.000	113.467	113.467	6206.000	113.466	113.466
6207.000	113.466	113.466	6208.000	113.466	113.466	6209.000	113.465	113.465	6210.000	113.465	113.465
6211.000	113.464	113.464	6212.000	113.464	113.464	6213.000	113.464	113.464	6214.000	113.463	113.463
6215.000	113.463	113.463	6216.000	113.462	113.462	6217.000	113.462	113.462	6218.000	113.462	113.462
6219.000	113.461	113.461	6220.000	113.461	113.461	6221.000	113.460	113.460	6222.000	113.460	113.460
6223.000	113.460	113.460	6224.000	113.459	113.459	6225.000	113.459	113.459	6226.000	113.458	113.458
6227.000	113.458	113.458	6228.000	113.458	113.458	6229.000	113.457	113.457	6230.000	113.457	113.457
6231.000	113.456	113.456	6232.000	113.456	113.456	6233.000	113.456	113.456	6234.000	113.455	113.455
6235.000	113.455	113.455	6236.000	113.454	113.454	6237.000	113.454	113.454	6238.000	113.454	113.454
6239.000	113.453	113.453	6240.000	113.453	113.453	6241.000	113.453	113.453	6242.000	113.452	113.452
6243.000	113.452	113.452	6244.000	113.451	113.451	6245.000	113.451	113.451	6246.000	113.451	113.451
6247.000	113.450	113.450	6248.000	113.450	113.450	6249.000	113.449	113.449	6250.000	113.449	113.449
6251.000	113.448	113.448	6252.000	113.448	113.448	6253.000	113.448	113.448	6254.000	113.447	113.447
6255.000	113.447	113.447	6256.000	113.446	113.446	6257.000	113.446	113.446	6258.000	113.446	113.446
6259.000	113.445	113.445	6260.000	113.445	113.445	6261.000	113.444	113.444	6262.000	113.444	113.444
6263.000	113.444	113.444	6264.000	113.443	113.443	6265.000	113.443	113.443	6266.000	113.442	113.442
6267.000	113.442	113.442	6268.000	113.442	113.442	6269.000	113.441	113.441	6270.000	113.441	113.441
6271.000	113.440	113.440	6272.000	113.440	113.440	6273.000	113.440	113.440	6274.000	113.439	113.439
6275.000	113.439	113.439	6276.000	113.438	113.438	6277.000	113.438	113.438	6278.000	113.437	113.437
6279.000	113.437	113.437	6280.000	113.437	113.437	6281.000	113.436	113.436	6282.000	113.436	113.436
6283.000	113.435	113.435	6284.000	113.435	113.435	6285.000	113.435	113.435	6286.000	113.434	113.434
6287.000	113.434	113.434	6288.000	113.433	113.433	6289.000	113.433	113.433	6290.000	113.433	113.433

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6291.000	113.432	113.432	6292.000	113.432	113.432	6293.000	113.431	113.431	6294.000	113.431	113.431
6295.000	113.430	113.430	6296.000	113.430	113.430	6297.000	113.430	113.430	6298.000	113.429	113.429
6299.000	113.429	113.429	6300.000	113.428	113.428	6301.000	113.428	113.428	6302.000	113.428	113.428
6303.000	113.427	113.427	6304.000	113.427	113.427	6305.000	113.426	113.426	6306.000	113.426	113.426
6307.000	113.425	113.425	6308.000	113.425	113.425	6309.000	113.425	113.425	6310.000	113.424	113.424
6311.000	113.424	113.424	6312.000	113.423	113.423	6313.000	113.423	113.423	6314.000	113.422	113.422
6315.000	113.422	113.422	6316.000	113.422	113.422	6317.000	113.421	113.421	6318.000	113.421	113.421
6319.000	113.420	113.420	6320.000	113.420	113.420	6321.000	113.419	113.419	6322.000	113.419	113.419
6323.000	113.419	113.419	6324.000	113.418	113.418	6325.000	113.418	113.418	6326.000	113.417	113.417
6327.000	113.417	113.417	6328.000	113.416	113.416	6329.000	113.416	113.416	6330.000	113.416	113.416
6331.000	113.415	113.415	6332.000	113.415	113.415	6333.000	113.414	113.414	6334.000	113.414	113.414
6335.000	113.413	113.413	6336.000	113.413	113.413	6337.000	113.413	113.413	6338.000	113.412	113.412
6339.000	113.412	113.412	6340.000	113.411	113.411	6341.000	113.411	113.411	6342.000	113.410	113.410
6343.000	113.410	113.410	6344.000	113.410	113.410	6345.000	113.409	113.409	6346.000	113.409	113.409
6347.000	113.408	113.408	6348.000	113.408	113.408	6349.000	113.407	113.407	6350.000	113.407	113.407
6351.000	113.406	113.406	6352.000	113.406	113.406	6353.000	113.406	113.406	6354.000	113.405	113.405
6355.000	113.405	113.405	6356.000	113.404	113.404	6357.000	113.404	113.404	6358.000	113.403	113.403
6359.000	113.403	113.403	6360.000	113.403	113.403	6361.000	113.402	113.402	6362.000	113.402	113.402
6363.000	113.401	113.401	6364.000	113.401	113.401	6365.000	113.400	113.400	6366.000	113.400	113.400
6367.000	113.399	113.399	6368.000	113.399	113.399	6369.000	113.399	113.399	6370.000	113.398	113.398
6371.000	113.398	113.398	6372.000	113.397	113.397	6373.000	113.397	113.397	6374.000	113.396	113.396
6375.000	113.396	113.396	6376.000	113.395	113.395	6377.000	113.395	113.395	6378.000	113.395	113.395
6379.000	113.394	113.394	6380.000	113.394	113.394	6381.000	113.393	113.393	6382.000	113.393	113.393
6383.000	113.392	113.392	6384.000	113.392	113.392	6385.000	113.391	113.391	6386.000	113.391	113.391
6387.000	113.390	113.390	6388.000	113.390	113.390	6389.000	113.390	113.390	6390.000	113.389	113.389
6391.000	113.389	113.389	6392.000	113.388	113.388	6393.000	113.388	113.388	6394.000	113.387	113.387
6395.000	113.387	113.387	6396.000	113.386	113.386	6397.000	113.386	113.386	6398.000	113.385	113.385
6399.000	113.385	113.385	6400.000	113.385	113.385	6401.000	113.384	113.384	6402.000	113.384	113.384
6403.000	113.383	113.383	6404.000	113.383	113.383	6405.000	113.382	113.382	6406.000	113.382	113.382
6407.000	113.381	113.381	6408.000	113.381	113.381	6409.000	113.380	113.380	6410.000	113.380	113.380
6411.000	113.379	113.379	6412.000	113.379	113.379	6413.000	113.379	113.379	6414.000	113.378	113.378
6415.000	113.378	113.378	6416.000	113.377	113.377	6417.000	113.377	113.377	6418.000	113.376	113.376
6419.000	113.376	113.376	6420.000	113.375	113.375	6421.000	113.375	113.375	6422.000	113.374	113.374
6423.000	113.374	113.374	6424.000	113.373	113.373	6425.000	113.373	113.373	6426.000	113.373	113.373
6427.000	113.372	113.372	6428.000	113.372	113.372	6429.000	113.371	113.371	6430.000	113.371	113.371
6431.000	113.370	113.370	6432.000	113.370	113.370	6433.000	113.369	113.369	6434.000	113.369	113.369
6435.000	113.368	113.368	6436.000	113.368	113.368	6437.000	113.367	113.367	6438.000	113.367	113.367

Project: Clinton Flex Study  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6439.000	113.366	113.366	6440.000	113.366	113.366	6441.000	113.365	113.365	6442.000	113.365	113.365
6443.000	113.364	113.364	6444.000	113.364	113.364	6445.000	113.364	113.364	6446.000	113.363	113.363
6447.000	113.363	113.363	6448.000	113.362	113.362	6449.000	113.362	113.362	6450.000	113.361	113.361
6451.000	113.361	113.361	6452.000	113.360	113.360	6453.000	113.360	113.360	6454.000	113.359	113.359
6455.000	113.359	113.359	6456.000	113.358	113.358	6457.000	113.358	113.358	6458.000	113.357	113.357
6459.000	113.357	113.357	6460.000	113.356	113.356	6461.000	113.356	113.356	6462.000	113.355	113.355
6463.000	113.355	113.355	6464.000	113.354	113.354	6465.000	113.354	113.354	6466.000	113.353	113.353
6467.000	113.353	113.353	6468.000	113.352	113.352	6469.000	113.352	113.352	6470.000	113.351	113.351
6471.000	113.351	113.351	6472.000	113.351	113.351	6473.000	113.350	113.350	6474.000	113.350	113.350
6475.000	113.349	113.349	6476.000	113.349	113.349	6477.000	113.348	113.348	6478.000	113.348	113.348
6479.000	113.347	113.347	6480.000	113.347	113.347	6481.000	113.346	113.346	6482.000	113.346	113.346
6483.000	113.345	113.345	6484.000	113.345	113.345	6485.000	113.344	113.344	6486.000	113.344	113.344
6487.000	113.343	113.343	6488.000	113.343	113.343	6489.000	113.342	113.342	6490.000	113.342	113.342
6491.000	113.341	113.341	6492.000	113.341	113.341	6493.000	113.340	113.340	6494.000	113.340	113.340
6495.000	113.339	113.339	6496.000	113.339	113.339	6497.000	113.339	113.339	6498.000	113.338	113.338
6499.000	113.338	113.338	6500.000	113.337	113.337	6501.000	113.337	113.337	6502.000	113.336	113.336
6503.000	113.336	113.336	6504.000	113.336	113.336	6505.000	113.335	113.335	6506.000	113.335	113.335
6507.000	113.334	113.334	6508.000	113.334	113.334	6509.000	113.333	113.333	6510.000	113.333	113.333
6511.000	113.332	113.332	6512.000	113.332	113.332	6513.000	113.332	113.332	6514.000	113.331	113.331
6515.000	113.331	113.331	6516.000	113.330	113.330	6517.000	113.330	113.330	6518.000	113.329	113.329
6519.000	113.329	113.329	6520.000	113.328	113.328	6521.000	113.328	113.328	6522.000	113.328	113.328
6523.000	113.327	113.327	6524.000	113.327	113.327	6525.000	113.326	113.326	6526.000	113.326	113.326
6527.000	113.325	113.325	6528.000	113.325	113.325	6529.000	113.324	113.324	6530.000	113.324	113.324
6531.000	113.324	113.324	6532.000	113.323	113.323	6533.000	113.323	113.323	6534.000	113.322	113.322
6535.000	113.322	113.322	6536.000	113.321	113.321	6537.000	113.321	113.321	6538.000	113.320	113.320
6539.000	113.320	113.320	6540.000	113.319	113.319	6541.000	113.319	113.319	6542.000	113.319	113.319
6543.000	113.318	113.318	6544.000	113.318	113.318	6545.000	113.317	113.317	6546.000	113.317	113.317
6547.000	113.316	113.316	6548.000	113.316	113.316	6549.000	113.315	113.315	6550.000	113.315	113.315
6551.000	113.314	113.314	6552.000	113.314	113.314	6553.000	113.313	113.313	6554.000	113.313	113.313
6555.000	113.312	113.312	6556.000	113.312	113.312	6557.000	113.312	113.312	6558.000	113.311	113.311
6559.000	113.311	113.311	6560.000	113.310	113.310	6561.000	113.310	113.310	6562.000	113.309	113.309
6563.000	113.309	113.309	6564.000	113.308	113.308	6565.000	113.308	113.308	6566.000	113.307	113.307
6567.000	113.307	113.307	6568.000	113.306	113.306	6569.000	113.306	113.306	6570.000	113.305	113.305
6571.000	113.305	113.305	6572.000	113.304	113.304	6573.000	113.304	113.304	6574.000	113.303	113.303
6575.000	113.303	113.303	6576.000	113.302	113.302	6577.000	113.302	113.302	6578.000	113.301	113.301
6579.000	113.301	113.301	6580.000	113.301	113.301	6581.000	113.300	113.300	6582.000	113.300	113.300
6583.000	113.299	113.299	6584.000	113.299	113.299	6585.000	113.298	113.298	6586.000	113.298	113.298

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6587.000	113.297	113.297	6588.000	113.297	113.297	6589.000	113.296	113.296	6590.000	113.296	113.296
6591.000	113.295	113.295	6592.000	113.295	113.295	6593.000	113.294	113.294	6594.000	113.294	113.294
6595.000	113.293	113.293	6596.000	113.293	113.293	6597.000	113.292	113.292	6598.000	113.292	113.292
6599.000	113.291	113.291	6600.000	113.291	113.291	6601.000	113.290	113.290	6602.000	113.290	113.290
6603.000	113.289	113.289	6604.000	113.289	113.289	6605.000	113.288	113.288	6606.000	113.288	113.288
6607.000	113.287	113.287	6608.000	113.287	113.287	6609.000	113.286	113.286	6610.000	113.286	113.286
6611.000	113.285	113.285	6612.000	113.285	113.285	6613.000	113.284	113.284	6614.000	113.284	113.284
6615.000	113.283	113.283	6616.000	113.282	113.282	6617.000	113.282	113.282	6618.000	113.281	113.281
6619.000	113.281	113.281	6620.000	113.280	113.280	6621.000	113.280	113.280	6622.000	113.279	113.279
6623.000	113.279	113.279	6624.000	113.278	113.278	6625.000	113.278	113.278	6626.000	113.277	113.277
6627.000	113.277	113.277	6628.000	113.276	113.276	6629.000	113.276	113.276	6630.000	113.275	113.275
6631.000	113.275	113.275	6632.000	113.274	113.274	6633.000	113.274	113.274	6634.000	113.273	113.273
6635.000	113.273	113.273	6636.000	113.272	113.272	6637.000	113.272	113.272	6638.000	113.271	113.271
6639.000	113.270	113.270	6640.000	113.270	113.270	6641.000	113.269	113.269	6642.000	113.269	113.269
6643.000	113.268	113.268	6644.000	113.268	113.268	6645.000	113.267	113.267	6646.000	113.267	113.267
6647.000	113.266	113.266	6648.000	113.266	113.266	6649.000	113.265	113.265	6650.000	113.265	113.265
6651.000	113.264	113.264	6652.000	113.263	113.263	6653.000	113.263	113.263	6654.000	113.262	113.262
6655.000	113.262	113.262	6656.000	113.261	113.261	6657.000	113.261	113.261	6658.000	113.260	113.260
6659.000	113.260	113.260	6660.000	113.259	113.259	6661.000	113.259	113.259	6662.000	113.258	113.258
6663.000	113.257	113.257	6664.000	113.257	113.257	6665.000	113.256	113.256	6666.000	113.256	113.256
6667.000	113.255	113.255	6668.000	113.255	113.255	6669.000	113.254	113.254	6670.000	113.254	113.254
6671.000	113.253	113.253	6672.000	113.252	113.252	6673.000	113.252	113.252	6674.000	113.251	113.251
6675.000	113.251	113.251	6676.000	113.250	113.250	6677.000	113.250	113.250	6678.000	113.249	113.249
6679.000	113.248	113.248	6680.000	113.248	113.248	6681.000	113.247	113.247	6682.000	113.247	113.247
6683.000	113.246	113.246	6684.000	113.246	113.246	6685.000	113.245	113.245	6686.000	113.244	113.244
6687.000	113.244	113.244	6688.000	113.243	113.243	6689.000	113.243	113.243	6690.000	113.242	113.242
6691.000	113.242	113.242	6692.000	113.241	113.241	6693.000	113.240	113.240	6694.000	113.240	113.240
6695.000	113.239	113.239	6696.000	113.239	113.239	6697.000	113.238	113.238	6698.000	113.237	113.237
6699.000	113.237	113.237	6700.000	113.236	113.236	6701.000	113.235	113.235	6702.000	113.234	113.234
6703.000	113.234	113.234	6704.000	113.233	113.233	6705.000	113.232	113.232	6706.000	113.232	113.232
6707.000	113.231	113.231	6708.000	113.230	113.230	6709.000	113.230	113.230	6710.000	113.229	113.229
6711.000	113.228	113.228	6712.000	113.227	113.227	6713.000	113.227	113.227	6714.000	113.226	113.226
6715.000	113.225	113.225	6716.000	113.225	113.225	6717.000	113.224	113.224	6718.000	113.223	113.223
6719.000	113.222	113.222	6720.000	113.222	113.222	6721.000	113.221	113.221	6722.000	113.220	113.220
6723.000	113.220	113.220	6724.000	113.219	113.219	6725.000	113.218	113.218	6726.000	113.218	113.218
6727.000	113.217	113.217	6728.000	113.216	113.216	6729.000	113.215	113.215	6730.000	113.215	113.215
6731.000	113.214	113.214	6732.000	113.213	113.213	6733.000	113.213	113.213	6734.000	113.212	113.212

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DIV 1 Battery 1A 48-Hour Coping Study

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DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6735.000	113.211	113.211	6736.000	113.210	113.210	6737.000	113.210	113.210	6738.000	113.209	113.209
6739.000	113.208	113.208	6740.000	113.208	113.208	6741.000	113.207	113.207	6742.000	113.206	113.206
6743.000	113.205	113.205	6744.000	113.205	113.205	6745.000	113.204	113.204	6746.000	113.203	113.203
6747.000	113.203	113.203	6748.000	113.202	113.202	6749.000	113.201	113.201	6750.000	113.200	113.200
6751.000	113.200	113.200	6752.000	113.199	113.199	6753.000	113.198	113.198	6754.000	113.198	113.198
6755.000	113.197	113.197	6756.000	113.196	113.196	6757.000	113.195	113.195	6758.000	113.195	113.195
6759.000	113.194	113.194	6760.000	113.193	113.193	6761.000	113.193	113.193	6762.000	113.192	113.192
6763.000	113.191	113.191	6764.000	113.190	113.190	6765.000	113.190	113.190	6766.000	113.189	113.189
6767.000	113.188	113.188	6768.000	113.188	113.188	6769.000	113.187	113.187	6770.000	113.186	113.186
6771.000	113.185	113.185	6772.000	113.185	113.185	6773.000	113.184	113.184	6774.000	113.183	113.183
6775.000	113.182	113.182	6776.000	113.182	113.182	6777.000	113.181	113.181	6778.000	113.180	113.180
6779.000	113.180	113.180	6780.000	113.179	113.179	6781.000	113.178	113.178	6782.000	113.177	113.177
6783.000	113.177	113.177	6784.000	113.176	113.176	6785.000	113.175	113.175	6786.000	113.174	113.174
6787.000	113.174	113.174	6788.000	113.173	113.173	6789.000	113.172	113.172	6790.000	113.172	113.172
6791.000	113.171	113.171	6792.000	113.170	113.170	6793.000	113.169	113.169	6794.000	113.169	113.169
6795.000	113.168	113.168	6796.000	113.167	113.167	6797.000	113.167	113.167	6798.000	113.166	113.166
6799.000	113.165	113.165	6800.000	113.164	113.164	6801.000	113.164	113.164	6802.000	113.163	113.163
6803.000	113.162	113.162	6804.000	113.161	113.161	6805.000	113.161	113.161	6806.000	113.160	113.160
6807.000	113.159	113.159	6808.000	113.158	113.158	6809.000	113.158	113.158	6810.000	113.157	113.157
6811.000	113.156	113.156	6812.000	113.156	113.156	6813.000	113.155	113.155	6814.000	113.154	113.154
6815.000	113.153	113.153	6816.000	113.153	113.153	6817.000	113.152	113.152	6818.000	113.151	113.151
6819.000	113.150	113.150	6820.000	113.150	113.150	6821.000	113.149	113.149	6822.000	113.148	113.148
6823.000	113.148	113.148	6824.000	113.147	113.147	6825.000	113.146	113.146	6826.000	113.145	113.145
6827.000	113.145	113.145	6828.000	113.144	113.144	6829.000	113.143	113.143	6830.000	113.142	113.142
6831.000	113.142	113.142	6832.000	113.141	113.141	6833.000	113.140	113.140	6834.000	113.139	113.139
6835.000	113.139	113.139	6836.000	113.138	113.138	6837.000	113.137	113.137	6838.000	113.136	113.136
6839.000	113.136	113.136	6840.000	113.135	113.135	6841.000	113.134	113.134	6842.000	113.134	113.134
6843.000	113.133	113.133	6844.000	113.132	113.132	6845.000	113.131	113.131	6846.000	113.131	113.131
6847.000	113.130	113.130	6848.000	113.129	113.129	6849.000	113.128	113.128	6850.000	113.128	113.128
6851.000	113.127	113.127	6852.000	113.126	113.126	6853.000	113.125	113.125	6854.000	113.125	113.125
6855.000	113.124	113.124	6856.000	113.123	113.123	6857.000	113.122	113.122	6858.000	113.122	113.122
6859.000	113.121	113.121	6860.000	113.120	113.120	6861.000	113.119	113.119	6862.000	113.119	113.119
6863.000	113.118	113.118	6864.000	113.117	113.117	6865.000	113.116	113.116	6866.000	113.116	113.116
6867.000	113.115	113.115	6868.000	113.114	113.114	6869.000	113.113	113.113	6870.000	113.113	113.113
6871.000	113.112	113.112	6872.000	113.111	113.111	6873.000	113.110	113.110	6874.000	113.110	113.110
6875.000	113.109	113.109	6876.000	113.108	113.108	6877.000	113.107	113.107	6878.000	113.107	113.107
6879.000	113.106	113.106	6880.000	113.105	113.105	6881.000	113.104	113.104	6882.000	113.104	113.104

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

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DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
6883.000	113.103	113.103	6884.000	113.102	113.102	6885.000	113.101	113.101	6886.000	113.101	113.101
6887.000	113.100	113.100	6888.000	113.099	113.099	6889.000	113.098	113.098	6890.000	113.098	113.098
6891.000	113.097	113.097	6892.000	113.096	113.096	6893.000	113.095	113.095	6894.000	113.095	113.095
6895.000	113.094	113.094	6896.000	113.093	113.093	6897.000	113.092	113.092	6898.000	113.092	113.092
6899.000	113.091	113.091	6900.000	113.090	113.090	6901.000	113.089	113.089	6902.000	113.089	113.089
6903.000	113.088	113.088	6904.000	113.087	113.087	6905.000	113.086	113.086	6906.000	113.086	113.086
6907.000	113.085	113.085	6908.000	113.084	113.084	6909.000	113.083	113.083	6910.000	113.083	113.083
6911.000	113.082	113.082	6912.000	113.081	113.081	6913.000	113.080	113.080	6914.000	113.080	113.080
6915.000	113.079	113.079	6916.000	113.078	113.078	6917.000	113.077	113.077	6918.000	113.077	113.077
6919.000	113.076	113.076	6920.000	113.075	113.075	6921.000	113.074	113.074	6922.000	113.074	113.074
6923.000	113.073	113.073	6924.000	113.072	113.072	6925.000	113.071	113.071	6926.000	113.070	113.070
6927.000	113.070	113.070	6928.000	113.069	113.069	6929.000	113.068	113.068	6930.000	113.067	113.067
6931.000	113.067	113.067	6932.000	113.066	113.066	6933.000	113.065	113.065	6934.000	113.064	113.064
6935.000	113.064	113.064	6936.000	113.063	113.063	6937.000	113.062	113.062	6938.000	113.061	113.061
6939.000	113.061	113.061	6940.000	113.060	113.060	6941.000	113.059	113.059	6942.000	113.058	113.058
6943.000	113.054	113.054	6944.000	113.054	113.054	6945.000	113.054	113.054	6946.000	113.054	113.054
6947.000	113.054	113.054	6948.000	113.054	113.054	6949.000	113.054	113.054	6950.000	113.054	113.054
6951.000	113.054	113.054	6952.000	113.051	113.051	6953.000	113.050	113.050	6954.000	113.049	113.049
6955.000	113.048	113.048	6956.000	113.047	113.047	6957.000	113.047	113.047	6958.000	113.046	113.046
6959.000	113.045	113.045	6960.000	113.044	113.044	6961.000	113.044	113.044	6962.000	113.043	113.043
6963.000	113.042	113.042	6964.000	113.041	113.041	6965.000	113.041	113.041	6966.000	113.040	113.040
6967.000	113.039	113.039	6968.000	113.038	113.038	6969.000	113.037	113.037	6970.000	113.037	113.037
6971.000	113.036	113.036	6972.000	113.035	113.035	6973.000	113.034	113.034	6974.000	113.034	113.034
6975.000	113.033	113.033	6976.000	113.032	113.032	6977.000	113.031	113.031	6978.000	113.030	113.030
6979.000	113.030	113.030	6980.000	113.029	113.029	6981.000	113.028	113.028	6982.000	113.027	113.027
6983.000	113.027	113.027	6984.000	113.026	113.026	6985.000	113.025	113.025	6986.000	113.024	113.024
6987.000	113.023	113.023	6988.000	113.023	113.023	6989.000	113.022	113.022	6990.000	113.021	113.021
6991.000	113.020	113.020	6992.000	113.020	113.020	6993.000	113.019	113.019	6994.000	113.018	113.018
6995.000	113.017	113.017	6996.000	113.016	113.016	6997.000	113.016	113.016	6998.000	113.015	113.015
6999.000	113.014	113.014	7000.000	113.013	113.013	7001.000	113.013	113.013	7002.000	113.012	113.012
7003.000	113.011	113.011	7004.000	113.010	113.010	7005.000	113.009	113.009	7006.000	113.009	113.009
7007.000	113.008	113.008	7008.000	113.007	113.007	7009.000	113.006	113.006	7010.000	113.005	113.005
7011.000	113.005	113.005	7012.000	113.004	113.004	7013.000	113.003	113.003	7014.000	113.002	113.002
7015.000	113.002	113.002	7016.000	113.001	113.001	7017.000	113.000	113.000	7018.000	112.999	112.999
7019.000	112.998	112.998	7020.000	112.998	112.998	7021.000	112.997	112.997	7022.000	112.996	112.996
7023.000	112.995	112.995	7024.000	112.994	112.994	7025.000	112.994	112.994	7026.000	112.993	112.993
7027.000	112.992	112.992	7028.000	112.991	112.991	7029.000	112.990	112.990	7030.000	112.990	112.990

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7031.000	112.989	112.989	7032.000	112.988	112.988	7033.000	112.987	112.987	7034.000	112.987	112.987
7035.000	112.986	112.986	7036.000	112.985	112.985	7037.000	112.984	112.984	7038.000	112.983	112.983
7039.000	112.983	112.983	7040.000	112.982	112.982	7041.000	112.981	112.981	7042.000	112.980	112.980
7043.000	112.979	112.979	7044.000	112.979	112.979	7045.000	112.978	112.978	7046.000	112.977	112.977
7047.000	112.976	112.976	7048.000	112.975	112.975	7049.000	112.975	112.975	7050.000	112.974	112.974
7051.000	112.973	112.973	7052.000	112.972	112.972	7053.000	112.971	112.971	7054.000	112.971	112.971
7055.000	112.970	112.970	7056.000	112.969	112.969	7057.000	112.968	112.968	7058.000	112.967	112.967
7059.000	112.967	112.967	7060.000	112.966	112.966	7061.000	112.965	112.965	7062.000	112.964	112.964
7063.000	112.963	112.963	7064.000	112.963	112.963	7065.000	112.962	112.962	7066.000	112.961	112.961
7067.000	112.960	112.960	7068.000	112.959	112.959	7069.000	112.959	112.959	7070.000	112.958	112.958
7071.000	112.957	112.957	7072.000	112.956	112.956	7073.000	112.955	112.955	7074.000	112.955	112.955
7075.000	112.954	112.954	7076.000	112.953	112.953	7077.000	112.952	112.952	7078.000	112.951	112.951
7079.000	112.951	112.951	7080.000	112.950	112.950	7081.000	112.949	112.949	7082.000	112.948	112.948
7083.000	112.947	112.947	7084.000	112.946	112.946	7085.000	112.946	112.946	7086.000	112.945	112.945
7087.000	112.944	112.944	7088.000	112.943	112.943	7089.000	112.942	112.942	7090.000	112.942	112.942
7091.000	112.941	112.941	7092.000	112.940	112.940	7093.000	112.939	112.939	7094.000	112.938	112.938
7095.000	112.938	112.938	7096.000	112.937	112.937	7097.000	112.936	112.936	7098.000	112.935	112.935
7099.000	112.934	112.934	7100.000	112.934	112.934	7101.000	112.933	112.933	7102.000	112.932	112.932
7103.000	112.931	112.931	7104.000	112.930	112.930	7105.000	112.929	112.929	7106.000	112.929	112.929
7107.000	112.928	112.928	7108.000	112.927	112.927	7109.000	112.926	112.926	7110.000	112.925	112.925
7111.000	112.925	112.925	7112.000	112.924	112.924	7113.000	112.923	112.923	7114.000	112.922	112.922
7115.000	112.921	112.921	7116.000	112.920	112.920	7117.000	112.920	112.920	7118.000	112.919	112.919
7119.000	112.918	112.918	7120.000	112.917	112.917	7121.000	112.916	112.916	7122.000	112.916	112.916
7123.000	112.915	112.915	7124.000	112.914	112.914	7125.000	112.913	112.913	7126.000	112.912	112.912
7127.000	112.911	112.911	7128.000	112.911	112.911	7129.000	112.910	112.910	7130.000	112.909	112.909
7131.000	112.908	112.908	7132.000	112.907	112.907	7133.000	112.907	112.907	7134.000	112.906	112.906
7135.000	112.905	112.905	7136.000	112.904	112.904	7137.000	112.903	112.903	7138.000	112.902	112.902
7139.000	112.902	112.902	7140.000	112.901	112.901	7141.000	112.900	112.900	7142.000	112.899	112.899
7143.000	112.898	112.898	7144.000	112.897	112.897	7145.000	112.897	112.897	7146.000	112.896	112.896
7147.000	112.895	112.895	7148.000	112.894	112.894	7149.000	112.893	112.893	7150.000	112.892	112.892
7151.000	112.892	112.892	7152.000	112.891	112.891	7153.000	112.890	112.890	7154.000	112.889	112.889
7155.000	112.888	112.888	7156.000	112.888	112.888	7157.000	112.887	112.887	7158.000	112.886	112.886
7159.000	112.885	112.885	7160.000	112.884	112.884	7161.000	112.883	112.883	7162.000	112.883	112.883
7163.000	112.882	112.882	7164.000	112.881	112.881	7165.000	112.880	112.880	7166.000	112.879	112.879
7167.000	112.878	112.878	7168.000	112.878	112.878	7169.000	112.877	112.877	7170.000	112.876	112.876
7171.000	112.875	112.875	7172.000	112.874	112.874	7173.000	112.873	112.873	7174.000	112.873	112.873
7175.000	112.872	112.872	7176.000	112.871	112.871	7177.000	112.870	112.870	7178.000	112.869	112.869

Project: Clinton Flex Study  
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Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7179.000	112.868	112.868	7180.000	112.867	112.867	7181.000	112.867	112.867	7182.000	112.866	112.866
7183.000	112.865	112.865	7184.000	112.864	112.864	7185.000	112.863	112.863	7186.000	112.862	112.862
7187.000	112.862	112.862	7188.000	112.861	112.861	7189.000	112.860	112.860	7190.000	112.859	112.859
7191.000	112.858	112.858	7192.000	112.857	112.857	7193.000	112.857	112.857	7194.000	112.856	112.856
7195.000	112.855	112.855	7196.000	112.854	112.854	7197.000	112.853	112.853	7198.000	112.852	112.852
7199.000	112.852	112.852	7200.000	112.851	112.851	7201.000	112.850	112.850	7202.000	112.849	112.849
7203.000	112.848	112.848	7204.000	112.847	112.847	7205.000	112.846	112.846	7206.000	112.846	112.846
7207.000	112.845	112.845	7208.000	112.844	112.844	7209.000	112.843	112.843	7210.000	112.842	112.842
7211.000	112.841	112.841	7212.000	112.841	112.841	7213.000	112.840	112.840	7214.000	112.839	112.839
7215.000	112.838	112.838	7216.000	112.837	112.837	7217.000	112.836	112.836	7218.000	112.835	112.835
7219.000	112.835	112.835	7220.000	112.834	112.834	7221.000	112.833	112.833	7222.000	112.832	112.832
7223.000	112.831	112.831	7224.000	112.830	112.830	7225.000	112.829	112.829	7226.000	112.829	112.829
7227.000	112.828	112.828	7228.000	112.827	112.827	7229.000	112.826	112.826	7230.000	112.825	112.825
7231.000	112.824	112.824	7232.000	112.823	112.823	7233.000	112.823	112.823	7234.000	112.822	112.822
7235.000	112.821	112.821	7236.000	112.820	112.820	7237.000	112.819	112.819	7238.000	112.818	112.818
7239.000	112.818	112.818	7240.000	112.817	112.817	7241.000	112.816	112.816	7242.000	112.815	112.815
7243.000	112.814	112.814	7244.000	112.813	112.813	7245.000	112.812	112.812	7246.000	112.812	112.812
7247.000	112.811	112.811	7248.000	112.810	112.810	7249.000	112.809	112.809	7250.000	112.808	112.808
7251.000	112.807	112.807	7252.000	112.806	112.806	7253.000	112.805	112.805	7254.000	112.805	112.805
7255.000	112.804	112.804	7256.000	112.803	112.803	7257.000	112.802	112.802	7258.000	112.801	112.801
7259.000	112.800	112.800	7260.000	112.799	112.799	7261.000	112.799	112.799	7262.000	112.798	112.798
7263.000	112.797	112.797	7264.000	112.796	112.796	7265.000	112.795	112.795	7266.000	112.794	112.794
7267.000	112.793	112.793	7268.000	112.793	112.793	7269.000	112.792	112.792	7270.000	112.791	112.791
7271.000	112.790	112.790	7272.000	112.789	112.789	7273.000	112.788	112.788	7274.000	112.787	112.787
7275.000	112.786	112.786	7276.000	112.786	112.786	7277.000	112.785	112.785	7278.000	112.784	112.784
7279.000	112.783	112.783	7280.000	112.782	112.782	7281.000	112.781	112.781	7282.000	112.780	112.780
7283.000	112.779	112.779	7284.000	112.779	112.779	7285.000	112.778	112.778	7286.000	112.777	112.777
7287.000	112.776	112.776	7288.000	112.775	112.775	7289.000	112.774	112.774	7290.000	112.773	112.773
7291.000	112.772	112.772	7292.000	112.771	112.771	7293.000	112.771	112.771	7294.000	112.770	112.770
7295.000	112.769	112.769	7296.000	112.768	112.768	7297.000	112.767	112.767	7298.000	112.766	112.766
7299.000	112.765	112.765	7300.000	112.764	112.764	7301.000	112.763	112.763	7302.000	112.762	112.762
7303.000	112.762	112.762	7304.000	112.761	112.761	7305.000	112.760	112.760	7306.000	112.759	112.759
7307.000	112.758	112.758	7308.000	112.757	112.757	7309.000	112.756	112.756	7310.000	112.755	112.755
7311.000	112.754	112.754	7312.000	112.753	112.753	7313.000	112.752	112.752	7314.000	112.752	112.752
7315.000	112.751	112.751	7316.000	112.750	112.750	7317.000	112.749	112.749	7318.000	112.748	112.748
7319.000	112.747	112.747	7320.000	112.746	112.746	7321.000	112.745	112.745	7322.000	112.744	112.744
7323.000	112.743	112.743	7324.000	112.742	112.742	7325.000	112.741	112.741	7326.000	112.741	112.741

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7327.000	112.740	112.740	7328.000	112.739	112.739	7329.000	112.738	112.738	7330.000	112.737	112.737
7331.000	112.736	112.736	7332.000	112.735	112.735	7333.000	112.734	112.734	7334.000	112.733	112.733
7335.000	112.732	112.732	7336.000	112.731	112.731	7337.000	112.730	112.730	7338.000	112.729	112.729
7339.000	112.729	112.729	7340.000	112.728	112.728	7341.000	112.727	112.727	7342.000	112.726	112.726
7343.000	112.725	112.725	7344.000	112.724	112.724	7345.000	112.723	112.723	7346.000	112.722	112.722
7347.000	112.721	112.721	7348.000	112.720	112.720	7349.000	112.719	112.719	7350.000	112.718	112.718
7351.000	112.717	112.717	7352.000	112.717	112.717	7353.000	112.716	112.716	7354.000	112.715	112.715
7355.000	112.714	112.714	7356.000	112.713	112.713	7357.000	112.712	112.712	7358.000	112.711	112.711
7359.000	112.710	112.710	7360.000	112.709	112.709	7361.000	112.708	112.708	7362.000	112.707	112.707
7363.000	112.706	112.706	7364.000	112.705	112.705	7365.000	112.704	112.704	7366.000	112.703	112.703
7367.000	112.702	112.702	7368.000	112.702	112.702	7369.000	112.701	112.701	7370.000	112.700	112.700
7371.000	112.699	112.699	7372.000	112.698	112.698	7373.000	112.697	112.697	7374.000	112.696	112.696
7375.000	112.695	112.695	7376.000	112.694	112.694	7377.000	112.693	112.693	7378.000	112.692	112.692
7379.000	112.691	112.691	7380.000	112.690	112.690	7381.000	112.689	112.689	7382.000	112.688	112.688
7383.000	112.687	112.687	7384.000	112.686	112.686	7385.000	112.685	112.685	7386.000	112.685	112.685
7387.000	112.684	112.684	7388.000	112.683	112.683	7389.000	112.682	112.682	7390.000	112.681	112.681
7391.000	112.680	112.680	7392.000	112.679	112.679	7393.000	112.678	112.678	7394.000	112.677	112.677
7395.000	112.676	112.676	7396.000	112.675	112.675	7397.000	112.674	112.674	7398.000	112.673	112.673
7399.000	112.672	112.672	7400.000	112.671	112.671	7401.000	112.670	112.670	7402.000	112.669	112.669
7403.000	112.668	112.668	7404.000	112.667	112.667	7405.000	112.666	112.666	7406.000	112.665	112.665
7407.000	112.664	112.664	7408.000	112.663	112.663	7409.000	112.663	112.663	7410.000	112.662	112.662
7411.000	112.661	112.661	7412.000	112.660	112.660	7413.000	112.659	112.659	7414.000	112.658	112.658
7415.000	112.657	112.657	7416.000	112.656	112.656	7417.000	112.655	112.655	7418.000	112.654	112.654
7419.000	112.653	112.653	7420.000	112.652	112.652	7421.000	112.651	112.651	7422.000	112.650	112.650
7423.000	112.649	112.649	7424.000	112.648	112.648	7425.000	112.647	112.647	7426.000	112.646	112.646
7427.000	112.645	112.645	7428.000	112.644	112.644	7429.000	112.643	112.643	7430.000	112.642	112.642
7431.000	112.641	112.641	7432.000	112.640	112.640	7433.000	112.639	112.639	7434.000	112.638	112.638
7435.000	112.637	112.637	7436.000	112.636	112.636	7437.000	112.635	112.635	7438.000	112.634	112.634
7439.000	112.633	112.633	7440.000	112.632	112.632	7441.000	112.631	112.631	7442.000	112.630	112.630
7443.000	112.629	112.629	7444.000	112.628	112.628	7445.000	112.628	112.628	7446.000	112.627	112.627
7447.000	112.626	112.626	7448.000	112.625	112.625	7449.000	112.624	112.624	7450.000	112.623	112.623
7451.000	112.622	112.622	7452.000	112.621	112.621	7453.000	112.620	112.620	7454.000	112.619	112.619
7455.000	112.618	112.618	7456.000	112.617	112.617	7457.000	112.616	112.616	7458.000	112.615	112.615
7459.000	112.614	112.614	7460.000	112.613	112.613	7461.000	112.612	112.612	7462.000	112.611	112.611
7463.000	112.610	112.610	7464.000	112.609	112.609	7465.000	112.608	112.608	7466.000	112.607	112.607
7467.000	112.606	112.606	7468.000	112.605	112.605	7469.000	112.604	112.604	7470.000	112.603	112.603
7471.000	112.602	112.602	7472.000	112.601	112.601	7473.000	112.600	112.600	7474.000	112.599	112.599

Project: Clinton Flex Study  
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Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7475.000	112.598	112.598	7476.000	112.597	112.597	7477.000	112.596	112.596	7478.000	112.595	112.595
7479.000	112.594	112.594	7480.000	112.593	112.593	7481.000	112.592	112.592	7482.000	112.591	112.591
7483.000	112.590	112.590	7484.000	112.589	112.589	7485.000	112.588	112.588	7486.000	112.587	112.587
7487.000	112.586	112.586	7488.000	112.585	112.585	7489.000	112.584	112.584	7490.000	112.583	112.583
7491.000	112.582	112.582	7492.000	112.581	112.581	7493.000	112.580	112.580	7494.000	112.579	112.579
7495.000	112.578	112.578	7496.000	112.577	112.577	7497.000	112.576	112.576	7498.000	112.575	112.575
7499.000	112.574	112.574	7500.000	112.573	112.573	7501.000	112.572	112.572	7502.000	112.570	112.570
7503.000	112.569	112.569	7504.000	112.568	112.568	7505.000	112.567	112.567	7506.000	112.566	112.566
7507.000	112.565	112.565	7508.000	112.564	112.564	7509.000	112.563	112.563	7510.000	112.562	112.562
7511.000	112.561	112.561	7512.000	112.560	112.560	7513.000	112.559	112.559	7514.000	112.558	112.558
7515.000	112.557	112.557	7516.000	112.556	112.556	7517.000	112.555	112.555	7518.000	112.554	112.554
7519.000	112.553	112.553	7520.000	112.552	112.552	7521.000	112.551	112.551	7522.000	112.550	112.550
7523.000	112.549	112.549	7524.000	112.548	112.548	7525.000	112.547	112.547	7526.000	112.546	112.546
7527.000	112.545	112.545	7528.000	112.544	112.544	7529.000	112.543	112.543	7530.000	112.542	112.542
7531.000	112.541	112.541	7532.000	112.540	112.540	7533.000	112.539	112.539	7534.000	112.538	112.538
7535.000	112.537	112.537	7536.000	112.536	112.536	7537.000	112.535	112.535	7538.000	112.533	112.533
7539.000	112.532	112.532	7540.000	112.531	112.531	7541.000	112.530	112.530	7542.000	112.529	112.529
7543.000	112.528	112.528	7544.000	112.527	112.527	7545.000	112.526	112.526	7546.000	112.525	112.525
7547.000	112.524	112.524	7548.000	112.523	112.523	7549.000	112.522	112.522	7550.000	112.521	112.521
7551.000	112.520	112.520	7552.000	112.519	112.519	7553.000	112.518	112.518	7554.000	112.517	112.517
7555.000	112.516	112.516	7556.000	112.515	112.515	7557.000	112.514	112.514	7558.000	112.513	112.513
7559.000	112.511	112.511	7560.000	112.510	112.510	7561.000	112.509	112.509	7562.000	112.508	112.508
7563.000	112.507	112.507	7564.000	112.506	112.506	7565.000	112.505	112.505	7566.000	112.504	112.504
7567.000	112.503	112.503	7568.000	112.502	112.502	7569.000	112.501	112.501	7570.000	112.500	112.500
7571.000	112.499	112.499	7572.000	112.498	112.498	7573.000	112.497	112.497	7574.000	112.496	112.496
7575.000	112.495	112.495	7576.000	112.493	112.493	7577.000	112.492	112.492	7578.000	112.491	112.491
7579.000	112.490	112.490	7580.000	112.489	112.489	7581.000	112.488	112.488	7582.000	112.487	112.487
7583.000	112.486	112.486	7584.000	112.485	112.485	7585.000	112.484	112.484	7586.000	112.483	112.483
7587.000	112.482	112.482	7588.000	112.481	112.481	7589.000	112.480	112.480	7590.000	112.479	112.479
7591.000	112.477	112.477	7592.000	112.476	112.476	7593.000	112.475	112.475	7594.000	112.474	112.474
7595.000	112.473	112.473	7596.000	112.472	112.472	7597.000	112.471	112.471	7598.000	112.470	112.470
7599.000	112.469	112.469	7600.000	112.468	112.468	7601.000	112.467	112.467	7602.000	112.466	112.466
7603.000	112.465	112.465	7604.000	112.463	112.463	7605.000	112.462	112.462	7606.000	112.461	112.461
7607.000	112.460	112.460	7608.000	112.459	112.459	7609.000	112.458	112.458	7610.000	112.457	112.457
7611.000	112.456	112.456	7612.000	112.455	112.455	7613.000	112.454	112.454	7614.000	112.453	112.453
7615.000	112.451	112.451	7616.000	112.450	112.450	7617.000	112.449	112.449	7618.000	112.448	112.448
7619.000	112.447	112.447	7620.000	112.446	112.446	7621.000	112.445	112.445	7622.000	112.444	112.444

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7623.000	112.443	112.443	7624.000	112.442	112.442	7625.000	112.441	112.441	7626.000	112.439	112.439
7627.000	112.438	112.438	7628.000	112.437	112.437	7629.000	112.436	112.436	7630.000	112.435	112.435
7631.000	112.434	112.434	7632.000	112.433	112.433	7633.000	112.432	112.432	7634.000	112.431	112.431
7635.000	112.429	112.429	7636.000	112.428	112.428	7637.000	112.427	112.427	7638.000	112.426	112.426
7639.000	112.425	112.425	7640.000	112.424	112.424	7641.000	112.423	112.423	7642.000	112.421	112.421
7643.000	112.420	112.420	7644.000	112.419	112.419	7645.000	112.418	112.418	7646.000	112.417	112.417
7647.000	112.416	112.416	7648.000	112.415	112.415	7649.000	112.413	112.413	7650.000	112.412	112.412
7651.000	112.411	112.411	7652.000	112.410	112.410	7653.000	112.409	112.409	7654.000	112.408	112.408
7655.000	112.406	112.406	7656.000	112.405	112.405	7657.000	112.404	112.404	7658.000	112.403	112.403
7659.000	112.402	112.402	7660.000	112.401	112.401	7661.000	112.399	112.399	7662.000	112.398	112.398
7663.000	112.397	112.397	7664.000	112.396	112.396	7665.000	112.395	112.395	7666.000	112.394	112.394
7667.000	112.392	112.392	7668.000	112.391	112.391	7669.000	112.390	112.390	7670.000	112.389	112.389
7671.000	112.388	112.388	7672.000	112.387	112.387	7673.000	112.385	112.385	7674.000	112.384	112.384
7675.000	112.383	112.383	7676.000	112.382	112.382	7677.000	112.381	112.381	7678.000	112.379	112.379
7679.000	112.378	112.378	7680.000	112.377	112.377	7681.000	112.376	112.376	7682.000	112.375	112.375
7683.000	112.374	112.374	7684.000	112.372	112.372	7685.000	112.371	112.371	7686.000	112.370	112.370
7687.000	112.369	112.369	7688.000	112.368	112.368	7689.000	112.366	112.366	7690.000	112.365	112.365
7691.000	112.364	112.364	7692.000	112.363	112.363	7693.000	112.362	112.362	7694.000	112.360	112.360
7695.000	112.359	112.359	7696.000	112.358	112.358	7697.000	112.357	112.357	7698.000	112.356	112.356
7699.000	112.354	112.354	7700.000	112.353	112.353	7701.000	112.352	112.352	7702.000	112.351	112.351
7703.000	112.350	112.350	7704.000	112.348	112.348	7705.000	112.347	112.347	7706.000	112.346	112.346
7707.000	112.345	112.345	7708.000	112.344	112.344	7709.000	112.342	112.342	7710.000	112.341	112.341
7711.000	112.340	112.340	7712.000	112.339	112.339	7713.000	112.338	112.338	7714.000	112.336	112.336
7715.000	112.335	112.335	7716.000	112.334	112.334	7717.000	112.333	112.333	7718.000	112.331	112.331
7719.000	112.330	112.330	7720.000	112.329	112.329	7721.000	112.328	112.328	7722.000	112.327	112.327
7723.000	112.325	112.325	7724.000	112.324	112.324	7725.000	112.323	112.323	7726.000	112.322	112.322
7727.000	112.320	112.320	7728.000	112.319	112.319	7729.000	112.318	112.318	7730.000	112.317	112.317
7731.000	112.316	112.316	7732.000	112.314	112.314	7733.000	112.313	112.313	7734.000	112.312	112.312
7735.000	112.311	112.311	7736.000	112.309	112.309	7737.000	112.308	112.308	7738.000	112.307	112.307
7739.000	112.306	112.306	7740.000	112.304	112.304	7741.000	112.303	112.303	7742.000	112.302	112.302
7743.000	112.301	112.301	7744.000	112.299	112.299	7745.000	112.298	112.298	7746.000	112.297	112.297
7747.000	112.296	112.296	7748.000	112.295	112.295	7749.000	112.293	112.293	7750.000	112.292	112.292
7751.000	112.291	112.291	7752.000	112.290	112.290	7753.000	112.288	112.288	7754.000	112.287	112.287
7755.000	112.286	112.286	7756.000	112.285	112.285	7757.000	112.283	112.283	7758.000	112.282	112.282
7759.000	112.281	112.281	7760.000	112.279	112.279	7761.000	112.278	112.278	7762.000	112.277	112.277
7763.000	112.276	112.276	7764.000	112.274	112.274	7765.000	112.273	112.273	7766.000	112.272	112.272
7767.000	112.271	112.271	7768.000	112.269	112.269	7769.000	112.268	112.268	7770.000	112.267	112.267

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7771.000	112.266	112.266	7772.000	112.264	112.264	7773.000	112.263	112.263	7774.000	112.262	112.262
7775.000	112.260	112.260	7776.000	112.259	112.259	7777.000	112.258	112.258	7778.000	112.257	112.257
7779.000	112.255	112.255	7780.000	112.254	112.254	7781.000	112.253	112.253	7782.000	112.252	112.252
7783.000	112.250	112.250	7784.000	112.249	112.249	7785.000	112.248	112.248	7786.000	112.246	112.246
7787.000	112.245	112.245	7788.000	112.244	112.244	7789.000	112.243	112.243	7790.000	112.241	112.241
7791.000	112.240	112.240	7792.000	112.239	112.239	7793.000	112.237	112.237	7794.000	112.236	112.236
7795.000	112.235	112.235	7796.000	112.234	112.234	7797.000	112.232	112.232	7798.000	112.231	112.231
7799.000	112.230	112.230	7800.000	112.228	112.228	7801.000	112.227	112.227	7802.000	112.226	112.226
7803.000	112.224	112.224	7804.000	112.223	112.223	7805.000	112.222	112.222	7806.000	112.221	112.221
7807.000	112.219	112.219	7808.000	112.218	112.218	7809.000	112.217	112.217	7810.000	112.215	112.215
7811.000	112.214	112.214	7812.000	112.213	112.213	7813.000	112.211	112.211	7814.000	112.210	112.210
7815.000	112.209	112.209	7816.000	112.207	112.207	7817.000	112.206	112.206	7818.000	112.205	112.205
7819.000	112.203	112.203	7820.000	112.202	112.202	7821.000	112.201	112.201	7822.000	112.199	112.199
7823.000	112.198	112.198	7824.000	112.197	112.197	7825.000	112.196	112.196	7826.000	112.194	112.194
7827.000	112.193	112.193	7828.000	112.192	112.192	7829.000	112.190	112.190	7830.000	112.189	112.189
7831.000	112.188	112.188	7832.000	112.186	112.186	7833.000	112.185	112.185	7834.000	112.184	112.184
7835.000	112.182	112.182	7836.000	112.181	112.181	7837.000	112.180	112.180	7838.000	112.178	112.178
7839.000	112.177	112.177	7840.000	112.175	112.175	7841.000	112.174	112.174	7842.000	112.173	112.173
7843.000	112.171	112.171	7844.000	112.170	112.170	7845.000	112.169	112.169	7846.000	112.167	112.167
7847.000	112.166	112.166	7848.000	112.165	112.165	7849.000	112.163	112.163	7850.000	112.162	112.162
7851.000	112.161	112.161	7852.000	112.159	112.159	7853.000	112.158	112.158	7854.000	112.157	112.157
7855.000	112.155	112.155	7856.000	112.154	112.154	7857.000	112.153	112.153	7858.000	112.151	112.151
7859.000	112.150	112.150	7860.000	112.148	112.148	7861.000	112.147	112.147	7862.000	112.146	112.146
7863.000	112.144	112.144	7864.000	112.143	112.143	7865.000	112.142	112.142	7866.000	112.140	112.140
7867.000	112.139	112.139	7868.000	112.137	112.137	7869.000	112.136	112.136	7870.000	112.135	112.135
7871.000	112.133	112.133	7872.000	112.132	112.132	7873.000	112.131	112.131	7874.000	112.129	112.129
7875.000	112.128	112.128	7876.000	112.126	112.126	7877.000	112.125	112.125	7878.000	112.124	112.124
7879.000	112.122	112.122	7880.000	112.121	112.121	7881.000	112.120	112.120	7882.000	112.118	112.118
7883.000	112.117	112.117	7884.000	112.115	112.115	7885.000	112.114	112.114	7886.000	112.113	112.113
7887.000	112.111	112.111	7888.000	112.110	112.110	7889.000	112.108	112.108	7890.000	112.107	112.107
7891.000	112.106	112.106	7892.000	112.104	112.104	7893.000	112.103	112.103	7894.000	112.101	112.101
7895.000	112.100	112.100	7896.000	112.099	112.099	7897.000	112.097	112.097	7898.000	112.096	112.096
7899.000	112.094	112.094	7900.000	112.093	112.093	7901.000	112.092	112.092	7902.000	112.090	112.090
7903.000	112.089	112.089	7904.000	112.087	112.087	7905.000	112.086	112.086	7906.000	112.084	112.084
7907.000	112.083	112.083	7908.000	112.082	112.082	7909.000	112.080	112.080	7910.000	112.079	112.079
7911.000	112.077	112.077	7912.000	112.076	112.076	7913.000	112.075	112.075	7914.000	112.073	112.073
7915.000	112.072	112.072	7916.000	112.070	112.070	7917.000	112.069	112.069	7918.000	112.067	112.067

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
7919.000	112.066	112.066	7920.000	112.065	112.065	7921.000	112.063	112.063	7922.000	112.062	112.062
7923.000	112.060	112.060	7924.000	112.059	112.059	7925.000	112.057	112.057	7926.000	112.056	112.056
7927.000	112.054	112.054	7928.000	112.053	112.053	7929.000	112.052	112.052	7930.000	112.050	112.050
7931.000	112.049	112.049	7932.000	112.047	112.047	7933.000	112.046	112.046	7934.000	112.044	112.044
7935.000	112.043	112.043	7936.000	112.041	112.041	7937.000	112.040	112.040	7938.000	112.038	112.038
7939.000	112.037	112.037	7940.000	112.036	112.036	7941.000	112.034	112.034	7942.000	112.033	112.033
7943.000	112.031	112.031	7944.000	112.030	112.030	7945.000	112.028	112.028	7946.000	112.027	112.027
7947.000	112.025	112.025	7948.000	112.024	112.024	7949.000	112.022	112.022	7950.000	112.021	112.021
7951.000	112.019	112.019	7952.000	112.018	112.018	7953.000	112.017	112.017	7954.000	112.015	112.015
7955.000	112.014	112.014	7956.000	112.012	112.012	7957.000	112.011	112.011	7958.000	112.009	112.009
7959.000	112.008	112.008	7960.000	112.006	112.006	7961.000	112.005	112.005	7962.000	112.003	112.003
7963.000	112.002	112.002	7964.000	112.000	112.000	7965.000	111.999	111.999	7966.000	111.997	111.997
7967.000	111.996	111.996	7968.000	111.994	111.994	7969.000	111.993	111.993	7970.000	111.991	111.991
7971.000	111.990	111.990	7972.000	111.988	111.988	7973.000	111.987	111.987	7974.000	111.985	111.985
7975.000	111.984	111.984	7976.000	111.982	111.982	7977.000	111.981	111.981	7978.000	111.979	111.979
7979.000	111.978	111.978	7980.000	111.976	111.976	7981.000	111.975	111.975	7982.000	111.973	111.973
7983.000	111.972	111.972	7984.000	111.970	111.970	7985.000	111.969	111.969	7986.000	111.967	111.967
7987.000	111.966	111.966	7988.000	111.964	111.964	7989.000	111.963	111.963	7990.000	111.961	111.961
7991.000	111.960	111.960	7992.000	111.958	111.958	7993.000	111.957	111.957	7994.000	111.955	111.955
7995.000	111.953	111.953	7996.000	111.952	111.952	7997.000	111.950	111.950	7998.000	111.949	111.949
7999.000	111.947	111.947	8000.000	111.946	111.946	8001.000	111.944	111.944	8002.000	111.943	111.943
8003.000	111.941	111.941	8004.000	111.940	111.940	8005.000	111.938	111.938	8006.000	111.937	111.937
8007.000	111.935	111.935	8008.000	111.933	111.933	8009.000	111.932	111.932	8010.000	111.930	111.930
8011.000	111.929	111.929	8012.000	111.927	111.927	8013.000	111.926	111.926	8014.000	111.924	111.924
8015.000	111.923	111.923	8016.000	111.921	111.921	8017.000	111.919	111.919	8018.000	111.918	111.918
8019.000	111.916	111.916	8020.000	111.915	111.915	8021.000	111.913	111.913	8022.000	111.912	111.912
8023.000	111.910	111.910	8024.000	111.909	111.909	8025.000	111.907	111.907	8026.000	111.905	111.905
8027.000	111.904	111.904	8028.000	111.902	111.902	8029.000	111.901	111.901	8030.000	111.899	111.899
8031.000	111.898	111.898	8032.000	111.896	111.896	8033.000	111.894	111.894	8034.000	111.893	111.893
8035.000	111.891	111.891	8036.000	111.890	111.890	8037.000	111.888	111.888	8038.000	111.886	111.886
8039.000	111.885	111.885	8040.000	111.883	111.883	8041.000	111.882	111.882	8042.000	111.880	111.880
8043.000	111.878	111.878	8044.000	111.877	111.877	8045.000	111.875	111.875	8046.000	111.874	111.874
8047.000	111.872	111.872	8048.000	111.870	111.870	8049.000	111.869	111.869	8050.000	111.867	111.867
8051.000	111.866	111.866	8052.000	111.864	111.864	8053.000	111.862	111.862	8054.000	111.861	111.861
8055.000	111.859	111.859	8056.000	111.858	111.858	8057.000	111.856	111.856	8058.000	111.854	111.854
8059.000	111.853	111.853	8060.000	111.851	111.851	8061.000	111.850	111.850	8062.000	111.848	111.848
8063.000	111.846	111.846	8064.000	111.845	111.845	8065.000	111.843	111.843	8066.000	111.841	111.841

Project: Clinton Flex Study  
Location: KCI  
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Engineer: Badar Hussain  
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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8067.000	111.840	111.840	8068.000	111.838	111.838	8069.000	111.837	111.837	8070.000	111.835	111.835
8071.000	111.833	111.833	8072.000	111.832	111.832	8073.000	111.830	111.830	8074.000	111.828	111.828
8075.000	111.827	111.827	8076.000	111.825	111.825	8077.000	111.823	111.823	8078.000	111.822	111.822
8079.000	111.820	111.820	8080.000	111.818	111.818	8081.000	111.817	111.817	8082.000	111.815	111.815
8083.000	111.814	111.814	8084.000	111.812	111.812	8085.000	111.810	111.810	8086.000	111.809	111.809
8087.000	111.807	111.807	8088.000	111.805	111.805	8089.000	111.804	111.804	8090.000	111.802	111.802
8091.000	111.800	111.800	8092.000	111.799	111.799	8093.000	111.797	111.797	8094.000	111.795	111.795
8095.000	111.794	111.794	8096.000	111.792	111.792	8097.000	111.790	111.790	8098.000	111.789	111.789
8099.000	111.787	111.787	8100.000	111.785	111.785	8101.000	111.784	111.784	8102.000	111.782	111.782
8103.000	111.780	111.780	8104.000	111.778	111.778	8105.000	111.777	111.777	8106.000	111.775	111.775
8107.000	111.773	111.773	8108.000	111.772	111.772	8109.000	111.770	111.770	8110.000	111.768	111.768
8111.000	111.767	111.767	8112.000	111.765	111.765	8113.000	111.763	111.763	8114.000	111.762	111.762
8115.000	111.760	111.760	8116.000	111.758	111.758	8117.000	111.756	111.756	8118.000	111.755	111.755
8119.000	111.753	111.753	8120.000	111.751	111.751	8121.000	111.750	111.750	8122.000	111.748	111.748
8123.000	111.746	111.746	8124.000	111.744	111.744	8125.000	111.743	111.743	8126.000	111.741	111.741
8127.000	111.739	111.739	8128.000	111.738	111.738	8129.000	111.736	111.736	8130.000	111.734	111.734
8131.000	111.732	111.732	8132.000	111.731	111.731	8133.000	111.729	111.729	8134.000	111.727	111.727
8135.000	111.725	111.725	8136.000	111.724	111.724	8137.000	111.722	111.722	8138.000	111.720	111.720
8139.000	111.719	111.719	8140.000	111.717	111.717	8141.000	111.715	111.715	8142.000	111.713	111.713
8143.000	111.712	111.712	8144.000	111.710	111.710	8145.000	111.708	111.708	8146.000	111.706	111.706
8147.000	111.705	111.705	8148.000	111.703	111.703	8149.000	111.701	111.701	8150.000	111.699	111.699
8151.000	111.698	111.698	8152.000	111.696	111.696	8153.000	111.694	111.694	8154.000	111.692	111.692
8155.000	111.690	111.690	8156.000	111.689	111.689	8157.000	111.687	111.687	8158.000	111.685	111.685
8159.000	111.683	111.683	8160.000	111.682	111.682	8161.000	111.680	111.680	8162.000	111.678	111.678
8163.000	111.676	111.676	8164.000	111.675	111.675	8165.000	111.673	111.673	8166.000	111.671	111.671
8167.000	111.669	111.669	8168.000	111.667	111.667	8169.000	111.666	111.666	8170.000	111.664	111.664
8171.000	111.662	111.662	8172.000	111.660	111.660	8173.000	111.658	111.658	8174.000	111.657	111.657
8175.000	111.655	111.655	8176.000	111.653	111.653	8177.000	111.651	111.651	8178.000	111.649	111.649
8179.000	111.648	111.648	8180.000	111.646	111.646	8181.000	111.644	111.644	8182.000	111.642	111.642
8183.000	111.640	111.640	8184.000	111.639	111.639	8185.000	111.637	111.637	8186.000	111.635	111.635
8187.000	111.633	111.633	8188.000	111.631	111.631	8189.000	111.629	111.629	8190.000	111.628	111.628
8191.000	111.626	111.626	8192.000	111.624	111.624	8193.000	111.622	111.622	8194.000	111.620	111.620
8195.000	111.618	111.618	8196.000	111.617	111.617	8197.000	111.615	111.615	8198.000	111.613	111.613
8199.000	111.611	111.611	8200.000	111.609	111.609	8201.000	111.607	111.607	8202.000	111.606	111.606
8203.000	111.604	111.604	8204.000	111.602	111.602	8205.000	111.600	111.600	8206.000	111.598	111.598
8207.000	111.596	111.596	8208.000	111.595	111.595	8209.000	111.593	111.593	8210.000	111.591	111.591
8211.000	111.589	111.589	8212.000	111.587	111.587	8213.000	111.585	111.585	8214.000	111.583	111.583

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Study Case: BS1A-48

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Revision: Base  
Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8215.000	111.581	111.581	8216.000	111.580	111.580	8217.000	111.578	111.578	8218.000	111.576	111.576
8219.000	111.574	111.574	8220.000	111.572	111.572	8221.000	111.570	111.570	8222.000	111.568	111.568
8223.000	111.566	111.566	8224.000	111.565	111.565	8225.000	111.563	111.563	8226.000	111.561	111.561
8227.000	111.559	111.559	8228.000	111.557	111.557	8229.000	111.555	111.555	8230.000	111.553	111.553
8231.000	111.551	111.551	8232.000	111.549	111.549	8233.000	111.548	111.548	8234.000	111.546	111.546
8235.000	111.544	111.544	8236.000	111.542	111.542	8237.000	111.540	111.540	8238.000	111.538	111.538
8239.000	111.536	111.536	8240.000	111.534	111.534	8241.000	111.532	111.532	8242.000	111.530	111.530
8243.000	111.528	111.528	8244.000	111.526	111.526	8245.000	111.525	111.525	8246.000	111.523	111.523
8247.000	111.521	111.521	8248.000	111.519	111.519	8249.000	111.517	111.517	8250.000	111.515	111.515
8251.000	111.513	111.513	8252.000	111.511	111.511	8253.000	111.509	111.509	8254.000	111.507	111.507
8255.000	111.505	111.505	8256.000	111.503	111.503	8257.000	111.501	111.501	8258.000	111.499	111.499
8259.000	111.497	111.497	8260.000	111.495	111.495	8261.000	111.494	111.494	8262.000	111.492	111.492
8263.000	111.490	111.490	8264.000	111.488	111.488	8265.000	111.486	111.486	8266.000	111.484	111.484
8267.000	111.482	111.482	8268.000	111.480	111.480	8269.000	111.478	111.478	8270.000	111.476	111.476
8271.000	111.474	111.474	8272.000	111.472	111.472	8273.000	111.470	111.470	8274.000	111.468	111.468
8275.000	111.466	111.466	8276.000	111.464	111.464	8277.000	111.462	111.462	8278.000	111.460	111.460
8279.000	111.458	111.458	8280.000	111.456	111.456	8281.000	111.454	111.454	8282.000	111.452	111.452
8283.000	111.450	111.450	8284.000	111.448	111.448	8285.000	111.446	111.446	8286.000	111.444	111.444
8287.000	111.442	111.442	8288.000	111.440	111.440	8289.000	111.438	111.438	8290.000	111.436	111.436
8291.000	111.434	111.434	8292.000	111.432	111.432	8293.000	111.430	111.430	8294.000	111.428	111.428
8295.000	111.426	111.426	8296.000	111.424	111.424	8297.000	111.422	111.422	8298.000	111.420	111.420
8299.000	111.418	111.418	8300.000	111.416	111.416	8301.000	111.414	111.414	8302.000	111.412	111.412
8303.000	111.410	111.410	8304.000	111.408	111.408	8305.000	111.406	111.406	8306.000	111.404	111.404
8307.000	111.401	111.401	8308.000	111.399	111.399	8309.000	111.397	111.397	8310.000	111.395	111.395
8311.000	111.393	111.393	8312.000	111.391	111.391	8313.000	111.389	111.389	8314.000	111.387	111.387
8315.000	111.385	111.385	8316.000	111.383	111.383	8317.000	111.381	111.381	8318.000	111.379	111.379
8319.000	111.377	111.377	8320.000	111.375	111.375	8321.000	111.373	111.373	8322.000	111.371	111.371
8323.000	111.368	111.368	8324.000	111.366	111.366	8325.000	111.364	111.364	8326.000	111.362	111.362
8327.000	111.360	111.360	8328.000	111.358	111.358	8329.000	111.356	111.356	8330.000	111.354	111.354
8331.000	111.352	111.352	8332.000	111.350	111.350	8333.000	111.348	111.348	8334.000	111.345	111.345
8335.000	111.343	111.343	8336.000	111.341	111.341	8337.000	111.339	111.339	8338.000	111.337	111.337
8339.000	111.335	111.335	8340.000	111.333	111.333	8341.000	111.331	111.331	8342.000	111.329	111.329
8343.000	111.326	111.326	8344.000	111.324	111.324	8345.000	111.322	111.322	8346.000	111.320	111.320
8347.000	111.318	111.318	8348.000	111.316	111.316	8349.000	111.314	111.314	8350.000	111.312	111.312
8351.000	111.309	111.309	8352.000	111.307	111.307	8353.000	111.305	111.305	8354.000	111.303	111.303
8355.000	111.301	111.301	8356.000	111.299	111.299	8357.000	111.297	111.297	8358.000	111.294	111.294
8359.000	111.292	111.292	8360.000	111.290	111.290	8361.000	111.288	111.288	8362.000	111.286	111.286

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8363.000	111.284	111.284	8364.000	111.281	111.281	8365.000	111.279	111.279	8366.000	111.277	111.277
8367.000	111.275	111.275	8368.000	111.273	111.273	8369.000	111.271	111.271	8370.000	111.268	111.268
8371.000	111.266	111.266	8372.000	111.264	111.264	8373.000	111.262	111.262	8374.000	111.260	111.260
8375.000	111.257	111.257	8376.000	111.255	111.255	8377.000	111.253	111.253	8378.000	111.251	111.251
8379.000	111.249	111.249	8380.000	111.246	111.246	8381.000	111.244	111.244	8382.000	111.242	111.242
8383.000	111.240	111.240	8384.000	111.238	111.238	8385.000	111.235	111.235	8386.000	111.233	111.233
8387.000	111.231	111.231	8388.000	111.229	111.229	8389.000	111.226	111.226	8390.000	111.224	111.224
8391.000	111.222	111.222	8392.000	111.220	111.220	8393.000	111.218	111.218	8394.000	111.215	111.215
8395.000	111.213	111.213	8396.000	111.211	111.211	8397.000	111.209	111.209	8398.000	111.206	111.206
8399.000	111.204	111.204	8400.000	111.202	111.202	8401.000	111.200	111.200	8402.000	111.197	111.197
8403.000	111.195	111.195	8404.000	111.193	111.193	8405.000	111.191	111.191	8406.000	111.188	111.188
8407.000	111.186	111.186	8408.000	111.184	111.184	8409.000	111.181	111.181	8410.000	111.179	111.179
8411.000	111.177	111.177	8412.000	111.175	111.175	8413.000	111.172	111.172	8414.000	111.170	111.170
8415.000	111.168	111.168	8416.000	111.165	111.165	8417.000	111.163	111.163	8418.000	111.161	111.161
8419.000	111.159	111.159	8420.000	111.156	111.156	8421.000	111.154	111.154	8422.000	111.152	111.152
8423.000	111.149	111.149	8424.000	111.147	111.147	8425.000	111.145	111.145	8426.000	111.142	111.142
8427.000	111.140	111.140	8428.000	111.138	111.138	8429.000	111.135	111.135	8430.000	111.133	111.133
8431.000	111.131	111.131	8432.000	111.128	111.128	8433.000	111.126	111.126	8434.000	111.124	111.124
8435.000	111.121	111.121	8436.000	111.119	111.119	8437.000	111.117	111.117	8438.000	111.114	111.114
8439.000	111.112	111.112	8440.000	111.110	111.110	8441.000	111.107	111.107	8442.000	111.105	111.105
8443.000	111.103	111.103	8444.000	111.100	111.100	8445.000	111.098	111.098	8446.000	111.096	111.096
8447.000	111.093	111.093	8448.000	111.091	111.091	8449.000	111.089	111.089	8450.000	111.086	111.086
8451.000	111.084	111.084	8452.000	111.081	111.081	8453.000	111.079	111.079	8454.000	111.077	111.077
8455.000	111.074	111.074	8456.000	111.072	111.072	8457.000	111.069	111.069	8458.000	111.067	111.067
8459.000	111.065	111.065	8460.000	111.062	111.062	8461.000	111.060	111.060	8462.000	111.057	111.057
8463.000	111.055	111.055	8464.000	111.053	111.053	8465.000	111.050	111.050	8466.000	111.048	111.048
8467.000	111.045	111.045	8468.000	111.043	111.043	8469.000	111.041	111.041	8470.000	111.038	111.038
8471.000	111.036	111.036	8472.000	111.033	111.033	8473.000	111.031	111.031	8474.000	111.028	111.028
8475.000	111.026	111.026	8476.000	111.023	111.023	8477.000	111.021	111.021	8478.000	111.019	111.019
8479.000	111.016	111.016	8480.000	111.014	111.014	8481.000	111.011	111.011	8482.000	111.009	111.009
8483.000	111.006	111.006	8484.000	111.004	111.004	8485.000	111.001	111.001	8486.000	110.999	110.999
8487.000	110.996	110.996	8488.000	110.994	110.994	8489.000	110.991	110.991	8490.000	110.989	110.989
8491.000	110.986	110.986	8492.000	110.984	110.984	8493.000	110.982	110.982	8494.000	110.979	110.979
8495.000	110.977	110.977	8496.000	110.974	110.974	8497.000	110.972	110.972	8498.000	110.969	110.969
8499.000	110.967	110.967	8500.000	110.964	110.964	8501.000	110.961	110.961	8502.000	110.959	110.959
8503.000	110.956	110.956	8504.000	110.954	110.954	8505.000	110.951	110.951	8506.000	110.949	110.949
8507.000	110.946	110.946	8508.000	110.944	110.944	8509.000	110.941	110.941	8510.000	110.939	110.939

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Study Case: BS1A-48

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Revision: Base  
Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8511.000	110.936	110.936	8512.000	110.934	110.934	8513.000	110.931	110.931	8514.000	110.929	110.929
8515.000	110.926	110.926	8516.000	110.923	110.923	8517.000	110.921	110.921	8518.000	110.918	110.918
8519.000	110.916	110.916	8520.000	110.913	110.913	8521.000	110.911	110.911	8522.000	110.908	110.908
8523.000	110.906	110.906	8524.000	110.903	110.903	8525.000	110.900	110.900	8526.000	110.898	110.898
8527.000	110.895	110.895	8528.000	110.893	110.893	8529.000	110.890	110.890	8530.000	110.887	110.887
8531.000	110.885	110.885	8532.000	110.882	110.882	8533.000	110.880	110.880	8534.000	110.877	110.877
8535.000	110.874	110.874	8536.000	110.872	110.872	8537.000	110.869	110.869	8538.000	110.867	110.867
8539.000	110.864	110.864	8540.000	110.861	110.861	8541.000	110.859	110.859	8542.000	110.856	110.856
8543.000	110.853	110.853	8544.000	110.851	110.851	8545.000	110.848	110.848	8546.000	110.845	110.845
8547.000	110.843	110.843	8548.000	110.840	110.840	8549.000	110.838	110.838	8550.000	110.835	110.835
8551.000	110.832	110.832	8552.000	110.830	110.830	8553.000	110.827	110.827	8554.000	110.824	110.824
8555.000	110.822	110.822	8556.000	110.819	110.819	8557.000	110.816	110.816	8558.000	110.814	110.814
8559.000	110.811	110.811	8560.000	110.808	110.808	8561.000	110.805	110.805	8562.000	110.803	110.803
8563.000	110.800	110.800	8564.000	110.797	110.797	8565.000	110.795	110.795	8566.000	110.792	110.792
8567.000	110.789	110.789	8568.000	110.787	110.787	8569.000	110.784	110.784	8570.000	110.781	110.781
8571.000	110.778	110.778	8572.000	110.776	110.776	8573.000	110.773	110.773	8574.000	110.770	110.770
8575.000	110.768	110.768	8576.000	110.765	110.765	8577.000	110.762	110.762	8578.000	110.759	110.759
8579.000	110.757	110.757	8580.000	110.754	110.754	8581.000	110.751	110.751	8582.000	110.748	110.748
8583.000	110.746	110.746	8584.000	110.743	110.743	8585.000	110.740	110.740	8586.000	110.737	110.737
8587.000	110.734	110.734	8588.000	110.732	110.732	8589.000	110.729	110.729	8590.000	110.726	110.726
8591.000	110.723	110.723	8592.000	110.721	110.721	8593.000	110.718	110.718	8594.000	110.715	110.715
8595.000	110.712	110.712	8596.000	110.709	110.709	8597.000	110.707	110.707	8598.000	110.704	110.704
8599.000	110.701	110.701	8600.000	110.698	110.698	8601.000	110.695	110.695	8602.000	110.693	110.693
8603.000	110.690	110.690	8604.000	110.687	110.687	8605.000	110.684	110.684	8606.000	110.681	110.681
8607.000	110.678	110.678	8608.000	110.676	110.676	8609.000	110.673	110.673	8610.000	110.670	110.670
8611.000	110.667	110.667	8612.000	110.664	110.664	8613.000	110.661	110.661	8614.000	110.658	110.658
8615.000	110.656	110.656	8616.000	110.653	110.653	8617.000	110.650	110.650	8618.000	110.647	110.647
8619.000	110.644	110.644	8620.000	110.641	110.641	8621.000	110.638	110.638	8622.000	110.635	110.635
8623.000	110.633	110.633	8624.000	110.630	110.630	8625.000	110.627	110.627	8626.000	110.624	110.624
8627.000	110.621	110.621	8628.000	110.618	110.618	8629.000	110.615	110.615	8630.000	110.612	110.612
8631.000	110.609	110.609	8632.000	110.606	110.606	8633.000	110.603	110.603	8634.000	110.600	110.600
8635.000	110.598	110.598	8636.000	110.595	110.595	8637.000	110.592	110.592	8638.000	110.589	110.589
8639.000	110.586	110.586	8640.000	110.583	110.583	8641.000	110.580	110.580	8642.000	110.577	110.577
8643.000	110.574	110.574	8644.000	110.571	110.571	8645.000	110.568	110.568	8646.000	110.565	110.565
8647.000	110.562	110.562	8648.000	110.559	110.559	8649.000	110.556	110.556	8650.000	110.553	110.553
8651.000	110.550	110.550	8652.000	110.547	110.547	8653.000	110.544	110.544	8654.000	110.541	110.541
8655.000	110.538	110.538	8656.000	110.535	110.535	8657.000	110.532	110.532	8658.000	110.529	110.529

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Revision: Base

Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8659.000	110.526	110.526	8660.000	110.523	110.523	8661.000	110.520	110.520	8662.000	110.517	110.517
8663.000	110.514	110.514	8664.000	110.511	110.511	8665.000	110.508	110.508	8666.000	110.505	110.505
8667.000	110.502	110.502	8668.000	110.499	110.499	8669.000	110.496	110.496	8670.000	110.493	110.493
8671.000	110.490	110.490	8672.000	110.486	110.486	8673.000	110.483	110.483	8674.000	110.480	110.480
8675.000	110.477	110.477	8676.000	110.474	110.474	8677.000	110.471	110.471	8678.000	110.468	110.468
8679.000	110.465	110.465	8680.000	110.462	110.462	8681.000	110.459	110.459	8682.000	110.456	110.456
8683.000	110.452	110.452	8684.000	110.449	110.449	8685.000	110.446	110.446	8686.000	110.443	110.443
8687.000	110.440	110.440	8688.000	110.437	110.437	8689.000	110.434	110.434	8690.000	110.431	110.431
8691.000	110.427	110.427	8692.000	110.424	110.424	8693.000	110.421	110.421	8694.000	110.418	110.418
8695.000	110.415	110.415	8696.000	110.412	110.412	8697.000	110.408	110.408	8698.000	110.405	110.405
8699.000	110.402	110.402	8700.000	110.399	110.399	8701.000	110.396	110.396	8702.000	110.393	110.393
8703.000	110.389	110.389	8704.000	110.386	110.386	8705.000	110.383	110.383	8706.000	110.380	110.380
8707.000	110.377	110.377	8708.000	110.373	110.373	8709.000	110.370	110.370	8710.000	110.367	110.367
8711.000	110.364	110.364	8712.000	110.361	110.361	8713.000	110.357	110.357	8714.000	110.354	110.354
8715.000	110.351	110.351	8716.000	110.348	110.348	8717.000	110.344	110.344	8718.000	110.341	110.341
8719.000	110.338	110.338	8720.000	110.335	110.335	8721.000	110.331	110.331	8722.000	110.328	110.328
8723.000	110.325	110.325	8724.000	110.322	110.322	8725.000	110.318	110.318	8726.000	110.315	110.315
8727.000	110.312	110.312	8728.000	110.308	110.308	8729.000	110.305	110.305	8730.000	110.302	110.302
8731.000	110.298	110.298	8732.000	110.295	110.295	8733.000	110.292	110.292	8734.000	110.289	110.289
8735.000	110.285	110.285	8736.000	110.282	110.282	8737.000	110.279	110.279	8738.000	110.275	110.275
8739.000	110.272	110.272	8740.000	110.269	110.269	8741.000	110.265	110.265	8742.000	110.262	110.262
8743.000	110.258	110.258	8744.000	110.255	110.255	8745.000	110.252	110.252	8746.000	110.248	110.248
8747.000	110.245	110.245	8748.000	110.242	110.242	8749.000	110.238	110.238	8750.000	110.235	110.235
8751.000	110.231	110.231	8752.000	110.228	110.228	8753.000	110.225	110.225	8754.000	110.221	110.221
8755.000	110.218	110.218	8756.000	110.214	110.214	8757.000	110.211	110.211	8758.000	110.208	110.208
8759.000	110.204	110.204	8760.000	110.201	110.201	8761.000	110.197	110.197	8762.000	110.194	110.194
8763.000	110.190	110.190	8764.000	110.187	110.187	8765.000	110.184	110.184	8766.000	110.180	110.180
8767.000	110.177	110.177	8768.000	110.173	110.173	8769.000	110.170	110.170	8770.000	110.166	110.166
8771.000	110.163	110.163	8772.000	110.154	110.154	8773.000	110.154	110.154	8774.000	110.154	110.154
8775.000	110.154	110.154	8776.000	110.149	110.149	8777.000	110.147	110.147	8778.000	110.146	110.146
8779.000	110.144	110.144	8780.000	110.142	110.142	8781.000	110.140	110.140	8782.000	110.138	110.138
8783.000	110.136	110.136	8784.000	110.134	110.134	8785.000	110.132	110.132	8786.000	110.130	110.130
8787.000	110.129	110.129	8788.000	110.127	110.127	8789.000	110.125	110.125	8790.000	110.123	110.123
8791.000	110.121	110.121	8792.000	110.119	110.119	8793.000	110.117	110.117	8794.000	110.115	110.115
8795.000	110.114	110.114	8796.000	110.112	110.112	8797.000	110.110	110.110	8798.000	110.108	110.108
8799.000	110.106	110.106	8800.000	110.104	110.104	8801.000	110.102	110.102	8802.000	110.100	110.100
8803.000	110.098	110.098	8804.000	110.097	110.097	8805.000	110.095	110.095	8806.000	110.093	110.093

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

ETAP

14.1.0N

Study Case: BS1A-48

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Date: 11-17-2018

SN: KCICONSULT

Revision: Base

Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8807.000	110.091	110.091	8808.000	110.089	110.089	8809.000	110.087	110.087	8810.000	110.085	110.085
8811.000	110.083	110.083	8812.000	110.082	110.082	8813.000	110.080	110.080	8814.000	110.078	110.078
8815.000	110.076	110.076	8816.000	110.074	110.074	8817.000	110.072	110.072	8818.000	110.070	110.070
8819.000	110.068	110.068	8820.000	110.067	110.067	8821.000	110.065	110.065	8822.000	110.063	110.063
8823.000	110.061	110.061	8824.000	110.059	110.059	8825.000	110.057	110.057	8826.000	110.055	110.055
8827.000	110.054	110.054	8828.000	110.052	110.052	8829.000	110.050	110.050	8830.000	110.048	110.048
8831.000	110.046	110.046	8832.000	110.044	110.044	8833.000	110.042	110.042	8834.000	110.040	110.040
8835.000	110.039	110.039	8836.000	110.037	110.037	8837.000	110.035	110.035	8838.000	110.033	110.033
8839.000	110.031	110.031	8840.000	110.029	110.029	8841.000	110.027	110.027	8842.000	110.026	110.026
8843.000	110.024	110.024	8844.000	110.022	110.022	8845.000	110.020	110.020	8846.000	110.018	110.018
8847.000	110.016	110.016	8848.000	110.014	110.014	8849.000	110.012	110.012	8850.000	110.011	110.011
8851.000	110.009	110.009	8852.000	110.007	110.007	8853.000	110.005	110.005	8854.000	110.003	110.003
8855.000	110.001	110.001	8856.000	109.999	109.999	8857.000	109.998	109.998	8858.000	109.996	109.996
8859.000	109.994	109.994	8860.000	109.992	109.992	8861.000	109.990	109.990	8862.000	109.988	109.988
8863.000	109.986	109.986	8864.000	109.985	109.985	8865.000	109.983	109.983	8866.000	109.981	109.981
8867.000	109.979	109.979	8868.000	109.977	109.977	8869.000	109.975	109.975	8870.000	109.974	109.974
8871.000	109.972	109.972	8872.000	109.970	109.970	8873.000	109.968	109.968	8874.000	109.966	109.966
8875.000	109.964	109.964	8876.000	109.962	109.962	8877.000	109.961	109.961	8878.000	109.959	109.959
8879.000	109.957	109.957	8880.000	109.955	109.955	8881.000	109.953	109.953	8882.000	109.951	109.951
8883.000	109.949	109.949	8884.000	109.948	109.948	8885.000	109.946	109.946	8886.000	109.944	109.944
8887.000	109.942	109.942	8888.000	109.940	109.940	8889.000	109.938	109.938	8890.000	109.937	109.937
8891.000	109.935	109.935	8892.000	109.933	109.933	8893.000	109.931	109.931	8894.000	109.929	109.929
8895.000	109.927	109.927	8896.000	109.926	109.926	8897.000	109.924	109.924	8898.000	109.922	109.922
8899.000	109.920	109.920	8900.000	109.918	109.918	8901.000	109.916	109.916	8902.000	109.914	109.914
8903.000	109.913	109.913	8904.000	109.911	109.911	8905.000	109.909	109.909	8906.000	109.907	109.907
8907.000	109.905	109.905	8908.000	109.903	109.903	8909.000	109.902	109.902	8910.000	109.900	109.900
8911.000	109.898	109.898	8912.000	109.896	109.896	8913.000	109.894	109.894	8914.000	109.892	109.892
8915.000	109.891	109.891	8916.000	109.889	109.889	8917.000	109.887	109.887	8918.000	109.885	109.885
8919.000	109.883	109.883	8920.000	109.881	109.881	8921.000	109.880	109.880	8922.000	109.878	109.878
8923.000	109.876	109.876	8924.000	109.874	109.874	8925.000	109.872	109.872	8926.000	109.870	109.870
8927.000	109.869	109.869	8928.000	109.867	109.867	8929.000	109.865	109.865	8930.000	109.863	109.863
8931.000	109.861	109.861	8932.000	109.860	109.860	8933.000	109.858	109.858	8934.000	109.856	109.856
8935.000	109.854	109.854	8936.000	109.852	109.852	8937.000	109.850	109.850	8938.000	109.849	109.849
8939.000	109.847	109.847	8940.000	109.845	109.845	8941.000	109.843	109.843	8942.000	109.841	109.841
8943.000	109.839	109.839	8944.000	109.838	109.838	8945.000	109.836	109.836	8946.000	109.834	109.834
8947.000	109.832	109.832	8948.000	109.830	109.830	8949.000	109.829	109.829	8950.000	109.827	109.827
8951.000	109.825	109.825	8952.000	109.823	109.823	8953.000	109.821	109.821	8954.000	109.819	109.819

Project:	Clinton Flex Study	ETAP	Page:	125
Location:	KCI	14.1.0N	Date:	11-17-2018
Contract:			SN:	KCICONSLT
Engineer:	Badar Hussain	Study Case: BS1A-48	Revision:	Base
Filename:	CPS SBO Study		Config.:	Normal

DIV 1 Battery 1A 48-Hour Coping Study

DC MCC 1A											
Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
8955.000	109.818	109.818	8956.000	109.816	109.816	8957.000	109.814	109.814	8958.000	109.812	109.812
8959.000	109.810	109.810	8960.000	109.807	109.807	8961.000	109.805	109.805	8962.000	109.803	109.803
8963.000	109.801	109.801	8964.000	109.799	109.799	8965.000	109.797	109.797	8966.000	109.795	109.795
8967.000	109.793	109.793	8968.000	109.791	109.791	8969.000	109.789	109.789	8970.000	109.786	109.786
8971.000	109.784	109.784	8972.000	109.782	109.782	8973.000	109.780	109.780	8974.000	109.778	109.778
8975.000	109.776	109.776	8976.000	109.774	109.774	8977.000	109.771	109.771	8978.000	109.769	109.769
8979.000	109.767	109.767	8980.000	109.765	109.765	8981.000	109.763	109.763	8982.000	109.761	109.761
8983.000	109.759	109.759	8984.000	109.756	109.756	8985.000	109.754	109.754	8986.000	109.752	109.752
8987.000	109.750	109.750	8988.000	109.748	109.748	8989.000	109.746	109.746	8990.000	109.743	109.743
8991.000	109.741	109.741	8992.000	109.739	109.739	8993.000	109.737	109.737	8994.000	109.735	109.735
8995.000	109.732	109.732	8996.000	109.730	109.730	8997.000	109.728	109.728	8998.000	109.726	109.726
8999.000	109.724	109.724	9000.000	109.721	109.721	9001.000	109.719	109.719	9002.000	109.717	109.717
9003.000	109.715	109.715	9004.000	109.712	109.712	9005.000	109.710	109.710	9006.000	109.708	109.708
9007.000	109.706	109.706	9008.000	109.704	109.704	9009.000	109.701	109.701	9010.000	109.699	109.699
9011.000	109.697	109.697	9012.000	109.695	109.695	9013.000	109.692	109.692	9014.000	109.690	109.690
9015.000	109.688	109.688	9016.000	109.686	109.686	9017.000	109.683	109.683	9018.000	109.681	109.681
9019.000	109.679	109.679	9020.000	109.676	109.676	9021.000	109.674	109.674	9022.000	109.672	109.672
9023.000	109.670	109.670	9024.000	109.667	109.667	9025.000	109.665	109.665	9026.000	109.663	109.663
9027.000	109.660	109.660	9028.000	109.658	109.658	9029.000	109.656	109.656	9030.000	109.654	109.654
9031.000	109.651	109.651	9032.000	109.649	109.649	9033.000	109.647	109.647	9034.000	109.644	109.644
9035.000	109.642	109.642	9036.000	109.640	109.640	9037.000	109.637	109.637	9038.000	109.635	109.635
9039.000	109.633	109.633	9040.000	109.630	109.630	9041.000	109.628	109.628	9042.000	109.626	109.626
9043.000	109.623	109.623	9044.000	109.621	109.621	9045.000	109.619	109.619	9046.000	109.616	109.616
9047.000	109.614	109.614	9048.000	109.611	109.611	9049.000	109.609	109.609	9050.000	109.607	109.607
9051.000	109.604	109.604	9052.000	109.602	109.602	9053.000	109.600	109.600	9054.000	109.597	109.597
9055.000	109.595	109.595	9056.000	109.592	109.592	9057.000	109.590	109.590	9058.000	109.588	109.588
9059.000	109.585	109.585	9060.000	109.583	109.583	9061.000	109.580	109.580	9062.000	109.578	109.578
9063.000	109.576	109.576	9064.000	109.573	109.573	9065.000	109.571	109.571	9066.000	109.568	109.568
9067.000	109.566	109.566	9068.000	109.563	109.563	9069.000	109.561	109.561	9070.000	109.559	109.559
9071.000	109.556	109.556	9072.000	109.554	109.554	9073.000	109.551	109.551	9074.000	109.549	109.549
9075.000	109.546	109.546	9076.000	109.544	109.544	9077.000	109.541	109.541	9078.000	109.539	109.539
9079.000	109.536	109.536	9080.000	109.534	109.534	9081.000	109.531	109.531	9082.000	109.529	109.529
9083.000	109.526	109.526	9084.000	109.524	109.524	9085.000	109.521	109.521	9086.000	109.519	109.519
9087.000	109.516	109.516	9088.000	109.514	109.514	9089.000	109.511	109.511	9090.000	109.509	109.509
9091.000	109.506	109.506	9092.000	109.504	109.504	9093.000	109.501	109.501	9094.000	109.499	109.499
9095.000	109.496	109.496	9096.000	109.494	109.494	9097.000	109.491	109.491	9098.000	109.489	109.489
9099.000	109.486	109.486	9100.000	109.483	109.483	9101.000	109.481	109.481	9102.000	109.478	109.478

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

ETAP  
14.1.0N  
  
Study Case: BS1A-48

Page: 126  
Date: 11-17-2018  
SN: KCICONSULT  
Revision: Base  
Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
9103.000	109.476	109.476	9104.000	109.473	109.473	9105.000	109.471	109.471	9106.000	109.468	109.468
9107.000	109.465	109.465	9108.000	109.463	109.463	9109.000	109.460	109.460	9110.000	109.458	109.458
9111.000	109.455	109.455	9112.000	109.453	109.453	9113.000	109.450	109.450	9114.000	109.447	109.447
9115.000	109.445	109.445	9116.000	109.442	109.442	9117.000	109.439	109.439	9118.000	109.437	109.437
9119.000	109.434	109.434	9120.000	109.432	109.432	9121.000	109.429	109.429	9122.000	109.426	109.426
9123.000	109.424	109.424	9124.000	109.421	109.421	9125.000	109.418	109.418	9126.000	109.416	109.416
9127.000	109.413	109.413	9128.000	109.410	109.410	9129.000	109.408	109.408	9130.000	109.405	109.405
9131.000	109.402	109.402	9132.000	109.400	109.400	9133.000	109.397	109.397	9134.000	109.394	109.394
9135.000	109.392	109.392	9136.000	109.389	109.389	9137.000	109.386	109.386	9138.000	109.383	109.383
9139.000	109.381	109.381	9140.000	109.378	109.378	9141.000	109.375	109.375	9142.000	109.373	109.373
9143.000	109.370	109.370	9144.000	109.367	109.367	9145.000	109.364	109.364	9146.000	109.362	109.362
9147.000	109.359	109.359	9148.000	109.356	109.356	9149.000	109.353	109.353	9150.000	109.351	109.351
9151.000	109.348	109.348	9152.000	109.345	109.345	9153.000	109.342	109.342	9154.000	109.340	109.340
9155.000	109.337	109.337	9156.000	109.334	109.334	9157.000	109.331	109.331	9158.000	109.328	109.328
9159.000	109.326	109.326	9160.000	109.323	109.323	9161.000	109.320	109.320	9162.000	109.317	109.317
9163.000	109.314	109.314	9164.000	109.312	109.312	9165.000	109.309	109.309	9166.000	109.306	109.306
9167.000	109.303	109.303	9168.000	109.300	109.300	9169.000	109.297	109.297	9170.000	109.295	109.295
9171.000	109.292	109.292	9172.000	109.289	109.289	9173.000	109.286	109.286	9174.000	109.283	109.283
9175.000	109.280	109.280	9176.000	109.277	109.277	9177.000	109.274	109.274	9178.000	109.272	109.272
9179.000	109.269	109.269	9180.000	109.266	109.266	9181.000	109.263	109.263	9182.000	109.260	109.260
9183.000	109.257	109.257	9184.000	109.254	109.254	9185.000	109.251	109.251	9186.000	109.248	109.248
9187.000	109.245	109.245	9188.000	109.242	109.242	9189.000	109.240	109.240	9190.000	109.237	109.237
9191.000	109.234	109.234	9192.000	109.231	109.231	9193.000	109.228	109.228	9194.000	109.225	109.225
9195.000	109.222	109.222	9196.000	109.219	109.219	9197.000	109.216	109.216	9198.000	109.213	109.213
9199.000	109.210	109.210	9200.000	109.207	109.207	9201.000	109.204	109.204	9202.000	109.201	109.201
9203.000	109.198	109.198	9204.000	109.195	109.195	9205.000	109.192	109.192	9206.000	109.189	109.189
9207.000	109.186	109.186	9208.000	109.183	109.183	9209.000	109.180	109.180	9210.000	109.177	109.177
9211.000	109.174	109.174	9212.000	109.171	109.171	9213.000	109.168	109.168	9214.000	109.165	109.165
9215.000	109.162	109.162	9216.000	109.158	109.158	9217.000	109.155	109.155	9218.000	109.152	109.152
9219.000	109.149	109.149	9220.000	109.146	109.146	9221.000	109.143	109.143	9222.000	109.140	109.140
9223.000	109.137	109.137	9224.000	109.134	109.134	9225.000	109.131	109.131	9226.000	109.128	109.128
9227.000	109.124	109.124	9228.000	109.121	109.121	9229.000	109.118	109.118	9230.000	109.115	109.115
9231.000	109.112	109.112	9232.000	109.109	109.109	9233.000	109.106	109.106	9234.000	109.102	109.102
9235.000	109.099	109.099	9236.000	109.096	109.096	9237.000	109.093	109.093	9238.000	109.090	109.090
9239.000	109.087	109.087	9240.000	109.083	109.083	9241.000	109.080	109.080	9242.000	109.077	109.077
9243.000	109.074	109.074	9244.000	109.071	109.071	9245.000	109.067	109.067	9246.000	109.064	109.064
9247.000	109.061	109.061	9248.000	109.058	109.058	9249.000	109.054	109.054	9250.000	109.051	109.051

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

ETAP  
14.1.0N  
  
Study Case: BS1A-48

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## DIV 1 Battery 1A 48-Hour Coping Study

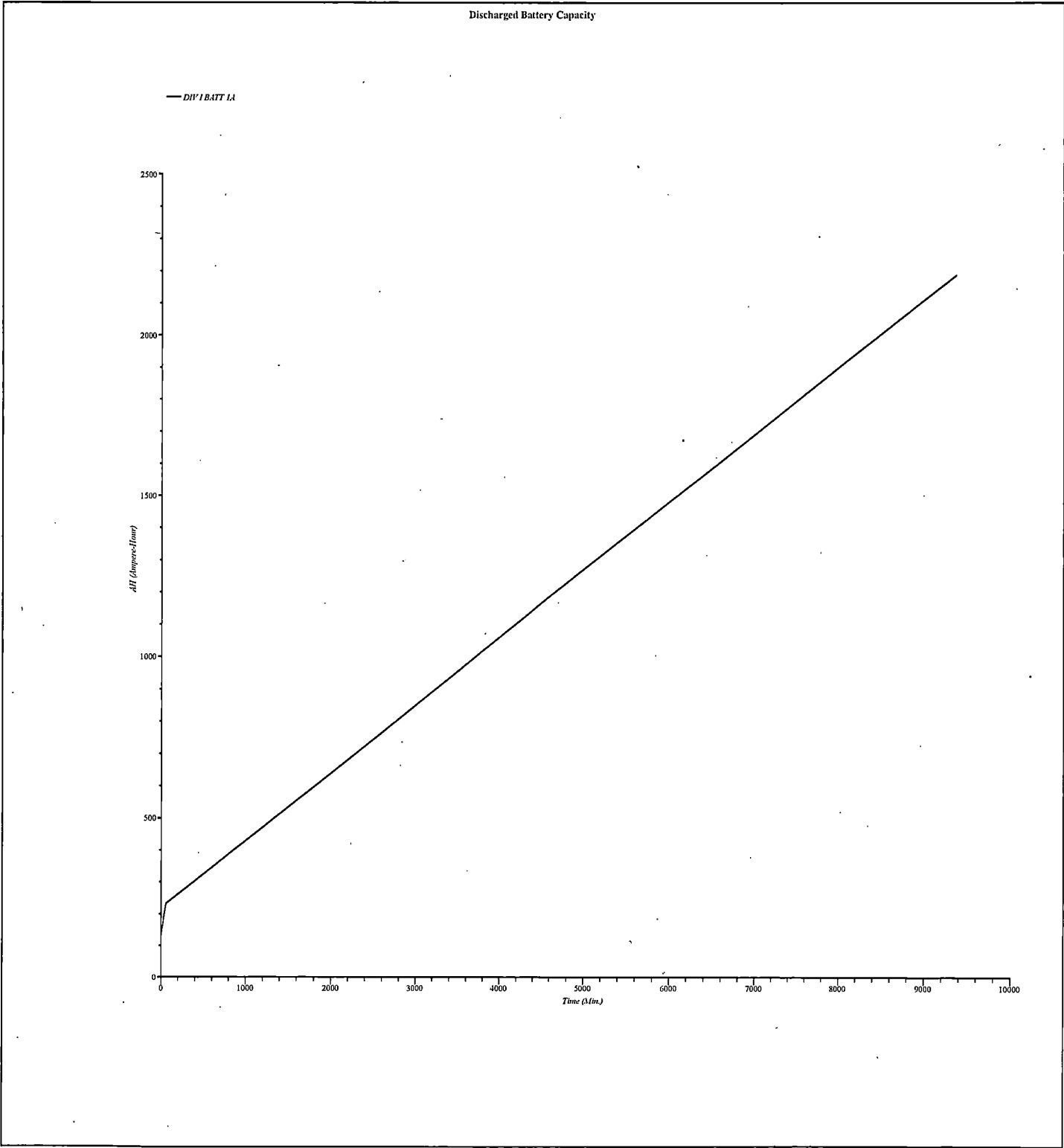
## DC MCC 1A

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
9251.000	109.048	109.048	9252.000	109.045	109.045	9253.000	109.041	109.041	9254.000	109.038	109.038
9255.000	109.035	109.035	9256.000	109.032	109.032	9257.000	109.028	109.028	9258.000	109.025	109.025
9259.000	109.022	109.022	9260.000	109.018	109.018	9261.000	109.015	109.015	9262.000	109.012	109.012
9263.000	109.008	109.008	9264.000	109.005	109.005	9265.000	109.002	109.002	9266.000	108.998	108.998
9267.000	108.995	108.995	9268.000	108.992	108.992	9269.000	108.988	108.988	9270.000	108.985	108.985
9271.000	108.982	108.982	9272.000	108.978	108.978	9273.000	108.975	108.975	9274.000	108.972	108.972
9275.000	108.968	108.968	9276.000	108.965	108.965	9277.000	108.961	108.961	9278.000	108.958	108.958
9279.000	108.955	108.955	9280.000	108.951	108.951	9281.000	108.948	108.948	9282.000	108.944	108.944
9283.000	108.941	108.941	9284.000	108.937	108.937	9285.000	108.934	108.934	9286.000	108.931	108.931
9287.000	108.927	108.927	9288.000	108.924	108.924	9289.000	108.920	108.920	9290.000	108.917	108.917
9291.000	108.913	108.913	9292.000	108.910	108.910	9293.000	108.906	108.906	9294.000	108.903	108.903
9295.000	108.899	108.899	9296.000	108.896	108.896	9297.000	108.892	108.892	9298.000	108.889	108.889
9299.000	108.885	108.885	9300.000	108.882	108.882	9301.000	108.878	108.878	9302.000	108.874	108.874
9303.000	108.871	108.871	9304.000	108.867	108.867	9305.000	108.864	108.864	9306.000	108.860	108.860
9307.000	108.857	108.857	9308.000	108.853	108.853	9309.000	108.849	108.849	9310.000	108.846	108.846
9311.000	108.842	108.842	9312.000	108.839	108.839	9313.000	108.835	108.835	9314.000	108.831	108.831
9315.000	108.828	108.828	9316.000	108.824	108.824	9317.000	108.820	108.820	9318.000	108.817	108.817
9319.000	108.813	108.813	9320.000	108.809	108.809	9321.000	108.806	108.806	9322.000	108.802	108.802
9323.000	108.798	108.798	9324.000	108.795	108.795	9325.000	108.791	108.791	9326.000	108.787	108.787
9327.000	108.784	108.784	9328.000	108.780	108.780	9329.000	108.776	108.776	9330.000	108.772	108.772
9331.000	108.769	108.769	9332.000	108.765	108.765	9333.000	108.761	108.761	9334.000	108.757	108.757
9335.000	108.754	108.754	9336.000	108.750	108.750	9337.000	108.746	108.746	9338.000	108.742	108.742
9339.000	108.738	108.738	9340.000	108.735	108.735	9341.000	108.731	108.731	9342.000	108.727	108.727
9343.000	108.723	108.723	9344.000	108.719	108.719	9345.000	108.716	108.716	9346.000	108.712	108.712
9347.000	108.708	108.708	9348.000	108.704	108.704	9349.000	108.700	108.700	9350.000	108.696	108.696
9351.000	108.692	108.692	9352.000	108.688	108.688	9353.000	108.685	108.685	9354.000	108.681	108.681
9355.000	108.677	108.677	9356.000	108.673	108.673	9357.000	108.669	108.669	9358.000	108.665	108.665
9359.000	108.661	108.661	9360.000	108.657	108.657	9361.000	108.653	108.653	9362.000	108.649	108.649
9363.000	108.645	108.645	9363.333	108.644	119.654						

Project:	Clinton Flex Study	ETAP	Date:	11-16-2018
Location:	KCI	14.1.0N	SN:	KCICONSLT
Contract:			Revision:	Base
Engineer:	Badar Hussain	Study Case: BS1A-48	Config.:	Normal

DIV 1 Battery 1A 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1A Sizing 48 HR



Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain

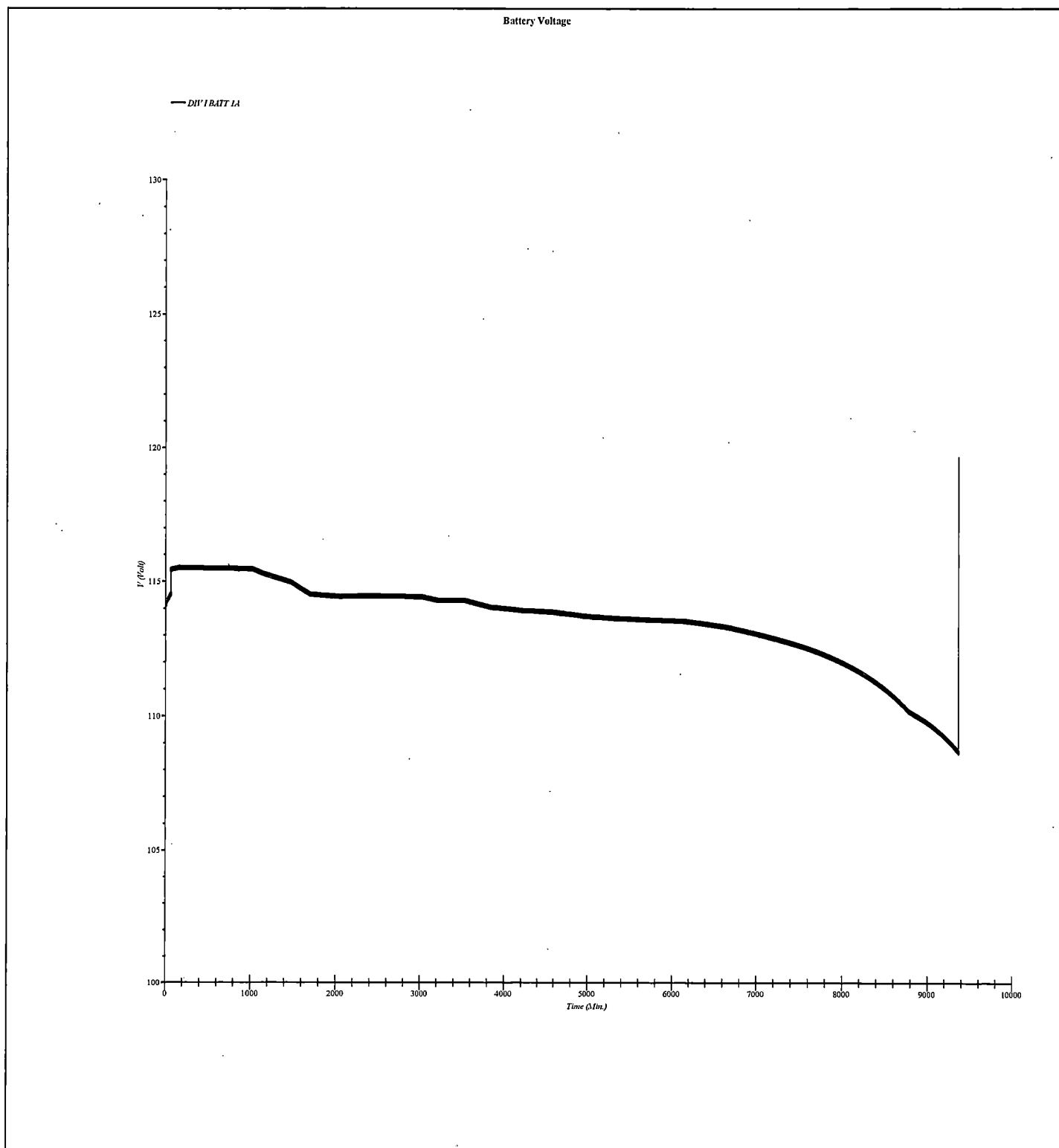
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Study Case: BS1A-48

Date: 11-16-2018  
SN: KCiconsult  
Revision: Base  
Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1A Sizing 48 HR



Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain

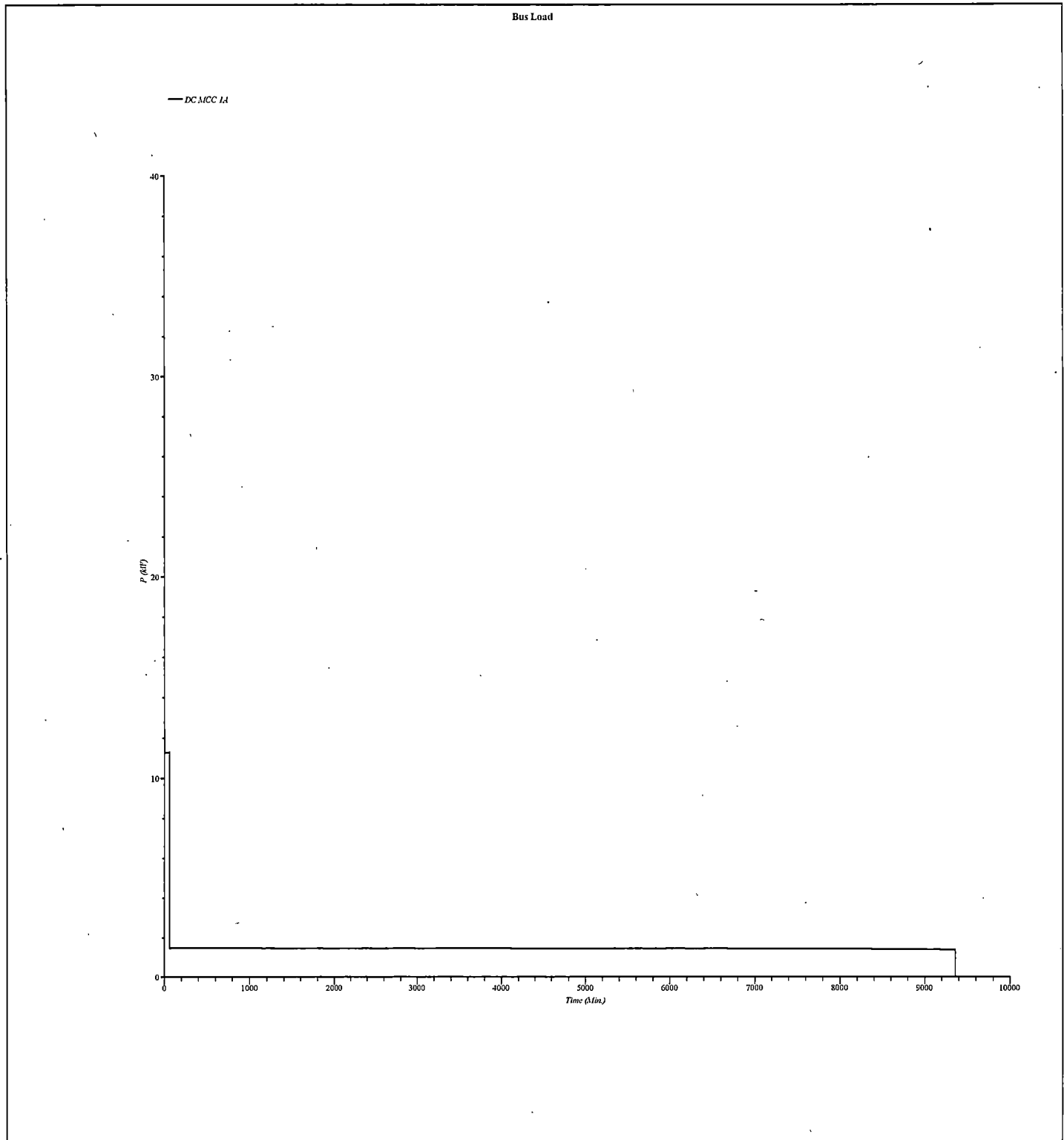
ETAP  
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Study Case: BS1A-48

Date: 11-16-2018  
SN: KCiconsult  
Revision: Base  
Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1A Sizing 48 HR



Project: Clinton Flex Study  
Location: KCI  
Contract:  
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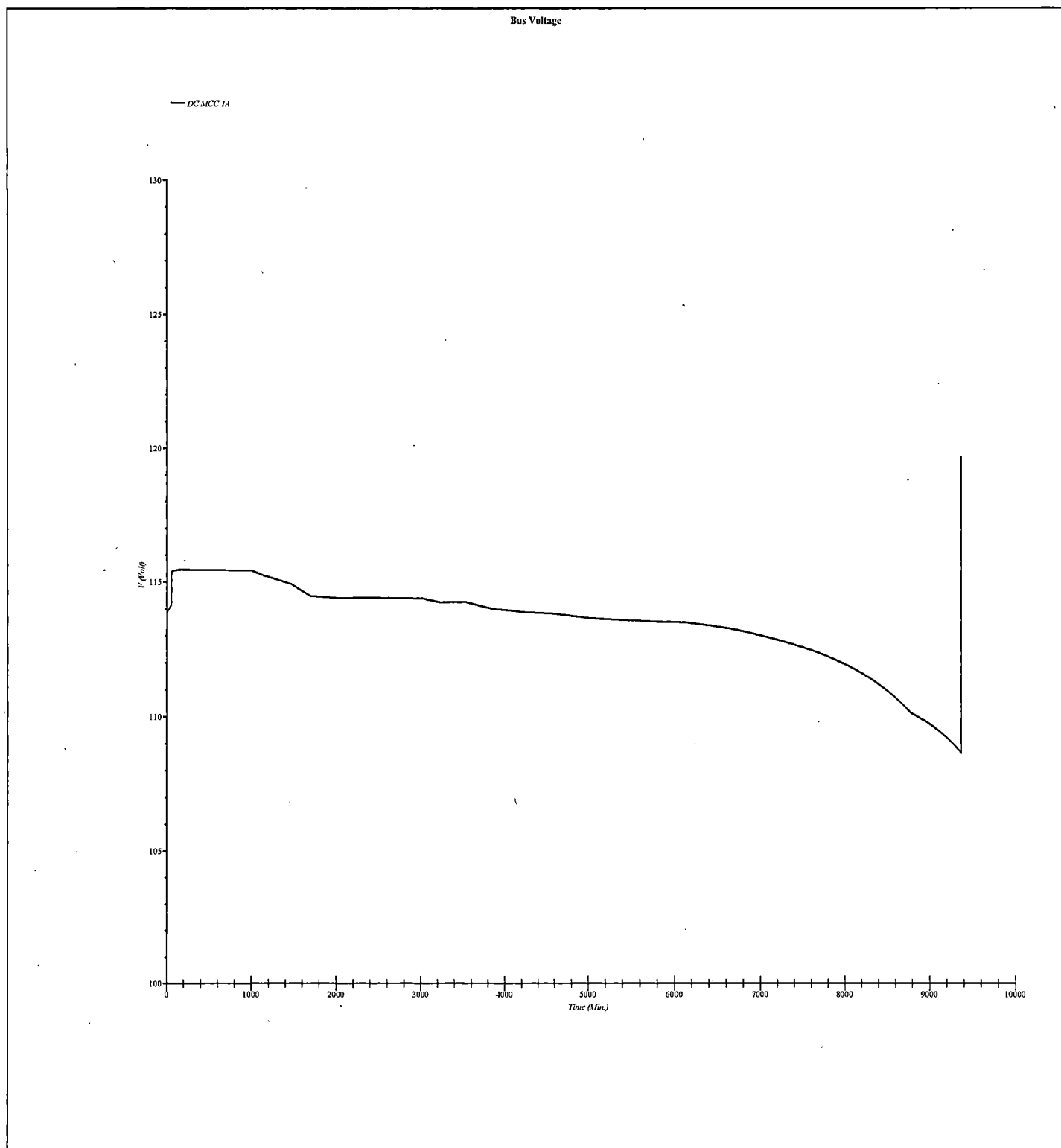
ETAP  
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Study Case: BS1A-48

Date: 11-16-2018  
SN: KCiconsult  
Revision: Base  
Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1A Sizing 48 HR



Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

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Study Case: BS1AIRCIC-48

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 Revision: Base  
 Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

### Electrical Transient Analyzer Program

#### Battery Sizing Calculation

Battery ID: DIV1 BATT 1A2

Duty Cycle Category: Normal

Duty Cycle from: DC Load Flow Calculation

Load Duration: Duty Cycle Span

Diversity Factor: 100 %

Number of Buses:	<u>Voltage Reg.</u>	<u>Load</u>	<u>Total</u>		
	0	2	2		
Number of Converters:	<u>Charger</u>	<u>UPS</u>	<u>Inverter</u>	<u>DC Converter</u>	<u>Total</u>
	0	0	0	0	0
Number of Branches:	<u>Cable</u>	<u>Impedance</u>	<u>Tie PD</u>	<u>Total</u>	
	1	0	0	1	
Number of Batteries:	<u>Battery</u>				
	1				
Number of Loads:	<u>Motor</u>	<u>Static Load</u>	<u>Lumped Load</u>	<u>Composite CSD</u>	<u>Total</u>
	0	13	0	0	13

Unit System: English  
 Project File: CPS SBO Study  
 Output File: C:\Badar\CLINTON DC\CPS SBO Study\BATT 1A2 Sizing 48 Hr.DB1S

Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

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Study Case: BS1A1RCIC-48

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 Revision: Base  
 Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

**Bus and Connected Load Data**

Bus		Connected Load			
ID	V	ID	Type	V	FLA
DC MCC 1A2	125.00	1A2 Load(0s-1s)	Static Load	120.00	280.20
DC MCC 1A2	125.00	1A2 Load(1s-60s)	Static Load	120.00	109.20
DC MCC 1A2	125.00	1A2 Load(60s-1h)	Static Load	120.00	96.81
DC MCC 1A2	125.00	1A2 Load(1h-24h)	Static Load	120.00	12.24
DC MCC 1A2	125.00	1A2 Load(20h8s-20h11s)	Static Load	120.00	110.00
DC MCC 1A2	125.00	1A2 Load(20h11s-20h60s)	Static Load	120.00	55.00
DC MCC 1A2	125.00	1A2 Load(20h15s-20h18s)	Static Load	120.00	181.40
DC MCC 1A2	125.00	1A2 Load(20h18s-20h45s)	Static Load	120.00	44.40
DC MCC 1A2	125.00	1A2 Load(24h-48h)	Static Load	120.00	12.24
DC MCC 1A2	125.00	1A2 ADS(1h-24h)	Static Load	120.00	0.38
DC MCC 1A2	125.00	1A2 ADS(24h-48h)	Static Load	120.00	0.38
DC MCC 1A2	125.00	1A2 Load(20h-24h)	Static Load	120.00	62.86
DC MCC 1A2	125.00	1A2 Load(24h-40h)	Static Load	120.00	62.86

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
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Config.: Normal

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**DIV 1 Battery 1A 48-Hour Coping Study**

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**Cable Input Data**

Cable	Connected Buses		ohms or micro H / 1000 ft per Conductor				
ID	From	To	Length(ft)	#/Phase	T (°C)	R	L
1DC01A/B2	BATT 1A BUS2	DC MCC 1A2	10.0	1	90	0.15400	0.00

Cable resistance listed at the specified temperature

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS.SBO Study

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Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

**Branch / Converter / UPS Connections**

CKT/Branch		Connected Bus ID		Impedance	
ID	Type	From Bus	To Bus	(ohm)	(%) 100 MVA
1DC01A/B2	Cable	BATT 1A BUS2	DC MCC 1A2	0.00364	2543.13

Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

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 Revision: Base  
 Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

**Duty Cycle**

**Load ID: 1A2 ADS(1h-24h)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
3600.000	86599.980	0.38		

**Load ID: 1A2 ADS(24h-48h)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
86599.980	144199.980	0.38		

**Load ID: 1A2 Load(0s-1s)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
0.000	1.000	280.20		

**Load ID: 1A2 Load(1h-24h)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
3600.000	86599.980	12.24		

**Load ID: 1A2 Load(1s-60s)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
1.000	60.000	109.20		

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## Load ID: 1A2 Load(20h11s-20h60s)

## Constant Current Load

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
72010.980	72060.000	55.00		

## Load ID: 1A2 Load(20h15s-20h18s)

## Constant Current Load

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
72015.000	72018.000	181.40		

## Load ID: 1A2 Load(20h18s-20h45s)

## Constant Current Load

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
72018.000	72045.000	44.40		

## Load ID: 1A2 Load(20h-24h)

## Constant Current Load

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
72000.000	86599.980	62.86		

## Load ID: 1A2 Load(20h8s-20h11s)

## Constant Current Load

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
72007.980	72010.980	110.00		

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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**DIV 1 Battery 1A 48-Hour Coping Study**

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**Load ID: 1A2 Load(24h-40h)****Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
86599.980	144199.980	62.86		

**Load ID: 1A2 Load(24h-48h)****Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
86599.980	144199.980	12.24		

**Load ID: 1A2 Load(60s-1h)****Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
60.000	3600.000	96.81		

Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

Battery ID: DIV I BATT 1A2  
 Method: Load Flow Calculation

Battery Load Profile for Sizing

Non-Random Load			Random Load		
t1 (s)	t2 (s)	Amp	t1 (s)	t2 (s)	Amp
0.000	60.000	280.20	0.000	0.000	0.00
60.000	3600.000	96.81			
3600.000	72000.000	12.62			
72000.000	72060.000	311.88			
72060.000	144199.980	75.48			
144199.980		0.00			

Battery Load Profile for Discharge

Non-Random Load			Random Load		
t1 (s)	t2 (s)	Amp	t1 (s)	t2 (s)	Amp
0.000	1.000	280.20	0.000	0.000	0.00
1.000	60.000	109.20			
60.000	3600.000	96.81			
3600.000	72000.000	12.62			
72000.000	72007.980	75.48			
72007.980	72010.980	185.48			
72010.980	72015.000	130.48			
72015.000	72018.000	311.88			
72018.000	72045.000	174.88			
72045.000	72060.000	130.48			
72060.000	144199.980	75.48			
144199.980		0.00			

Project: Clinton Flex Study  
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#### DIV 1 Battery 1A 48-Hour Coping Study

#### Battery Characteristics

MFR: C&D Tech  
Model: CPS LCR-25  
Type: Time vs amp  
V/Cell: 2.063  
Rp: 0.001404 Resistance/Positive Plate  
Temp: 25 °C  
No of Plates: 25  
Capacity: 1800 AH  
1 Min. A Rate: 1800

Battery sizes given in the library are used.

#### Ampere per Positive Plate as a Function of Time (minutes) and Voltage (volts)

Time	1.75	1.78	1.81 #	1.85	1.90	1.95
1.00	150.00	129.75	109.00	83.83	50.34	21.42
15.00	121.42	109.17	95.50	76.17	47.26	20.78
30.00	101.00	92.92	83.58	68.75	42.00	19.10
60.00	76.25	71.83	66.42	56.75	38.27	19.76
120.00	52.00	49.88	47.00	41.63	29.70	18.00
180.00	40.00	38.50	36.63	33.00	24.89	14.70
240.00	31.20	31.63	30.25	27.50	20.00	12.00
300.00	27.50	26.75	24.80	23.63	17.75	10.80
480.00	18.88	18.50	17.88	16.75	13.46	8.90
720.00	13.38	13.13	12.75	12.13	10.00	6.65
960.00	10.70	10.34	10.10	9.35	7.85	5.35
1200.00	8.74	8.50	8.30	7.74	6.60	4.60
1440.00	7.40	7.30	7.15	6.70	5.65	4.10
1920.00	5.70	5.64	5.50	5.24	4.56	3.30
2400.00	4.70	4.62	4.58	4.38	3.80	2.80
2880.00	4.00	3.88	3.85	3.70	3.25	2.45

# Indicates the curve used in battery sizing.

\* The ampere value is missing in the battery library and this value was estimated based on user entered library data.

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

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**Calculation Results**

(1 Strings)

Section Size for Non-Rand. Load					Section Size for Rand. Load				
#	t start	t end	Size/String	Total Size	#	t start	t end	Size/String	Total Size
1	0.000	1.000	2.571	2.571	0	0.000	0.000	0.000	0.000
2	0.000	60.000	1.473	1.473					
3	0.000	1200.000	0.000	0.000					
4	0.000	1201.000	4.729	4.729					
5	0.000	2403.333	10.766	10.766					

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

**Non-Random Loads**

(1 Strings)

Period	Load (amperes)	Change in Load (amperes)	Duration of Period (minutes)	Time to End of Section (minutes)	Capacity at T Min Rate (RT) (Str* Amp/PP)	Required Section Size (Positive Plates/String)		Required Total Section Size (Positive Plates)	
						Pos. Values	Neg. Values	Pos. Values	Neg. Values

Section 1 - First period only - If A2 is greater than A1, go to Section 2.

1	A1=280	A1-0=280	M1=1	T=M1=1	109.0	2.57		2.57	
Section 1 Sub-Total:						2.57		2.57	
Total:						2.57		2.57	

Section 2 - First two periods only - If A3 is greater than A2, go to Section 3.

1	A1=280	A1-0=280	M1=1	T=M1+M2=60	66.4	4.22		4.22	
2	A2=97	A2-A1=-183	M2=59	T=M2=59	66.8		-2.75		-2.75
Section 2 Sub-Total:						4.22	-2.75	4.22	-2.75
Total:						1.47		1.47	

Section 3 - First three periods only - If A4 is greater than A3, go to Section 4.

1	A1=	A1-0=	M1=	T=M1+M2+M3=					
2	A2=	A2-A1=	M2=	T=M2+M3=					
3	A3=	A3-A2=	M3=	T=M3=					
Section 3 Sub-Total:									
Total:									

Section 4 - First four periods only - If A5 is greater than A4, go to Section 5.

1	A1=280	A1-0=280	M1=1	T=M1+...+M4=1,201	8.3	33.78		33.78	
2	A2=97	A2-A1=-183	M2=59	T=M2+M3+M4=1,200	8.3		-22.10		-22.10
3	A3=13	A3-A2=-84	M3=1,140	T=M3+M4=1,141	8.7		-9.70		-9.70
4	A4=312	A4-A3=299	M4=1	T=M4=1	109.0	2.75		2.75	
Section 4 Sub-Total:						36.53	-31.80	36.53	-31.80
Total:						4.73		4.73	

Section 5 - First five periods only - If A6 is greater than A5, go to Section 6.

1	A1=280	A1-0=280	M1=1	T=M1+...+M5=2,403	4.6	61.26		61.26	
2	A2=97	A2-A1=-183	M2=59	T=M2+...+M5=2,402	4.6		-40.08		-40.08
3	A3=13	A3-A2=-84	M3=1,140	T=M3+M4+M5=2,343	4.7		-18.03		-18.03
4	A4=312	A4-A3=299	M4=1	T=M4+M5=1,203	8.3	36.14		36.14	
5	A5=75	A5-A4=-236	M5=1,202	T=M5=1,202	8.3		-28.53		-28.53

Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

(1 Strings)

Period	Load (amperes)	Change in Load (amperes)	Duration of Period (minutes)	Time to End of Section (minutes)	Capacity at T Min Rate (RT) (Str* Amp/PP)	Required Section Size (Positive Plates/String)		Required Total Section Size (Positive Plates)	
						Pos. Values	Neg. Values	Pos. Values	Neg. Values
Section 5 Sub-Total:						97.40	-86.63	97.40	-86.63
Total:						10.77		10.77	

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

**Battery Sizing Summary Page**

**Battery ID:** DIV I BATT 1A2  
**Duty Cycle Category:** Normal  
**Load Duration:** Duty Cycle Span

**Voltage Requirements:**

**System:** Nominal Voltage = 125.00  
Maximum System Voltage Deviation = 120 %  
Minimum System Voltage Deviation = 80 %  
  
**Battery:** Battery Charge Voltage = 2.30 V/Cell  
Battery Minimum Discharge Voltage = 1.81 V/Cell  
Temperature = 18 °C (Battery minimum temperature)  
Desirable Number of Cells = 58

**Correction Factors (%):**

Temperature	Design Margin	Aging	Initial Capacity	Total
108.0	100	100	100	108.0

**Calculated Battery Size Based on the Curve for 25 Plates:****Required Number of Positive Plates**

	Per String	Total
Max. Non-Rand. Load:	10.766	10.766
Max Rand. Load:	0.000	0.000
Uncorrected:	10.766	10.766
Corrected:	11.622	11.622 (Corrected by multiplying correction factor)

Recommended Number of Total Plates per String: 25

Number of cells: 58  
Number of Strings: 1  
Rated Voltage: 119.65  
Rated Capacity: 1800

**Existing Battery:**

Number of Strings: 1  
Number of Positive Plates per String: 12  
Number of Total Positive Plates: 12  
Difference in Total Positive Plates between Existing and Required: 0.378

Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
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 Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

**Battery Discharge Summary Page**

**Battery ID:** DIV I BATT 1A2

Number of cells: 58

Number of Strings: 1

Rated Voltage: 119.65

Rated Capacity: 1800 AH

Duty Cycle Category: Normal

Load Duration: Duty Cycle Span

**Voltage Requirements:**

**System:** Nominal Voltage = 125.00  
 Maximum System Voltage Deviation = 120 %  
 Minimum System Voltage Deviation = 80 %

**Battery:** Battery Charge Voltage = 2.30 V/Cell  
 Battery Minimum Discharge Voltage = 1.81 V/Cell  
 Temperature = 18 °C (Battery minimum temperature)

**Voltage Drop Calculation Parameters:**

Time Step = 1.00 Minute

Maximum Voltage Limit = 100.0 %

**Voltage Drop Calculation Parameters:**

Load Duty Cycle - No One-minute Span

**Correction Factors (%):**

Temperature	Aging	Initial Capacity	Total
108.0	100	100	108.0

Project: Clinton Flex Study  
Location: KCI  
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## DIV 1 Battery 1A 48-Hour Coping Study

Battery Discharge Tabulation

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
0.000	280.2	132.67	119.654	112.674	0.017	109.2	132.75	112.674	114.136
1.000	96.8	134.54	114.139	114.244	2.000	96.8	136.15	114.247	114.247
3.000	96.8	137.77	114.250	114.250	4.000	96.8	139.38	114.253	114.253
5.000	96.8	140.99	114.256	114.256	6.000	96.8	142.61	114.259	114.259
7.000	96.8	144.22	114.264	114.264	8.000	96.8	145.83	114.268	114.268
9.000	96.8	147.45	114.273	114.273	10.000	96.8	149.06	114.277	114.277
11.000	96.8	150.67	114.282	114.282	12.000	96.8	152.29	114.287	114.287
13.000	96.8	153.90	114.291	114.291	14.000	96.8	155.51	114.296	114.296
15.000	96.8	157.13	114.301	114.301	16.000	96.8	158.74	114.305	114.305
17.000	96.8	160.36	114.310	114.310	18.000	96.8	161.97	114.315	114.315
19.000	96.8	163.58	114.320	114.320	20.000	96.8	165.20	114.324	114.324
21.000	96.8	166.81	114.329	114.329	22.000	96.8	168.42	114.334	114.334
23.000	96.8	170.04	114.339	114.339	24.000	96.8	171.65	114.344	114.344
25.000	96.8	173.26	114.349	114.349	26.000	96.8	174.88	114.354	114.354
27.000	96.8	176.49	114.359	114.359	28.000	96.8	178.10	114.364	114.364
29.000	96.8	179.72	114.370	114.370	30.000	96.8	181.33	114.375	114.375
31.000	96.8	182.94	114.380	114.380	32.000	96.8	184.56	114.385	114.385
33.000	96.8	186.17	114.390	114.390	34.000	96.8	187.78	114.396	114.396
35.000	96.8	189.40	114.401	114.401	36.000	96.8	191.01	114.406	114.406
37.000	96.8	192.63	114.412	114.412	38.000	96.8	194.24	114.417	114.417
39.000	96.8	195.85	114.423	114.423	40.000	96.8	197.47	114.428	114.428
41.000	96.8	199.08	114.434	114.434	42.000	96.8	200.69	114.440	114.440
43.000	96.8	202.31	114.445	114.445	44.000	96.8	203.92	114.451	114.451
45.000	96.8	205.53	114.457	114.457	46.000	96.8	207.15	114.462	114.462
47.000	96.8	208.76	114.468	114.468	48.000	96.8	210.37	114.474	114.474
49.000	96.8	211.99	114.480	114.480	50.000	96.8	213.60	114.486	114.486
51.000	96.8	215.21	114.492	114.492	52.000	96.8	216.83	114.498	114.498
53.000	96.8	218.44	114.504	114.504	54.000	96.8	220.05	114.510	114.510
55.000	96.8	221.67	114.516	114.516	56.000	96.8	223.28	114.522	114.522
57.000	96.8	224.90	114.528	114.528	58.000	96.8	226.51	114.535	114.535
59.000	96.8	228.12	114.541	114.541	60.000	12.6	229.74	114.547	115.420
61.000	12.6	229.95	115.421	115.421	62.000	12.6	230.16	115.422	115.422
63.000	12.6	230.37	115.423	115.423	64.000	12.6	230.58	115.425	115.425
65.000	12.6	230.79	115.426	115.426	66.000	12.6	231.00	115.427	115.427

Project: Clinton Flex Study  
Location: KCI  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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#### DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
67.000	12.6	231.21	* 115.428	* 115.428	68.000	12.6	231.42	* 115.430	* 115.430
69.000	12.6	231.63	* 115.431	* 115.431	70.000	12.6	231.84	* 115.432	* 115.432
71.000	12.6	232.05	* 115.433	* 115.433	72.000	12.6	232.26	* 115.435	* 115.435
73.000	12.6	232.47	* 115.436	* 115.436	74.000	12.6	232.68	* 115.437	* 115.437
75.000	12.6	232.89	* 115.438	* 115.438	76.000	12.6	233.10	* 115.440	* 115.440
77.000	12.6	233.31	* 115.441	* 115.441	78.000	12.6	233.52	* 115.442	* 115.442
79.000	12.6	233.73	* 115.444	* 115.444	80.000	12.6	233.94	* 115.445	* 115.445
81.000	12.6	234.15	* 115.446	* 115.446	82.000	12.6	234.36	* 115.447	* 115.447
83.000	12.6	234.57	* 115.449	* 115.449	84.000	12.6	234.78	* 115.450	* 115.450
85.000	12.6	234.99	* 115.451	* 115.451	86.000	12.6	235.20	* 115.453	* 115.453
87.000	12.6	235.41	* 115.454	* 115.454	88.000	12.6	235.62	* 115.455	* 115.455
89.000	12.6	235.83	* 115.456	* 115.456	90.000	12.6	236.04	* 115.458	* 115.458
91.000	12.6	236.25	* 115.459	* 115.459	92.000	12.6	236.46	* 115.460	* 115.460
93.000	12.6	236.68	* 115.462	* 115.462	94.000	12.6	236.89	* 115.463	* 115.463
95.000	12.6	237.10	* 115.464	* 115.464	96.000	12.6	237.31	* 115.465	* 115.465
97.000	12.6	237.52	* 115.465	* 115.465	98.000	12.6	237.73	* 115.466	* 115.466
99.000	12.6	237.94	* 115.467	* 115.467	100.000	12.6	238.15	* 115.467	* 115.467
101.000	12.6	238.36	* 115.468	* 115.468	102.000	12.6	238.57	* 115.468	* 115.468
103.000	12.6	238.78	* 115.469	* 115.469	104.000	12.6	238.99	* 115.470	* 115.470
105.000	12.6	239.20	* 115.470	* 115.470	106.000	12.6	239.41	* 115.471	* 115.471
107.000	12.6	239.62	* 115.471	* 115.471	108.000	12.6	239.83	* 115.472	* 115.472
109.000	12.6	240.04	* 115.473	* 115.473	110.000	12.6	240.25	* 115.473	* 115.473
111.000	12.6	240.46	* 115.474	* 115.474	112.000	12.6	240.67	* 115.474	* 115.474
113.000	12.6	240.88	* 115.475	* 115.475	114.000	12.6	241.09	* 115.476	* 115.476
115.000	12.6	241.30	* 115.476	* 115.476	116.000	12.6	241.51	* 115.477	* 115.477
117.000	12.6	241.72	* 115.477	* 115.477	118.000	12.6	241.93	* 115.478	* 115.478
119.000	12.6	242.14	* 115.479	* 115.479	120.000	12.6	242.35	* 115.479	* 115.479
121.000	12.6	242.56	* 115.480	* 115.480	122.000	12.6	242.77	* 115.481	* 115.481
123.000	12.6	242.98	* 115.481	* 115.481	124.000	12.6	243.19	* 115.482	* 115.482
125.000	12.6	243.40	* 115.482	* 115.482	126.000	12.6	243.61	* 115.483	* 115.483
127.000	12.6	243.82	* 115.484	* 115.484	128.000	12.6	244.04	* 115.484	* 115.484
129.000	12.6	244.25	* 115.485	* 115.485	130.000	12.6	244.46	* 115.485	* 115.485
131.000	12.6	244.67	* 115.486	* 115.486	132.000	12.6	244.88	* 115.487	* 115.487
133.000	12.6	245.09	* 115.487	* 115.487	134.000	12.6	245.30	* 115.488	* 115.488
135.000	12.6	245.51	* 115.488	* 115.488	136.000	12.6	245.72	* 115.489	* 115.489
137.000	12.6	245.93	* 115.490	* 115.490	138.000	12.6	246.14	* 115.490	* 115.490

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
139.000	12.6	246.35	*		115.491	115.491	140.000	12.6	246.56	*		115.492	115.492
141.000	12.6	246.77	*		115.492	115.492	142.000	12.6	246.98	*		115.493	115.493
143.000	12.6	247.19	*		115.493	115.493	144.000	12.6	247.40	*		115.494	115.494
145.000	12.6	247.61	*		115.495	115.495	146.000	12.6	247.82	*		115.495	115.495
147.000	12.6	248.03	*		115.496	115.496	148.000	12.6	248.24	*		115.497	115.497
149.000	12.6	248.45	*		115.497	115.497	150.000	12.6	248.66	*		115.498	115.498
151.000	12.6	248.87	*		115.498	115.498	152.000	12.6	249.08	*		115.499	115.499
153.000	12.6	249.29	*		115.500	115.500	154.000	12.6	249.50	*		115.500	115.500
155.000	12.6	249.71	*		115.501	115.501	156.000	12.6	249.92	*		115.501	115.501
157.000	12.6	250.13	*		115.502	115.502	158.000	12.6	250.34	*		115.503	115.503
159.000	12.6	250.55	*		115.503	115.503	160.000	12.6	250.76	*		115.504	115.504
161.000	12.6	250.97	*		115.505	115.505	162.000	12.6	251.18	*		115.505	115.505
163.000	12.6	251.39	*		115.506	115.506	164.000	12.6	251.61	*		115.507	115.507
165.000	12.6	251.82	*		115.507	115.507	166.000	12.6	252.03	*		115.508	115.508
167.000	12.6	252.24	*		115.508	115.508	168.000	12.6	252.45	*		115.508	115.508
169.000	12.6	252.66	*		115.508	115.508	170.000	12.6	252.87	*		115.508	115.508
171.000	12.6	253.08	*		115.507	115.507	172.000	12.6	253.29	*		115.507	115.507
173.000	12.6	253.50	*		115.507	115.507	174.000	12.6	253.71	*		115.507	115.507
175.000	12.6	253.92	*		115.507	115.507	176.000	12.6	254.13	*		115.507	115.507
177.000	12.6	254.34	*		115.507	115.507	178.000	12.6	254.55	*		115.507	115.507
179.000	12.6	254.76	*		115.507	115.507	180.000	12.6	254.97	*		115.507	115.507
181.000	12.6	255.18	*		115.507	115.507	182.000	12.6	255.39	*		115.507	115.507
183.000	12.6	255.60	*		115.507	115.507	184.000	12.6	255.81	*		115.507	115.507
185.000	12.6	256.02	*		115.507	115.507	186.000	12.6	256.23	*		115.507	115.507
187.000	12.6	256.44	*		115.507	115.507	188.000	12.6	256.65	*		115.507	115.507
189.000	12.6	256.86	*		115.507	115.507	190.000	12.6	257.07	*		115.507	115.507
191.000	12.6	257.28	*		115.507	115.507	192.000	12.6	257.49	*		115.507	115.507
193.000	12.6	257.70	*		115.507	115.507	194.000	12.6	257.91	*		115.506	115.506
195.000	12.6	258.12	*		115.506	115.506	196.000	12.6	258.33	*		115.506	115.506
197.000	12.6	258.54	*		115.506	115.506	198.000	12.6	258.75	*		115.506	115.506
199.000	12.6	258.97	*		115.506	115.506	200.000	12.6	259.18	*		115.506	115.506
201.000	12.6	259.39	*		115.506	115.506	202.000	12.6	259.60	*		115.506	115.506
203.000	12.6	259.81	*		115.506	115.506	204.000	12.6	260.02	*		115.506	115.506
205.000	12.6	260.23	*		115.506	115.506	206.000	12.6	260.44	*		115.506	115.506
207.000	12.6	260.65	*		115.506	115.506	208.000	12.6	260.86	*		115.506	115.506
209.000	12.6	261.07	*		115.506	115.506	210.000	12.6	261.28	*		115.506	115.506

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DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
211.000	12.6	261.49	* 115.506	* 115.506	212.000	12.6	261.70	* 115.506	* 115.506
213.000	12.6	261.91	* 115.506	* 115.506	214.000	12.6	262.12	* 115.506	* 115.506
215.000	12.6	262.33	* 115.506	* 115.506	216.000	12.6	262.54	* 115.506	* 115.506
217.000	12.6	262.75	* 115.505	* 115.505	218.000	12.6	262.96	* 115.505	* 115.505
219.000	12.6	263.17	* 115.505	* 115.505	220.000	12.6	263.38	* 115.505	* 115.505
221.000	12.6	263.59	* 115.505	* 115.505	222.000	12.6	263.80	* 115.505	* 115.505
223.000	12.6	264.01	* 115.505	* 115.505	224.000	12.6	264.22	* 115.505	* 115.505
225.000	12.6	264.43	* 115.505	* 115.505	226.000	12.6	264.64	* 115.505	* 115.505
227.000	12.6	264.85	* 115.505	* 115.505	228.000	12.6	265.06	* 115.505	* 115.505
229.000	12.6	265.27	* 115.505	* 115.505	230.000	12.6	265.48	* 115.505	* 115.505
231.000	12.6	265.69	* 115.505	* 115.505	232.000	12.6	265.90	* 115.505	* 115.505
233.000	12.6	266.11	* 115.505	* 115.505	234.000	12.6	266.33	* 115.505	* 115.505
235.000	12.6	266.54	* 115.505	* 115.505	236.000	12.6	266.75	* 115.505	* 115.505
237.000	12.6	266.96	* 115.505	* 115.505	238.000	12.6	267.17	* 115.505	* 115.505
239.000	12.6	267.38	* 115.504	* 115.504	240.000	12.6	267.59	* 115.504	* 115.504
241.000	12.6	267.80	* 115.504	* 115.504	242.000	12.6	268.01	* 115.504	* 115.504
243.000	12.6	268.22	* 115.504	* 115.504	244.000	12.6	268.43	* 115.504	* 115.504
245.000	12.6	268.64	* 115.504	* 115.504	246.000	12.6	268.85	* 115.504	* 115.504
247.000	12.6	269.06	* 115.504	* 115.504	248.000	12.6	269.27	* 115.504	* 115.504
249.000	12.6	269.48	* 115.504	* 115.504	250.000	12.6	269.69	* 115.504	* 115.504
251.000	12.6	269.90	* 115.504	* 115.504	252.000	12.6	270.11	* 115.504	* 115.504
253.000	12.6	270.32	* 115.504	* 115.504	254.000	12.6	270.53	* 115.504	* 115.504
255.000	12.6	270.74	* 115.504	* 115.504	256.000	12.6	270.95	* 115.504	* 115.504
257.000	12.6	271.16	* 115.504	* 115.504	258.000	12.6	271.37	* 115.504	* 115.504
259.000	12.6	271.58	* 115.504	* 115.504	260.000	12.6	271.79	* 115.504	* 115.504
261.000	12.6	272.00	* 115.504	* 115.504	262.000	12.6	272.21	* 115.503	* 115.503
263.000	12.6	272.42	* 115.503	* 115.503	264.000	12.6	272.63	* 115.503	* 115.503
265.000	12.6	272.84	* 115.503	* 115.503	266.000	12.6	273.05	* 115.503	* 115.503
267.000	12.6	273.26	* 115.503	* 115.503	268.000	12.6	273.47	* 115.503	* 115.503
269.000	12.6	273.68	* 115.503	* 115.503	270.000	12.6	273.90	* 115.503	* 115.503
271.000	12.6	274.11	* 115.503	* 115.503	272.000	12.6	274.32	* 115.503	* 115.503
273.000	12.6	274.53	* 115.503	* 115.503	274.000	12.6	274.74	* 115.503	* 115.503
275.000	12.6	274.95	* 115.503	* 115.503	276.000	12.6	275.16	* 115.503	* 115.503
277.000	12.6	275.37	* 115.503	* 115.503	278.000	12.6	275.58	* 115.503	* 115.503
279.000	12.6	275.79	* 115.503	* 115.503	280.000	12.6	276.00	* 115.503	* 115.503
281.000	12.6	276.21	* 115.503	* 115.503	282.000	12.6	276.42	* 115.503	* 115.503

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
283.000	12.6	276.63	* 115.503	* 115.503	284.000	12.6	276.84	* 115.503	* 115.503
285.000	12.6	277.05	* 115.502	* 115.502	286.000	12.6	277.26	* 115.502	* 115.502
287.000	12.6	277.47	* 115.502	* 115.502	288.000	12.6	277.68	* 115.502	* 115.502
289.000	12.6	277.89	* 115.502	* 115.502	290.000	12.6	278.10	* 115.502	* 115.502
291.000	12.6	278.31	* 115.502	* 115.502	292.000	12.6	278.52	* 115.502	* 115.502
293.000	12.6	278.73	* 115.502	* 115.502	294.000	12.6	278.94	* 115.502	* 115.502
295.000	12.6	279.15	* 115.502	* 115.502	296.000	12.6	279.36	* 115.502	* 115.502
297.000	12.6	279.57	* 115.502	* 115.502	298.000	12.6	279.78	* 115.502	* 115.502
299.000	12.6	279.99	* 115.502	* 115.502	300.000	12.6	280.20	* 115.502	* 115.502
301.000	12.6	280.41	* 115.502	* 115.502	302.000	12.6	280.62	* 115.502	* 115.502
303.000	12.6	280.83	* 115.502	* 115.502	304.000	12.6	281.04	* 115.502	* 115.502
305.000	12.6	281.26	* 115.502	* 115.502	306.000	12.6	281.47	* 115.502	* 115.502
307.000	12.6	281.68	* 115.502	* 115.502	308.000	12.6	281.89	* 115.501	* 115.501
309.000	12.6	282.10	* 115.501	* 115.501	310.000	12.6	282.31	* 115.501	* 115.501
311.000	12.6	282.52	* 115.501	* 115.501	312.000	12.6	282.73	* 115.501	* 115.501
313.000	12.6	282.94	* 115.501	* 115.501	314.000	12.6	283.15	* 115.501	* 115.501
315.000	12.6	283.36	* 115.501	* 115.501	316.000	12.6	283.57	* 115.501	* 115.501
317.000	12.6	283.78	* 115.501	* 115.501	318.000	12.6	283.99	* 115.501	* 115.501
319.000	12.6	284.20	* 115.501	* 115.501	320.000	12.6	284.41	* 115.501	* 115.501
321.000	12.6	284.62	* 115.501	* 115.501	322.000	12.6	284.83	* 115.501	* 115.501
323.000	12.6	285.04	* 115.501	* 115.501	324.000	12.6	285.25	* 115.501	* 115.501
325.000	12.6	285.46	* 115.501	* 115.501	326.000	12.6	285.67	* 115.501	* 115.501
327.000	12.6	285.88	* 115.501	* 115.501	328.000	12.6	286.09	* 115.501	* 115.501
329.000	12.6	286.30	* 115.501	* 115.501	330.000	12.6	286.51	* 115.500	* 115.500
331.000	12.6	286.72	* 115.500	* 115.500	332.000	12.6	286.93	* 115.500	* 115.500
333.000	12.6	287.14	* 115.500	* 115.500	334.000	12.6	287.35	* 115.500	* 115.500
335.000	12.6	287.56	* 115.500	* 115.500	336.000	12.6	287.77	* 115.500	* 115.500
337.000	12.6	287.98	* 115.500	* 115.500	338.000	12.6	288.19	* 115.500	* 115.500
339.000	12.6	288.40	* 115.500	* 115.500	340.000	12.6	288.62	* 115.500	* 115.500
341.000	12.6	288.83	* 115.500	* 115.500	342.000	12.6	289.04	* 115.500	* 115.500
343.000	12.6	289.25	* 115.500	* 115.500	344.000	12.6	289.46	* 115.500	* 115.500
345.000	12.6	289.67	* 115.500	* 115.500	346.000	12.6	289.88	* 115.500	* 115.500
347.000	12.6	290.09	* 115.500	* 115.500	348.000	12.6	290.30	* 115.500	* 115.500
349.000	12.6	290.51	* 115.500	* 115.500	350.000	12.6	290.72	* 115.500	* 115.500
351.000	12.6	290.93	* 115.500	* 115.500	352.000	12.6	291.14	* 115.500	* 115.500
353.000	12.6	291.35	* 115.499	* 115.499	354.000	12.6	291.56	* 115.499	* 115.499

Project: Clinton Flex Study  
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Filename: CPS SBO Study

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## DIV I Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
355.000	12.6	291.77	* 115.499	* 115.499	356.000	12.6	291.98	* 115.499	* 115.499
357.000	12.6	292.19	* 115.499	* 115.499	358.000	12.6	292.40	* 115.499	* 115.499
359.000	12.6	292.61	* 115.499	* 115.499	360.000	12.6	292.82	* 115.499	* 115.499
361.000	12.6	293.03	* 115.499	* 115.499	362.000	12.6	293.24	* 115.499	* 115.499
363.000	12.6	293.45	* 115.499	* 115.499	364.000	12.6	293.66	* 115.499	* 115.499
365.000	12.6	293.87	* 115.499	* 115.499	366.000	12.6	294.08	* 115.499	* 115.499
367.000	12.6	294.29	* 115.499	* 115.499	368.000	12.6	294.50	* 115.499	* 115.499
369.000	12.6	294.71	* 115.499	* 115.499	370.000	12.6	294.92	* 115.499	* 115.499
371.000	12.6	295.13	* 115.499	* 115.499	372.000	12.6	295.34	* 115.499	* 115.499
373.000	12.6	295.55	* 115.499	* 115.499	374.000	12.6	295.76	* 115.499	* 115.499
375.000	12.6	295.97	* 115.498	* 115.498	376.000	12.6	296.19	* 115.498	* 115.498
377.000	12.6	296.40	* 115.498	* 115.498	378.000	12.6	296.61	* 115.498	* 115.498
379.000	12.6	296.82	* 115.498	* 115.498	380.000	12.6	297.03	* 115.498	* 115.498
381.000	12.6	297.24	* 115.498	* 115.498	382.000	12.6	297.45	* 115.498	* 115.498
383.000	12.6	297.66	* 115.498	* 115.498	384.000	12.6	297.87	* 115.498	* 115.498
385.000	12.6	298.08	* 115.498	* 115.498	386.000	12.6	298.29	* 115.498	* 115.498
387.000	12.6	298.50	* 115.498	* 115.498	388.000	12.6	298.71	* 115.498	* 115.498
389.000	12.6	298.92	* 115.498	* 115.498	390.000	12.6	299.13	* 115.498	* 115.498
391.000	12.6	299.34	* 115.498	* 115.498	392.000	12.6	299.55	* 115.498	* 115.498
393.000	12.6	299.76	* 115.498	* 115.498	394.000	12.6	299.97	* 115.498	* 115.498
395.000	12.6	300.18	* 115.498	* 115.498	396.000	12.6	300.39	* 115.498	* 115.498
397.000	12.6	300.60	* 115.497	* 115.497	398.000	12.6	300.81	* 115.497	* 115.497
399.000	12.6	301.02	* 115.497	* 115.497	400.000	12.6	301.23	* 115.497	* 115.497
401.000	12.6	301.44	* 115.497	* 115.497	402.000	12.6	301.65	* 115.497	* 115.497
403.000	12.6	301.86	* 115.497	* 115.497	404.000	12.6	302.07	* 115.497	* 115.497
405.000	12.6	302.28	* 115.497	* 115.497	406.000	12.6	302.49	* 115.497	* 115.497
407.000	12.6	302.70	* 115.497	* 115.497	408.000	12.6	302.91	* 115.497	* 115.497
409.000	12.6	303.12	* 115.497	* 115.497	410.000	12.6	303.33	* 115.497	* 115.497
411.000	12.6	303.55	* 115.497	* 115.497	412.000	12.6	303.76	* 115.497	* 115.497
413.000	12.6	303.97	* 115.497	* 115.497	414.000	12.6	304.18	* 115.497	* 115.497
415.000	12.6	304.39	* 115.497	* 115.497	416.000	12.6	304.60	* 115.497	* 115.497
417.000	12.6	304.81	* 115.497	* 115.497	418.000	12.6	305.02	* 115.497	* 115.497
419.000	12.6	305.23	* 115.497	* 115.497	420.000	12.6	305.44	* 115.496	* 115.496
421.000	12.6	305.65	* 115.496	* 115.496	422.000	12.6	305.86	* 115.496	* 115.496
423.000	12.6	306.07	* 115.496	* 115.496	424.000	12.6	306.28	* 115.496	* 115.496
425.000	12.6	306.49	* 115.496	* 115.496	426.000	12.6	306.70	* 115.496	* 115.496

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
427.000	12.6	306.91	* 115.496	* 115.496			428.000	12.6	307.12	* 115.496	* 115.496		
429.000	12.6	307.33	* 115.496	* 115.496			430.000	12.6	307.54	* 115.496	* 115.496		
431.000	12.6	307.75	* 115.496	* 115.496			432.000	12.6	307.96	* 115.496	* 115.496		
433.000	12.6	308.17	* 115.496	* 115.496			434.000	12.6	308.38	* 115.496	* 115.496		
435.000	12.6	308.59	* 115.496	* 115.496			436.000	12.6	308.80	* 115.496	* 115.496		
437.000	12.6	309.01	* 115.496	* 115.496			438.000	12.6	309.22	* 115.496	* 115.496		
439.000	12.6	309.43	* 115.496	* 115.496			440.000	12.6	309.64	* 115.496	* 115.496		
441.000	12.6	309.85	* 115.496	* 115.496			442.000	12.6	310.06	* 115.495	* 115.495		
443.000	12.6	310.27	* 115.495	* 115.495			444.000	12.6	310.48	* 115.495	* 115.495		
445.000	12.6	310.69	* 115.495	* 115.495			446.000	12.6	310.91	* 115.495	* 115.495		
447.000	12.6	311.12	* 115.495	* 115.495			448.000	12.6	311.33	* 115.495	* 115.495		
449.000	12.6	311.54	* 115.495	* 115.495			450.000	12.6	311.75	* 115.495	* 115.495		
451.000	12.6	311.96	* 115.495	* 115.495			452.000	12.6	312.17	* 115.495	* 115.495		
453.000	12.6	312.38	* 115.495	* 115.495			454.000	12.6	312.59	* 115.495	* 115.495		
455.000	12.6	312.80	* 115.495	* 115.495			456.000	12.6	313.01	* 115.495	* 115.495		
457.000	12.6	313.22	* 115.495	* 115.495			458.000	12.6	313.43	* 115.495	* 115.495		
459.000	12.6	313.64	* 115.495	* 115.495			460.000	12.6	313.85	* 115.495	* 115.495		
461.000	12.6	314.06	* 115.495	* 115.495			462.000	12.6	314.27	* 115.495	* 115.495		
463.000	12.6	314.48	* 115.495	* 115.495			464.000	12.6	314.69	* 115.494	* 115.494		
465.000	12.6	314.90	* 115.494	* 115.494			466.000	12.6	315.11	* 115.494	* 115.494		
467.000	12.6	315.32	* 115.494	* 115.494			468.000	12.6	315.53	* 115.494	* 115.494		
469.000	12.6	315.74	* 115.494	* 115.494			470.000	12.6	315.95	* 115.494	* 115.494		
471.000	12.6	316.16	* 115.494	* 115.494			472.000	12.6	316.37	* 115.494	* 115.494		
473.000	12.6	316.58	* 115.494	* 115.494			474.000	12.6	316.79	* 115.494	* 115.494		
475.000	12.6	317.00	* 115.494	* 115.494			476.000	12.6	317.21	* 115.494	* 115.494		
477.000	12.6	317.42	* 115.494	* 115.494			478.000	12.6	317.63	* 115.494	* 115.494		
479.000	12.6	317.84	* 115.494	* 115.494			480.000	12.6	318.05	* 115.494	* 115.494		
481.000	12.6	318.27	* 115.494	* 115.494			482.000	12.6	318.48	* 115.494	* 115.494		
483.000	12.6	318.69	* 115.494	* 115.494			484.000	12.6	318.90	* 115.494	* 115.494		
485.000	12.6	319.11	* 115.494	* 115.494			486.000	12.6	319.32	* 115.493	* 115.493		
487.000	12.6	319.53	* 115.493	* 115.493			488.000	12.6	319.74	* 115.493	* 115.493		
489.000	12.6	319.95	* 115.493	* 115.493			490.000	12.6	320.16	* 115.493	* 115.493		
491.000	12.6	320.37	* 115.493	* 115.493			492.000	12.6	320.58	* 115.493	* 115.493		
493.000	12.6	320.79	* 115.493	* 115.493			494.000	12.6	321.00	* 115.493	* 115.493		
495.000	12.6	321.21	* 115.493	* 115.493			496.000	12.6	321.42	* 115.493	* 115.493		
497.000	12.6	321.63	* 115.493	* 115.493			498.000	12.6	321.84	* 115.493	* 115.493		

Project: Clinton Flex Study  
Location: KCI  
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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

Discharge					Discharge				
Current		Capacity	Voltage (V)		Current		Capacity	Voltage (V)	
Time	(Amp)	(Amp-Hour)	V-	V+	Time	(Amp)	(Amp-Hour)	V-	V+
499.000	12.6	322.05	* 115.493	* 115.493	500.000	12.6	322.26	* 115.493	* 115.493
501.000	12.6	322.47	* 115.493	* 115.493	502.000	12.6	322.68	* 115.493	* 115.493
503.000	12.6	322.89	* 115.493	* 115.493	504.000	12.6	323.10	* 115.493	* 115.493
505.000	12.6	323.31	* 115.493	* 115.493	506.000	12.6	323.52	* 115.493	* 115.493
507.000	12.6	323.73	* 115.492	* 115.492	508.000	12.6	323.94	* 115.492	* 115.492
509.000	12.6	324.15	* 115.492	* 115.492	510.000	12.6	324.36	* 115.492	* 115.492
511.000	12.6	324.57	* 115.492	* 115.492	512.000	12.6	324.78	* 115.492	* 115.492
513.000	12.6	324.99	* 115.492	* 115.492	514.000	12.6	325.20	* 115.492	* 115.492
515.000	12.6	325.41	* 115.492	* 115.492	516.000	12.6	325.62	* 115.492	* 115.492
517.000	12.6	325.84	* 115.492	* 115.492	518.000	12.6	326.05	* 115.492	* 115.492
519.000	12.6	326.26	* 115.492	* 115.492	520.000	12.6	326.47	* 115.492	* 115.492
521.000	12.6	326.68	* 115.492	* 115.492	522.000	12.6	326.89	* 115.492	* 115.492
523.000	12.6	327.10	* 115.492	* 115.492	524.000	12.6	327.31	* 115.492	* 115.492
525.000	12.6	327.52	* 115.492	* 115.492	526.000	12.6	327.73	* 115.492	* 115.492
527.000	12.6	327.94	* 115.492	* 115.492	528.000	12.6	328.15	* 115.492	* 115.492
529.000	12.6	328.36	* 115.491	* 115.491	530.000	12.6	328.57	* 115.491	* 115.491
531.000	12.6	328.78	* 115.491	* 115.491	532.000	12.6	328.99	* 115.491	* 115.491
533.000	12.6	329.20	* 115.491	* 115.491	534.000	12.6	329.41	* 115.491	* 115.491
535.000	12.6	329.62	* 115.491	* 115.491	536.000	12.6	329.83	* 115.491	* 115.491
537.000	12.6	330.04	* 115.491	* 115.491	538.000	12.6	330.25	* 115.491	* 115.491
539.000	12.6	330.46	* 115.491	* 115.491	540.000	12.6	330.67	* 115.491	* 115.491
541.000	12.6	330.88	* 115.491	* 115.491	542.000	12.6	331.09	* 115.491	* 115.491
543.000	12.6	331.30	* 115.491	* 115.491	544.000	12.6	331.51	* 115.491	* 115.491
545.000	12.6	331.72	* 115.491	* 115.491	546.000	12.6	331.93	* 115.491	* 115.491
547.000	12.6	332.14	* 115.491	* 115.491	548.000	12.6	332.35	* 115.491	* 115.491
549.000	12.6	332.56	* 115.491	* 115.491	550.000	12.6	332.77	* 115.491	* 115.491
551.000	12.6	332.98	* 115.490	* 115.490	552.000	12.6	333.20	* 115.490	* 115.490
553.000	12.6	333.41	* 115.490	* 115.490	554.000	12.6	333.62	* 115.490	* 115.490
555.000	12.6	333.83	* 115.490	* 115.490	556.000	12.6	334.04	* 115.490	* 115.490
557.000	12.6	334.25	* 115.490	* 115.490	558.000	12.6	334.46	* 115.490	* 115.490
559.000	12.6	334.67	* 115.490	* 115.490	560.000	12.6	334.88	* 115.490	* 115.490
561.000	12.6	335.09	* 115.490	* 115.490	562.000	12.6	335.30	* 115.490	* 115.490
563.000	12.6	335.51	* 115.490	* 115.490	564.000	12.6	335.72	* 115.490	* 115.490
565.000	12.6	335.93	* 115.490	* 115.490	566.000	12.6	336.14	* 115.490	* 115.490
567.000	12.6	336.35	* 115.490	* 115.490	568.000	12.6	336.56	* 115.490	* 115.490
569.000	12.6	336.77	* 115.490	* 115.490	570.000	12.6	336.98	* 115.490	* 115.490

Project: Clinton Flex Study  
Location: KCI  
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DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
571.000	12.6	337.19	*		115.490	115.490	572.000	12.6	337.40	*		115.489	115.489
573.000	12.6	337.61	*		115.489	115.489	574.000	12.6	337.82	*		115.489	115.489
575.000	12.6	338.03	*		115.489	115.489	576.000	12.6	338.24	*		115.489	115.489
577.000	12.6	338.45	*		115.489	115.489	578.000	12.6	338.66	*		115.489	115.489
579.000	12.6	338.87	*		115.489	115.489	580.000	12.6	339.08	*		115.489	115.489
581.000	12.6	339.29	*		115.489	115.489	582.000	12.6	339.50	*		115.489	115.489
583.000	12.6	339.71	*		115.489	115.489	584.000	12.6	339.92	*		115.489	115.489
585.000	12.6	340.13	*		115.489	115.489	586.000	12.6	340.34	*		115.489	115.489
587.000	12.6	340.56	*		115.489	115.489	588.000	12.6	340.77	*		115.489	115.489
589.000	12.6	340.98	*		115.489	115.489	590.000	12.6	341.19	*		115.489	115.489
591.000	12.6	341.40	*		115.489	115.489	592.000	12.6	341.61	*		115.489	115.489
593.000	12.6	341.82	*		115.489	115.489	594.000	12.6	342.03	*		115.488	115.488
595.000	12.6	342.24	*		115.488	115.488	596.000	12.6	342.45	*		115.488	115.488
597.000	12.6	342.66	*		115.488	115.488	598.000	12.6	342.87	*		115.488	115.488
599.000	12.6	343.08	*		115.488	115.488	600.000	12.6	343.29	*		115.488	115.488
601.000	12.6	343.50	*		115.488	115.488	602.000	12.6	343.71	*		115.488	115.488
603.000	12.6	343.92	*		115.488	115.488	604.000	12.6	344.13	*		115.488	115.488
605.000	12.6	344.34	*		115.488	115.488	606.000	12.6	344.55	*		115.488	115.488
607.000	12.6	344.76	*		115.488	115.488	608.000	12.6	344.97	*		115.488	115.488
609.000	12.6	345.18	*		115.488	115.488	610.000	12.6	345.39	*		115.488	115.488
611.000	12.6	345.60	*		115.488	115.488	612.000	12.6	345.81	*		115.488	115.488
613.000	12.6	346.02	*		115.488	115.488	614.000	12.6	346.23	*		115.488	115.488
615.000	12.6	346.44	*		115.487	115.487	616.000	12.6	346.65	*		115.487	115.487
617.000	12.6	346.86	*		115.487	115.487	618.000	12.6	347.07	*		115.487	115.487
619.000	12.6	347.28	*		115.487	115.487	620.000	12.6	347.49	*		115.487	115.487
621.000	12.6	347.70	*		115.487	115.487	622.000	12.6	347.91	*		115.487	115.487
623.000	12.6	348.13	*		115.487	115.487	624.000	12.6	348.34	*		115.487	115.487
625.000	12.6	348.55	*		115.487	115.487	626.000	12.6	348.76	*		115.487	115.487
627.000	12.6	348.97	*		115.487	115.487	628.000	12.6	349.18	*		115.487	115.487
629.000	12.6	349.39	*		115.487	115.487	630.000	12.6	349.60	*		115.487	115.487
631.000	12.6	349.81	*		115.487	115.487	632.000	12.6	350.02	*		115.487	115.487
633.000	12.6	350.23	*		115.487	115.487	634.000	12.6	350.44	*		115.487	115.487
635.000	12.6	350.65	*		115.487	115.487	636.000	12.6	350.86	*		115.487	115.487
637.000	12.6	351.07	*		115.486	115.486	638.000	12.6	351.28	*		115.486	115.486
639.000	12.6	351.49	*		115.486	115.486	640.000	12.6	351.70	*		115.486	115.486
641.000	12.6	351.91	*		115.486	115.486	642.000	12.6	352.12	*		115.486	115.486

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
643.000	12.6	352.33	*		115.486	115.486	644.000	12.6	352.54	*		115.486	115.486
645.000	12.6	352.75	*		115.486	115.486	646.000	12.6	352.96	*		115.486	115.486
647.000	12.6	353.17	*		115.486	115.486	648.000	12.6	353.38	*		115.486	115.486
649.000	12.6	353.59	*		115.486	115.486	650.000	12.6	353.80	*		115.486	115.486
651.000	12.6	354.01	*		115.486	115.486	652.000	12.6	354.22	*		115.486	115.486
653.000	12.6	354.43	*		115.486	115.486	654.000	12.6	354.64	*		115.486	115.486
655.000	12.6	354.85	*		115.486	115.486	656.000	12.6	355.06	*		115.486	115.486
657.000	12.6	355.27	*		115.486	115.486	658.000	12.6	355.49	*		115.485	115.485
659.000	12.6	355.70	*		115.485	115.485	660.000	12.6	355.91	*		115.485	115.485
661.000	12.6	356.12	*		115.485	115.485	662.000	12.6	356.33	*		115.485	115.485
663.000	12.6	356.54	*		115.485	115.485	664.000	12.6	356.75	*		115.485	115.485
665.000	12.6	356.96	*		115.485	115.485	666.000	12.6	357.17	*		115.485	115.485
667.000	12.6	357.38	*		115.485	115.485	668.000	12.6	357.59	*		115.485	115.485
669.000	12.6	357.80	*		115.485	115.485	670.000	12.6	358.01	*		115.485	115.485
671.000	12.6	358.22	*		115.485	115.485	672.000	12.6	358.43	*		115.485	115.485
673.000	12.6	358.64	*		115.485	115.485	674.000	12.6	358.85	*		115.485	115.485
675.000	12.6	359.06	*		115.485	115.485	676.000	12.6	359.27	*		115.485	115.485
677.000	12.6	359.48	*		115.485	115.485	678.000	12.6	359.69	*		115.485	115.485
679.000	12.6	359.90	*		115.484	115.484	680.000	12.6	360.11	*		115.484	115.484
681.000	12.6	360.32	*		115.484	115.484	682.000	12.6	360.53	*		115.484	115.484
683.000	12.6	360.74	*		115.484	115.484	684.000	12.6	360.95	*		115.484	115.484
685.000	12.6	361.16	*		115.484	115.484	686.000	12.6	361.37	*		115.484	115.484
687.000	12.6	361.58	*		115.484	115.484	688.000	12.6	361.79	*		115.484	115.484
689.000	12.6	362.00	*		115.484	115.484	690.000	12.6	362.21	*		115.484	115.484
691.000	12.6	362.42	*		115.484	115.484	692.000	12.6	362.63	*		115.484	115.484
693.000	12.6	362.85	*		115.484	115.484	694.000	12.6	363.06	*		115.484	115.484
695.000	12.6	363.27	*		115.484	115.484	696.000	12.6	363.48	*		115.484	115.484
697.000	12.6	363.69	*		115.484	115.484	698.000	12.6	363.90	*		115.484	115.484
699.000	12.6	364.11	*		115.484	115.484	700.000	12.6	364.32	*		115.484	115.484
701.000	12.6	364.53	*		115.483	115.483	702.000	12.6	364.74	*		115.483	115.483
703.000	12.6	364.95	*		115.483	115.483	704.000	12.6	365.16	*		115.483	115.483
705.000	12.6	365.37	*		115.483	115.483	706.000	12.6	365.58	*		115.483	115.483
707.000	12.6	365.79	*		115.483	115.483	708.000	12.6	366.00	*		115.483	115.483
709.000	12.6	366.21	*		115.483	115.483	710.000	12.6	366.42	*		115.483	115.483
711.000	12.6	366.63	*		115.483	115.483	712.000	12.6	366.84	*		115.483	115.483
713.000	12.6	367.05	*		115.483	115.483	714.000	12.6	367.26	*		115.483	115.483

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
715.000	12.6	367.47	*	115.483	* 115.483		716.000	12.6	367.68	*	115.483	* 115.483	
717.000	12.6	367.89	*	115.483	* 115.483		718.000	12.6	368.10	*	115.483	* 115.483	
719.000	12.6	368.31	*	115.483	* 115.483		720.000	12.6	368.52	*	115.483	* 115.483	
721.000	12.6	368.73	*	115.483	* 115.483		722.000	12.6	368.94	*	115.482	* 115.482	
723.000	12.6	369.15	*	115.482	* 115.482		724.000	12.6	369.36	*	115.482	* 115.482	
725.000	12.6	369.57	*	115.482	* 115.482		726.000	12.6	369.78	*	115.482	* 115.482	
727.000	12.6	369.99	*	115.482	* 115.482		728.000	12.6	370.21	*	115.482	* 115.482	
729.000	12.6	370.42	*	115.482	* 115.482		730.000	12.6	370.63	*	115.482	* 115.482	
731.000	12.6	370.84	*	115.482	* 115.482		732.000	12.6	371.05	*	115.482	* 115.482	
733.000	12.6	371.26	*	115.482	* 115.482		734.000	12.6	371.47	*	115.482	* 115.482	
735.000	12.6	371.68	*	115.482	* 115.482		736.000	12.6	371.89	*	115.482	* 115.482	
737.000	12.6	372.10	*	115.482	* 115.482		738.000	12.6	372.31	*	115.482	* 115.482	
739.000	12.6	372.52	*	115.482	* 115.482		740.000	12.6	372.73	*	115.482	* 115.482	
741.000	12.6	372.94	*	115.482	* 115.482		742.000	12.6	373.15	*	115.482	* 115.482	
743.000	12.6	373.36	*	115.481	* 115.481		744.000	12.6	373.57	*	115.481	* 115.481	
745.000	12.6	373.78	*	115.481	* 115.481		746.000	12.6	373.99	*	115.481	* 115.481	
747.000	12.6	374.20	*	115.481	* 115.481		748.000	12.6	374.41	*	115.481	* 115.481	
749.000	12.6	374.62	*	115.481	* 115.481		750.000	12.6	374.83	*	115.481	* 115.481	
751.000	12.6	375.04	*	115.481	* 115.481		752.000	12.6	375.25	*	115.481	* 115.481	
753.000	12.6	375.46	*	115.481	* 115.481		754.000	12.6	375.67	*	115.481	* 115.481	
755.000	12.6	375.88	*	115.481	* 115.481		756.000	12.6	376.09	*	115.481	* 115.481	
757.000	12.6	376.30	*	115.481	* 115.481		758.000	12.6	376.51	*	115.481	* 115.481	
759.000	12.6	376.72	*	115.481	* 115.481		760.000	12.6	376.93	*	115.481	* 115.481	
761.000	12.6	377.14	*	115.481	* 115.481		762.000	12.6	377.35	*	115.481	* 115.481	
763.000	12.6	377.56	*	115.480	* 115.480		764.000	12.6	377.78	*	115.480	* 115.480	
765.000	12.6	377.99	*	115.480	* 115.480		766.000	12.6	378.20	*	115.480	* 115.480	
767.000	12.6	378.41	*	115.480	* 115.480		768.000	12.6	378.62	*	115.480	* 115.480	
769.000	12.6	378.83	*	115.480	* 115.480		770.000	12.6	379.04	*	115.480	* 115.480	
771.000	12.6	379.25	*	115.480	* 115.480		772.000	12.6	379.46	*	115.480	* 115.480	
773.000	12.6	379.67	*	115.480	* 115.480		774.000	12.6	379.88	*	115.480	* 115.480	
775.000	12.6	380.09	*	115.480	* 115.480		776.000	12.6	380.30	*	115.480	* 115.480	
777.000	12.6	380.51	*	115.480	* 115.480		778.000	12.6	380.72	*	115.480	* 115.480	
779.000	12.6	380.93	*	115.480	* 115.480		780.000	12.6	381.14	*	115.480	* 115.480	
781.000	12.6	381.35	*	115.480	* 115.480		782.000	12.6	381.56	*	115.480	* 115.480	
783.000	12.6	381.77	*	115.480	* 115.480		784.000	12.6	381.98	*	115.479	* 115.479	
785.000	12.6	382.19	*	115.479	* 115.479		786.000	12.6	382.40	*	115.479	* 115.479	

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
787.000	12.6	382.61	* 115.479	* 115.479	788.000	12.6	382.82	* 115.479	* 115.479
789.000	12.6	383.03	* 115.479	* 115.479	790.000	12.6	383.24	* 115.479	* 115.479
791.000	12.6	383.45	* 115.479	* 115.479	792.000	12.6	383.66	* 115.479	* 115.479
793.000	12.6	383.87	* 115.479	* 115.479	794.000	12.6	384.08	* 115.479	* 115.479
795.000	12.6	384.29	* 115.479	* 115.479	796.000	12.6	384.50	* 115.479	* 115.479
797.000	12.6	384.71	* 115.479	* 115.479	798.000	12.6	384.92	* 115.479	* 115.479
799.000	12.6	385.14	* 115.479	* 115.479	800.000	12.6	385.35	* 115.479	* 115.479
801.000	12.6	385.56	* 115.479	* 115.479	802.000	12.6	385.77	* 115.479	* 115.479
803.000	12.6	385.98	* 115.479	* 115.479	804.000	12.6	386.19	* 115.479	* 115.479
805.000	12.6	386.40	* 115.478	* 115.478	806.000	12.6	386.61	* 115.478	* 115.478
807.000	12.6	386.82	* 115.478	* 115.478	808.000	12.6	387.03	* 115.478	* 115.478
809.000	12.6	387.24	* 115.478	* 115.478	810.000	12.6	387.45	* 115.478	* 115.478
811.000	12.6	387.66	* 115.478	* 115.478	812.000	12.6	387.87	* 115.478	* 115.478
813.000	12.6	388.08	* 115.478	* 115.478	814.000	12.6	388.29	* 115.478	* 115.478
815.000	12.6	388.50	* 115.478	* 115.478	816.000	12.6	388.71	* 115.478	* 115.478
817.000	12.6	388.92	* 115.478	* 115.478	818.000	12.6	389.13	* 115.478	* 115.478
819.000	12.6	389.34	* 115.478	* 115.478	820.000	12.6	389.55	* 115.478	* 115.478
821.000	12.6	389.76	* 115.478	* 115.478	822.000	12.6	389.97	* 115.478	* 115.478
823.000	12.6	390.18	* 115.478	* 115.478	824.000	12.6	390.39	* 115.478	* 115.478
825.000	12.6	390.60	* 115.478	* 115.478	826.000	12.6	390.81	* 115.477	* 115.477
827.000	12.6	391.02	* 115.477	* 115.477	828.000	12.6	391.23	* 115.477	* 115.477
829.000	12.6	391.44	* 115.477	* 115.477	830.000	12.6	391.65	* 115.477	* 115.477
831.000	12.6	391.86	* 115.477	* 115.477	832.000	12.6	392.07	* 115.477	* 115.477
833.000	12.6	392.28	* 115.477	* 115.477	834.000	12.6	392.50	* 115.477	* 115.477
835.000	12.6	392.71	* 115.477	* 115.477	836.000	12.6	392.92	* 115.477	* 115.477
837.000	12.6	393.13	* 115.477	* 115.477	838.000	12.6	393.34	* 115.477	* 115.477
839.000	12.6	393.55	* 115.477	* 115.477	840.000	12.6	393.76	* 115.477	* 115.477
841.000	12.6	393.97	* 115.477	* 115.477	842.000	12.6	394.18	* 115.477	* 115.477
843.000	12.6	394.39	* 115.477	* 115.477	844.000	12.6	394.60	* 115.477	* 115.477
845.000	12.6	394.81	* 115.477	* 115.477	846.000	12.6	395.02	* 115.476	* 115.476
847.000	12.6	395.23	* 115.476	* 115.476	848.000	12.6	395.44	* 115.476	* 115.476
849.000	12.6	395.65	* 115.476	* 115.476	850.000	12.6	395.86	* 115.476	* 115.476
851.000	12.6	396.07	* 115.476	* 115.476	852.000	12.6	396.28	* 115.476	* 115.476
853.000	12.6	396.49	* 115.476	* 115.476	854.000	12.6	396.70	* 115.476	* 115.476
855.000	12.6	396.91	* 115.476	* 115.476	856.000	12.6	397.12	* 115.476	* 115.476
857.000	12.6	397.33	* 115.476	* 115.476	858.000	12.6	397.54	* 115.476	* 115.476

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
859.000	12.6	397.75	*		115.476 115.476		860.000	12.6	397.96	*		115.476 115.476	
861.000	12.6	398.17	*		115.476 115.476		862.000	12.6	398.38	*		115.476 115.476	
863.000	12.6	398.59	*		115.476 115.476		864.000	12.6	398.80	*		115.476 115.476	
865.000	12.6	399.01	*		115.476 115.476		866.000	12.6	399.22	*		115.476 115.476	
867.000	12.6	399.43	*		115.475 115.475		868.000	12.6	399.64	*		115.475 115.475	
869.000	12.6	399.85	*		115.475 115.475		870.000	12.6	400.07	*		115.475 115.475	
871.000	12.6	400.28	*		115.475 115.475		872.000	12.6	400.49	*		115.475 115.475	
873.000	12.6	400.70	*		115.475 115.475		874.000	12.6	400.91	*		115.475 115.475	
875.000	12.6	401.12	*		115.475 115.475		876.000	12.6	401.33	*		115.475 115.475	
877.000	12.6	401.54	*		115.475 115.475		878.000	12.6	401.75	*		115.475 115.475	
879.000	12.6	401.96	*		115.475 115.475		880.000	12.6	402.17	*		115.475 115.475	
881.000	12.6	402.38	*		115.475 115.475		882.000	12.6	402.59	*		115.475 115.475	
883.000	12.6	402.80	*		115.475 115.475		884.000	12.6	403.01	*		115.475 115.475	
885.000	12.6	403.22	*		115.475 115.475		886.000	12.6	403.43	*		115.475 115.475	
887.000	12.6	403.64	*		115.474 115.474		888.000	12.6	403.85	*		115.474 115.474	
889.000	12.6	404.06	*		115.474 115.474		890.000	12.6	404.27	*		115.474 115.474	
891.000	12.6	404.48	*		115.474 115.474		892.000	12.6	404.69	*		115.474 115.474	
893.000	12.6	404.90	*		115.474 115.474		894.000	12.6	405.11	*		115.474 115.474	
895.000	12.6	405.32	*		115.474 115.474		896.000	12.6	405.53	*		115.474 115.474	
897.000	12.6	405.74	*		115.474 115.474		898.000	12.6	405.95	*		115.474 115.474	
899.000	12.6	406.16	*		115.474 115.474		900.000	12.6	406.37	*		115.474 115.474	
901.000	12.6	406.58	*		115.474 115.474		902.000	12.6	406.79	*		115.474 115.474	
903.000	12.6	407.00	*		115.474 115.474		904.000	12.6	407.21	*		115.474 115.474	
905.000	12.6	407.43	*		115.474 115.474		906.000	12.6	407.64	*		115.474 115.474	
907.000	12.6	407.85	*		115.473 115.473		908.000	12.6	408.06	*		115.473 115.473	
909.000	12.6	408.27	*		115.473 115.473		910.000	12.6	408.48	*		115.473 115.473	
911.000	12.6	408.69	*		115.473 115.473		912.000	12.6	408.90	*		115.473 115.473	
913.000	12.6	409.11	*		115.473 115.473		914.000	12.6	409.32	*		115.473 115.473	
915.000	12.6	409.53	*		115.473 115.473		916.000	12.6	409.74	*		115.473 115.473	
917.000	12.6	409.95	*		115.473 115.473		918.000	12.6	410.16	*		115.473 115.473	
919.000	12.6	410.37	*		115.473 115.473		920.000	12.6	410.58	*		115.473 115.473	
921.000	12.6	410.79	*		115.473 115.473		922.000	12.6	411.00	*		115.473 115.473	
923.000	12.6	411.21	*		115.473 115.473		924.000	12.6	411.42	*		115.473 115.473	
925.000	12.6	411.63	*		115.473 115.473		926.000	12.6	411.84	*		115.473 115.473	
927.000	12.6	412.05	*		115.473 115.473		928.000	12.6	412.26	*		115.472 115.472	
929.000	12.6	412.47	*		115.472 115.472		930.000	12.6	412.68	*		115.472 115.472	

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
931.000	12.6	412.89	*		115.472	115.472	932.000	12.6	413.10	*		115.472	115.472
933.000	12.6	413.31	*		115.472	115.472	934.000	12.6	413.52	*		115.472	115.472
935.000	12.6	413.73	*		115.472	115.472	936.000	12.6	413.94	*		115.472	115.472
937.000	12.6	414.15	*		115.472	115.472	938.000	12.6	414.36	*		115.472	115.472
939.000	12.6	414.57	*		115.472	115.472	940.000	12.6	414.79	*		115.472	115.472
941.000	12.6	415.00	*		115.472	115.472	942.000	12.6	415.21	*		115.472	115.472
943.000	12.6	415.42	*		115.472	115.472	944.000	12.6	415.63	*		115.472	115.472
945.000	12.6	415.84	*		115.472	115.472	946.000	12.6	416.05	*		115.472	115.472
947.000	12.6	416.26	*		115.472	115.472	948.000	12.6	416.47	*		115.471	115.471
949.000	12.6	416.68	*		115.471	115.471	950.000	12.6	416.89	*		115.471	115.471
951.000	12.6	417.10	*		115.471	115.471	952.000	12.6	417.31	*		115.471	115.471
953.000	12.6	417.52	*		115.471	115.471	954.000	12.6	417.73	*		115.471	115.471
955.000	12.6	417.94	*		115.471	115.471	956.000	12.6	418.15	*		115.471	115.471
957.000	12.6	418.36	*		115.471	115.471	958.000	12.6	418.57	*		115.471	115.471
959.000	12.6	418.78	*		115.471	115.471	960.000	12.6	418.99	*		115.471	115.471
961.000	12.6	419.20	*		115.471	115.471	962.000	12.6	419.41	*		115.471	115.471
963.000	12.6	419.62	*		115.471	115.471	964.000	12.6	419.83	*		115.471	115.471
965.000	12.6	420.04	*		115.471	115.471	966.000	12.6	420.25	*		115.471	115.471
967.000	12.6	420.46	*		115.471	115.471	968.000	12.6	420.67	*		115.470	115.470
969.000	12.6	420.88	*		115.470	115.470	970.000	12.6	421.09	*		115.470	115.470
971.000	12.6	421.30	*		115.470	115.470	972.000	12.6	421.51	*		115.470	115.470
973.000	12.6	421.72	*		115.470	115.470	974.000	12.6	421.93	*		115.470	115.470
975.000	12.6	422.14	*		115.470	115.470	976.000	12.6	422.36	*		115.470	115.470
977.000	12.6	422.57	*		115.470	115.470	978.000	12.6	422.78	*		115.470	115.470
979.000	12.6	422.99	*		115.470	115.470	980.000	12.6	423.20	*		115.470	115.470
981.000	12.6	423.41	*		115.470	115.470	982.000	12.6	423.62	*		115.470	115.470
983.000	12.6	423.83	*		115.470	115.470	984.000	12.6	424.04	*		115.470	115.470
985.000	12.6	424.25	*		115.470	115.470	986.000	12.6	424.46	*		115.470	115.470
987.000	12.6	424.67	*		115.470	115.470	988.000	12.6	424.88	*		115.469	115.469
989.000	12.6	425.09	*		115.469	115.469	990.000	12.6	425.30	*		115.469	115.469
991.000	12.6	425.51	*		115.469	115.469	992.000	12.6	425.72	*		115.469	115.469
993.000	12.6	425.93	*		115.469	115.469	994.000	12.6	426.14	*		115.469	115.469
995.000	12.6	426.35	*		115.469	115.469	996.000	12.6	426.56	*		115.469	115.469
997.000	12.6	426.77	*		115.469	115.469	998.000	12.6	426.98	*		115.469	115.469
999.000	12.6	427.19	*		115.469	115.469	1000.000	12.6	427.40	*		115.469	115.469
1001.000	12.6	427.61	*		115.469	115.469	1002.000	12.6	427.82	*		115.469	115.469

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
1003.000	12.6	428.03	*		115.469	115.469	1004.000	12.6	428.24	*		115.469	115.469
1005.000	12.6	428.45	*		115.469	115.469	1006.000	12.6	428.66	*		115.469	115.469
1007.000	12.6	428.87	*		115.469	115.469	1008.000	12.6	429.08	*		115.468	115.468
1009.000	12.6	429.29	*		115.468	115.468	1010.000	12.6	429.50	*		115.468	115.468
1011.000	12.6	429.72	*		115.468	115.468	1012.000	12.6	429.93	*		115.468	115.468
1013.000	12.6	430.14	*		115.468	115.468	1014.000	12.6	430.35	*		115.468	115.468
1015.000	12.6	430.56	*		115.468	115.468	1016.000	12.6	430.77	*		115.468	115.468
1017.000	12.6	430.98	*		115.468	115.468	1018.000	12.6	431.19	*		115.468	115.468
1019.000	12.6	431.40	*		115.468	115.468	1020.000	12.6	431.61	*		115.468	115.468
1021.000	12.6	431.82	*		115.468	115.468	1022.000	12.6	432.03	*		115.468	115.468
1023.000	12.6	432.24	*		115.466	115.466	1024.000	12.6	432.45	*		115.465	115.465
1025.000	12.6	432.66	*		115.463	115.463	1026.000	12.6	432.87	*		115.462	115.462
1027.000	12.6	433.08	*		115.461	115.461	1028.000	12.6	433.29	*		115.459	115.459
1029.000	12.6	433.50	*		115.458	115.458	1030.000	12.6	433.71	*		115.457	115.457
1031.000	12.6	433.92	*		115.455	115.455	1032.000	12.6	434.13	*		115.454	115.454
1033.000	12.6	434.34	*		115.452	115.452	1034.000	12.6	434.55	*		115.451	115.451
1035.000	12.6	434.76	*		115.450	115.450	1036.000	12.6	434.97	*		115.448	115.448
1037.000	12.6	435.18	*		115.447	115.447	1038.000	12.6	435.39	*		115.446	115.446
1039.000	12.6	435.60	*		115.444	115.444	1040.000	12.6	435.81	*		115.443	115.443
1041.000	12.6	436.02	*		115.441	115.441	1042.000	12.6	436.23	*		115.440	115.440
1043.000	12.6	436.44	*		115.439	115.439	1044.000	12.6	436.65	*		115.437	115.437
1045.000	12.6	436.86	*		115.436	115.436	1046.000	12.6	437.08	*		115.435	115.435
1047.000	12.6	437.29	*		115.433	115.433	1048.000	12.6	437.50	*		115.432	115.432
1049.000	12.6	437.71	*		115.431	115.431	1050.000	12.6	437.92	*		115.429	115.429
1051.000	12.6	438.13	*		115.428	115.428	1052.000	12.6	438.34	*		115.426	115.426
1053.000	12.6	438.55	*		115.425	115.425	1054.000	12.6	438.76	*		115.424	115.424
1055.000	12.6	438.97	*		115.422	115.422	1056.000	12.6	439.18	*		115.421	115.421
1057.000	12.6	439.39	*		115.420	115.420	1058.000	12.6	439.60	*		115.418	115.418
1059.000	12.6	439.81	*		115.417	115.417	1060.000	12.6	440.02	*		115.415	115.415
1061.000	12.6	440.23	*		115.414	115.414	1062.000	12.6	440.44	*		115.413	115.413
1063.000	12.6	440.65	*		115.411	115.411	1064.000	12.6	440.86	*		115.410	115.410
1065.000	12.6	441.07	*		115.409	115.409	1066.000	12.6	441.28	*		115.407	115.407
1067.000	12.6	441.49	*		115.406	115.406	1068.000	12.6	441.70	*		115.405	115.405
1069.000	12.6	441.91	*		115.403	115.403	1070.000	12.6	442.12	*		115.402	115.402
1071.000	12.6	442.33	*		115.401	115.401	1072.000	12.6	442.54	*		115.399	115.399
1073.000	12.6	442.75	*		115.398	115.398	1074.000	12.6	442.96	*		115.396	115.396

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
1075.000	12.6	443.17	*		115.395	115.395	1076.000	12.6	443.38	*		115.394	115.394
1077.000	12.6	443.59	*		115.392	115.392	1078.000	12.6	443.80	*		115.391	115.391
1079.000	12.6	444.01	*		115.390	115.390	1080.000	12.6	444.22	*		115.388	115.388
1081.000	12.6	444.44	*		115.387	115.387	1082.000	12.6	444.65	*		115.386	115.386
1083.000	12.6	444.86	*		115.384	115.384	1084.000	12.6	445.07	*		115.383	115.383
1085.000	12.6	445.28	*		115.382	115.382	1086.000	12.6	445.49	*		115.380	115.380
1087.000	12.6	445.70	*		115.379	115.379	1088.000	12.6	445.91	*		115.377	115.377
1089.000	12.6	446.12	*		115.376	115.376	1090.000	12.6	446.33	*		115.375	115.375
1091.000	12.6	446.54	*		115.373	115.373	1092.000	12.6	446.75	*		115.372	115.372
1093.000	12.6	446.96	*		115.371	115.371	1094.000	12.6	447.17	*		115.369	115.369
1095.000	12.6	447.38	*		115.368	115.368	1096.000	12.6	447.59	*		115.367	115.367
1097.000	12.6	447.80	*		115.365	115.365	1098.000	12.6	448.01	*		115.364	115.364
1099.000	12.6	448.22	*		115.363	115.363	1100.000	12.6	448.43	*		115.361	115.361
1101.000	12.6	448.64	*		115.360	115.360	1102.000	12.6	448.85	*		115.359	115.359
1103.000	12.6	449.06	*		115.357	115.357	1104.000	12.6	449.27	*		115.356	115.356
1105.000	12.6	449.48	*		115.355	115.355	1106.000	12.6	449.69	*		115.353	115.353
1107.000	12.6	449.90	*		115.352	115.352	1108.000	12.6	450.11	*		115.351	115.351
1109.000	12.6	450.32	*		115.349	115.349	1110.000	12.6	450.53	*		115.348	115.348
1111.000	12.6	450.74	*		115.347	115.347	1112.000	12.6	450.95	*		115.345	115.345
1113.000	12.6	451.16	*		115.344	115.344	1114.000	12.6	451.37	*		115.343	115.343
1115.000	12.6	451.58	*		115.341	115.341	1116.000	12.6	451.79	*		115.340	115.340
1117.000	12.6	452.01	*		115.339	115.339	1118.000	12.6	452.22	*		115.337	115.337
1119.000	12.6	452.43	*		115.336	115.336	1120.000	12.6	452.64	*		115.334	115.334
1121.000	12.6	452.85	*		115.333	115.333	1122.000	12.6	453.06	*		115.332	115.332
1123.000	12.6	453.27	*		115.330	115.330	1124.000	12.6	453.48	*		115.329	115.329
1125.000	12.6	453.69	*		115.328	115.328	1126.000	12.6	453.90	*		115.326	115.326
1127.000	12.6	454.11	*		115.325	115.325	1128.000	12.6	454.32	*		115.324	115.324
1129.000	12.6	454.53	*		115.322	115.322	1130.000	12.6	454.74	*		115.321	115.321
1131.000	12.6	454.95	*		115.320	115.320	1132.000	12.6	455.16	*		115.318	115.318
1133.000	12.6	455.37	*		115.317	115.317	1134.000	12.6	455.58	*		115.316	115.316
1135.000	12.6	455.79	*		115.314	115.314	1136.000	12.6	456.00	*		115.313	115.313
1137.000	12.6	456.21	*		115.312	115.312	1138.000	12.6	456.42	*		115.310	115.310
1139.000	12.6	456.63	*		115.309	115.309	1140.000	12.6	456.84	*		115.308	115.308
1141.000	12.6	457.05	*		115.307	115.307	1142.000	12.6	457.26	*		115.305	115.305
1143.000	12.6	457.47	*		115.304	115.304	1144.000	12.6	457.68	*		115.303	115.303
1145.000	12.6	457.89	*		115.301	115.301	1146.000	12.6	458.10	*		115.300	115.300

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+				(Amp)	(Amp-Hour)	V-	V+		
1147.000	12.6	458.31	* 115.299	* 115.299			1148.000	12.6	458.52	* 115.297	* 115.297		
1149.000	12.6	458.73	* 115.296	* 115.296			1150.000	12.6	458.94	* 115.295	* 115.295		
1151.000	12.6	459.15	* 115.293	* 115.293			1152.000	12.6	459.37	* 115.292	* 115.292		
1153.000	12.6	459.58	* 115.291	* 115.291			1154.000	12.6	459.79	* 115.290	* 115.290		
1155.000	12.6	460.00	* 115.289	* 115.289			1156.000	12.6	460.21	* 115.288	* 115.288		
1157.000	12.6	460.42	* 115.287	* 115.287			1158.000	12.6	460.63	* 115.286	* 115.286		
1159.000	12.6	460.84	* 115.285	* 115.285			1160.000	12.6	461.05	* 115.284	* 115.284		
1161.000	12.6	461.26	* 115.283	* 115.283			1162.000	12.6	461.47	* 115.282	* 115.282		
1163.000	12.6	461.68	* 115.281	* 115.281			1164.000	12.6	461.89	* 115.280	* 115.280		
1165.000	12.6	462.10	* 115.279	* 115.279			1166.000	12.6	462.31	* 115.278	* 115.278		
1167.000	12.6	462.52	* 115.277	* 115.277			1168.000	12.6	462.73	* 115.276	* 115.276		
1169.000	12.6	462.94	* 115.275	* 115.275			1170.000	12.6	463.15	* 115.274	* 115.274		
1171.000	12.6	463.36	* 115.274	* 115.274			1172.000	12.6	463.57	* 115.273	* 115.273		
1173.000	12.6	463.78	* 115.272	* 115.272			1174.000	12.6	463.99	* 115.271	* 115.271		
1175.000	12.6	464.20	* 115.270	* 115.270			1176.000	12.6	464.41	* 115.269	* 115.269		
1177.000	12.6	464.62	* 115.268	* 115.268			1178.000	12.6	464.83	* 115.267	* 115.267		
1179.000	12.6	465.04	* 115.266	* 115.266			1180.000	12.6	465.25	* 115.265	* 115.265		
1181.000	12.6	465.46	* 115.264	* 115.264			1182.000	12.6	465.67	* 115.263	* 115.263		
1183.000	12.6	465.88	* 115.262	* 115.262			1184.000	12.6	466.09	* 115.261	* 115.261		
1185.000	12.6	466.30	* 115.260	* 115.260			1186.000	12.6	466.51	* 115.259	* 115.259		
1187.000	12.6	466.73	* 115.258	* 115.258			1188.000	12.6	466.94	* 115.257	* 115.257		
1189.000	12.6	467.15	* 115.256	* 115.256			1190.000	12.6	467.36	* 115.255	* 115.255		
1191.000	12.6	467.57	* 115.254	* 115.254			1192.000	12.6	467.78	* 115.253	* 115.253		
1193.000	12.6	467.99	* 115.252	* 115.252			1194.000	12.6	468.20	* 115.251	* 115.251		
1195.000	12.6	468.41	* 115.250	* 115.250			1196.000	12.6	468.62	* 115.249	* 115.249		
1197.000	12.6	468.83	* 115.248	* 115.248			1198.000	12.6	469.04	* 115.247	* 115.247		
1199.000	12.6	469.25	* 115.246	* 115.246			1200.000	75.5	469.46	* 115.245	* 114.528		
1200.133	185.5	469.63	* 114.527	* 113.273			1200.183	130.5	469.78	* 113.272	* 113.900		
1200.250	311.9	469.93	* 113.899	* 111.831			1200.300	174.9	470.19	* 111.830	* 113.392		
1200.750	130.5	471.50	* 113.386	* 113.892			1201.000	75.5	472.04	* 113.890	* 114.516		
1202.000	75.5	473.30	* 114.510	* 114.510			1203.000	75.5	474.56	* 114.504	* 114.504		
1204.000	75.5	475.81	* 114.499	* 114.499			1205.000	75.5	477.07	* 114.493	* 114.493		
1206.000	75.5	478.33	* 114.487	* 114.487			1207.000	75.5	479.59	* 114.481	* 114.481		
1208.000	75.5	480.85	* 114.475	* 114.475			1209.000	75.5	482.10	* 114.469	* 114.469		
1210.000	75.5	483.36	* 114.463	* 114.463			1211.000	75.5	484.62	* 114.458	* 114.458		
1212.000	75.5	485.88	* 114.452	* 114.452			1213.000	75.5	487.14	* 114.446	* 114.446		

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1214.000	75.5	488.39	* 114.440	* 114.440	1215.000	75.5	489.65	* 114.434	* 114.434
1216.000	75.5	490.91	* 114.428	* 114.428	1217.000	75.5	492.17	* 114.422	* 114.422
1218.000	75.5	493.43	* 114.417	* 114.417	1219.000	75.5	494.68	* 114.411	* 114.411
1220.000	75.5	495.94	* 114.405	* 114.405	1221.000	75.5	497.20	* 114.399	* 114.399
1222.000	75.5	498.46	* 114.393	* 114.393	1223.000	75.5	499.72	* 114.387	* 114.387
1224.000	75.5	500.97	* 114.381	* 114.381	1225.000	75.5	502.23	* 114.376	* 114.376
1226.000	75.5	503.49	* 114.370	* 114.370	1227.000	75.5	504.75	* 114.364	* 114.364
1228.000	75.5	506.01	* 114.358	* 114.358	1229.000	75.5	507.26	* 114.352	* 114.352
1230.000	75.5	508.52	* 114.346	* 114.346	1231.000	75.5	509.78	* 114.341	* 114.341
1232.000	75.5	511.04	* 114.335	* 114.335	1233.000	75.5	512.30	* 114.329	* 114.329
1234.000	75.5	513.55	* 114.323	* 114.323	1235.000	75.5	514.81	* 114.317	* 114.317
1236.000	75.5	516.07	* 114.311	* 114.311	1237.000	75.5	517.33	* 114.305	* 114.305
1238.000	75.5	518.59	* 114.300	* 114.300	1239.000	75.5	519.84	* 114.294	* 114.294
1240.000	75.5	521.10	* 114.288	* 114.288	1241.000	75.5	522.36	* 114.282	* 114.282
1242.000	75.5	523.62	* 114.276	* 114.276	1243.000	75.5	524.88	* 114.270	* 114.270
1244.000	75.5	526.13	* 114.264	* 114.264	1245.000	75.5	527.39	* 114.259	* 114.259
1246.000	75.5	528.65	* 114.253	* 114.253	1247.000	75.5	529.91	* 114.244	* 114.244
1248.000	75.5	531.16	* 114.232	* 114.232	1249.000	75.5	532.42	* 114.221	* 114.221
1250.000	75.5	533.68	* 114.209	* 114.209	1251.000	75.5	534.94	* 114.198	* 114.198
1252.000	75.5	536.20	* 114.186	* 114.186	1253.000	75.5	537.45	* 114.175	* 114.175
1254.000	75.5	538.71	* 114.164	* 114.164	1255.000	75.5	539.97	* 114.152	* 114.152
1256.000	75.5	541.23	* 114.141	* 114.141	1257.000	75.5	542.49	* 114.130	* 114.130
1258.000	75.5	543.74	* 114.119	* 114.119	1259.000	75.5	545.00	* 114.108	* 114.108
1260.000	75.5	546.26	* 114.096	* 114.096	1261.000	75.5	547.52	* 114.085	* 114.085
1262.000	75.5	548.78	* 114.074	* 114.074	1263.000	75.5	550.03	* 114.063	* 114.063
1264.000	75.5	551.29	* 114.052	* 114.052	1265.000	75.5	552.55	* 114.041	* 114.041
1266.000	75.5	553.81	* 114.030	* 114.030	1267.000	75.5	555.07	* 114.019	* 114.019
1268.000	75.5	556.32	* 114.008	* 114.008	1269.000	75.5	557.58	* 113.998	* 113.998
1270.000	75.5	558.84	* 113.987	* 113.987	1271.000	75.5	560.10	* 113.976	* 113.976
1272.000	75.5	561.36	* 113.965	* 113.965	1273.000	75.5	562.61	* 113.954	* 113.954
1274.000	75.5	563.87	* 113.944	* 113.944	1275.000	75.5	565.13	* 113.933	* 113.933
1276.000	75.5	566.39	* 113.922	* 113.922	1277.000	75.5	567.65	* 113.912	* 113.912
1278.000	75.5	568.90	* 113.901	* 113.901	1279.000	75.5	570.16	* 113.891	* 113.891
1280.000	75.5	571.42	* 113.880	* 113.880	1281.000	75.5	572.68	* 113.869	* 113.869
1282.000	75.5	573.94	* 113.859	* 113.859	1283.000	75.5	575.19	* 113.849	* 113.849
1284.000	75.5	576.45	* 113.841	* 113.841	1285.000	75.5	577.71	* 113.839	* 113.839

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1286.000	75.5	578.97	* 113.837	* 113.837	1287.000	75.5	580.22	* 113.835	* 113.835
1288.000	75.5	581.48	* 113.833	* 113.833	1289.000	75.5	582.74	* 113.831	* 113.831
1290.000	75.5	584.00	* 113.829	* 113.829	1291.000	75.5	585.26	* 113.827	* 113.827
1292.000	75.5	586.51	* 113.825	* 113.825	1293.000	75.5	587.77	* 113.823	* 113.823
1294.000	75.5	589.03	* 113.821	* 113.821	1295.000	75.5	590.29	* 113.819	* 113.819
1296.000	75.5	591.55	* 113.817	* 113.817	1297.000	75.5	592.80	* 113.815	* 113.815
1298.000	75.5	594.06	* 113.813	* 113.813	1299.000	75.5	595.32	* 113.811	* 113.811
1300.000	75.5	596.58	* 113.808	* 113.808	1301.000	75.5	597.84	* 113.806	* 113.806
1302.000	75.5	599.09	* 113.804	* 113.804	1303.000	75.5	600.35	* 113.802	* 113.802
1304.000	75.5	601.61	* 113.800	* 113.800	1305.000	75.5	602.87	* 113.798	* 113.798
1306.000	75.5	604.13	* 113.796	* 113.796	1307.000	75.5	605.38	* 113.794	* 113.794
1308.000	75.5	606.64	* 113.792	* 113.792	1309.000	75.5	607.90	* 113.790	* 113.790
1310.000	75.5	609.16	* 113.788	* 113.788	1311.000	75.5	610.42	* 113.785	* 113.785
1312.000	75.5	611.67	* 113.783	* 113.783	1313.000	75.5	612.93	* 113.781	* 113.781
1314.000	75.5	614.19	* 113.779	* 113.779	1315.000	75.5	615.45	* 113.777	* 113.777
1316.000	75.5	616.71	* 113.775	* 113.775	1317.000	75.5	617.96	* 113.773	* 113.773
1318.000	75.5	619.22	* 113.770	* 113.770	1319.000	75.5	620.48	* 113.768	* 113.768
1320.000	75.5	621.74	* 113.766	* 113.766	1321.000	75.5	623.00	* 113.764	* 113.764
1322.000	75.5	624.25	* 113.762	* 113.762	1323.000	75.5	625.51	* 113.760	* 113.760
1324.000	75.5	626.77	* 113.758	* 113.758	1325.000	75.5	628.03	* 113.755	* 113.755
1326.000	75.5	629.28	* 113.753	* 113.753	1327.000	75.5	630.54	* 113.751	* 113.751
1328.000	75.5	631.80	* 113.749	* 113.749	1329.000	75.5	633.06	* 113.747	* 113.747
1330.000	75.5	634.32	* 113.744	* 113.744	1331.000	75.5	635.57	* 113.742	* 113.742
1332.000	75.5	636.83	* 113.740	* 113.740	1333.000	75.5	638.09	* 113.738	* 113.738
1334.000	75.5	639.35	* 113.736	* 113.736	1335.000	75.5	640.61	* 113.733	* 113.733
1336.000	75.5	641.86	* 113.731	* 113.731	1337.000	75.5	643.12	* 113.729	* 113.729
1338.000	75.5	644.38	* 113.727	* 113.727	1339.000	75.5	645.64	* 113.724	* 113.724
1340.000	75.5	646.90	* 113.722	* 113.722	1341.000	75.5	648.15	* 113.720	* 113.720
1342.000	75.5	649.41	* 113.719	* 113.719	1343.000	75.5	650.67	* 113.719	* 113.719
1344.000	75.5	651.93	* 113.718	* 113.718	1345.000	75.5	653.19	* 113.717	* 113.717
1346.000	75.5	654.44	* 113.717	* 113.717	1347.000	75.5	655.70	* 113.716	* 113.716
1348.000	75.5	656.96	* 113.715	* 113.715	1349.000	75.5	658.22	* 113.715	* 113.715
1350.000	75.5	659.48	* 113.714	* 113.714	1351.000	75.5	660.73	* 113.713	* 113.713
1352.000	75.5	661.99	* 113.712	* 113.712	1353.000	75.5	663.25	* 113.712	* 113.712
1354.000	75.5	664.51	* 113.711	* 113.711	1355.000	75.5	665.77	* 113.710	* 113.710
1356.000	75.5	667.02	* 113.710	* 113.710	1357.000	75.5	668.28	* 113.709	* 113.709

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
1358.000	75.5	669.54	*	113.708	* 113.708		1359.000	75.5	670.80	*	113.707	* 113.707	
1360.000	75.5	672.06	*	113.707	* 113.707		1361.000	75.5	673.31	*	113.706	* 113.706	
1362.000	75.5	674.57	*	113.705	* 113.705		1363.000	75.5	675.83	*	113.705	* 113.705	
1364.000	75.5	677.09	*	113.704	* 113.704		1365.000	75.5	678.34	*	113.703	* 113.703	
1366.000	75.5	679.60	*	113.702	* 113.702		1367.000	75.5	680.86	*	113.702	* 113.702	
1368.000	75.5	682.12	*	113.701	* 113.701		1369.000	75.5	683.38	*	113.700	* 113.700	
1370.000	75.5	684.63	*	113.699	* 113.699		1371.000	75.5	685.89	*	113.699	* 113.699	
1372.000	75.5	687.15	*	113.698	* 113.698		1373.000	75.5	688.41	*	113.697	* 113.697	
1374.000	75.5	689.67	*	113.696	* 113.696		1375.000	75.5	690.92	*	113.696	* 113.696	
1376.000	75.5	692.18	*	113.695	* 113.695		1377.000	75.5	693.44	*	113.694	* 113.694	
1378.000	75.5	694.70	*	113.693	* 113.693		1379.000	75.5	695.96	*	113.693	* 113.693	
1380.000	75.5	697.21	*	113.692	* 113.692		1381.000	75.5	698.47	*	113.691	* 113.691	
1382.000	75.5	699.73	*	113.690	* 113.690		1383.000	75.5	700.99	*	113.690	* 113.690	
1384.000	75.5	702.25	*	113.689	* 113.689		1385.000	75.5	703.50	*	113.688	* 113.688	
1386.000	75.5	704.76	*	113.687	* 113.687		1387.000	75.5	706.02	*	113.686	* 113.686	
1388.000	75.5	707.28	*	113.686	* 113.686		1389.000	75.5	708.54	*	113.685	* 113.685	
1390.000	75.5	709.79	*	113.684	* 113.684		1391.000	75.5	711.05	*	113.683	* 113.683	
1392.000	75.5	712.31	*	113.682	* 113.682		1393.000	75.5	713.57	*	113.681	* 113.681	
1394.000	75.5	714.83	*	113.680	* 113.680		1395.000	75.5	716.08	*	113.679	* 113.679	
1396.000	75.5	717.34	*	113.678	* 113.678		1397.000	75.5	718.60	*	113.677	* 113.677	
1398.000	75.5	719.86	*	113.676	* 113.676		1399.000	75.5	721.12	*	113.675	* 113.675	
1400.000	75.5	722.37	*	113.674	* 113.674		1401.000	75.5	723.63	*	113.673	* 113.673	
1402.000	75.5	724.89	*	113.672	* 113.672		1403.000	75.5	726.15	*	113.671	* 113.671	
1404.000	75.5	727.40	*	113.669	* 113.669		1405.000	75.5	728.66	*	113.668	* 113.668	
1406.000	75.5	729.92	*	113.667	* 113.667		1407.000	75.5	731.18	*	113.666	* 113.666	
1408.000	75.5	732.44	*	113.665	* 113.665		1409.000	75.5	733.69	*	113.664	* 113.664	
1410.000	75.5	734.95	*	113.663	* 113.663		1411.000	75.5	736.21	*	113.662	* 113.662	
1412.000	75.5	737.47	*	113.660	* 113.660		1413.000	75.5	738.73	*	113.659	* 113.659	
1414.000	75.5	739.98	*	113.658	* 113.658		1415.000	75.5	741.24	*	113.657	* 113.657	
1416.000	75.5	742.50	*	113.656	* 113.656		1417.000	75.5	743.76	*	113.655	* 113.655	
1418.000	75.5	745.02	*	113.654	* 113.654		1419.000	75.5	746.27	*	113.652	* 113.652	
1420.000	75.5	747.53	*	113.651	* 113.651		1421.000	75.5	748.79	*	113.650	* 113.650	
1422.000	75.5	750.05	*	113.649	* 113.649		1423.000	75.5	751.31	*	113.648	* 113.648	
1424.000	75.5	752.56	*	113.647	* 113.647		1425.000	75.5	753.82	*	113.646	* 113.646	
1426.000	75.5	755.08	*	113.644	* 113.644		1427.000	75.5	756.34	*	113.643	* 113.643	
1428.000	75.5	757.60	*	113.642	* 113.642		1429.000	75.5	758.85	*	113.641	* 113.641	

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DIV 1 Battery 1A 48-Hour Coping Study

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Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1430.000	75.5	760.11	* 113.640	* 113.640	1431.000	75.5	761.37	* 113.639	* 113.639
1432.000	75.5	762.63	* 113.637	* 113.637	1433.000	75.5	763.89	* 113.636	* 113.636
1434.000	75.5	765.14	* 113.635	* 113.635	1435.000	75.5	766.40	* 113.634	* 113.634
1436.000	75.5	767.66	* 113.633	* 113.633	1437.000	75.5	768.92	* 113.631	* 113.631
1438.000	75.5	770.18	* 113.630	* 113.630	1439.000	75.5	771.43	* 113.629	* 113.629
1440.000	75.5	772.69	* 113.628	* 113.628	1441.000	75.5	773.95	* 113.627	* 113.627
1442.000	75.5	775.21	* 113.625	* 113.625	1443.000	75.5	776.47	* 113.624	* 113.624
1444.000	75.5	777.72	* 113.623	* 113.623	1445.000	75.5	778.98	* 113.622	* 113.622
1446.000	75.5	780.24	* 113.621	* 113.621	1447.000	75.5	781.50	* 113.619	* 113.619
1448.000	75.5	782.75	* 113.618	* 113.618	1449.000	75.5	784.01	* 113.617	* 113.617
1450.000	75.5	785.27	* 113.616	* 113.616	1451.000	75.5	786.53	* 113.614	* 113.614
1452.000	75.5	787.79	* 113.613	* 113.613	1453.000	75.5	789.04	* 113.612	* 113.612
1454.000	75.5	790.30	* 113.611	* 113.611	1455.000	75.5	791.56	* 113.609	* 113.609
1456.000	75.5	792.82	* 113.608	* 113.608	1457.000	75.5	794.08	* 113.607	* 113.607
1458.000	75.5	795.33	* 113.606	* 113.606	1459.000	75.5	796.59	* 113.604	* 113.604
1460.000	75.5	797.85	* 113.603	* 113.603	1461.000	75.5	799.11	* 113.602	* 113.602
1462.000	75.5	800.37	* 113.601	* 113.601	1463.000	75.5	801.62	* 113.599	* 113.599
1464.000	75.5	802.88	* 113.598	* 113.598	1465.000	75.5	804.14	* 113.597	* 113.597
1466.000	75.5	805.40	* 113.595	* 113.595	1467.000	75.5	806.66	* 113.594	* 113.594
1468.000	75.5	807.91	* 113.593	* 113.593	1469.000	75.5	809.17	* 113.592	* 113.592
1470.000	75.5	810.43	* 113.590	* 113.590	1471.000	75.5	811.69	* 113.589	* 113.589
1472.000	75.5	812.95	* 113.588	* 113.588	1473.000	75.5	814.20	* 113.586	* 113.586
1474.000	75.5	815.46	* 113.585	* 113.585	1475.000	75.5	816.72	* 113.584	* 113.584
1476.000	75.5	817.98	* 113.583	* 113.583	1477.000	75.5	819.24	* 113.581	* 113.581
1478.000	75.5	820.49	* 113.580	* 113.580	1479.000	75.5	821.75	* 113.579	* 113.579
1480.000	75.5	823.01	* 113.577	* 113.577	1481.000	75.5	824.27	* 113.576	* 113.576
1482.000	75.5	825.53	* 113.575	* 113.575	1483.000	75.5	826.78	* 113.573	* 113.573
1484.000	75.5	828.04	* 113.572	* 113.572	1485.000	75.5	829.30	* 113.571	* 113.571
1486.000	75.5	830.56	* 113.569	* 113.569	1487.000	75.5	831.81	* 113.568	* 113.568
1488.000	75.5	833.07	* 113.567	* 113.567	1489.000	75.5	834.33	* 113.565	* 113.565
1490.000	75.5	835.59	* 113.564	* 113.564	1491.000	75.5	836.85	* 113.562	* 113.562
1492.000	75.5	838.10	* 113.561	* 113.561	1493.000	75.5	839.36	* 113.560	* 113.560
1494.000	75.5	840.62	* 113.558	* 113.558	1495.000	75.5	841.88	* 113.557	* 113.557
1496.000	75.5	843.14	* 113.556	* 113.556	1497.000	75.5	844.39	* 113.554	* 113.554
1498.000	75.5	845.65	* 113.553	* 113.553	1499.000	75.5	846.91	* 113.551	* 113.551
1500.000	75.5	848.17	* 113.550	* 113.550	1501.000	75.5	849.43	* 113.549	* 113.549

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
1502.000	75.5	850.68	*		113.547	113.547	1503.000	75.5	851.94	*		113.546	113.546
1504.000	75.5	853.20	*		113.544	113.544	1505.000	75.5	854.46	*		113.543	113.543
1506.000	75.5	855.72	*		113.538	113.538	1507.000	75.5	856.97	*		113.534	113.534
1508.000	75.5	858.23	*		113.529	113.529	1509.000	75.5	859.49	*		113.525	113.525
1510.000	75.5	860.75	*		113.520	113.520	1511.000	75.5	862.01	*		113.516	113.516
1512.000	75.5	863.26	*		113.511	113.511	1513.000	75.5	864.52	*		113.507	113.507
1514.000	75.5	865.78	*		113.502	113.502	1515.000	75.5	867.04	*		113.498	113.498
1516.000	75.5	868.30	*		113.493	113.493	1517.000	75.5	869.55	*		113.489	113.489
1518.000	75.5	870.81	*		113.484	113.484	1519.000	75.5	872.07	*		113.479	113.479
1520.000	75.5	873.33	*		113.475	113.475	1521.000	75.5	874.59	*		113.470	113.470
1522.000	75.5	875.84	*		113.466	113.466	1523.000	75.5	877.10	*		113.461	113.461
1524.000	75.5	878.36	*		113.457	113.457	1525.000	75.5	879.62	*		113.452	113.452
1526.000	75.5	880.87	*		113.448	113.448	1527.000	75.5	882.13	*		113.443	113.443
1528.000	75.5	883.39	*		113.438	113.438	1529.000	75.5	884.65	*		113.434	113.434
1530.000	75.5	885.91	*		113.429	113.429	1531.000	75.5	887.16	*		113.425	113.425
1532.000	75.5	888.42	*		113.420	113.420	1533.000	75.5	889.68	*		113.415	113.415
1534.000	75.5	890.94	*		113.411	113.411	1535.000	75.5	892.20	*		113.406	113.406
1536.000	75.5	893.45	*		113.402	113.402	1537.000	75.5	894.71	*		113.397	113.397
1538.000	75.5	895.97	*		113.392	113.392	1539.000	75.5	897.23	*		113.389	113.389
1540.000	75.5	898.49	*		113.385	113.385	1541.000	75.5	899.74	*		113.382	113.382
1542.000	75.5	901.00	*		113.378	113.378	1543.000	75.5	902.26	*		113.374	113.374
1544.000	75.5	903.52	*		113.371	113.371	1545.000	75.5	904.78	*		113.367	113.367
1546.000	75.5	906.03	*		113.363	113.363	1547.000	75.5	907.29	*		113.360	113.360
1548.000	75.5	908.55	*		113.356	113.356	1549.000	75.5	909.81	*		113.352	113.352
1550.000	75.5	911.07	*		113.348	113.348	1551.000	75.5	912.32	*		113.344	113.344
1552.000	75.5	913.58	*		113.340	113.340	1553.000	75.5	914.84	*		113.336	113.336
1554.000	75.5	916.10	*		113.332	113.332	1555.000	75.5	917.36	*		113.328	113.328
1556.000	75.5	918.61	*		113.324	113.324	1557.000	75.5	919.87	*		113.320	113.320
1558.000	75.5	921.13	*		113.316	113.316	1559.000	75.5	922.39	*		113.312	113.312
1560.000	75.5	923.65	*		113.307	113.307	1561.000	75.5	924.90	*		113.303	113.303
1562.000	75.5	926.16	*		113.299	113.299	1563.000	75.5	927.42	*		113.294	113.294
1564.000	75.5	928.68	*		113.290	113.290	1565.000	75.5	929.93	*		113.286	113.286
1566.000	75.5	931.19	*		113.281	113.281	1567.000	75.5	932.45	*		113.277	113.277
1568.000	75.5	933.71	*		113.272	113.272	1569.000	75.5	934.97	*		113.268	113.268
1570.000	75.5	936.22	*		113.263	113.263	1571.000	75.5	937.48	*		113.258	113.258
1572.000	75.5	938.74	*		113.254	113.254	1573.000	75.5	940.00	*		113.249	113.249

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1574.000	75.5	941.26	* 113.244	* 113.244	1575.000	75.5	942.51	* 113.239	* 113.239
1576.000	75.5	943.77	* 113.234	* 113.234	1577.000	75.5	945.03	* 113.229	* 113.229
1578.000	75.5	946.29	* 113.224	* 113.224	1579.000	75.5	947.55	* 113.219	* 113.219
1580.000	75.5	948.80	* 113.214	* 113.214	1581.000	75.5	950.06	* 113.209	* 113.209
1582.000	75.5	951.32	* 113.204	* 113.204	1583.000	75.5	952.58	* 113.199	* 113.199
1584.000	75.5	953.84	* 113.193	* 113.193	1585.000	75.5	955.09	* 113.188	* 113.188
1586.000	75.5	956.35	* 113.183	* 113.183	1587.000	75.5	957.61	* 113.177	* 113.177
1588.000	75.5	958.87	* 113.173	* 113.173	1589.000	75.5	960.13	* 113.168	* 113.168
1590.000	75.5	961.38	* 113.163	* 113.163	1591.000	75.5	962.64	* 113.158	* 113.158
1592.000	75.5	963.90	* 113.153	* 113.153	1593.000	75.5	965.16	* 113.147	* 113.147
1594.000	75.5	966.42	* 113.142	* 113.142	1595.000	75.5	967.67	* 113.137	* 113.137
1596.000	75.5	968.93	* 113.132	* 113.132	1597.000	75.5	970.19	* 113.127	* 113.127
1598.000	75.5	971.45	* 113.122	* 113.122	1599.000	75.5	972.71	* 113.117	* 113.117
1600.000	75.5	973.96	* 113.112	* 113.112	1601.000	75.5	975.22	* 113.107	* 113.107
1602.000	75.5	976.48	* 113.102	* 113.102	1603.000	75.5	977.74	113.097	113.097
1604.000	75.5	978.99	113.091	113.091	1605.000	75.5	980.25	113.086	113.086
1606.000	75.5	981.51	113.081	113.081	1607.000	75.5	982.77	113.076	113.076
1608.000	75.5	984.03	113.071	113.071	1609.000	75.5	985.28	113.066	113.066
1610.000	75.5	986.54	113.061	113.061	1611.000	75.5	987.80	113.056	113.056
1612.000	75.5	989.06	113.050	113.050	1613.000	75.5	990.32	113.045	113.045
1614.000	75.5	991.57	113.040	113.040	1615.000	75.5	992.83	113.035	113.035
1616.000	75.5	994.09	113.030	113.030	1617.000	75.5	995.35	113.025	113.025
1618.000	75.5	996.61	113.020	113.020	1619.000	75.5	997.86	113.015	113.015
1620.000	75.5	999.12	113.009	113.009	1621.000	75.5	1000.38	113.004	113.004
1622.000	75.5	1001.64	112.999	112.999	1623.000	75.5	1002.90	112.994	112.994
1624.000	75.5	1004.15	112.989	112.989	1625.000	75.5	1005.41	112.984	112.984
1626.000	75.5	1006.67	112.978	112.978	1627.000	75.5	1007.93	112.973	112.973
1628.000	75.5	1009.19	112.968	112.968	1629.000	75.5	1010.44	112.963	112.963
1630.000	75.5	1011.70	112.958	112.958	1631.000	75.5	1012.96	112.953	112.953
1632.000	75.5	1014.22	112.947	112.947	1633.000	75.5	1015.48	112.942	112.942
1634.000	75.5	1016.73	112.937	112.937	1635.000	75.5	1017.99	112.932	112.932
1636.000	75.5	1019.25	112.927	112.927	1637.000	75.5	1020.51	112.921	112.921
1638.000	75.5	1021.77	112.916	112.916	1639.000	75.5	1023.02	112.911	112.911
1640.000	75.5	1024.28	112.906	112.906	1641.000	75.5	1025.54	112.901	112.901
1642.000	75.5	1026.80	112.895	112.895	1643.000	75.5	1028.06	112.892	112.892
1644.000	75.5	1029.31	112.889	112.889	1645.000	75.5	1030.57	112.886	112.886

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
1646.000	75.5	1031.83			112.883	112.883	1647.000	75.5	1033.09			112.880	112.880
1648.000	75.5	1034.35			112.877	112.877	1649.000	75.5	1035.60			112.874	112.874
1650.000	75.5	1036.86			112.871	112.871	1651.000	75.5	1038.12			112.868	112.868
1652.000	75.5	1039.38			112.865	112.865	1653.000	75.5	1040.64			112.862	112.862
1654.000	75.5	1041.89			112.859	112.859	1655.000	75.5	1043.15			112.856	112.856
1656.000	75.5	1044.41			112.853	112.853	1657.000	75.5	1045.67			112.850	112.850
1658.000	75.5	1046.92			112.847	112.847	1659.000	75.5	1048.18			112.844	112.844
1660.000	75.5	1049.44			112.841	112.841	1661.000	75.5	1050.70			112.838	112.838
1662.000	75.5	1051.96			112.835	112.835	1663.000	75.5	1053.21			112.832	112.832
1664.000	75.5	1054.47			112.829	112.829	1665.000	75.5	1055.73			112.826	112.826
1666.000	75.5	1056.99			112.823	112.823	1667.000	75.5	1058.25			112.819	112.819
1668.000	75.5	1059.50			112.816	112.816	1669.000	75.5	1060.76			112.813	112.813
1670.000	75.5	1062.02			112.810	112.810	1671.000	75.5	1063.28			112.807	112.807
1672.000	75.5	1064.54			112.804	112.804	1673.000	75.5	1065.79			112.801	112.801
1674.000	75.5	1067.05			112.798	112.798	1675.000	75.5	1068.31			112.795	112.795
1676.000	75.5	1069.57			112.792	112.792	1677.000	75.5	1070.83			112.789	112.789
1678.000	75.5	1072.08			112.785	112.785	1679.000	75.5	1073.34			112.782	112.782
1680.000	75.5	1074.60			112.779	112.779	1681.000	75.5	1075.86			112.776	112.776
1682.000	75.5	1077.12			112.773	112.773	1683.000	75.5	1078.37			112.770	112.770
1684.000	75.5	1079.63			112.767	112.767	1685.000	75.5	1080.89			112.764	112.764
1686.000	75.5	1082.15			112.761	112.761	1687.000	75.5	1083.41			112.757	112.757
1688.000	75.5	1084.66			112.754	112.754	1689.000	75.5	1085.92			112.751	112.751
1690.000	75.5	1087.18			112.748	112.748	1691.000	75.5	1088.44			112.745	112.745
1692.000	75.5	1089.70			112.742	112.742	1693.000	75.5	1090.95			112.738	112.738
1694.000	75.5	1092.21			112.735	112.735	1695.000	75.5	1093.47			112.732	112.732
1696.000	75.5	1094.73			112.729	112.729	1697.000	75.5	1095.98			112.726	112.726
1698.000	75.5	1097.24			112.723	112.723	1699.000	75.5	1098.50			112.719	112.719
1700.000	75.5	1099.76			112.716	112.716	1701.000	75.5	1101.02			112.713	112.713
1702.000	75.5	1102.27			112.710	112.710	1703.000	75.5	1103.53			112.706	112.706
1704.000	75.5	1104.79			112.704	112.704	1705.000	75.5	1106.05			112.701	112.701
1706.000	75.5	1107.31			112.699	112.699	1707.000	75.5	1108.56			112.696	112.696
1708.000	75.5	1109.82			112.694	112.694	1709.000	75.5	1111.08			112.692	112.692
1710.000	75.5	1112.34			112.689	112.689	1711.000	75.5	1113.60			112.687	112.687
1712.000	75.5	1114.85			112.684	112.684	1713.000	75.5	1116.11			112.682	112.682
1714.000	75.5	1117.37			112.679	112.679	1715.000	75.5	1118.63			112.677	112.677
1716.000	75.5	1119.89			112.674	112.674	1717.000	75.5	1121.14			112.672	112.672

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DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1718.000	75.5	1122.40	112.669	112.669	1719.000	75.5	1123.66	112.667	112.667
1720.000	75.5	1124.92	112.664	112.664	1721.000	75.5	1126.18	112.662	112.662
1722.000	75.5	1127.43	112.659	112.659	1723.000	75.5	1128.69	112.657	112.657
1724.000	75.5	1129.95	112.654	112.654	1725.000	75.5	1131.21	112.652	112.652
1726.000	75.5	1132.47	112.649	112.649	1727.000	75.5	1133.72	112.647	112.647
1728.000	75.5	1134.98	112.644	112.644	1729.000	75.5	1136.24	112.641	112.641
1730.000	75.5	1137.50	112.639	112.639	1731.000	75.5	1138.76	112.636	112.636
1732.000	75.5	1140.01	112.634	112.634	1733.000	75.5	1141.27	112.631	112.631
1734.000	75.5	1142.53	112.629	112.629	1735.000	75.5	1143.79	112.626	112.626
1736.000	75.5	1145.04	112.623	112.623	1737.000	75.5	1146.30	112.621	112.621
1738.000	75.5	1147.56	112.618	112.618	1739.000	75.5	1148.82	112.615	112.615
1740.000	75.5	1150.08	112.613	112.613	1741.000	75.5	1151.33	112.610	112.610
1742.000	75.5	1152.59	112.607	112.607	1743.000	75.5	1153.85	112.605	112.605
1744.000	75.5	1155.11	112.602	112.602	1745.000	75.5	1156.37	112.599	112.599
1746.000	75.5	1157.62	112.597	112.597	1747.000	75.5	1158.88	112.594	112.594
1748.000	75.5	1160.14	112.591	112.591	1749.000	75.5	1161.40	112.589	112.589
1750.000	75.5	1162.66	112.586	112.586	1751.000	75.5	1163.91	112.583	112.583
1752.000	75.5	1165.17	112.581	112.581	1753.000	75.5	1166.43	112.578	112.578
1754.000	75.5	1167.69	112.575	112.575	1755.000	75.5	1168.95	112.572	112.572
1756.000	75.5	1170.20	112.570	112.570	1757.000	75.5	1171.46	112.567	112.567
1758.000	75.5	1172.72	112.564	112.564	1759.000	75.5	1173.98	112.561	112.561
1760.000	75.5	1175.24	112.558	112.558	1761.000	75.5	1176.49	112.556	112.556
1762.000	75.5	1177.75	112.553	112.553	1763.000	75.5	1179.01	112.550	112.550
1764.000	75.5	1180.27	112.547	112.547	1765.000	75.5	1181.53	112.544	112.544
1766.000	75.5	1182.78	112.540	112.540	1767.000	75.5	1184.04	112.537	112.537
1768.000	75.5	1185.30	112.533	112.533	1769.000	75.5	1186.56	112.530	112.530
1770.000	75.5	1187.82	112.526	112.526	1771.000	75.5	1189.07	112.523	112.523
1772.000	75.5	1190.33	112.519	112.519	1773.000	75.5	1191.59	112.515	112.515
1774.000	75.5	1192.85	112.512	112.512	1775.000	75.5	1194.10	112.508	112.508
1776.000	75.5	1195.36	112.505	112.505	1777.000	75.5	1196.62	112.501	112.501
1778.000	75.5	1197.88	112.497	112.497	1779.000	75.5	1199.14	112.494	112.494
1780.000	75.5	1200.39	112.490	112.490	1781.000	75.5	1201.65	112.486	112.486
1782.000	75.5	1202.91	112.483	112.483	1783.000	75.5	1204.17	112.479	112.479
1784.000	75.5	1205.43	112.475	112.475	1785.000	75.5	1206.68	112.472	112.472
1786.000	75.5	1207.94	112.468	112.468	1787.000	75.5	1209.20	112.464	112.464
1788.000	75.5	1210.46	112.461	112.461	1789.000	75.5	1211.72	112.457	112.457

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1790.000	75.5	1212.97	112.453	112.453	1791.000	75.5	1214.23	112.449	112.449
1792.000	75.5	1215.49	112.446	112.446	1793.000	75.5	1216.75	112.442	112.442
1794.000	75.5	1218.01	112.438	112.438	1795.000	75.5	1219.26	112.434	112.434
1796.000	75.5	1220.52	112.431	112.431	1797.000	75.5	1221.78	112.427	112.427
1798.000	75.5	1223.04	112.423	112.423	1799.000	75.5	1224.30	112.419	112.419
1800.000	75.5	1225.55	112.415	112.415	1801.000	75.5	1226.81	112.412	112.412
1802.000	75.5	1228.07	112.408	112.408	1803.000	75.5	1229.33	112.404	112.404
1804.000	75.5	1230.59	112.400	112.400	1805.000	75.5	1231.84	112.396	112.396
1806.000	75.5	1233.10	112.392	112.392	1807.000	75.5	1234.36	112.389	112.389
1808.000	75.5	1235.62	112.385	112.385	1809.000	75.5	1236.88	112.381	112.381
1810.000	75.5	1238.13	112.377	112.377	1811.000	75.5	1239.39	112.373	112.373
1812.000	75.5	1240.65	112.369	112.369	1813.000	75.5	1241.91	112.365	112.365
1814.000	75.5	1243.16	112.361	112.361	1815.000	75.5	1244.42	112.357	112.357
1816.000	75.5	1245.68	112.353	112.353	1817.000	75.5	1246.94	112.349	112.349
1818.000	75.5	1248.20	112.345	112.345	1819.000	75.5	1249.45	112.341	112.341
1820.000	75.5	1250.71	112.337	112.337	1821.000	75.5	1251.97	112.333	112.333
1822.000	75.5	1253.23	112.329	112.329	1823.000	75.5	1254.49	112.325	112.325
1824.000	75.5	1255.74	112.321	112.321	1825.000	75.5	1257.00	112.317	112.317
1826.000	75.5	1258.26	112.313	112.313	1827.000	75.5	1259.52	112.309	112.309
1828.000	75.5	1260.78	112.305	112.305	1829.000	75.5	1262.03	112.301	112.301
1830.000	75.5	1263.29	112.297	112.297	1831.000	75.5	1264.55	112.293	112.293
1832.000	75.5	1265.81	112.289	112.289	1833.000	75.5	1267.07	112.285	112.285
1834.000	75.5	1268.32	112.281	112.281	1835.000	75.5	1269.58	112.278	112.278
1836.000	75.5	1270.84	112.274	112.274	1837.000	75.5	1272.10	112.271	112.271
1838.000	75.5	1273.36	112.268	112.268	1839.000	75.5	1274.61	112.264	112.264
1840.000	75.5	1275.87	112.261	112.261	1841.000	75.5	1277.13	112.257	112.257
1842.000	75.5	1278.39	112.254	112.254	1843.000	75.5	1279.65	112.250	112.250
1844.000	75.5	1280.90	112.246	112.246	1845.000	75.5	1282.16	112.243	112.243
1846.000	75.5	1283.42	112.239	112.239	1847.000	75.5	1284.68	112.236	112.236
1848.000	75.5	1285.94	112.232	112.232	1849.000	75.5	1287.19	112.229	112.229
1850.000	75.5	1288.45	112.225	112.225	1851.000	75.5	1289.71	112.221	112.221
1852.000	75.5	1290.97	112.218	112.218	1853.000	75.5	1292.22	112.214	112.214
1854.000	75.5	1293.48	112.210	112.210	1855.000	75.5	1294.74	112.206	112.206
1856.000	75.5	1296.00	112.202	112.202	1857.000	75.5	1297.26	112.198	112.198
1858.000	75.5	1298.51	112.193	112.193	1859.000	75.5	1299.77	112.189	112.189
1860.000	75.5	1301.03	112.185	112.185	1861.000	75.5	1302.29	112.181	112.181

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Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1862.000	75.5	1303.55	112.176	112.176	1863.000	75.5	1304.80	112.172	112.172
1864.000	75.5	1306.06	112.168	112.168	1865.000	75.5	1307.32	112.163	112.163
1866.000	75.5	1308.58	112.159	112.159	1867.000	75.5	1309.84	112.155	112.155
1868.000	75.5	1311.09	112.150	112.150	1869.000	75.5	1312.35	112.146	112.146
1870.000	75.5	1313.61	112.142	112.142	1871.000	75.5	1314.87	112.137	112.137
1872.000	75.5	1316.13	112.133	112.133	1873.000	75.5	1317.38	112.128	112.128
1874.000	75.5	1318.64	112.124	112.124	1875.000	75.5	1319.90	112.119	112.119
1876.000	75.5	1321.16	112.115	112.115	1877.000	75.5	1322.42	112.110	112.110
1878.000	75.5	1323.67	112.105	112.105	1879.000	75.5	1324.93	112.101	112.101
1880.000	75.5	1326.19	112.096	112.096	1881.000	75.5	1327.45	112.092	112.092
1882.000	75.5	1328.71	112.087	112.087	1883.000	75.5	1329.96	112.082	112.082
1884.000	75.5	1331.22	112.078	112.078	1885.000	75.5	1332.48	112.073	112.073
1886.000	75.5	1333.74	112.068	112.068	1887.000	75.5	1335.00	112.063	112.063
1888.000	75.5	1336.25	112.059	112.059	1889.000	75.5	1337.51	112.054	112.054
1890.000	75.5	1338.77	112.049	112.049	1891.000	75.5	1340.03	112.044	112.044
1892.000	75.5	1341.29	112.039	112.039	1893.000	75.5	1342.54	112.034	112.034
1894.000	75.5	1343.80	112.029	112.029	1895.000	75.5	1345.06	112.025	112.025
1896.000	75.5	1346.32	112.020	112.020	1897.000	75.5	1347.57	112.015	112.015
1898.000	75.5	1348.83	112.011	112.011	1899.000	75.5	1350.09	112.006	112.006
1900.000	75.5	1351.35	112.001	112.001	1901.000	75.5	1352.61	111.997	111.997
1902.000	75.5	1353.86	111.992	111.992	1903.000	75.5	1355.12	111.987	111.987
1904.000	75.5	1356.38	111.982	111.982	1905.000	75.5	1357.64	111.977	111.977
1906.000	75.5	1358.90	111.973	111.973	1907.000	75.5	1360.15	111.968	111.968
1908.000	75.5	1361.41	111.963	111.963	1909.000	75.5	1362.67	111.958	111.958
1910.000	75.5	1363.93	111.953	111.953	1911.000	75.5	1365.19	111.948	111.948
1912.000	75.5	1366.44	111.943	111.943	1913.000	75.5	1367.70	111.938	111.938
1914.000	75.5	1368.96	111.933	111.933	1915.000	75.5	1370.22	111.928	111.928
1916.000	75.5	1371.48	111.922	111.922	1917.000	75.5	1372.73	111.917	111.917
1918.000	75.5	1373.99	111.912	111.912	1919.000	75.5	1375.25	111.907	111.907
1920.000	75.5	1376.51	111.902	111.902	1921.000	75.5	1377.77	111.896	111.896
1922.000	75.5	1379.02	111.891	111.891	1923.000	75.5	1380.28	111.886	111.886
1924.000	75.5	1381.54	111.880	111.880	1925.000	75.5	1382.80	111.875	111.875
1926.000	75.5	1384.06	111.870	111.870	1927.000	75.5	1385.31	111.864	111.864
1928.000	75.5	1386.57	111.859	111.859	1929.000	75.5	1387.83	111.853	111.853
1930.000	75.5	1389.09	111.848	111.848	1931.000	75.5	1390.35	111.842	111.842
1932.000	75.5	1391.60	111.837	111.837	1933.000	75.5	1392.86	111.831	111.831

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## DIV I Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
1934.000	75.5	1394.12	111.826	111.826	1935.000	75.5	1395.38	111.820	111.820
1936.000	75.5	1396.63	111.814	111.814	1937.000	75.5	1397.89	111.808	111.808
1938.000	75.5	1399.15	111.803	111.803	1939.000	75.5	1400.41	111.797	111.797
1940.000	75.5	1401.67	111.791	111.791	1941.000	75.5	1402.92	111.785	111.785
1942.000	75.5	1404.18	111.779	111.779	1943.000	75.5	1405.44	111.773	111.773
1944.000	75.5	1406.70	111.768	111.768	1945.000	75.5	1407.96	111.762	111.762
1946.000	75.5	1409.21	111.756	111.756	1947.000	75.5	1410.47	111.749	111.749
1948.000	75.5	1411.73	111.743	111.743	1949.000	75.5	1412.99	111.737	111.737
1950.000	75.5	1414.25	111.731	111.731	1951.000	75.5	1415.50	111.725	111.725
1952.000	75.5	1416.76	111.719	111.719	1953.000	75.5	1418.02	111.713	111.713
1954.000	75.5	1419.28	111.706	111.706	1955.000	75.5	1420.54	111.700	111.700
1956.000	75.5	1421.79	111.694	111.694	1957.000	75.5	1423.05	111.687	111.687
1958.000	75.5	1424.31	111.681	111.681	1959.000	75.5	1425.57	111.674	111.674
1960.000	75.5	1426.83	111.668	111.668	1961.000	75.5	1428.08	111.661	111.661
1962.000	75.5	1429.34	111.655	111.655	1963.000	75.5	1430.60	111.648	111.648
1964.000	75.5	1431.86	111.641	111.641	1965.000	75.5	1433.12	111.635	111.635
1966.000	75.5	1434.37	111.628	111.628	1967.000	75.5	1435.63	111.621	111.621
1968.000	75.5	1436.89	111.614	111.614	1969.000	75.5	1438.15	111.607	111.607
1970.000	75.5	1439.41	111.601	111.601	1971.000	75.5	1440.66	111.593	111.593
1972.000	75.5	1441.92	111.583	111.583	1973.000	75.5	1443.18	111.574	111.574
1974.000	75.5	1444.44	111.565	111.565	1975.000	75.5	1445.69	111.556	111.556
1976.000	75.5	1446.95	111.546	111.546	1977.000	75.5	1448.21	111.537	111.537
1978.000	75.5	1449.47	111.527	111.527	1979.000	75.5	1450.73	111.517	111.517
1980.000	75.5	1451.98	111.507	111.507	1981.000	75.5	1453.24	111.498	111.498
1982.000	75.5	1454.50	111.488	111.488	1983.000	75.5	1455.76	111.477	111.477
1984.000	75.5	1457.02	111.467	111.467	1985.000	75.5	1458.27	111.457	111.457
1986.000	75.5	1459.53	111.447	111.447	1987.000	75.5	1460.79	111.436	111.436
1988.000	75.5	1462.05	111.426	111.426	1989.000	75.5	1463.31	111.415	111.415
1990.000	75.5	1464.56	111.404	111.404	1991.000	75.5	1465.82	111.393	111.393
1992.000	75.5	1467.08	111.382	111.382	1993.000	75.5	1468.34	111.371	111.371
1994.000	75.5	1469.60	111.360	111.360	1995.000	75.5	1470.85	111.349	111.349
1996.000	75.5	1472.11	111.337	111.337	1997.000	75.5	1473.37	111.326	111.326
1998.000	75.5	1474.63	111.314	111.314	1999.000	75.5	1475.89	111.303	111.303
2000.000	75.5	1477.14	111.291	111.291	2001.000	75.5	1478.40	111.279	111.279
2002.000	75.5	1479.66	111.267	111.267	2003.000	75.5	1480.92	111.254	111.254
2004.000	75.5	1482.18	111.242	111.242	2005.000	75.5	1483.43	111.230	111.230

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
2006.000	75.5	1484.69	111.217	111.217	2007.000	75.5	1485.95	111.204	111.204
2008.000	75.5	1487.21	111.191	111.191	2009.000	75.5	1488.47	111.178	111.178
2010.000	75.5	1489.72	111.165	111.165	2011.000	75.5	1490.98	111.152	111.152
2012.000	75.5	1492.24	111.138	111.138	2013.000	75.5	1493.50	111.125	111.125
2014.000	75.5	1494.75	111.111	111.111	2015.000	75.5	1496.01	111.097	111.097
2016.000	75.5	1497.27	111.083	111.083	2017.000	75.5	1498.53	111.069	111.069
2018.000	75.5	1499.79	111.055	111.055	2019.000	75.5	1501.04	111.040	111.040
2020.000	75.5	1502.30	111.026	111.026	2021.000	75.5	1503.56	111.011	111.011
2022.000	75.5	1504.82	110.996	110.996	2023.000	75.5	1506.08	110.981	110.981
2024.000	75.5	1507.33	110.966	110.966	2025.000	75.5	1508.59	110.958	110.958
2026.000	75.5	1509.85	110.949	110.949	2027.000	75.5	1511.11	110.941	110.941
2028.000	75.5	1512.37	110.933	110.933	2029.000	75.5	1513.62	110.924	110.924
2030.000	75.5	1514.88	110.916	110.916	2031.000	75.5	1516.14	110.907	110.907
2032.000	75.5	1517.40	110.899	110.899	2033.000	75.5	1518.66	110.890	110.890
2034.000	75.5	1519.91	110.881	110.881	2035.000	75.5	1521.17	110.873	110.873
2036.000	75.5	1522.43	110.864	110.864	2037.000	75.5	1523.69	110.855	110.855
2038.000	75.5	1524.95	110.846	110.846	2039.000	75.5	1526.20	110.838	110.838
2040.000	75.5	1527.46	110.829	110.829	2041.000	75.5	1528.72	110.820	110.820
2042.000	75.5	1529.98	110.811	110.811	2043.000	75.5	1531.24	110.802	110.802
2044.000	75.5	1532.49	110.793	110.793	2045.000	75.5	1533.75	110.783	110.783
2046.000	75.5	1535.01	110.774	110.774	2047.000	75.5	1536.27	110.765	110.765
2048.000	75.5	1537.53	110.756	110.756	2049.000	75.5	1538.78	110.747	110.747
2050.000	75.5	1540.04	110.737	110.737	2051.000	75.5	1541.30	110.728	110.728
2052.000	75.5	1542.56	110.718	110.718	2053.000	75.5	1543.81	110.709	110.709
2054.000	75.5	1545.07	110.699	110.699	2055.000	75.5	1546.33	110.690	110.690
2056.000	75.5	1547.59	110.680	110.680	2057.000	75.5	1548.85	110.670	110.670
2058.000	75.5	1550.10	110.661	110.661	2059.000	75.5	1551.36	110.651	110.651
2060.000	75.5	1552.62	110.641	110.641	2061.000	75.5	1553.88	110.631	110.631
2062.000	75.5	1555.14	110.621	110.621	2063.000	75.5	1556.39	110.611	110.611
2064.000	75.5	1557.65	110.601	110.601	2065.000	75.5	1558.91	110.591	110.591
2066.000	75.5	1560.17	110.581	110.581	2067.000	75.5	1561.43	110.571	110.571
2068.000	75.5	1562.68	110.560	110.560	2069.000	75.5	1563.94	110.550	110.550
2070.000	75.5	1565.20	110.540	110.540	2071.000	75.5	1566.46	110.529	110.529
2072.000	75.5	1567.72	110.519	110.519	2073.000	75.5	1568.97	110.508	110.508
2074.000	75.5	1570.23	110.498	110.498	2075.000	75.5	1571.49	110.487	110.487
2076.000	75.5	1572.75	110.476	110.476	2077.000	75.5	1574.01	110.466	110.466

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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
2078.000	75.5	1575.26	110.455	110.455	2079.000	75.5	1576.52	110.444	110.444
2080.000	75.5	1577.78	110.433	110.433	2081.000	75.5	1579.04	110.422	110.422
2082.000	75.5	1580.30	110.411	110.411	2083.000	75.5	1581.55	110.400	110.400
2084.000	75.5	1582.81	110.389	110.389	2085.000	75.5	1584.07	110.377	110.377
2086.000	75.5	1585.33	110.362	110.362	2087.000	75.5	1586.59	110.347	110.347
2088.000	75.5	1587.84	110.331	110.331	2089.000	75.5	1589.10	110.316	110.316
2090.000	75.5	1590.36	110.300	110.300	2091.000	75.5	1591.62	110.284	110.284
2092.000	75.5	1592.88	110.268	110.268	2093.000	75.5	1594.13	110.252	110.252
2094.000	75.5	1595.39	110.236	110.236	2095.000	75.5	1596.65	110.219	110.219
2096.000	75.5	1597.91	110.200	110.200	2097.000	75.5	1599.16	110.194	110.194
2098.000	75.5	1600.42	110.186	110.186	2099.000	75.5	1601.68	110.179	110.179
2100.000	75.5	1602.94	110.171	110.171	2101.000	75.5	1604.20	110.164	110.164
2102.000	75.5	1605.45	110.156	110.156	2103.000	75.5	1606.71	110.149	110.149
2104.000	75.5	1607.97	110.141	110.141	2105.000	75.5	1609.23	110.133	110.133
2106.000	75.5	1610.49	110.126	110.126	2107.000	75.5	1611.74	110.118	110.118
2108.000	75.5	1613.00	110.111	110.111	2109.000	75.5	1614.26	110.103	110.103
2110.000	75.5	1615.52	110.095	110.095	2111.000	75.5	1616.78	110.087	110.087
2112.000	75.5	1618.03	110.080	110.080	2113.000	75.5	1619.29	110.072	110.072
2114.000	75.5	1620.55	110.064	110.064	2115.000	75.5	1621.81	110.056	110.056
2116.000	75.5	1623.07	110.049	110.049	2117.000	75.5	1624.32	110.041	110.041
2118.000	75.5	1625.58	110.033	110.033	2119.000	75.5	1626.84	110.025	110.025
2120.000	75.5	1628.10	110.020	110.020	2121.000	75.5	1629.36	110.016	110.016
2122.000	75.5	1630.61	110.013	110.013	2123.000	75.5	1631.87	110.009	110.009
2124.000	75.5	1633.13	110.005	110.005	2125.000	75.5	1634.39	110.002	110.002
2126.000	75.5	1635.65	109.998	109.998	2127.000	75.5	1636.90	109.994	109.994
2128.000	75.5	1638.16	109.990	109.990	2129.000	75.5	1639.42	109.987	109.987
2130.000	75.5	1640.68	109.983	109.983	2131.000	75.5	1641.94	109.979	109.979
2132.000	75.5	1643.19	109.975	109.975	2133.000	75.5	1644.45	109.971	109.971
2134.000	75.5	1645.71	109.967	109.967	2135.000	75.5	1646.97	109.963	109.963
2136.000	75.5	1648.22	109.959	109.959	2137.000	75.5	1649.48	109.955	109.955
2138.000	75.5	1650.74	109.951	109.951	2139.000	75.5	1652.00	109.947	109.947
2140.000	75.5	1653.26	109.943	109.943	2141.000	75.5	1654.51	109.939	109.939
2142.000	75.5	1655.77	109.935	109.935	2143.000	75.5	1657.03	109.931	109.931
2144.000	75.5	1658.29	109.927	109.927	2145.000	75.5	1659.55	109.923	109.923
2146.000	75.5	1660.80	109.918	109.918	2147.000	75.5	1662.06	109.914	109.914
2148.000	75.5	1663.32	109.910	109.910	2149.000	75.5	1664.58	109.906	109.906

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
2150.000	75.5	1665.84	109.901	109.901	2151.000	75.5	1667.09	109.897	109.897
2152.000	75.5	1668.35	109.893	109.893	2153.000	75.5	1669.61	109.888	109.888
2154.000	75.5	1670.87	109.884	109.884	2155.000	75.5	1672.13	109.879	109.879
2156.000	75.5	1673.38	109.875	109.875	2157.000	75.5	1674.64	109.870	109.870
2158.000	75.5	1675.90	109.866	109.866	2159.000	75.5	1677.16	109.861	109.861
2160.000	75.5	1678.42	109.856	109.856	2161.000	75.5	1679.67	109.852	109.852
2162.000	75.5	1680.93	109.847	109.847	2163.000	75.5	1682.19	109.842	109.842
2164.000	75.5	1683.45	109.838	109.838	2165.000	75.5	1684.71	109.833	109.833
2166.000	75.5	1685.96	109.828	109.828	2167.000	75.5	1687.22	109.823	109.823
2168.000	75.5	1688.48	109.818	109.818	2169.000	75.5	1689.74	109.813	109.813
2170.000	75.5	1691.00	109.808	109.808	2171.000	75.5	1692.25	109.803	109.803
2172.000	75.5	1693.51	109.798	109.798	2173.000	75.5	1694.77	109.793	109.793
2174.000	75.5	1696.03	109.788	109.788	2175.000	75.5	1697.28	109.783	109.783
2176.000	75.5	1698.54	109.778	109.778	2177.000	75.5	1699.80	109.773	109.773
2178.000	75.5	1701.06	109.768	109.768	2179.000	75.5	1702.32	109.762	109.762
2180.000	75.5	1703.57	109.757	109.757	2181.000	75.5	1704.83	109.752	109.752
2182.000	75.5	1706.09	109.746	109.746	2183.000	75.5	1707.35	109.741	109.741
2184.000	75.5	1708.61	109.735	109.735	2185.000	75.5	1709.86	109.730	109.730
2186.000	75.5	1711.12	109.724	109.724	2187.000	75.5	1712.38	109.719	109.719
2188.000	75.5	1713.64	109.713	109.713	2189.000	75.5	1714.90	109.707	109.707
2190.000	75.5	1716.15	109.702	109.702	2191.000	75.5	1717.41	109.696	109.696
2192.000	75.5	1718.67	109.690	109.690	2193.000	75.5	1719.93	109.684	109.684
2194.000	75.5	1721.19	109.678	109.678	2195.000	75.5	1722.44	109.673	109.673
2196.000	75.5	1723.70	109.667	109.667	2197.000	75.5	1724.96	109.661	109.661
2198.000	75.5	1726.22	109.654	109.654	2199.000	75.5	1727.48	109.648	109.648
2200.000	75.5	1728.73	109.642	109.642	2201.000	75.5	1729.99	109.636	109.636
2202.000	75.5	1731.25	109.630	109.630	2203.000	75.5	1732.51	109.623	109.623
2204.000	75.5	1733.77	109.617	109.617	2205.000	75.5	1735.02	109.611	109.611
2206.000	75.5	1736.28	109.604	109.604	2207.000	75.5	1737.54	109.598	109.598
2208.000	75.5	1738.80	109.591	109.591	2209.000	75.5	1740.06	109.585	109.585
2210.000	75.5	1741.31	109.578	109.578	2211.000	75.5	1742.57	109.571	109.571
2212.000	75.5	1743.83	109.564	109.564	2213.000	75.5	1745.09	109.558	109.558
2214.000	75.5	1746.34	109.551	109.551	2215.000	75.5	1747.60	109.542	109.542
2216.000	75.5	1748.86	109.532	109.532	2217.000	75.5	1750.12	109.522	109.522
2218.000	75.5	1751.38	109.512	109.512	2219.000	75.5	1752.63	109.501	109.501
2220.000	75.5	1753.89	109.490	109.490	2221.000	75.5	1755.15	109.479	109.479

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
2222.000	75.5	1756.41	109.468	109.468	2223.000	75.5	1757.67	109.456	109.456
2224.000	75.5	1758.92	109.444	109.444	2225.000	75.5	1760.18	109.432	109.432
2226.000	75.5	1761.44	109.420	109.420	2227.000	75.5	1762.70	109.408	109.408
2228.000	75.5	1763.96	109.395	109.395	2229.000	75.5	1765.21	109.382	109.382
2230.000	75.5	1766.47	109.369	109.369	2231.000	75.5	1767.73	109.356	109.356
2232.000	75.5	1768.99	109.342	109.342	2233.000	75.5	1770.25	109.328	109.328
2234.000	75.5	1771.50	109.314	109.314	2235.000	75.5	1772.76	109.300	109.300
2236.000	75.5	1774.02	109.285	109.285	2237.000	75.5	1775.28	109.271	109.271
2238.000	75.5	1776.54	109.255	109.255	2239.000	75.5	1777.79	109.240	109.240
2240.000	75.5	1779.05	109.224	109.224	2241.000	75.5	1780.31	109.208	109.208
2242.000	75.5	1781.57	109.192	109.192	2243.000	75.5	1782.83	109.175	109.175
2244.000	75.5	1784.08	109.158	109.158	2245.000	75.5	1785.34	109.140	109.140
2246.000	75.5	1786.60	109.123	109.123	2247.000	75.5	1787.86	109.104	109.104
2248.000	75.5	1789.12	109.086	109.086	2249.000	75.5	1790.37	109.067	109.067
2250.000	75.5	1791.63	109.048	109.048	2251.000	75.5	1792.89	109.028	109.028
2252.000	75.5	1794.15	109.008	109.008	2253.000	75.5	1795.41	108.988	108.988
2254.000	75.5	1796.66	108.977	108.977	2255.000	75.5	1797.92	108.965	108.965
2256.000	75.5	1799.18	108.953	108.953	2257.000	75.5	1800.44	108.941	108.941
2258.000	75.5	1801.69	108.929	108.929	2259.000	75.5	1802.95	108.917	108.917
2260.000	75.5	1804.21	108.904	108.904	2261.000	75.5	1805.47	108.892	108.892
2262.000	75.5	1806.73	108.879	108.879	2263.000	75.5	1807.98	108.867	108.867
2264.000	75.5	1809.24	108.854	108.854	2265.000	75.5	1810.50	108.841	108.841
2266.000	75.5	1811.76	108.829	108.829	2267.000	75.5	1813.02	108.816	108.816
2268.000	75.5	1814.27	108.802	108.802	2269.000	75.5	1815.53	108.789	108.789
2270.000	75.5	1816.79	108.776	108.776	2271.000	75.5	1818.05	108.763	108.763
2272.000	75.5	1819.31	108.749	108.749	2273.000	75.5	1820.56	108.736	108.736
2274.000	75.5	1821.82	108.722	108.722	2275.000	75.5	1823.08	108.708	108.708
2276.000	75.5	1824.34	108.694	108.694	2277.000	75.5	1825.60	108.680	108.680
2278.000	75.5	1826.85	108.665	108.665	2279.000	75.5	1828.11	108.650	108.650
2280.000	75.5	1829.37	108.636	108.636	2281.000	75.5	1830.63	108.621	108.621
2282.000	75.5	1831.89	108.606	108.606	2283.000	75.5	1833.14	108.591	108.591
2284.000	75.5	1834.40	108.576	108.576	2285.000	75.5	1835.66	108.560	108.560
2286.000	75.5	1836.92	108.545	108.545	2287.000	75.5	1838.18	108.529	108.529
2288.000	75.5	1839.43	108.513	108.513	2289.000	75.5	1840.69	108.498	108.498
2290.000	75.5	1841.95	108.482	108.482	2291.000	75.5	1843.21	108.466	108.466
2292.000	75.5	1844.47	108.449	108.449	2293.000	75.5	1845.72	108.433	108.433

Project: Clinton Flex Study  
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## DIV I Battery 1A 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
2294.000	75.5	1846.98	108.417	108.417	2295.000	75.5	1848.24	108.400	108.400
2296.000	75.5	1849.50	108.383	108.383	2297.000	75.5	1850.75	108.367	108.367
2298.000	75.5	1852.01	108.350	108.350	2299.000	75.5	1853.27	108.332	108.332
2300.000	75.5	1854.53	108.315	108.315	2301.000	75.5	1855.79	108.298	108.298
2302.000	75.5	1857.04	108.280	108.280	2303.000	75.5	1858.30	108.266	108.266
2304.000	75.5	1859.56	108.255	108.255	2305.000	75.5	1860.82	108.243	108.243
2306.000	75.5	1862.08	108.232	108.232	2307.000	75.5	1863.33	108.220	108.220
2308.000	75.5	1864.59	108.209	108.209	2309.000	75.5	1865.85	108.198	108.198
2310.000	75.5	1867.11	108.186	108.186	2311.000	75.5	1868.37	108.175	108.175
2312.000	75.5	1869.62	108.163	108.163	2313.000	75.5	1870.88	108.151	108.151
2314.000	75.5	1872.14	108.140	108.140	2315.000	75.5	1873.40	108.128	108.128
2316.000	75.5	1874.66	108.117	108.117	2317.000	75.5	1875.91	108.105	108.105
2318.000	75.5	1877.17	108.093	108.093	2319.000	75.5	1878.43	108.082	108.082
2320.000	75.5	1879.69	108.070	108.070	2321.000	75.5	1880.95	108.058	108.058
2322.000	75.5	1882.20	108.047	108.047	2323.000	75.5	1883.46	108.035	108.035
2324.000	75.5	1884.72	108.023	108.023	2325.000	75.5	1885.98	108.011	108.011
2326.000	75.5	1887.24	108.000	108.000	2327.000	75.5	1888.49	107.988	107.988
2328.000	75.5	1889.75	107.976	107.976	2329.000	75.5	1891.01	107.964	107.964
2330.000	75.5	1892.27	107.952	107.952	2331.000	75.5	1893.53	107.940	107.940
2332.000	75.5	1894.78	107.928	107.928	2333.000	75.5	1896.04	107.916	107.916
2334.000	75.5	1897.30	107.904	107.904	2335.000	75.5	1898.56	107.892	107.892
2336.000	75.5	1899.81	107.880	107.880	2337.000	75.5	1901.07	107.868	107.868
2338.000	75.5	1902.33	107.856	107.856	2339.000	75.5	1903.59	107.844	107.844
2340.000	75.5	1904.85	107.832	107.832	2341.000	75.5	1906.10	107.820	107.820
2342.000	75.5	1907.36	107.808	107.808	2343.000	75.5	1908.62	107.796	107.796
2344.000	75.5	1909.88	107.783	107.783	2345.000	75.5	1911.14	107.771	107.771
2346.000	75.5	1912.39	107.759	107.759	2347.000	75.5	1913.65	107.747	107.747
2348.000	75.5	1914.91	107.734	107.734	2349.000	75.5	1916.17	107.722	107.722
2350.000	75.5	1917.43	107.710	107.710	2351.000	75.5	1918.68	107.697	107.697
2352.000	75.5	1919.94	107.685	107.685	2353.000	75.5	1921.20	107.673	107.673
2354.000	75.5	1922.46	107.660	107.660	2355.000	75.5	1923.72	107.648	107.648
2356.000	75.5	1924.97	107.635	107.635	2357.000	75.5	1926.23	107.623	107.623
2358.000	75.5	1927.49	107.610	107.610	2359.000	75.5	1928.75	107.598	107.598
2360.000	75.5	1930.01	107.584	107.584	2361.000	75.5	1931.26	107.569	107.569
2362.000	75.5	1932.52	107.554	107.554	2363.000	75.5	1933.78	107.539	107.539
2364.000	75.5	1935.04	107.523	107.523	2365.000	75.5	1936.30	107.508	107.508

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DIV 1 Battery 1A 48-Hour Coping Study

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Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
2366.000	75.5	1937.55	107.492	107.492	2367.000	75.5	1938.81	107.477	107.477
2368.000	75.5	1940.07	107.461	107.461	2369.000	75.5	1941.33	107.446	107.446
2370.000	75.5	1942.59	107.430	107.430	2371.000	75.5	1943.84	107.414	107.414
2372.000	75.5	1945.10	107.398	107.398	2373.000	75.5	1946.36	107.382	107.382
2374.000	75.5	1947.62	107.366	107.366	2375.000	75.5	1948.87	107.350	107.350
2376.000	75.5	1950.13	107.334	107.334	2377.000	75.5	1951.39	107.318	107.318
2378.000	75.5	1952.65	107.300	107.300	2379.000	75.5	1953.91	107.286	107.286
2380.000	75.5	1955.16	107.271	107.271	2381.000	75.5	1956.42	107.255	107.255
2382.000	75.5	1957.68	107.239	107.239	2383.000	75.5	1958.94	107.222	107.222
2384.000	75.5	1960.20	107.206	107.206	2385.000	75.5	1961.45	107.189	107.189
2386.000	75.5	1962.71	107.172	107.172	2387.000	75.5	1963.97	107.155	107.155
2388.000	75.5	1965.23	107.138	107.138	2389.000	75.5	1966.49	107.120	107.120
2390.000	75.5	1967.74	107.102	107.102	2391.000	75.5	1969.00	107.084	107.084
2392.000	75.5	1970.26	107.066	107.066	2393.000	75.5	1971.52	107.047	107.047
2394.000	75.5	1972.78	107.028	107.028	2395.000	75.5	1974.03	107.009	107.009
2396.000	75.5	1975.29	106.990	106.990	2397.000	75.5	1976.55	106.970	106.970
2398.000	75.5	1977.81	106.950	106.950	2399.000	75.5	1979.07	106.930	106.930
2400.000	75.5	1980.32	106.910	106.910	2401.000	75.5	1981.58	106.889	106.889
2402.000	75.5	1982.84	106.868	106.868	2403.000	75.5	1984.10	106.847	106.847
2403.333	0.0	1984.52	106.839	119.654					

\* This voltage result was obtained using extrapolated battery data.

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

**Bus Voltage Tabulation During Battery Discharge**

**BATT 1A BUS2**

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
0.000	119.654	112.674	0.017	112.674	114.136	1.000	114.139	114.244	2.000	114.247	114.247
3.000	114.250	114.250	4.000	114.253	114.253	5.000	114.256	114.256	6.000	114.259	114.259
7.000	114.264	114.264	8.000	114.268	114.268	9.000	114.273	114.273	10.000	114.277	114.277
11.000	114.282	114.282	12.000	114.287	114.287	13.000	114.291	114.291	14.000	114.296	114.296
15.000	114.301	114.301	16.000	114.305	114.305	17.000	114.310	114.310	18.000	114.315	114.315
19.000	114.320	114.320	20.000	114.324	114.324	21.000	114.329	114.329	22.000	114.334	114.334
23.000	114.339	114.339	24.000	114.344	114.344	25.000	114.349	114.349	26.000	114.354	114.354
27.000	114.359	114.359	28.000	114.364	114.364	29.000	114.370	114.370	30.000	114.375	114.375
31.000	114.380	114.380	32.000	114.385	114.385	33.000	114.390	114.390	34.000	114.396	114.396
35.000	114.401	114.401	36.000	114.406	114.406	37.000	114.412	114.412	38.000	114.417	114.417
39.000	114.423	114.423	40.000	114.428	114.428	41.000	114.434	114.434	42.000	114.440	114.440
43.000	114.445	114.445	44.000	114.451	114.451	45.000	114.457	114.457	46.000	114.462	114.462
47.000	114.468	114.468	48.000	114.474	114.474	49.000	114.480	114.480	50.000	114.486	114.486
51.000	114.492	114.492	52.000	114.498	114.498	53.000	114.504	114.504	54.000	114.510	114.510
55.000	114.516	114.516	56.000	114.522	114.522	57.000	114.528	114.528	58.000	114.535	114.535
59.000	114.541	114.541	60.000	114.547	115.420	61.000	115.421	115.421	62.000	115.422	115.422
63.000	115.423	115.423	64.000	115.425	115.425	65.000	115.426	115.426	66.000	115.427	115.427
67.000	115.428	115.428	68.000	115.430	115.430	69.000	115.431	115.431	70.000	115.432	115.432
71.000	115.433	115.433	72.000	115.435	115.435	73.000	115.436	115.436	74.000	115.437	115.437
75.000	115.438	115.438	76.000	115.440	115.440	77.000	115.441	115.441	78.000	115.442	115.442
79.000	115.444	115.444	80.000	115.445	115.445	81.000	115.446	115.446	82.000	115.447	115.447
83.000	115.449	115.449	84.000	115.450	115.450	85.000	115.451	115.451	86.000	115.453	115.453
87.000	115.454	115.454	88.000	115.455	115.455	89.000	115.456	115.456	90.000	115.458	115.458
91.000	115.459	115.459	92.000	115.460	115.460	93.000	115.462	115.462	94.000	115.463	115.463
95.000	115.464	115.464	96.000	115.465	115.465	97.000	115.465	115.465	98.000	115.466	115.466
99.000	115.467	115.467	100.000	115.467	115.467	101.000	115.468	115.468	102.000	115.468	115.468
103.000	115.469	115.469	104.000	115.470	115.470	105.000	115.470	115.470	106.000	115.471	115.471
107.000	115.471	115.471	108.000	115.472	115.472	109.000	115.473	115.473	110.000	115.473	115.473
111.000	115.474	115.474	112.000	115.474	115.474	113.000	115.475	115.475	114.000	115.476	115.476
115.000	115.476	115.476	116.000	115.477	115.477	117.000	115.477	115.477	118.000	115.478	115.478
119.000	115.479	115.479	120.000	115.479	115.479	121.000	115.480	115.480	122.000	115.481	115.481
123.000	115.481	115.481	124.000	115.482	115.482	125.000	115.482	115.482	126.000	115.483	115.483
127.000	115.484	115.484	128.000	115.484	115.484	129.000	115.485	115.485	130.000	115.485	115.485
131.000	115.486	115.486	132.000	115.487	115.487	133.000	115.487	115.487	134.000	115.488	115.488

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
135.000	115.488	115.488	136.000	115.489	115.489	137.000	115.490	115.490	138.000	115.490	115.490
139.000	115.491	115.491	140.000	115.492	115.492	141.000	115.492	115.492	142.000	115.493	115.493
143.000	115.493	115.493	144.000	115.494	115.494	145.000	115.495	115.495	146.000	115.495	115.495
147.000	115.496	115.496	148.000	115.497	115.497	149.000	115.497	115.497	150.000	115.498	115.498
151.000	115.498	115.498	152.000	115.499	115.499	153.000	115.500	115.500	154.000	115.500	115.500
155.000	115.501	115.501	156.000	115.501	115.501	157.000	115.502	115.502	158.000	115.503	115.503
159.000	115.503	115.503	160.000	115.504	115.504	161.000	115.505	115.505	162.000	115.505	115.505
163.000	115.506	115.506	164.000	115.507	115.507	165.000	115.507	115.507	166.000	115.508	115.508
167.000	115.508	115.508	168.000	115.508	115.508	169.000	115.508	115.508	170.000	115.508	115.508
171.000	115.507	115.507	172.000	115.507	115.507	173.000	115.507	115.507	174.000	115.507	115.507
175.000	115.507	115.507	176.000	115.507	115.507	177.000	115.507	115.507	178.000	115.507	115.507
179.000	115.507	115.507	180.000	115.507	115.507	181.000	115.507	115.507	182.000	115.507	115.507
183.000	115.507	115.507	184.000	115.507	115.507	185.000	115.507	115.507	186.000	115.507	115.507
187.000	115.507	115.507	188.000	115.507	115.507	189.000	115.507	115.507	190.000	115.507	115.507
191.000	115.507	115.507	192.000	115.507	115.507	193.000	115.507	115.507	194.000	115.506	115.506
195.000	115.506	115.506	196.000	115.506	115.506	197.000	115.506	115.506	198.000	115.506	115.506
199.000	115.506	115.506	200.000	115.506	115.506	201.000	115.506	115.506	202.000	115.506	115.506
203.000	115.506	115.506	204.000	115.506	115.506	205.000	115.506	115.506	206.000	115.506	115.506
207.000	115.506	115.506	208.000	115.506	115.506	209.000	115.506	115.506	210.000	115.506	115.506
211.000	115.506	115.506	212.000	115.506	115.506	213.000	115.506	115.506	214.000	115.506	115.506
215.000	115.506	115.506	216.000	115.506	115.506	217.000	115.505	115.505	218.000	115.505	115.505
219.000	115.505	115.505	220.000	115.505	115.505	221.000	115.505	115.505	222.000	115.505	115.505
223.000	115.505	115.505	224.000	115.505	115.505	225.000	115.505	115.505	226.000	115.505	115.505
227.000	115.505	115.505	228.000	115.505	115.505	229.000	115.505	115.505	230.000	115.505	115.505
231.000	115.505	115.505	232.000	115.505	115.505	233.000	115.505	115.505	234.000	115.505	115.505
235.000	115.505	115.505	236.000	115.505	115.505	237.000	115.505	115.505	238.000	115.505	115.505
239.000	115.504	115.504	240.000	115.504	115.504	241.000	115.504	115.504	242.000	115.504	115.504
243.000	115.504	115.504	244.000	115.504	115.504	245.000	115.504	115.504	246.000	115.504	115.504
247.000	115.504	115.504	248.000	115.504	115.504	249.000	115.504	115.504	250.000	115.504	115.504
251.000	115.504	115.504	252.000	115.504	115.504	253.000	115.504	115.504	254.000	115.504	115.504
255.000	115.504	115.504	256.000	115.504	115.504	257.000	115.504	115.504	258.000	115.504	115.504
259.000	115.504	115.504	260.000	115.504	115.504	261.000	115.504	115.504	262.000	115.503	115.503
263.000	115.503	115.503	264.000	115.503	115.503	265.000	115.503	115.503	266.000	115.503	115.503
267.000	115.503	115.503	268.000	115.503	115.503	269.000	115.503	115.503	270.000	115.503	115.503
271.000	115.503	115.503	272.000	115.503	115.503	273.000	115.503	115.503	274.000	115.503	115.503
275.000	115.503	115.503	276.000	115.503	115.503	277.000	115.503	115.503	278.000	115.503	115.503
279.000	115.503	115.503	280.000	115.503	115.503	281.000	115.503	115.503	282.000	115.503	115.503

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
283.000	115.503	115.503	284.000	115.503	115.503	285.000	115.502	115.502	286.000	115.502	115.502
287.000	115.502	115.502	288.000	115.502	115.502	289.000	115.502	115.502	290.000	115.502	115.502
291.000	115.502	115.502	292.000	115.502	115.502	293.000	115.502	115.502	294.000	115.502	115.502
295.000	115.502	115.502	296.000	115.502	115.502	297.000	115.502	115.502	298.000	115.502	115.502
299.000	115.502	115.502	300.000	115.502	115.502	301.000	115.502	115.502	302.000	115.502	115.502
303.000	115.502	115.502	304.000	115.502	115.502	305.000	115.502	115.502	306.000	115.502	115.502
307.000	115.502	115.502	308.000	115.501	115.501	309.000	115.501	115.501	310.000	115.501	115.501
311.000	115.501	115.501	312.000	115.501	115.501	313.000	115.501	115.501	314.000	115.501	115.501
315.000	115.501	115.501	316.000	115.501	115.501	317.000	115.501	115.501	318.000	115.501	115.501
319.000	115.501	115.501	320.000	115.501	115.501	321.000	115.501	115.501	322.000	115.501	115.501
323.000	115.501	115.501	324.000	115.501	115.501	325.000	115.501	115.501	326.000	115.501	115.501
327.000	115.501	115.501	328.000	115.501	115.501	329.000	115.501	115.501	330.000	115.500	115.500
331.000	115.500	115.500	332.000	115.500	115.500	333.000	115.500	115.500	334.000	115.500	115.500
335.000	115.500	115.500	336.000	115.500	115.500	337.000	115.500	115.500	338.000	115.500	115.500
339.000	115.500	115.500	340.000	115.500	115.500	341.000	115.500	115.500	342.000	115.500	115.500
343.000	115.500	115.500	344.000	115.500	115.500	345.000	115.500	115.500	346.000	115.500	115.500
347.000	115.500	115.500	348.000	115.500	115.500	349.000	115.500	115.500	350.000	115.500	115.500
351.000	115.500	115.500	352.000	115.500	115.500	353.000	115.499	115.499	354.000	115.499	115.499
355.000	115.499	115.499	356.000	115.499	115.499	357.000	115.499	115.499	358.000	115.499	115.499
359.000	115.499	115.499	360.000	115.499	115.499	361.000	115.499	115.499	362.000	115.499	115.499
363.000	115.499	115.499	364.000	115.499	115.499	365.000	115.499	115.499	366.000	115.499	115.499
367.000	115.499	115.499	368.000	115.499	115.499	369.000	115.499	115.499	370.000	115.499	115.499
371.000	115.499	115.499	372.000	115.499	115.499	373.000	115.499	115.499	374.000	115.499	115.499
375.000	115.498	115.498	376.000	115.498	115.498	377.000	115.498	115.498	378.000	115.498	115.498
379.000	115.498	115.498	380.000	115.498	115.498	381.000	115.498	115.498	382.000	115.498	115.498
383.000	115.498	115.498	384.000	115.498	115.498	385.000	115.498	115.498	386.000	115.498	115.498
387.000	115.498	115.498	388.000	115.498	115.498	389.000	115.498	115.498	390.000	115.498	115.498
391.000	115.498	115.498	392.000	115.498	115.498	393.000	115.498	115.498	394.000	115.498	115.498
395.000	115.498	115.498	396.000	115.498	115.498	397.000	115.497	115.497	398.000	115.497	115.497
399.000	115.497	115.497	400.000	115.497	115.497	401.000	115.497	115.497	402.000	115.497	115.497
403.000	115.497	115.497	404.000	115.497	115.497	405.000	115.497	115.497	406.000	115.497	115.497
407.000	115.497	115.497	408.000	115.497	115.497	409.000	115.497	115.497	410.000	115.497	115.497
411.000	115.497	115.497	412.000	115.497	115.497	413.000	115.497	115.497	414.000	115.497	115.497
415.000	115.497	115.497	416.000	115.497	115.497	417.000	115.497	115.497	418.000	115.497	115.497
419.000	115.497	115.497	420.000	115.496	115.496	421.000	115.496	115.496	422.000	115.496	115.496
423.000	115.496	115.496	424.000	115.496	115.496	425.000	115.496	115.496	426.000	115.496	115.496
427.000	115.496	115.496	428.000	115.496	115.496	429.000	115.496	115.496	430.000	115.496	115.496

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

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BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
431.000	115.496	115.496	432.000	115.496	115.496	433.000	115.496	115.496	434.000	115.496	115.496
435.000	115.496	115.496	436.000	115.496	115.496	437.000	115.496	115.496	438.000	115.496	115.496
439.000	115.496	115.496	440.000	115.496	115.496	441.000	115.496	115.496	442.000	115.495	115.495
443.000	115.495	115.495	444.000	115.495	115.495	445.000	115.495	115.495	446.000	115.495	115.495
447.000	115.495	115.495	448.000	115.495	115.495	449.000	115.495	115.495	450.000	115.495	115.495
451.000	115.495	115.495	452.000	115.495	115.495	453.000	115.495	115.495	454.000	115.495	115.495
455.000	115.495	115.495	456.000	115.495	115.495	457.000	115.495	115.495	458.000	115.495	115.495
459.000	115.495	115.495	460.000	115.495	115.495	461.000	115.495	115.495	462.000	115.495	115.495
463.000	115.495	115.495	464.000	115.494	115.494	465.000	115.494	115.494	466.000	115.494	115.494
467.000	115.494	115.494	468.000	115.494	115.494	469.000	115.494	115.494	470.000	115.494	115.494
471.000	115.494	115.494	472.000	115.494	115.494	473.000	115.494	115.494	474.000	115.494	115.494
475.000	115.494	115.494	476.000	115.494	115.494	477.000	115.494	115.494	478.000	115.494	115.494
479.000	115.494	115.494	480.000	115.494	115.494	481.000	115.494	115.494	482.000	115.494	115.494
483.000	115.494	115.494	484.000	115.494	115.494	485.000	115.494	115.494	486.000	115.493	115.493
487.000	115.493	115.493	488.000	115.493	115.493	489.000	115.493	115.493	490.000	115.493	115.493
491.000	115.493	115.493	492.000	115.493	115.493	493.000	115.493	115.493	494.000	115.493	115.493
495.000	115.493	115.493	496.000	115.493	115.493	497.000	115.493	115.493	498.000	115.493	115.493
499.000	115.493	115.493	500.000	115.493	115.493	501.000	115.493	115.493	502.000	115.493	115.493
503.000	115.493	115.493	504.000	115.493	115.493	505.000	115.493	115.493	506.000	115.493	115.493
507.000	115.492	115.492	508.000	115.492	115.492	509.000	115.492	115.492	510.000	115.492	115.492
511.000	115.492	115.492	512.000	115.492	115.492	513.000	115.492	115.492	514.000	115.492	115.492
515.000	115.492	115.492	516.000	115.492	115.492	517.000	115.492	115.492	518.000	115.492	115.492
519.000	115.492	115.492	520.000	115.492	115.492	521.000	115.492	115.492	522.000	115.492	115.492
523.000	115.492	115.492	524.000	115.492	115.492	525.000	115.492	115.492	526.000	115.492	115.492
527.000	115.492	115.492	528.000	115.492	115.492	529.000	115.491	115.491	530.000	115.491	115.491
531.000	115.491	115.491	532.000	115.491	115.491	533.000	115.491	115.491	534.000	115.491	115.491
535.000	115.491	115.491	536.000	115.491	115.491	537.000	115.491	115.491	538.000	115.491	115.491
539.000	115.491	115.491	540.000	115.491	115.491	541.000	115.491	115.491	542.000	115.491	115.491
543.000	115.491	115.491	544.000	115.491	115.491	545.000	115.491	115.491	546.000	115.491	115.491
547.000	115.491	115.491	548.000	115.491	115.491	549.000	115.491	115.491	550.000	115.491	115.491
551.000	115.490	115.490	552.000	115.490	115.490	553.000	115.490	115.490	554.000	115.490	115.490
555.000	115.490	115.490	556.000	115.490	115.490	557.000	115.490	115.490	558.000	115.490	115.490
559.000	115.490	115.490	560.000	115.490	115.490	561.000	115.490	115.490	562.000	115.490	115.490
563.000	115.490	115.490	564.000	115.490	115.490	565.000	115.490	115.490	566.000	115.490	115.490
567.000	115.490	115.490	568.000	115.490	115.490	569.000	115.490	115.490	570.000	115.490	115.490
571.000	115.490	115.490	572.000	115.489	115.489	573.000	115.489	115.489	574.000	115.489	115.489
575.000	115.489	115.489	576.000	115.489	115.489	577.000	115.489	115.489	578.000	115.489	115.489

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
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Revision: Base  
Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
579.000	115.489	115.489	580.000	115.489	115.489	581.000	115.489	115.489	582.000	115.489	115.489
583.000	115.489	115.489	584.000	115.489	115.489	585.000	115.489	115.489	586.000	115.489	115.489
587.000	115.489	115.489	588.000	115.489	115.489	589.000	115.489	115.489	590.000	115.489	115.489
591.000	115.489	115.489	592.000	115.489	115.489	593.000	115.489	115.489	594.000	115.488	115.488
595.000	115.488	115.488	596.000	115.488	115.488	597.000	115.488	115.488	598.000	115.488	115.488
599.000	115.488	115.488	600.000	115.488	115.488	601.000	115.488	115.488	602.000	115.488	115.488
603.000	115.488	115.488	604.000	115.488	115.488	605.000	115.488	115.488	606.000	115.488	115.488
607.000	115.488	115.488	608.000	115.488	115.488	609.000	115.488	115.488	610.000	115.488	115.488
611.000	115.488	115.488	612.000	115.488	115.488	613.000	115.488	115.488	614.000	115.488	115.488
615.000	115.487	115.487	616.000	115.487	115.487	617.000	115.487	115.487	618.000	115.487	115.487
619.000	115.487	115.487	620.000	115.487	115.487	621.000	115.487	115.487	622.000	115.487	115.487
623.000	115.487	115.487	624.000	115.487	115.487	625.000	115.487	115.487	626.000	115.487	115.487
627.000	115.487	115.487	628.000	115.487	115.487	629.000	115.487	115.487	630.000	115.487	115.487
631.000	115.487	115.487	632.000	115.487	115.487	633.000	115.487	115.487	634.000	115.487	115.487
635.000	115.487	115.487	636.000	115.487	115.487	637.000	115.486	115.486	638.000	115.486	115.486
639.000	115.486	115.486	640.000	115.486	115.486	641.000	115.486	115.486	642.000	115.486	115.486
643.000	115.486	115.486	644.000	115.486	115.486	645.000	115.486	115.486	646.000	115.486	115.486
647.000	115.486	115.486	648.000	115.486	115.486	649.000	115.486	115.486	650.000	115.486	115.486
651.000	115.486	115.486	652.000	115.486	115.486	653.000	115.486	115.486	654.000	115.486	115.486
655.000	115.486	115.486	656.000	115.486	115.486	657.000	115.486	115.486	658.000	115.485	115.485
659.000	115.485	115.485	660.000	115.485	115.485	661.000	115.485	115.485	662.000	115.485	115.485
663.000	115.485	115.485	664.000	115.485	115.485	665.000	115.485	115.485	666.000	115.485	115.485
667.000	115.485	115.485	668.000	115.485	115.485	669.000	115.485	115.485	670.000	115.485	115.485
671.000	115.485	115.485	672.000	115.485	115.485	673.000	115.485	115.485	674.000	115.485	115.485
675.000	115.485	115.485	676.000	115.485	115.485	677.000	115.485	115.485	678.000	115.485	115.485
679.000	115.484	115.484	680.000	115.484	115.484	681.000	115.484	115.484	682.000	115.484	115.484
683.000	115.484	115.484	684.000	115.484	115.484	685.000	115.484	115.484	686.000	115.484	115.484
687.000	115.484	115.484	688.000	115.484	115.484	689.000	115.484	115.484	690.000	115.484	115.484
691.000	115.484	115.484	692.000	115.484	115.484	693.000	115.484	115.484	694.000	115.484	115.484
695.000	115.484	115.484	696.000	115.484	115.484	697.000	115.484	115.484	698.000	115.484	115.484
699.000	115.484	115.484	700.000	115.484	115.484	701.000	115.483	115.483	702.000	115.483	115.483
703.000	115.483	115.483	704.000	115.483	115.483	705.000	115.483	115.483	706.000	115.483	115.483
707.000	115.483	115.483	708.000	115.483	115.483	709.000	115.483	115.483	710.000	115.483	115.483
711.000	115.483	115.483	712.000	115.483	115.483	713.000	115.483	115.483	714.000	115.483	115.483
715.000	115.483	115.483	716.000	115.483	115.483	717.000	115.483	115.483	718.000	115.483	115.483
719.000	115.483	115.483	720.000	115.483	115.483	721.000	115.483	115.483	722.000	115.482	115.482
723.000	115.482	115.482	724.000	115.482	115.482	725.000	115.482	115.482	726.000	115.482	115.482

Project: Clinton Flex Study  
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Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
727.000	115.482	115.482	728.000	115.482	115.482	729.000	115.482	115.482	730.000	115.482	115.482
731.000	115.482	115.482	732.000	115.482	115.482	733.000	115.482	115.482	734.000	115.482	115.482
735.000	115.482	115.482	736.000	115.482	115.482	737.000	115.482	115.482	738.000	115.482	115.482
739.000	115.482	115.482	740.000	115.482	115.482	741.000	115.482	115.482	742.000	115.482	115.482
743.000	115.481	115.481	744.000	115.481	115.481	745.000	115.481	115.481	746.000	115.481	115.481
747.000	115.481	115.481	748.000	115.481	115.481	749.000	115.481	115.481	750.000	115.481	115.481
751.000	115.481	115.481	752.000	115.481	115.481	753.000	115.481	115.481	754.000	115.481	115.481
755.000	115.481	115.481	756.000	115.481	115.481	757.000	115.481	115.481	758.000	115.481	115.481
759.000	115.481	115.481	760.000	115.481	115.481	761.000	115.481	115.481	762.000	115.481	115.481
763.000	115.480	115.480	764.000	115.480	115.480	765.000	115.480	115.480	766.000	115.480	115.480
767.000	115.480	115.480	768.000	115.480	115.480	769.000	115.480	115.480	770.000	115.480	115.480
771.000	115.480	115.480	772.000	115.480	115.480	773.000	115.480	115.480	774.000	115.480	115.480
775.000	115.480	115.480	776.000	115.480	115.480	777.000	115.480	115.480	778.000	115.480	115.480
779.000	115.480	115.480	780.000	115.480	115.480	781.000	115.480	115.480	782.000	115.480	115.480
783.000	115.480	115.480	784.000	115.479	115.479	785.000	115.479	115.479	786.000	115.479	115.479
787.000	115.479	115.479	788.000	115.479	115.479	789.000	115.479	115.479	790.000	115.479	115.479
791.000	115.479	115.479	792.000	115.479	115.479	793.000	115.479	115.479	794.000	115.479	115.479
795.000	115.479	115.479	796.000	115.479	115.479	797.000	115.479	115.479	798.000	115.479	115.479
799.000	115.479	115.479	800.000	115.479	115.479	801.000	115.479	115.479	802.000	115.479	115.479
803.000	115.479	115.479	804.000	115.479	115.479	805.000	115.478	115.478	806.000	115.478	115.478
807.000	115.478	115.478	808.000	115.478	115.478	809.000	115.478	115.478	810.000	115.478	115.478
811.000	115.478	115.478	812.000	115.478	115.478	813.000	115.478	115.478	814.000	115.478	115.478
815.000	115.478	115.478	816.000	115.478	115.478	817.000	115.478	115.478	818.000	115.478	115.478
819.000	115.478	115.478	820.000	115.478	115.478	821.000	115.478	115.478	822.000	115.478	115.478
823.000	115.478	115.478	824.000	115.478	115.478	825.000	115.478	115.478	826.000	115.477	115.477
827.000	115.477	115.477	828.000	115.477	115.477	829.000	115.477	115.477	830.000	115.477	115.477
831.000	115.477	115.477	832.000	115.477	115.477	833.000	115.477	115.477	834.000	115.477	115.477
835.000	115.477	115.477	836.000	115.477	115.477	837.000	115.477	115.477	838.000	115.477	115.477
839.000	115.477	115.477	840.000	115.477	115.477	841.000	115.477	115.477	842.000	115.477	115.477
843.000	115.477	115.477	844.000	115.477	115.477	845.000	115.477	115.477	846.000	115.476	115.476
847.000	115.476	115.476	848.000	115.476	115.476	849.000	115.476	115.476	850.000	115.476	115.476
851.000	115.476	115.476	852.000	115.476	115.476	853.000	115.476	115.476	854.000	115.476	115.476
855.000	115.476	115.476	856.000	115.476	115.476	857.000	115.476	115.476	858.000	115.476	115.476
859.000	115.476	115.476	860.000	115.476	115.476	861.000	115.476	115.476	862.000	115.476	115.476
863.000	115.476	115.476	864.000	115.476	115.476	865.000	115.476	115.476	866.000	115.476	115.476
867.000	115.475	115.475	868.000	115.475	115.475	869.000	115.475	115.475	870.000	115.475	115.475
871.000	115.475	115.475	872.000	115.475	115.475	873.000	115.475	115.475	874.000	115.475	115.475

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
875.000	115.475	115.475	876.000	115.475	115.475	877.000	115.475	115.475	878.000	115.475	115.475
879.000	115.475	115.475	880.000	115.475	115.475	881.000	115.475	115.475	882.000	115.475	115.475
883.000	115.475	115.475	884.000	115.475	115.475	885.000	115.475	115.475	886.000	115.475	115.475
887.000	115.474	115.474	888.000	115.474	115.474	889.000	115.474	115.474	890.000	115.474	115.474
891.000	115.474	115.474	892.000	115.474	115.474	893.000	115.474	115.474	894.000	115.474	115.474
895.000	115.474	115.474	896.000	115.474	115.474	897.000	115.474	115.474	898.000	115.474	115.474
899.000	115.474	115.474	900.000	115.474	115.474	901.000	115.474	115.474	902.000	115.474	115.474
903.000	115.474	115.474	904.000	115.474	115.474	905.000	115.474	115.474	906.000	115.474	115.474
907.000	115.473	115.473	908.000	115.473	115.473	909.000	115.473	115.473	910.000	115.473	115.473
911.000	115.473	115.473	912.000	115.473	115.473	913.000	115.473	115.473	914.000	115.473	115.473
915.000	115.473	115.473	916.000	115.473	115.473	917.000	115.473	115.473	918.000	115.473	115.473
919.000	115.473	115.473	920.000	115.473	115.473	921.000	115.473	115.473	922.000	115.473	115.473
923.000	115.473	115.473	924.000	115.473	115.473	925.000	115.473	115.473	926.000	115.473	115.473
927.000	115.473	115.473	928.000	115.472	115.472	929.000	115.472	115.472	930.000	115.472	115.472
931.000	115.472	115.472	932.000	115.472	115.472	933.000	115.472	115.472	934.000	115.472	115.472
935.000	115.472	115.472	936.000	115.472	115.472	937.000	115.472	115.472	938.000	115.472	115.472
939.000	115.472	115.472	940.000	115.472	115.472	941.000	115.472	115.472	942.000	115.472	115.472
943.000	115.472	115.472	944.000	115.472	115.472	945.000	115.472	115.472	946.000	115.472	115.472
947.000	115.472	115.472	948.000	115.471	115.471	949.000	115.471	115.471	950.000	115.471	115.471
951.000	115.471	115.471	952.000	115.471	115.471	953.000	115.471	115.471	954.000	115.471	115.471
955.000	115.471	115.471	956.000	115.471	115.471	957.000	115.471	115.471	958.000	115.471	115.471
959.000	115.471	115.471	960.000	115.471	115.471	961.000	115.471	115.471	962.000	115.471	115.471
963.000	115.471	115.471	964.000	115.471	115.471	965.000	115.471	115.471	966.000	115.471	115.471
967.000	115.471	115.471	968.000	115.470	115.470	969.000	115.470	115.470	970.000	115.470	115.470
971.000	115.470	115.470	972.000	115.470	115.470	973.000	115.470	115.470	974.000	115.470	115.470
975.000	115.470	115.470	976.000	115.470	115.470	977.000	115.470	115.470	978.000	115.470	115.470
979.000	115.470	115.470	980.000	115.470	115.470	981.000	115.470	115.470	982.000	115.470	115.470
983.000	115.470	115.470	984.000	115.470	115.470	985.000	115.470	115.470	986.000	115.470	115.470
987.000	115.470	115.470	988.000	115.469	115.469	989.000	115.469	115.469	990.000	115.469	115.469
991.000	115.469	115.469	992.000	115.469	115.469	993.000	115.469	115.469	994.000	115.469	115.469
995.000	115.469	115.469	996.000	115.469	115.469	997.000	115.469	115.469	998.000	115.469	115.469
999.000	115.469	115.469	1000.000	115.469	115.469	1001.000	115.469	115.469	1002.000	115.469	115.469
1003.000	115.469	115.469	1004.000	115.469	115.469	1005.000	115.469	115.469	1006.000	115.469	115.469
1007.000	115.469	115.469	1008.000	115.468	115.468	1009.000	115.468	115.468	1010.000	115.468	115.468
1011.000	115.468	115.468	1012.000	115.468	115.468	1013.000	115.468	115.468	1014.000	115.468	115.468
1015.000	115.468	115.468	1016.000	115.468	115.468	1017.000	115.468	115.468	1018.000	115.468	115.468
1019.000	115.468	115.468	1020.000	115.468	115.468	1021.000	115.468	115.468	1022.000	115.468	115.468

Project: Clinton Flex Study

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Engineer: Badar Hussain

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1023.000	115.466	115.466	1024.000	115.465	115.465	1025.000	115.463	115.463	1026.000	115.462	115.462
1027.000	115.461	115.461	1028.000	115.459	115.459	1029.000	115.458	115.458	1030.000	115.457	115.457
1031.000	115.455	115.455	1032.000	115.454	115.454	1033.000	115.452	115.452	1034.000	115.451	115.451
1035.000	115.450	115.450	1036.000	115.448	115.448	1037.000	115.447	115.447	1038.000	115.446	115.446
1039.000	115.444	115.444	1040.000	115.443	115.443	1041.000	115.441	115.441	1042.000	115.440	115.440
1043.000	115.439	115.439	1044.000	115.437	115.437	1045.000	115.436	115.436	1046.000	115.435	115.435
1047.000	115.433	115.433	1048.000	115.432	115.432	1049.000	115.431	115.431	1050.000	115.429	115.429
1051.000	115.428	115.428	1052.000	115.426	115.426	1053.000	115.425	115.425	1054.000	115.424	115.424
1055.000	115.422	115.422	1056.000	115.421	115.421	1057.000	115.420	115.420	1058.000	115.418	115.418
1059.000	115.417	115.417	1060.000	115.415	115.415	1061.000	115.414	115.414	1062.000	115.413	115.413
1063.000	115.411	115.411	1064.000	115.410	115.410	1065.000	115.409	115.409	1066.000	115.407	115.407
1067.000	115.406	115.406	1068.000	115.405	115.405	1069.000	115.403	115.403	1070.000	115.402	115.402
1071.000	115.401	115.401	1072.000	115.399	115.399	1073.000	115.398	115.398	1074.000	115.396	115.396
1075.000	115.395	115.395	1076.000	115.394	115.394	1077.000	115.392	115.392	1078.000	115.391	115.391
1079.000	115.390	115.390	1080.000	115.388	115.388	1081.000	115.387	115.387	1082.000	115.386	115.386
1083.000	115.384	115.384	1084.000	115.383	115.383	1085.000	115.382	115.382	1086.000	115.380	115.380
1087.000	115.379	115.379	1088.000	115.377	115.377	1089.000	115.376	115.376	1090.000	115.375	115.375
1091.000	115.373	115.373	1092.000	115.372	115.372	1093.000	115.371	115.371	1094.000	115.369	115.369
1095.000	115.368	115.368	1096.000	115.367	115.367	1097.000	115.365	115.365	1098.000	115.364	115.364
1099.000	115.363	115.363	1100.000	115.361	115.361	1101.000	115.360	115.360	1102.000	115.359	115.359
1103.000	115.357	115.357	1104.000	115.356	115.356	1105.000	115.355	115.355	1106.000	115.353	115.353
1107.000	115.352	115.352	1108.000	115.351	115.351	1109.000	115.349	115.349	1110.000	115.348	115.348
1111.000	115.347	115.347	1112.000	115.345	115.345	1113.000	115.344	115.344	1114.000	115.343	115.343
1115.000	115.341	115.341	1116.000	115.340	115.340	1117.000	115.339	115.339	1118.000	115.337	115.337
1119.000	115.336	115.336	1120.000	115.334	115.334	1121.000	115.333	115.333	1122.000	115.332	115.332
1123.000	115.330	115.330	1124.000	115.329	115.329	1125.000	115.328	115.328	1126.000	115.326	115.326
1127.000	115.325	115.325	1128.000	115.324	115.324	1129.000	115.322	115.322	1130.000	115.321	115.321
1131.000	115.320	115.320	1132.000	115.318	115.318	1133.000	115.317	115.317	1134.000	115.316	115.316
1135.000	115.314	115.314	1136.000	115.313	115.313	1137.000	115.312	115.312	1138.000	115.310	115.310
1139.000	115.309	115.309	1140.000	115.308	115.308	1141.000	115.307	115.307	1142.000	115.305	115.305
1143.000	115.304	115.304	1144.000	115.303	115.303	1145.000	115.301	115.301	1146.000	115.300	115.300
1147.000	115.299	115.299	1148.000	115.297	115.297	1149.000	115.296	115.296	1150.000	115.295	115.295
1151.000	115.293	115.293	1152.000	115.292	115.292	1153.000	115.291	115.291	1154.000	115.290	115.290
1155.000	115.289	115.289	1156.000	115.288	115.288	1157.000	115.287	115.287	1158.000	115.286	115.286
1159.000	115.285	115.285	1160.000	115.284	115.284	1161.000	115.283	115.283	1162.000	115.282	115.282
1163.000	115.281	115.281	1164.000	115.280	115.280	1165.000	115.279	115.279	1166.000	115.278	115.278
1167.000	115.277	115.277	1168.000	115.276	115.276	1169.000	115.275	115.275	1170.000	115.274	115.274

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1171.000	115.274	115.274	1172.000	115.273	115.273	1173.000	115.272	115.272	1174.000	115.271	115.271
1175.000	115.270	115.270	1176.000	115.269	115.269	1177.000	115.268	115.268	1178.000	115.267	115.267
1179.000	115.266	115.266	1180.000	115.265	115.265	1181.000	115.264	115.264	1182.000	115.263	115.263
1183.000	115.262	115.262	1184.000	115.261	115.261	1185.000	115.260	115.260	1186.000	115.259	115.259
1187.000	115.258	115.258	1188.000	115.257	115.257	1189.000	115.256	115.256	1190.000	115.255	115.255
1191.000	115.254	115.254	1192.000	115.253	115.253	1193.000	115.252	115.252	1194.000	115.251	115.251
1195.000	115.250	115.250	1196.000	115.249	115.249	1197.000	115.248	115.248	1198.000	115.247	115.247
1199.000	115.246	115.246	1200.000	115.245	114.528	1200.133	114.527	113.273	1200.183	113.272	113.900
1200.250	113.899	111.831	1200.300	111.830	113.392	1200.750	113.386	113.892	1201.000	113.890	114.516
1202.000	114.510	114.510	1203.000	114.504	114.504	1204.000	114.499	114.499	1205.000	114.493	114.493
1206.000	114.487	114.487	1207.000	114.481	114.481	1208.000	114.475	114.475	1209.000	114.469	114.469
1210.000	114.463	114.463	1211.000	114.458	114.458	1212.000	114.452	114.452	1213.000	114.446	114.446
1214.000	114.440	114.440	1215.000	114.434	114.434	1216.000	114.428	114.428	1217.000	114.422	114.422
1218.000	114.417	114.417	1219.000	114.411	114.411	1220.000	114.405	114.405	1221.000	114.399	114.399
1222.000	114.393	114.393	1223.000	114.387	114.387	1224.000	114.381	114.381	1225.000	114.376	114.376
1226.000	114.370	114.370	1227.000	114.364	114.364	1228.000	114.358	114.358	1229.000	114.352	114.352
1230.000	114.346	114.346	1231.000	114.341	114.341	1232.000	114.335	114.335	1233.000	114.329	114.329
1234.000	114.323	114.323	1235.000	114.317	114.317	1236.000	114.311	114.311	1237.000	114.305	114.305
1238.000	114.300	114.300	1239.000	114.294	114.294	1240.000	114.288	114.288	1241.000	114.282	114.282
1242.000	114.276	114.276	1243.000	114.270	114.270	1244.000	114.264	114.264	1245.000	114.259	114.259
1246.000	114.253	114.253	1247.000	114.244	114.244	1248.000	114.232	114.232	1249.000	114.221	114.221
1250.000	114.209	114.209	1251.000	114.198	114.198	1252.000	114.186	114.186	1253.000	114.175	114.175
1254.000	114.164	114.164	1255.000	114.152	114.152	1256.000	114.141	114.141	1257.000	114.130	114.130
1258.000	114.119	114.119	1259.000	114.108	114.108	1260.000	114.096	114.096	1261.000	114.085	114.085
1262.000	114.074	114.074	1263.000	114.063	114.063	1264.000	114.052	114.052	1265.000	114.041	114.041
1266.000	114.030	114.030	1267.000	114.019	114.019	1268.000	114.008	114.008	1269.000	113.998	113.998
1270.000	113.987	113.987	1271.000	113.976	113.976	1272.000	113.965	113.965	1273.000	113.954	113.954
1274.000	113.944	113.944	1275.000	113.933	113.933	1276.000	113.922	113.922	1277.000	113.912	113.912
1278.000	113.901	113.901	1279.000	113.891	113.891	1280.000	113.880	113.880	1281.000	113.869	113.869
1282.000	113.859	113.859	1283.000	113.849	113.849	1284.000	113.841	113.841	1285.000	113.839	113.839
1286.000	113.837	113.837	1287.000	113.835	113.835	1288.000	113.833	113.833	1289.000	113.831	113.831
1290.000	113.829	113.829	1291.000	113.827	113.827	1292.000	113.825	113.825	1293.000	113.823	113.823
1294.000	113.821	113.821	1295.000	113.819	113.819	1296.000	113.817	113.817	1297.000	113.815	113.815
1298.000	113.813	113.813	1299.000	113.811	113.811	1300.000	113.808	113.808	1301.000	113.806	113.806
1302.000	113.804	113.804	1303.000	113.802	113.802	1304.000	113.800	113.800	1305.000	113.798	113.798
1306.000	113.796	113.796	1307.000	113.794	113.794	1308.000	113.792	113.792	1309.000	113.790	113.790
1310.000	113.788	113.788	1311.000	113.785	113.785	1312.000	113.783	113.783	1313.000	113.781	113.781

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1314.000	113.779	113.779	1315.000	113.777	113.777	1316.000	113.775	113.775	1317.000	113.773	113.773
1318.000	113.770	113.770	1319.000	113.768	113.768	1320.000	113.766	113.766	1321.000	113.764	113.764
1322.000	113.762	113.762	1323.000	113.760	113.760	1324.000	113.758	113.758	1325.000	113.755	113.755
1326.000	113.753	113.753	1327.000	113.751	113.751	1328.000	113.749	113.749	1329.000	113.747	113.747
1330.000	113.744	113.744	1331.000	113.742	113.742	1332.000	113.740	113.740	1333.000	113.738	113.738
1334.000	113.736	113.736	1335.000	113.733	113.733	1336.000	113.731	113.731	1337.000	113.729	113.729
1338.000	113.727	113.727	1339.000	113.724	113.724	1340.000	113.722	113.722	1341.000	113.720	113.720
1342.000	113.719	113.719	1343.000	113.719	113.719	1344.000	113.718	113.718	1345.000	113.717	113.717
1346.000	113.717	113.717	1347.000	113.716	113.716	1348.000	113.715	113.715	1349.000	113.715	113.715
1350.000	113.714	113.714	1351.000	113.713	113.713	1352.000	113.712	113.712	1353.000	113.712	113.712
1354.000	113.711	113.711	1355.000	113.710	113.710	1356.000	113.710	113.710	1357.000	113.709	113.709
1358.000	113.708	113.708	1359.000	113.707	113.707	1360.000	113.707	113.707	1361.000	113.706	113.706
1362.000	113.705	113.705	1363.000	113.705	113.705	1364.000	113.704	113.704	1365.000	113.703	113.703
1366.000	113.702	113.702	1367.000	113.702	113.702	1368.000	113.701	113.701	1369.000	113.700	113.700
1370.000	113.699	113.699	1371.000	113.699	113.699	1372.000	113.698	113.698	1373.000	113.697	113.697
1374.000	113.696	113.696	1375.000	113.696	113.696	1376.000	113.695	113.695	1377.000	113.694	113.694
1378.000	113.693	113.693	1379.000	113.693	113.693	1380.000	113.692	113.692	1381.000	113.691	113.691
1382.000	113.690	113.690	1383.000	113.690	113.690	1384.000	113.689	113.689	1385.000	113.688	113.688
1386.000	113.687	113.687	1387.000	113.686	113.686	1388.000	113.686	113.686	1389.000	113.685	113.685
1390.000	113.684	113.684	1391.000	113.683	113.683	1392.000	113.682	113.682	1393.000	113.681	113.681
1394.000	113.680	113.680	1395.000	113.679	113.679	1396.000	113.678	113.678	1397.000	113.677	113.677
1398.000	113.676	113.676	1399.000	113.675	113.675	1400.000	113.674	113.674	1401.000	113.673	113.673
1402.000	113.672	113.672	1403.000	113.671	113.671	1404.000	113.669	113.669	1405.000	113.668	113.668
1406.000	113.667	113.667	1407.000	113.666	113.666	1408.000	113.665	113.665	1409.000	113.664	113.664
1410.000	113.663	113.663	1411.000	113.662	113.662	1412.000	113.660	113.660	1413.000	113.659	113.659
1414.000	113.658	113.658	1415.000	113.657	113.657	1416.000	113.656	113.656	1417.000	113.655	113.655
1418.000	113.654	113.654	1419.000	113.652	113.652	1420.000	113.651	113.651	1421.000	113.650	113.650
1422.000	113.649	113.649	1423.000	113.648	113.648	1424.000	113.647	113.647	1425.000	113.646	113.646
1426.000	113.644	113.644	1427.000	113.643	113.643	1428.000	113.642	113.642	1429.000	113.641	113.641
1430.000	113.640	113.640	1431.000	113.639	113.639	1432.000	113.637	113.637	1433.000	113.636	113.636
1434.000	113.635	113.635	1435.000	113.634	113.634	1436.000	113.633	113.633	1437.000	113.631	113.631
1438.000	113.630	113.630	1439.000	113.629	113.629	1440.000	113.628	113.628	1441.000	113.627	113.627
1442.000	113.625	113.625	1443.000	113.624	113.624	1444.000	113.623	113.623	1445.000	113.622	113.622
1446.000	113.621	113.621	1447.000	113.619	113.619	1448.000	113.618	113.618	1449.000	113.617	113.617
1450.000	113.616	113.616	1451.000	113.614	113.614	1452.000	113.613	113.613	1453.000	113.612	113.612
1454.000	113.611	113.611	1455.000	113.609	113.609	1456.000	113.608	113.608	1457.000	113.607	113.607
1458.000	113.606	113.606	1459.000	113.604	113.604	1460.000	113.603	113.603	1461.000	113.602	113.602

Project: Clinton Flex Study  
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Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1462.000	113.601	113.601	1463.000	113.599	113.599	1464.000	113.598	113.598	1465.000	113.597	113.597
1466.000	113.595	113.595	1467.000	113.594	113.594	1468.000	113.593	113.593	1469.000	113.592	113.592
1470.000	113.590	113.590	1471.000	113.589	113.589	1472.000	113.588	113.588	1473.000	113.586	113.586
1474.000	113.585	113.585	1475.000	113.584	113.584	1476.000	113.583	113.583	1477.000	113.581	113.581
1478.000	113.580	113.580	1479.000	113.579	113.579	1480.000	113.577	113.577	1481.000	113.576	113.576
1482.000	113.575	113.575	1483.000	113.573	113.573	1484.000	113.572	113.572	1485.000	113.571	113.571
1486.000	113.569	113.569	1487.000	113.568	113.568	1488.000	113.567	113.567	1489.000	113.565	113.565
1490.000	113.564	113.564	1491.000	113.562	113.562	1492.000	113.561	113.561	1493.000	113.560	113.560
1494.000	113.558	113.558	1495.000	113.557	113.557	1496.000	113.556	113.556	1497.000	113.554	113.554
1498.000	113.553	113.553	1499.000	113.551	113.551	1500.000	113.550	113.550	1501.000	113.549	113.549
1502.000	113.547	113.547	1503.000	113.546	113.546	1504.000	113.544	113.544	1505.000	113.543	113.543
1506.000	113.538	113.538	1507.000	113.534	113.534	1508.000	113.529	113.529	1509.000	113.525	113.525
1510.000	113.520	113.520	1511.000	113.516	113.516	1512.000	113.511	113.511	1513.000	113.507	113.507
1514.000	113.502	113.502	1515.000	113.498	113.498	1516.000	113.493	113.493	1517.000	113.489	113.489
1518.000	113.484	113.484	1519.000	113.479	113.479	1520.000	113.475	113.475	1521.000	113.470	113.470
1522.000	113.466	113.466	1523.000	113.461	113.461	1524.000	113.457	113.457	1525.000	113.452	113.452
1526.000	113.448	113.448	1527.000	113.443	113.443	1528.000	113.438	113.438	1529.000	113.434	113.434
1530.000	113.429	113.429	1531.000	113.425	113.425	1532.000	113.420	113.420	1533.000	113.415	113.415
1534.000	113.411	113.411	1535.000	113.406	113.406	1536.000	113.402	113.402	1537.000	113.397	113.397
1538.000	113.392	113.392	1539.000	113.389	113.389	1540.000	113.385	113.385	1541.000	113.382	113.382
1542.000	113.378	113.378	1543.000	113.374	113.374	1544.000	113.371	113.371	1545.000	113.367	113.367
1546.000	113.363	113.363	1547.000	113.360	113.360	1548.000	113.356	113.356	1549.000	113.352	113.352
1550.000	113.348	113.348	1551.000	113.344	113.344	1552.000	113.340	113.340	1553.000	113.336	113.336
1554.000	113.332	113.332	1555.000	113.328	113.328	1556.000	113.324	113.324	1557.000	113.320	113.320
1558.000	113.316	113.316	1559.000	113.312	113.312	1560.000	113.307	113.307	1561.000	113.303	113.303
1562.000	113.299	113.299	1563.000	113.294	113.294	1564.000	113.290	113.290	1565.000	113.286	113.286
1566.000	113.281	113.281	1567.000	113.277	113.277	1568.000	113.272	113.272	1569.000	113.268	113.268
1570.000	113.263	113.263	1571.000	113.258	113.258	1572.000	113.254	113.254	1573.000	113.249	113.249
1574.000	113.244	113.244	1575.000	113.239	113.239	1576.000	113.234	113.234	1577.000	113.229	113.229
1578.000	113.224	113.224	1579.000	113.219	113.219	1580.000	113.214	113.214	1581.000	113.209	113.209
1582.000	113.204	113.204	1583.000	113.199	113.199	1584.000	113.193	113.193	1585.000	113.188	113.188
1586.000	113.183	113.183	1587.000	113.177	113.177	1588.000	113.173	113.173	1589.000	113.168	113.168
1590.000	113.163	113.163	1591.000	113.158	113.158	1592.000	113.153	113.153	1593.000	113.147	113.147
1594.000	113.142	113.142	1595.000	113.137	113.137	1596.000	113.132	113.132	1597.000	113.127	113.127
1598.000	113.122	113.122	1599.000	113.117	113.117	1600.000	113.112	113.112	1601.000	113.107	113.107
1602.000	113.102	113.102	1603.000	113.097	113.097	1604.000	113.091	113.091	1605.000	113.086	113.086
1606.000	113.081	113.081	1607.000	113.076	113.076	1608.000	113.071	113.071	1609.000	113.066	113.066

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1610.000	113.061	113.061	1611.000	113.056	113.056	1612.000	113.050	113.050	1613.000	113.045	113.045
1614.000	113.040	113.040	1615.000	113.035	113.035	1616.000	113.030	113.030	1617.000	113.025	113.025
1618.000	113.020	113.020	1619.000	113.015	113.015	1620.000	113.009	113.009	1621.000	113.004	113.004
1622.000	112.999	112.999	1623.000	112.994	112.994	1624.000	112.989	112.989	1625.000	112.984	112.984
1626.000	112.978	112.978	1627.000	112.973	112.973	1628.000	112.968	112.968	1629.000	112.963	112.963
1630.000	112.958	112.958	1631.000	112.953	112.953	1632.000	112.947	112.947	1633.000	112.942	112.942
1634.000	112.937	112.937	1635.000	112.932	112.932	1636.000	112.927	112.927	1637.000	112.921	112.921
1638.000	112.916	112.916	1639.000	112.911	112.911	1640.000	112.906	112.906	1641.000	112.901	112.901
1642.000	112.895	112.895	1643.000	112.892	112.892	1644.000	112.889	112.889	1645.000	112.886	112.886
1646.000	112.883	112.883	1647.000	112.880	112.880	1648.000	112.877	112.877	1649.000	112.874	112.874
1650.000	112.871	112.871	1651.000	112.868	112.868	1652.000	112.865	112.865	1653.000	112.862	112.862
1654.000	112.859	112.859	1655.000	112.856	112.856	1656.000	112.853	112.853	1657.000	112.850	112.850
1658.000	112.847	112.847	1659.000	112.844	112.844	1660.000	112.841	112.841	1661.000	112.838	112.838
1662.000	112.835	112.835	1663.000	112.832	112.832	1664.000	112.829	112.829	1665.000	112.826	112.826
1666.000	112.823	112.823	1667.000	112.819	112.819	1668.000	112.816	112.816	1669.000	112.813	112.813
1670.000	112.810	112.810	1671.000	112.807	112.807	1672.000	112.804	112.804	1673.000	112.801	112.801
1674.000	112.798	112.798	1675.000	112.795	112.795	1676.000	112.792	112.792	1677.000	112.789	112.789
1678.000	112.785	112.785	1679.000	112.782	112.782	1680.000	112.779	112.779	1681.000	112.776	112.776
1682.000	112.773	112.773	1683.000	112.770	112.770	1684.000	112.767	112.767	1685.000	112.764	112.764
1686.000	112.761	112.761	1687.000	112.757	112.757	1688.000	112.754	112.754	1689.000	112.751	112.751
1690.000	112.748	112.748	1691.000	112.745	112.745	1692.000	112.742	112.742	1693.000	112.738	112.738
1694.000	112.735	112.735	1695.000	112.732	112.732	1696.000	112.729	112.729	1697.000	112.726	112.726
1698.000	112.723	112.723	1699.000	112.719	112.719	1700.000	112.716	112.716	1701.000	112.713	112.713
1702.000	112.710	112.710	1703.000	112.706	112.706	1704.000	112.704	112.704	1705.000	112.701	112.701
1706.000	112.699	112.699	1707.000	112.696	112.696	1708.000	112.694	112.694	1709.000	112.692	112.692
1710.000	112.689	112.689	1711.000	112.687	112.687	1712.000	112.684	112.684	1713.000	112.682	112.682
1714.000	112.679	112.679	1715.000	112.677	112.677	1716.000	112.674	112.674	1717.000	112.672	112.672
1718.000	112.669	112.669	1719.000	112.667	112.667	1720.000	112.664	112.664	1721.000	112.662	112.662
1722.000	112.659	112.659	1723.000	112.657	112.657	1724.000	112.654	112.654	1725.000	112.652	112.652
1726.000	112.649	112.649	1727.000	112.647	112.647	1728.000	112.644	112.644	1729.000	112.641	112.641
1730.000	112.639	112.639	1731.000	112.636	112.636	1732.000	112.634	112.634	1733.000	112.631	112.631
1734.000	112.629	112.629	1735.000	112.626	112.626	1736.000	112.623	112.623	1737.000	112.621	112.621
1738.000	112.618	112.618	1739.000	112.615	112.615	1740.000	112.613	112.613	1741.000	112.610	112.610
1742.000	112.607	112.607	1743.000	112.605	112.605	1744.000	112.602	112.602	1745.000	112.599	112.599
1746.000	112.597	112.597	1747.000	112.594	112.594	1748.000	112.591	112.591	1749.000	112.589	112.589
1750.000	112.586	112.586	1751.000	112.583	112.583	1752.000	112.581	112.581	1753.000	112.578	112.578
1754.000	112.575	112.575	1755.000	112.572	112.572	1756.000	112.570	112.570	1757.000	112.567	112.567

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1758.000	112.564	112.564	1759.000	112.561	112.561	1760.000	112.558	112.558	1761.000	112.556	112.556
1762.000	112.553	112.553	1763.000	112.550	112.550	1764.000	112.547	112.547	1765.000	112.544	112.544
1766.000	112.540	112.540	1767.000	112.537	112.537	1768.000	112.533	112.533	1769.000	112.530	112.530
1770.000	112.526	112.526	1771.000	112.523	112.523	1772.000	112.519	112.519	1773.000	112.515	112.515
1774.000	112.512	112.512	1775.000	112.508	112.508	1776.000	112.505	112.505	1777.000	112.501	112.501
1778.000	112.497	112.497	1779.000	112.494	112.494	1780.000	112.490	112.490	1781.000	112.486	112.486
1782.000	112.483	112.483	1783.000	112.479	112.479	1784.000	112.475	112.475	1785.000	112.472	112.472
1786.000	112.468	112.468	1787.000	112.464	112.464	1788.000	112.461	112.461	1789.000	112.457	112.457
1790.000	112.453	112.453	1791.000	112.449	112.449	1792.000	112.446	112.446	1793.000	112.442	112.442
1794.000	112.438	112.438	1795.000	112.434	112.434	1796.000	112.431	112.431	1797.000	112.427	112.427
1798.000	112.423	112.423	1799.000	112.419	112.419	1800.000	112.415	112.415	1801.000	112.412	112.412
1802.000	112.408	112.408	1803.000	112.404	112.404	1804.000	112.400	112.400	1805.000	112.396	112.396
1806.000	112.392	112.392	1807.000	112.389	112.389	1808.000	112.385	112.385	1809.000	112.381	112.381
1810.000	112.377	112.377	1811.000	112.373	112.373	1812.000	112.369	112.369	1813.000	112.365	112.365
1814.000	112.361	112.361	1815.000	112.357	112.357	1816.000	112.353	112.353	1817.000	112.349	112.349
1818.000	112.345	112.345	1819.000	112.341	112.341	1820.000	112.337	112.337	1821.000	112.333	112.333
1822.000	112.329	112.329	1823.000	112.325	112.325	1824.000	112.321	112.321	1825.000	112.317	112.317
1826.000	112.313	112.313	1827.000	112.309	112.309	1828.000	112.305	112.305	1829.000	112.301	112.301
1830.000	112.297	112.297	1831.000	112.293	112.293	1832.000	112.289	112.289	1833.000	112.285	112.285
1834.000	112.281	112.281	1835.000	112.278	112.278	1836.000	112.274	112.274	1837.000	112.271	112.271
1838.000	112.268	112.268	1839.000	112.264	112.264	1840.000	112.261	112.261	1841.000	112.257	112.257
1842.000	112.254	112.254	1843.000	112.250	112.250	1844.000	112.246	112.246	1845.000	112.243	112.243
1846.000	112.239	112.239	1847.000	112.236	112.236	1848.000	112.232	112.232	1849.000	112.229	112.229
1850.000	112.225	112.225	1851.000	112.221	112.221	1852.000	112.218	112.218	1853.000	112.214	112.214
1854.000	112.210	112.210	1855.000	112.206	112.206	1856.000	112.202	112.202	1857.000	112.198	112.198
1858.000	112.193	112.193	1859.000	112.189	112.189	1860.000	112.185	112.185	1861.000	112.181	112.181
1862.000	112.176	112.176	1863.000	112.172	112.172	1864.000	112.168	112.168	1865.000	112.163	112.163
1866.000	112.159	112.159	1867.000	112.155	112.155	1868.000	112.150	112.150	1869.000	112.146	112.146
1870.000	112.142	112.142	1871.000	112.137	112.137	1872.000	112.133	112.133	1873.000	112.128	112.128
1874.000	112.124	112.124	1875.000	112.119	112.119	1876.000	112.115	112.115	1877.000	112.110	112.110
1878.000	112.105	112.105	1879.000	112.101	112.101	1880.000	112.096	112.096	1881.000	112.092	112.092
1882.000	112.087	112.087	1883.000	112.082	112.082	1884.000	112.078	112.078	1885.000	112.073	112.073
1886.000	112.068	112.068	1887.000	112.063	112.063	1888.000	112.059	112.059	1889.000	112.054	112.054
1890.000	112.049	112.049	1891.000	112.044	112.044	1892.000	112.039	112.039	1893.000	112.034	112.034
1894.000	112.029	112.029	1895.000	112.025	112.025	1896.000	112.020	112.020	1897.000	112.015	112.015
1898.000	112.011	112.011	1899.000	112.006	112.006	1900.000	112.001	112.001	1901.000	111.997	111.997
1902.000	111.992	111.992	1903.000	111.987	111.987	1904.000	111.982	111.982	1905.000	111.977	111.977

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1906.000	111.973	111.973	1907.000	111.968	111.968	1908.000	111.963	111.963	1909.000	111.958	111.958
1910.000	111.953	111.953	1911.000	111.948	111.948	1912.000	111.943	111.943	1913.000	111.938	111.938
1914.000	111.933	111.933	1915.000	111.928	111.928	1916.000	111.922	111.922	1917.000	111.917	111.917
1918.000	111.912	111.912	1919.000	111.907	111.907	1920.000	111.902	111.902	1921.000	111.896	111.896
1922.000	111.891	111.891	1923.000	111.886	111.886	1924.000	111.880	111.880	1925.000	111.875	111.875
1926.000	111.870	111.870	1927.000	111.864	111.864	1928.000	111.859	111.859	1929.000	111.853	111.853
1930.000	111.848	111.848	1931.000	111.842	111.842	1932.000	111.837	111.837	1933.000	111.831	111.831
1934.000	111.826	111.826	1935.000	111.820	111.820	1936.000	111.814	111.814	1937.000	111.808	111.808
1938.000	111.803	111.803	1939.000	111.797	111.797	1940.000	111.791	111.791	1941.000	111.785	111.785
1942.000	111.779	111.779	1943.000	111.773	111.773	1944.000	111.768	111.768	1945.000	111.762	111.762
1946.000	111.756	111.756	1947.000	111.749	111.749	1948.000	111.743	111.743	1949.000	111.737	111.737
1950.000	111.731	111.731	1951.000	111.725	111.725	1952.000	111.719	111.719	1953.000	111.713	111.713
1954.000	111.706	111.706	1955.000	111.700	111.700	1956.000	111.694	111.694	1957.000	111.687	111.687
1958.000	111.681	111.681	1959.000	111.674	111.674	1960.000	111.668	111.668	1961.000	111.661	111.661
1962.000	111.655	111.655	1963.000	111.648	111.648	1964.000	111.641	111.641	1965.000	111.635	111.635
1966.000	111.628	111.628	1967.000	111.621	111.621	1968.000	111.614	111.614	1969.000	111.607	111.607
1970.000	111.601	111.601	1971.000	111.593	111.593	1972.000	111.583	111.583	1973.000	111.574	111.574
1974.000	111.565	111.565	1975.000	111.556	111.556	1976.000	111.546	111.546	1977.000	111.537	111.537
1978.000	111.527	111.527	1979.000	111.517	111.517	1980.000	111.507	111.507	1981.000	111.498	111.498
1982.000	111.488	111.488	1983.000	111.477	111.477	1984.000	111.467	111.467	1985.000	111.457	111.457
1986.000	111.447	111.447	1987.000	111.436	111.436	1988.000	111.426	111.426	1989.000	111.415	111.415
1990.000	111.404	111.404	1991.000	111.393	111.393	1992.000	111.382	111.382	1993.000	111.371	111.371
1994.000	111.360	111.360	1995.000	111.349	111.349	1996.000	111.337	111.337	1997.000	111.326	111.326
1998.000	111.314	111.314	1999.000	111.303	111.303	2000.000	111.291	111.291	2001.000	111.279	111.279
2002.000	111.267	111.267	2003.000	111.254	111.254	2004.000	111.242	111.242	2005.000	111.230	111.230
2006.000	111.217	111.217	2007.000	111.204	111.204	2008.000	111.191	111.191	2009.000	111.178	111.178
2010.000	111.165	111.165	2011.000	111.152	111.152	2012.000	111.138	111.138	2013.000	111.125	111.125
2014.000	111.111	111.111	2015.000	111.097	111.097	2016.000	111.083	111.083	2017.000	111.069	111.069
2018.000	111.055	111.055	2019.000	111.040	111.040	2020.000	111.026	111.026	2021.000	111.011	111.011
2022.000	110.996	110.996	2023.000	110.981	110.981	2024.000	110.966	110.966	2025.000	110.958	110.958
2026.000	110.949	110.949	2027.000	110.941	110.941	2028.000	110.933	110.933	2029.000	110.924	110.924
2030.000	110.916	110.916	2031.000	110.907	110.907	2032.000	110.899	110.899	2033.000	110.890	110.890
2034.000	110.881	110.881	2035.000	110.873	110.873	2036.000	110.864	110.864	2037.000	110.855	110.855
2038.000	110.846	110.846	2039.000	110.838	110.838	2040.000	110.829	110.829	2041.000	110.820	110.820
2042.000	110.811	110.811	2043.000	110.802	110.802	2044.000	110.793	110.793	2045.000	110.783	110.783
2046.000	110.774	110.774	2047.000	110.765	110.765	2048.000	110.756	110.756	2049.000	110.747	110.747
2050.000	110.737	110.737	2051.000	110.728	110.728	2052.000	110.718	110.718	2053.000	110.709	110.709

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2054.000	110.699	110.699	2055.000	110.690	110.690	2056.000	110.680	110.680	2057.000	110.670	110.670
2058.000	110.661	110.661	2059.000	110.651	110.651	2060.000	110.641	110.641	2061.000	110.631	110.631
2062.000	110.621	110.621	2063.000	110.611	110.611	2064.000	110.601	110.601	2065.000	110.591	110.591
2066.000	110.581	110.581	2067.000	110.571	110.571	2068.000	110.560	110.560	2069.000	110.550	110.550
2070.000	110.540	110.540	2071.000	110.529	110.529	2072.000	110.519	110.519	2073.000	110.508	110.508
2074.000	110.498	110.498	2075.000	110.487	110.487	2076.000	110.476	110.476	2077.000	110.466	110.466
2078.000	110.455	110.455	2079.000	110.444	110.444	2080.000	110.433	110.433	2081.000	110.422	110.422
2082.000	110.411	110.411	2083.000	110.400	110.400	2084.000	110.389	110.389	2085.000	110.377	110.377
2086.000	110.362	110.362	2087.000	110.347	110.347	2088.000	110.331	110.331	2089.000	110.316	110.316
2090.000	110.300	110.300	2091.000	110.284	110.284	2092.000	110.268	110.268	2093.000	110.252	110.252
2094.000	110.236	110.236	2095.000	110.219	110.219	2096.000	110.200	110.200	2097.000	110.194	110.194
2098.000	110.186	110.186	2099.000	110.179	110.179	2100.000	110.171	110.171	2101.000	110.164	110.164
2102.000	110.156	110.156	2103.000	110.149	110.149	2104.000	110.141	110.141	2105.000	110.133	110.133
2106.000	110.126	110.126	2107.000	110.118	110.118	2108.000	110.111	110.111	2109.000	110.103	110.103
2110.000	110.095	110.095	2111.000	110.087	110.087	2112.000	110.080	110.080	2113.000	110.072	110.072
2114.000	110.064	110.064	2115.000	110.056	110.056	2116.000	110.049	110.049	2117.000	110.041	110.041
2118.000	110.033	110.033	2119.000	110.025	110.025	2120.000	110.020	110.020	2121.000	110.016	110.016
2122.000	110.013	110.013	2123.000	110.009	110.009	2124.000	110.005	110.005	2125.000	110.002	110.002
2126.000	109.998	109.998	2127.000	109.994	109.994	2128.000	109.990	109.990	2129.000	109.987	109.987
2130.000	109.983	109.983	2131.000	109.979	109.979	2132.000	109.975	109.975	2133.000	109.971	109.971
2134.000	109.967	109.967	2135.000	109.963	109.963	2136.000	109.959	109.959	2137.000	109.955	109.955
2138.000	109.951	109.951	2139.000	109.947	109.947	2140.000	109.943	109.943	2141.000	109.939	109.939
2142.000	109.935	109.935	2143.000	109.931	109.931	2144.000	109.927	109.927	2145.000	109.923	109.923
2146.000	109.918	109.918	2147.000	109.914	109.914	2148.000	109.910	109.910	2149.000	109.906	109.906
2150.000	109.901	109.901	2151.000	109.897	109.897	2152.000	109.893	109.893	2153.000	109.888	109.888
2154.000	109.884	109.884	2155.000	109.879	109.879	2156.000	109.875	109.875	2157.000	109.870	109.870
2158.000	109.866	109.866	2159.000	109.861	109.861	2160.000	109.856	109.856	2161.000	109.852	109.852
2162.000	109.847	109.847	2163.000	109.842	109.842	2164.000	109.838	109.838	2165.000	109.833	109.833
2166.000	109.828	109.828	2167.000	109.823	109.823	2168.000	109.818	109.818	2169.000	109.813	109.813
2170.000	109.808	109.808	2171.000	109.803	109.803	2172.000	109.798	109.798	2173.000	109.793	109.793
2174.000	109.788	109.788	2175.000	109.783	109.783	2176.000	109.778	109.778	2177.000	109.773	109.773
2178.000	109.768	109.768	2179.000	109.762	109.762	2180.000	109.757	109.757	2181.000	109.752	109.752
2182.000	109.746	109.746	2183.000	109.741	109.741	2184.000	109.735	109.735	2185.000	109.730	109.730
2186.000	109.724	109.724	2187.000	109.719	109.719	2188.000	109.713	109.713	2189.000	109.707	109.707
2190.000	109.702	109.702	2191.000	109.696	109.696	2192.000	109.690	109.690	2193.000	109.684	109.684
2194.000	109.678	109.678	2195.000	109.673	109.673	2196.000	109.667	109.667	2197.000	109.661	109.661
2198.000	109.654	109.654	2199.000	109.648	109.648	2200.000	109.642	109.642	2201.000	109.636	109.636

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## DIV 1 Battery 1A 48-Hour Coping Study

## BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2202.000	109.630	109.630	2203.000	109.623	109.623	2204.000	109.617	109.617	2205.000	109.611	109.611
2206.000	109.604	109.604	2207.000	109.598	109.598	2208.000	109.591	109.591	2209.000	109.585	109.585
2210.000	109.578	109.578	2211.000	109.571	109.571	2212.000	109.564	109.564	2213.000	109.558	109.558
2214.000	109.551	109.551	2215.000	109.542	109.542	2216.000	109.532	109.532	2217.000	109.522	109.522
2218.000	109.512	109.512	2219.000	109.501	109.501	2220.000	109.490	109.490	2221.000	109.479	109.479
2222.000	109.468	109.468	2223.000	109.456	109.456	2224.000	109.444	109.444	2225.000	109.432	109.432
2226.000	109.420	109.420	2227.000	109.408	109.408	2228.000	109.395	109.395	2229.000	109.382	109.382
2230.000	109.369	109.369	2231.000	109.356	109.356	2232.000	109.342	109.342	2233.000	109.328	109.328
2234.000	109.314	109.314	2235.000	109.300	109.300	2236.000	109.285	109.285	2237.000	109.271	109.271
2238.000	109.255	109.255	2239.000	109.240	109.240	2240.000	109.224	109.224	2241.000	109.208	109.208
2242.000	109.192	109.192	2243.000	109.175	109.175	2244.000	109.158	109.158	2245.000	109.140	109.140
2246.000	109.123	109.123	2247.000	109.104	109.104	2248.000	109.086	109.086	2249.000	109.067	109.067
2250.000	109.048	109.048	2251.000	109.028	109.028	2252.000	109.008	109.008	2253.000	108.988	108.988
2254.000	108.977	108.977	2255.000	108.965	108.965	2256.000	108.953	108.953	2257.000	108.941	108.941
2258.000	108.929	108.929	2259.000	108.917	108.917	2260.000	108.904	108.904	2261.000	108.892	108.892
2262.000	108.879	108.879	2263.000	108.867	108.867	2264.000	108.854	108.854	2265.000	108.841	108.841
2266.000	108.829	108.829	2267.000	108.816	108.816	2268.000	108.802	108.802	2269.000	108.789	108.789
2270.000	108.776	108.776	2271.000	108.763	108.763	2272.000	108.749	108.749	2273.000	108.736	108.736
2274.000	108.722	108.722	2275.000	108.708	108.708	2276.000	108.694	108.694	2277.000	108.680	108.680
2278.000	108.665	108.665	2279.000	108.650	108.650	2280.000	108.636	108.636	2281.000	108.621	108.621
2282.000	108.606	108.606	2283.000	108.591	108.591	2284.000	108.576	108.576	2285.000	108.560	108.560
2286.000	108.545	108.545	2287.000	108.529	108.529	2288.000	108.513	108.513	2289.000	108.498	108.498
2290.000	108.482	108.482	2291.000	108.466	108.466	2292.000	108.449	108.449	2293.000	108.433	108.433
2294.000	108.417	108.417	2295.000	108.400	108.400	2296.000	108.383	108.383	2297.000	108.367	108.367
2298.000	108.350	108.350	2299.000	108.332	108.332	2300.000	108.315	108.315	2301.000	108.298	108.298
2302.000	108.280	108.280	2303.000	108.266	108.266	2304.000	108.255	108.255	2305.000	108.243	108.243
2306.000	108.232	108.232	2307.000	108.220	108.220	2308.000	108.209	108.209	2309.000	108.198	108.198
2310.000	108.186	108.186	2311.000	108.175	108.175	2312.000	108.163	108.163	2313.000	108.151	108.151
2314.000	108.140	108.140	2315.000	108.128	108.128	2316.000	108.117	108.117	2317.000	108.105	108.105
2318.000	108.093	108.093	2319.000	108.082	108.082	2320.000	108.070	108.070	2321.000	108.058	108.058
2322.000	108.047	108.047	2323.000	108.035	108.035	2324.000	108.023	108.023	2325.000	108.011	108.011
2326.000	108.000	108.000	2327.000	107.988	107.988	2328.000	107.976	107.976	2329.000	107.964	107.964
2330.000	107.952	107.952	2331.000	107.940	107.940	2332.000	107.928	107.928	2333.000	107.916	107.916
2334.000	107.904	107.904	2335.000	107.892	107.892	2336.000	107.880	107.880	2337.000	107.868	107.868
2338.000	107.856	107.856	2339.000	107.844	107.844	2340.000	107.832	107.832	2341.000	107.820	107.820
2342.000	107.808	107.808	2343.000	107.796	107.796	2344.000	107.783	107.783	2345.000	107.771	107.771
2346.000	107.759	107.759	2347.000	107.747	107.747	2348.000	107.734	107.734	2349.000	107.722	107.722

Project: Clinton Flex Study  
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BATT 1A BUS2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2350.000	107.710	107.710	2351.000	107.697	107.697	2352.000	107.685	107.685	2353.000	107.673	107.673
2354.000	107.660	107.660	2355.000	107.648	107.648	2356.000	107.635	107.635	2357.000	107.623	107.623
2358.000	107.610	107.610	2359.000	107.598	107.598	2360.000	107.584	107.584	2361.000	107.569	107.569
2362.000	107.554	107.554	2363.000	107.539	107.539	2364.000	107.523	107.523	2365.000	107.508	107.508
2366.000	107.492	107.492	2367.000	107.477	107.477	2368.000	107.461	107.461	2369.000	107.446	107.446
2370.000	107.430	107.430	2371.000	107.414	107.414	2372.000	107.398	107.398	2373.000	107.382	107.382
2374.000	107.366	107.366	2375.000	107.350	107.350	2376.000	107.334	107.334	2377.000	107.318	107.318
2378.000	107.300	107.300	2379.000	107.286	107.286	2380.000	107.271	107.271	2381.000	107.255	107.255
2382.000	107.239	107.239	2383.000	107.222	107.222	2384.000	107.206	107.206	2385.000	107.189	107.189
2386.000	107.172	107.172	2387.000	107.155	107.155	2388.000	107.138	107.138	2389.000	107.120	107.120
2390.000	107.102	107.102	2391.000	107.084	107.084	2392.000	107.066	107.066	2393.000	107.047	107.047
2394.000	107.028	107.028	2395.000	107.009	107.009	2396.000	106.990	106.990	2397.000	106.970	106.970
2398.000	106.950	106.950	2399.000	106.930	106.930	2400.000	106.910	106.910	2401.000	106.889	106.889
2402.000	106.868	106.868	2403.000	106.847	106.847	2403.333	106.839	119.654			

DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
0.000	119.654	111.654	0.017	111.654	113.738	1.000	113.741	113.892	2.000	113.895	113.895
3.000	113.898	113.898	4.000	113.900	113.900	5.000	113.903	113.903	6.000	113.907	113.907
7.000	113.911	113.911	8.000	113.916	113.916	9.000	113.920	113.920	10.000	113.925	113.925
11.000	113.929	113.929	12.000	113.934	113.934	13.000	113.939	113.939	14.000	113.943	113.943
15.000	113.948	113.948	16.000	113.953	113.953	17.000	113.958	113.958	18.000	113.962	113.962
19.000	113.967	113.967	20.000	113.972	113.972	21.000	113.977	113.977	22.000	113.982	113.982
23.000	113.987	113.987	24.000	113.992	113.992	25.000	113.997	113.997	26.000	114.002	114.002
27.000	114.007	114.007	28.000	114.012	114.012	29.000	114.017	114.017	30.000	114.022	114.022
31.000	114.027	114.027	32.000	114.033	114.033	33.000	114.038	114.038	34.000	114.043	114.043
35.000	114.049	114.049	36.000	114.054	114.054	37.000	114.059	114.059	38.000	114.065	114.065
39.000	114.070	114.070	40.000	114.076	114.076	41.000	114.081	114.081	42.000	114.087	114.087
43.000	114.093	114.093	44.000	114.098	114.098	45.000	114.104	114.104	46.000	114.110	114.110
47.000	114.116	114.116	48.000	114.121	114.121	49.000	114.127	114.127	50.000	114.133	114.133
51.000	114.139	114.139	52.000	114.145	114.145	53.000	114.151	114.151	54.000	114.157	114.157
55.000	114.164	114.164	56.000	114.170	114.170	57.000	114.176	114.176	58.000	114.182	114.182
59.000	114.189	114.189	60.000	114.195	115.374	61.000	115.375	115.375	62.000	115.376	115.376
63.000	115.377	115.377	64.000	115.379	115.379	65.000	115.380	115.380	66.000	115.381	115.381
67.000	115.382	115.382	68.000	115.384	115.384	69.000	115.385	115.385	70.000	115.386	115.386
71.000	115.387	115.387	72.000	115.389	115.389	73.000	115.390	115.390	74.000	115.391	115.391

Project: Clinton Flex Study  
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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
75.000	115.393	115.393	76.000	115.394	115.394	77.000	115.395	115.395	78.000	115.396	115.396
79.000	115.398	115.398	80.000	115.399	115.399	81.000	115.400	115.400	82.000	115.401	115.401
83.000	115.403	115.403	84.000	115.404	115.404	85.000	115.405	115.405	86.000	115.407	115.407
87.000	115.408	115.408	88.000	115.409	115.409	89.000	115.410	115.410	90.000	115.412	115.412
91.000	115.413	115.413	92.000	115.414	115.414	93.000	115.416	115.416	94.000	115.417	115.417
95.000	115.418	115.418	96.000	115.419	115.419	97.000	115.419	115.419	98.000	115.420	115.420
99.000	115.421	115.421	100.000	115.421	115.421	101.000	115.422	115.422	102.000	115.422	115.422
103.000	115.423	115.423	104.000	115.424	115.424	105.000	115.424	115.424	106.000	115.425	115.425
107.000	115.425	115.425	108.000	115.426	115.426	109.000	115.427	115.427	110.000	115.427	115.427
111.000	115.428	115.428	112.000	115.428	115.428	113.000	115.429	115.429	114.000	115.430	115.430
115.000	115.430	115.430	116.000	115.431	115.431	117.000	115.432	115.432	118.000	115.432	115.432
119.000	115.433	115.433	120.000	115.433	115.433	121.000	115.434	115.434	122.000	115.435	115.435
123.000	115.435	115.435	124.000	115.436	115.436	125.000	115.436	115.436	126.000	115.437	115.437
127.000	115.438	115.438	128.000	115.438	115.438	129.000	115.439	115.439	130.000	115.439	115.439
131.000	115.440	115.440	132.000	115.441	115.441	133.000	115.441	115.441	134.000	115.442	115.442
135.000	115.443	115.443	136.000	115.443	115.443	137.000	115.444	115.444	138.000	115.444	115.444
139.000	115.445	115.445	140.000	115.446	115.446	141.000	115.446	115.446	142.000	115.447	115.447
143.000	115.447	115.447	144.000	115.448	115.448	145.000	115.449	115.449	146.000	115.449	115.449
147.000	115.450	115.450	148.000	115.451	115.451	149.000	115.451	115.451	150.000	115.452	115.452
151.000	115.452	115.452	152.000	115.453	115.453	153.000	115.454	115.454	154.000	115.454	115.454
155.000	115.455	115.455	156.000	115.456	115.456	157.000	115.456	115.456	158.000	115.457	115.457
159.000	115.457	115.457	160.000	115.458	115.458	161.000	115.459	115.459	162.000	115.459	115.459
163.000	115.460	115.460	164.000	115.461	115.461	165.000	115.461	115.461	166.000	115.462	115.462
167.000	115.462	115.462	168.000	115.462	115.462	169.000	115.462	115.462	170.000	115.462	115.462
171.000	115.462	115.462	172.000	115.461	115.461	173.000	115.461	115.461	174.000	115.461	115.461
175.000	115.461	115.461	176.000	115.461	115.461	177.000	115.461	115.461	178.000	115.461	115.461
179.000	115.461	115.461	180.000	115.461	115.461	181.000	115.461	115.461	182.000	115.461	115.461
183.000	115.461	115.461	184.000	115.461	115.461	185.000	115.461	115.461	186.000	115.461	115.461
187.000	115.461	115.461	188.000	115.461	115.461	189.000	115.461	115.461	190.000	115.461	115.461
191.000	115.461	115.461	192.000	115.461	115.461	193.000	115.461	115.461	194.000	115.461	115.461
195.000	115.460	115.460	196.000	115.460	115.460	197.000	115.460	115.460	198.000	115.460	115.460
199.000	115.460	115.460	200.000	115.460	115.460	201.000	115.460	115.460	202.000	115.460	115.460
203.000	115.460	115.460	204.000	115.460	115.460	205.000	115.460	115.460	206.000	115.460	115.460
207.000	115.460	115.460	208.000	115.460	115.460	209.000	115.460	115.460	210.000	115.460	115.460
211.000	115.460	115.460	212.000	115.460	115.460	213.000	115.460	115.460	214.000	115.460	115.460
215.000	115.460	115.460	216.000	115.460	115.460	217.000	115.460	115.460	218.000	115.459	115.459
219.000	115.459	115.459	220.000	115.459	115.459	221.000	115.459	115.459	222.000	115.459	115.459

Project: Clinton Flex Study  
Location: KCI  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
223.000	115.459	115.459	224.000	115.459	115.459	225.000	115.459	115.459	226.000	115.459	115.459
227.000	115.459	115.459	228.000	115.459	115.459	229.000	115.459	115.459	230.000	115.459	115.459
231.000	115.459	115.459	232.000	115.459	115.459	233.000	115.459	115.459	234.000	115.459	115.459
235.000	115.459	115.459	236.000	115.459	115.459	237.000	115.459	115.459	238.000	115.459	115.459
239.000	115.459	115.459	240.000	115.459	115.459	241.000	115.458	115.458	242.000	115.458	115.458
243.000	115.458	115.458	244.000	115.458	115.458	245.000	115.458	115.458	246.000	115.458	115.458
247.000	115.458	115.458	248.000	115.458	115.458	249.000	115.458	115.458	250.000	115.458	115.458
251.000	115.458	115.458	252.000	115.458	115.458	253.000	115.458	115.458	254.000	115.458	115.458
255.000	115.458	115.458	256.000	115.458	115.458	257.000	115.458	115.458	258.000	115.458	115.458
259.000	115.458	115.458	260.000	115.458	115.458	261.000	115.458	115.458	262.000	115.458	115.458
263.000	115.458	115.458	264.000	115.457	115.457	265.000	115.457	115.457	266.000	115.457	115.457
267.000	115.457	115.457	268.000	115.457	115.457	269.000	115.457	115.457	270.000	115.457	115.457
271.000	115.457	115.457	272.000	115.457	115.457	273.000	115.457	115.457	274.000	115.457	115.457
275.000	115.457	115.457	276.000	115.457	115.457	277.000	115.457	115.457	278.000	115.457	115.457
279.000	115.457	115.457	280.000	115.457	115.457	281.000	115.457	115.457	282.000	115.457	115.457
283.000	115.457	115.457	284.000	115.457	115.457	285.000	115.457	115.457	286.000	115.456	115.456
287.000	115.456	115.456	288.000	115.456	115.456	289.000	115.456	115.456	290.000	115.456	115.456
291.000	115.456	115.456	292.000	115.456	115.456	293.000	115.456	115.456	294.000	115.456	115.456
295.000	115.456	115.456	296.000	115.456	115.456	297.000	115.456	115.456	298.000	115.456	115.456
299.000	115.456	115.456	300.000	115.456	115.456	301.000	115.456	115.456	302.000	115.456	115.456
303.000	115.456	115.456	304.000	115.456	115.456	305.000	115.456	115.456	306.000	115.456	115.456
307.000	115.456	115.456	308.000	115.456	115.456	309.000	115.455	115.455	310.000	115.455	115.455
311.000	115.455	115.455	312.000	115.455	115.455	313.000	115.455	115.455	314.000	115.455	115.455
315.000	115.455	115.455	316.000	115.455	115.455	317.000	115.455	115.455	318.000	115.455	115.455
319.000	115.455	115.455	320.000	115.455	115.455	321.000	115.455	115.455	322.000	115.455	115.455
323.000	115.455	115.455	324.000	115.455	115.455	325.000	115.455	115.455	326.000	115.455	115.455
327.000	115.455	115.455	328.000	115.455	115.455	329.000	115.455	115.455	330.000	115.455	115.455
331.000	115.455	115.455	332.000	115.454	115.454	333.000	115.454	115.454	334.000	115.454	115.454
335.000	115.454	115.454	336.000	115.454	115.454	337.000	115.454	115.454	338.000	115.454	115.454
339.000	115.454	115.454	340.000	115.454	115.454	341.000	115.454	115.454	342.000	115.454	115.454
343.000	115.454	115.454	344.000	115.454	115.454	345.000	115.454	115.454	346.000	115.454	115.454
347.000	115.454	115.454	348.000	115.454	115.454	349.000	115.454	115.454	350.000	115.454	115.454
351.000	115.454	115.454	352.000	115.454	115.454	353.000	115.454	115.454	354.000	115.453	115.453
355.000	115.453	115.453	356.000	115.453	115.453	357.000	115.453	115.453	358.000	115.453	115.453
359.000	115.453	115.453	360.000	115.453	115.453	361.000	115.453	115.453	362.000	115.453	115.453
363.000	115.453	115.453	364.000	115.453	115.453	365.000	115.453	115.453	366.000	115.453	115.453
367.000	115.453	115.453	368.000	115.453	115.453	369.000	115.453	115.453	370.000	115.453	115.453

Project: Clinton Fléx Study  
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DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
371.000	115.453	115.453	372.000	115.453	115.453	373.000	115.453	115.453	374.000	115.453	115.453
375.000	115.453	115.453	376.000	115.452	115.452	377.000	115.452	115.452	378.000	115.452	115.452
379.000	115.452	115.452	380.000	115.452	115.452	381.000	115.452	115.452	382.000	115.452	115.452
383.000	115.452	115.452	384.000	115.452	115.452	385.000	115.452	115.452	386.000	115.452	115.452
387.000	115.452	115.452	388.000	115.452	115.452	389.000	115.452	115.452	390.000	115.452	115.452
391.000	115.452	115.452	392.000	115.452	115.452	393.000	115.452	115.452	394.000	115.452	115.452
395.000	115.452	115.452	396.000	115.452	115.452	397.000	115.452	115.452	398.000	115.452	115.452
399.000	115.451	115.451	400.000	115.451	115.451	401.000	115.451	115.451	402.000	115.451	115.451
403.000	115.451	115.451	404.000	115.451	115.451	405.000	115.451	115.451	406.000	115.451	115.451
407.000	115.451	115.451	408.000	115.451	115.451	409.000	115.451	115.451	410.000	115.451	115.451
411.000	115.451	115.451	412.000	115.451	115.451	413.000	115.451	115.451	414.000	115.451	115.451
415.000	115.451	115.451	416.000	115.451	115.451	417.000	115.451	115.451	418.000	115.451	115.451
419.000	115.451	115.451	420.000	115.451	115.451	421.000	115.450	115.450	422.000	115.450	115.450
423.000	115.450	115.450	424.000	115.450	115.450	425.000	115.450	115.450	426.000	115.450	115.450
427.000	115.450	115.450	428.000	115.450	115.450	429.000	115.450	115.450	430.000	115.450	115.450
431.000	115.450	115.450	432.000	115.450	115.450	433.000	115.450	115.450	434.000	115.450	115.450
435.000	115.450	115.450	436.000	115.450	115.450	437.000	115.450	115.450	438.000	115.450	115.450
439.000	115.450	115.450	440.000	115.450	115.450	441.000	115.450	115.450	442.000	115.450	115.450
443.000	115.449	115.449	444.000	115.449	115.449	445.000	115.449	115.449	446.000	115.449	115.449
447.000	115.449	115.449	448.000	115.449	115.449	449.000	115.449	115.449	450.000	115.449	115.449
451.000	115.449	115.449	452.000	115.449	115.449	453.000	115.449	115.449	454.000	115.449	115.449
455.000	115.449	115.449	456.000	115.449	115.449	457.000	115.449	115.449	458.000	115.449	115.449
459.000	115.449	115.449	460.000	115.449	115.449	461.000	115.449	115.449	462.000	115.449	115.449
463.000	115.449	115.449	464.000	115.449	115.449	465.000	115.448	115.448	466.000	115.448	115.448
467.000	115.448	115.448	468.000	115.448	115.448	469.000	115.448	115.448	470.000	115.448	115.448
471.000	115.448	115.448	472.000	115.448	115.448	473.000	115.448	115.448	474.000	115.448	115.448
475.000	115.448	115.448	476.000	115.448	115.448	477.000	115.448	115.448	478.000	115.448	115.448
479.000	115.448	115.448	480.000	115.448	115.448	481.000	115.448	115.448	482.000	115.448	115.448
483.000	115.448	115.448	484.000	115.448	115.448	485.000	115.448	115.448	486.000	115.448	115.448
487.000	115.447	115.447	488.000	115.447	115.447	489.000	115.447	115.447	490.000	115.447	115.447
491.000	115.447	115.447	492.000	115.447	115.447	493.000	115.447	115.447	494.000	115.447	115.447
495.000	115.447	115.447	496.000	115.447	115.447	497.000	115.447	115.447	498.000	115.447	115.447
499.000	115.447	115.447	500.000	115.447	115.447	501.000	115.447	115.447	502.000	115.447	115.447
503.000	115.447	115.447	504.000	115.447	115.447	505.000	115.447	115.447	506.000	115.447	115.447
507.000	115.447	115.447	508.000	115.447	115.447	509.000	115.446	115.446	510.000	115.446	115.446
511.000	115.446	115.446	512.000	115.446	115.446	513.000	115.446	115.446	514.000	115.446	115.446
515.000	115.446	115.446	516.000	115.446	115.446	517.000	115.446	115.446	518.000	115.446	115.446

Project: Clinton Flex Study  
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Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
519.000	115.446	115.446	520.000	115.446	115.446	521.000	115.446	115.446	522.000	115.446	115.446
523.000	115.446	115.446	524.000	115.446	115.446	525.000	115.446	115.446	526.000	115.446	115.446
527.000	115.446	115.446	528.000	115.446	115.446	529.000	115.446	115.446	530.000	115.445	115.445
531.000	115.445	115.445	532.000	115.445	115.445	533.000	115.445	115.445	534.000	115.445	115.445
535.000	115.445	115.445	536.000	115.445	115.445	537.000	115.445	115.445	538.000	115.445	115.445
539.000	115.445	115.445	540.000	115.445	115.445	541.000	115.445	115.445	542.000	115.445	115.445
543.000	115.445	115.445	544.000	115.445	115.445	545.000	115.445	115.445	546.000	115.445	115.445
547.000	115.445	115.445	548.000	115.445	115.445	549.000	115.445	115.445	550.000	115.445	115.445
551.000	115.445	115.445	552.000	115.444	115.444	553.000	115.444	115.444	554.000	115.444	115.444
555.000	115.444	115.444	556.000	115.444	115.444	557.000	115.444	115.444	558.000	115.444	115.444
559.000	115.444	115.444	560.000	115.444	115.444	561.000	115.444	115.444	562.000	115.444	115.444
563.000	115.444	115.444	564.000	115.444	115.444	565.000	115.444	115.444	566.000	115.444	115.444
567.000	115.444	115.444	568.000	115.444	115.444	569.000	115.444	115.444	570.000	115.444	115.444
571.000	115.444	115.444	572.000	115.444	115.444	573.000	115.444	115.444	574.000	115.443	115.443
575.000	115.443	115.443	576.000	115.443	115.443	577.000	115.443	115.443	578.000	115.443	115.443
579.000	115.443	115.443	580.000	115.443	115.443	581.000	115.443	115.443	582.000	115.443	115.443
583.000	115.443	115.443	584.000	115.443	115.443	585.000	115.443	115.443	586.000	115.443	115.443
587.000	115.443	115.443	588.000	115.443	115.443	589.000	115.443	115.443	590.000	115.443	115.443
591.000	115.443	115.443	592.000	115.443	115.443	593.000	115.443	115.443	594.000	115.443	115.443
595.000	115.442	115.442	596.000	115.442	115.442	597.000	115.442	115.442	598.000	115.442	115.442
599.000	115.442	115.442	600.000	115.442	115.442	601.000	115.442	115.442	602.000	115.442	115.442
603.000	115.442	115.442	604.000	115.442	115.442	605.000	115.442	115.442	606.000	115.442	115.442
607.000	115.442	115.442	608.000	115.442	115.442	609.000	115.442	115.442	610.000	115.442	115.442
611.000	115.442	115.442	612.000	115.442	115.442	613.000	115.442	115.442	614.000	115.442	115.442
615.000	115.442	115.442	616.000	115.442	115.442	617.000	115.441	115.441	618.000	115.441	115.441
619.000	115.441	115.441	620.000	115.441	115.441	621.000	115.441	115.441	622.000	115.441	115.441
623.000	115.441	115.441	624.000	115.441	115.441	625.000	115.441	115.441	626.000	115.441	115.441
627.000	115.441	115.441	628.000	115.441	115.441	629.000	115.441	115.441	630.000	115.441	115.441
631.000	115.441	115.441	632.000	115.441	115.441	633.000	115.441	115.441	634.000	115.441	115.441
635.000	115.441	115.441	636.000	115.441	115.441	637.000	115.441	115.441	638.000	115.440	115.440
639.000	115.440	115.440	640.000	115.440	115.440	641.000	115.440	115.440	642.000	115.440	115.440
643.000	115.440	115.440	644.000	115.440	115.440	645.000	115.440	115.440	646.000	115.440	115.440
647.000	115.440	115.440	648.000	115.440	115.440	649.000	115.440	115.440	650.000	115.440	115.440
651.000	115.440	115.440	652.000	115.440	115.440	653.000	115.440	115.440	654.000	115.440	115.440
655.000	115.440	115.440	656.000	115.440	115.440	657.000	115.440	115.440	658.000	115.440	115.440
659.000	115.439	115.439	660.000	115.439	115.439	661.000	115.439	115.439	662.000	115.439	115.439
663.000	115.439	115.439	664.000	115.439	115.439	665.000	115.439	115.439	666.000	115.439	115.439

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
667.000	115.439	115.439	668.000	115.439	115.439	669.000	115.439	115.439	670.000	115.439	115.439
671.000	115.439	115.439	672.000	115.439	115.439	673.000	115.439	115.439	674.000	115.439	115.439
675.000	115.439	115.439	676.000	115.439	115.439	677.000	115.439	115.439	678.000	115.439	115.439
679.000	115.439	115.439	680.000	115.439	115.439	681.000	115.438	115.438	682.000	115.438	115.438
683.000	115.438	115.438	684.000	115.438	115.438	685.000	115.438	115.438	686.000	115.438	115.438
687.000	115.438	115.438	688.000	115.438	115.438	689.000	115.438	115.438	690.000	115.438	115.438
691.000	115.438	115.438	692.000	115.438	115.438	693.000	115.438	115.438	694.000	115.438	115.438
695.000	115.438	115.438	696.000	115.438	115.438	697.000	115.438	115.438	698.000	115.438	115.438
699.000	115.438	115.438	700.000	115.438	115.438	701.000	115.438	115.438	702.000	115.437	115.437
703.000	115.437	115.437	704.000	115.437	115.437	705.000	115.437	115.437	706.000	115.437	115.437
707.000	115.437	115.437	708.000	115.437	115.437	709.000	115.437	115.437	710.000	115.437	115.437
711.000	115.437	115.437	712.000	115.437	115.437	713.000	115.437	115.437	714.000	115.437	115.437
715.000	115.437	115.437	716.000	115.437	115.437	717.000	115.437	115.437	718.000	115.437	115.437
719.000	115.437	115.437	720.000	115.437	115.437	721.000	115.437	115.437	722.000	115.437	115.437
723.000	115.436	115.436	724.000	115.436	115.436	725.000	115.436	115.436	726.000	115.436	115.436
727.000	115.436	115.436	728.000	115.436	115.436	729.000	115.436	115.436	730.000	115.436	115.436
731.000	115.436	115.436	732.000	115.436	115.436	733.000	115.436	115.436	734.000	115.436	115.436
735.000	115.436	115.436	736.000	115.436	115.436	737.000	115.436	115.436	738.000	115.436	115.436
739.000	115.436	115.436	740.000	115.436	115.436	741.000	115.436	115.436	742.000	115.436	115.436
743.000	115.436	115.436	744.000	115.435	115.435	745.000	115.435	115.435	746.000	115.435	115.435
747.000	115.435	115.435	748.000	115.435	115.435	749.000	115.435	115.435	750.000	115.435	115.435
751.000	115.435	115.435	752.000	115.435	115.435	753.000	115.435	115.435	754.000	115.435	115.435
755.000	115.435	115.435	756.000	115.435	115.435	757.000	115.435	115.435	758.000	115.435	115.435
759.000	115.435	115.435	760.000	115.435	115.435	761.000	115.435	115.435	762.000	115.435	115.435
763.000	115.435	115.435	764.000	115.435	115.435	765.000	115.434	115.434	766.000	115.434	115.434
767.000	115.434	115.434	768.000	115.434	115.434	769.000	115.434	115.434	770.000	115.434	115.434
771.000	115.434	115.434	772.000	115.434	115.434	773.000	115.434	115.434	774.000	115.434	115.434
775.000	115.434	115.434	776.000	115.434	115.434	777.000	115.434	115.434	778.000	115.434	115.434
779.000	115.434	115.434	780.000	115.434	115.434	781.000	115.434	115.434	782.000	115.434	115.434
783.000	115.434	115.434	784.000	115.434	115.434	785.000	115.433	115.433	786.000	115.433	115.433
787.000	115.433	115.433	788.000	115.433	115.433	789.000	115.433	115.433	790.000	115.433	115.433
791.000	115.433	115.433	792.000	115.433	115.433	793.000	115.433	115.433	794.000	115.433	115.433
795.000	115.433	115.433	796.000	115.433	115.433	797.000	115.433	115.433	798.000	115.433	115.433
799.000	115.433	115.433	800.000	115.433	115.433	801.000	115.433	115.433	802.000	115.433	115.433
803.000	115.433	115.433	804.000	115.433	115.433	805.000	115.433	115.433	806.000	115.432	115.432
807.000	115.432	115.432	808.000	115.432	115.432	809.000	115.432	115.432	810.000	115.432	115.432
811.000	115.432	115.432	812.000	115.432	115.432	813.000	115.432	115.432	814.000	115.432	115.432

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
815.000	115.432	115.432	816.000	115.432	115.432	817.000	115.432	115.432	818.000	115.432	115.432
819.000	115.432	115.432	820.000	115.432	115.432	821.000	115.432	115.432	822.000	115.432	115.432
823.000	115.432	115.432	824.000	115.432	115.432	825.000	115.432	115.432	826.000	115.432	115.432
827.000	115.431	115.431	828.000	115.431	115.431	829.000	115.431	115.431	830.000	115.431	115.431
831.000	115.431	115.431	832.000	115.431	115.431	833.000	115.431	115.431	834.000	115.431	115.431
835.000	115.431	115.431	836.000	115.431	115.431	837.000	115.431	115.431	838.000	115.431	115.431
839.000	115.431	115.431	840.000	115.431	115.431	841.000	115.431	115.431	842.000	115.431	115.431
843.000	115.431	115.431	844.000	115.431	115.431	845.000	115.431	115.431	846.000	115.431	115.431
847.000	115.431	115.431	848.000	115.430	115.430	849.000	115.430	115.430	850.000	115.430	115.430
851.000	115.430	115.430	852.000	115.430	115.430	853.000	115.430	115.430	854.000	115.430	115.430
855.000	115.430	115.430	856.000	115.430	115.430	857.000	115.430	115.430	858.000	115.430	115.430
859.000	115.430	115.430	860.000	115.430	115.430	861.000	115.430	115.430	862.000	115.430	115.430
863.000	115.430	115.430	864.000	115.430	115.430	865.000	115.430	115.430	866.000	115.430	115.430
867.000	115.430	115.430	868.000	115.429	115.429	869.000	115.429	115.429	870.000	115.429	115.429
871.000	115.429	115.429	872.000	115.429	115.429	873.000	115.429	115.429	874.000	115.429	115.429
875.000	115.429	115.429	876.000	115.429	115.429	877.000	115.429	115.429	878.000	115.429	115.429
879.000	115.429	115.429	880.000	115.429	115.429	881.000	115.429	115.429	882.000	115.429	115.429
883.000	115.429	115.429	884.000	115.429	115.429	885.000	115.429	115.429	886.000	115.429	115.429
887.000	115.429	115.429	888.000	115.428	115.428	889.000	115.428	115.428	890.000	115.428	115.428
891.000	115.428	115.428	892.000	115.428	115.428	893.000	115.428	115.428	894.000	115.428	115.428
895.000	115.428	115.428	896.000	115.428	115.428	897.000	115.428	115.428	898.000	115.428	115.428
899.000	115.428	115.428	900.000	115.428	115.428	901.000	115.428	115.428	902.000	115.428	115.428
903.000	115.428	115.428	904.000	115.428	115.428	905.000	115.428	115.428	906.000	115.428	115.428
907.000	115.428	115.428	908.000	115.428	115.428	909.000	115.427	115.427	910.000	115.427	115.427
911.000	115.427	115.427	912.000	115.427	115.427	913.000	115.427	115.427	914.000	115.427	115.427
915.000	115.427	115.427	916.000	115.427	115.427	917.000	115.427	115.427	918.000	115.427	115.427
919.000	115.427	115.427	920.000	115.427	115.427	921.000	115.427	115.427	922.000	115.427	115.427
923.000	115.427	115.427	924.000	115.427	115.427	925.000	115.427	115.427	926.000	115.427	115.427
927.000	115.427	115.427	928.000	115.427	115.427	929.000	115.426	115.426	930.000	115.426	115.426
931.000	115.426	115.426	932.000	115.426	115.426	933.000	115.426	115.426	934.000	115.426	115.426
935.000	115.426	115.426	936.000	115.426	115.426	937.000	115.426	115.426	938.000	115.426	115.426
939.000	115.426	115.426	940.000	115.426	115.426	941.000	115.426	115.426	942.000	115.426	115.426
943.000	115.426	115.426	944.000	115.426	115.426	945.000	115.426	115.426	946.000	115.426	115.426
947.000	115.426	115.426	948.000	115.426	115.426	949.000	115.425	115.425	950.000	115.425	115.425
951.000	115.425	115.425	952.000	115.425	115.425	953.000	115.425	115.425	954.000	115.425	115.425
955.000	115.425	115.425	956.000	115.425	115.425	957.000	115.425	115.425	958.000	115.425	115.425
959.000	115.425	115.425	960.000	115.425	115.425	961.000	115.425	115.425	962.000	115.425	115.425

Project: Clinton Flex Study  
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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
963.000	115.425	115.425	964.000	115.425	115.425	965.000	115.425	115.425	966.000	115.425	115.425
967.000	115.425	115.425	968.000	115.425	115.425	969.000	115.424	115.424	970.000	115.424	115.424
971.000	115.424	115.424	972.000	115.424	115.424	973.000	115.424	115.424	974.000	115.424	115.424
975.000	115.424	115.424	976.000	115.424	115.424	977.000	115.424	115.424	978.000	115.424	115.424
979.000	115.424	115.424	980.000	115.424	115.424	981.000	115.424	115.424	982.000	115.424	115.424
983.000	115.424	115.424	984.000	115.424	115.424	985.000	115.424	115.424	986.000	115.424	115.424
987.000	115.424	115.424	988.000	115.424	115.424	989.000	115.423	115.423	990.000	115.423	115.423
991.000	115.423	115.423	992.000	115.423	115.423	993.000	115.423	115.423	994.000	115.423	115.423
995.000	115.423	115.423	996.000	115.423	115.423	997.000	115.423	115.423	998.000	115.423	115.423
999.000	115.423	115.423	1000.000	115.423	115.423	1001.000	115.423	115.423	1002.000	115.423	115.423
1003.000	115.423	115.423	1004.000	115.423	115.423	1005.000	115.423	115.423	1006.000	115.423	115.423
1007.000	115.423	115.423	1008.000	115.423	115.423	1009.000	115.422	115.422	1010.000	115.422	115.422
1011.000	115.422	115.422	1012.000	115.422	115.422	1013.000	115.422	115.422	1014.000	115.422	115.422
1015.000	115.422	115.422	1016.000	115.422	115.422	1017.000	115.422	115.422	1018.000	115.422	115.422
1019.000	115.422	115.422	1020.000	115.422	115.422	1021.000	115.422	115.422	1022.000	115.422	115.422
1023.000	115.420	115.420	1024.000	115.419	115.419	1025.000	115.418	115.418	1026.000	115.416	115.416
1027.000	115.415	115.415	1028.000	115.413	115.413	1029.000	115.412	115.412	1030.000	115.411	115.411
1031.000	115.409	115.409	1032.000	115.408	115.408	1033.000	115.407	115.407	1034.000	115.405	115.405
1035.000	115.404	115.404	1036.000	115.402	115.402	1037.000	115.401	115.401	1038.000	115.400	115.400
1039.000	115.398	115.398	1040.000	115.397	115.397	1041.000	115.396	115.396	1042.000	115.394	115.394
1043.000	115.393	115.393	1044.000	115.391	115.391	1045.000	115.390	115.390	1046.000	115.389	115.389
1047.000	115.387	115.387	1048.000	115.386	115.386	1049.000	115.385	115.385	1050.000	115.383	115.383
1051.000	115.382	115.382	1052.000	115.380	115.380	1053.000	115.379	115.379	1054.000	115.378	115.378
1055.000	115.376	115.376	1056.000	115.375	115.375	1057.000	115.374	115.374	1058.000	115.372	115.372
1059.000	115.371	115.371	1060.000	115.370	115.370	1061.000	115.368	115.368	1062.000	115.367	115.367
1063.000	115.365	115.365	1064.000	115.364	115.364	1065.000	115.363	115.363	1066.000	115.361	115.361
1067.000	115.360	115.360	1068.000	115.359	115.359	1069.000	115.357	115.357	1070.000	115.356	115.356
1071.000	115.355	115.355	1072.000	115.353	115.353	1073.000	115.352	115.352	1074.000	115.351	115.351
1075.000	115.349	115.349	1076.000	115.348	115.348	1077.000	115.346	115.346	1078.000	115.345	115.345
1079.000	115.344	115.344	1080.000	115.342	115.342	1081.000	115.341	115.341	1082.000	115.340	115.340
1083.000	115.338	115.338	1084.000	115.337	115.337	1085.000	115.336	115.336	1086.000	115.334	115.334
1087.000	115.333	115.333	1088.000	115.332	115.332	1089.000	115.330	115.330	1090.000	115.329	115.329
1091.000	115.328	115.328	1092.000	115.326	115.326	1093.000	115.325	115.325	1094.000	115.323	115.323
1095.000	115.322	115.322	1096.000	115.321	115.321	1097.000	115.319	115.319	1098.000	115.318	115.318
1099.000	115.317	115.317	1100.000	115.315	115.315	1101.000	115.314	115.314	1102.000	115.313	115.313
1103.000	115.311	115.311	1104.000	115.310	115.310	1105.000	115.309	115.309	1106.000	115.307	115.307
1107.000	115.306	115.306	1108.000	115.305	115.305	1109.000	115.303	115.303	1110.000	115.302	115.302

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 1 Battery 1A 48-Hour Coping Study

DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1111.000	115.301	115.301	1112.000	115.299	115.299	1113.000	115.298	115.298	1114.000	115.297	115.297
1115.000	115.295	115.295	1116.000	115.294	115.294	1117.000	115.293	115.293	1118.000	115.291	115.291
1119.000	115.290	115.290	1120.000	115.289	115.289	1121.000	115.287	115.287	1122.000	115.286	115.286
1123.000	115.285	115.285	1124.000	115.283	115.283	1125.000	115.282	115.282	1126.000	115.281	115.281
1127.000	115.279	115.279	1128.000	115.278	115.278	1129.000	115.277	115.277	1130.000	115.275	115.275
1131.000	115.274	115.274	1132.000	115.273	115.273	1133.000	115.271	115.271	1134.000	115.270	115.270
1135.000	115.269	115.269	1136.000	115.267	115.267	1137.000	115.266	115.266	1138.000	115.265	115.265
1139.000	115.263	115.263	1140.000	115.262	115.262	1141.000	115.261	115.261	1142.000	115.259	115.259
1143.000	115.258	115.258	1144.000	115.257	115.257	1145.000	115.255	115.255	1146.000	115.254	115.254
1147.000	115.253	115.253	1148.000	115.251	115.251	1149.000	115.250	115.250	1150.000	115.249	115.249
1151.000	115.247	115.247	1152.000	115.246	115.246	1153.000	115.245	115.245	1154.000	115.244	115.244
1155.000	115.243	115.243	1156.000	115.242	115.242	1157.000	115.241	115.241	1158.000	115.240	115.240
1159.000	115.239	115.239	1160.000	115.238	115.238	1161.000	115.237	115.237	1162.000	115.236	115.236
1163.000	115.235	115.235	1164.000	115.234	115.234	1165.000	115.233	115.233	1166.000	115.232	115.232
1167.000	115.231	115.231	1168.000	115.231	115.231	1169.000	115.230	115.230	1170.000	115.229	115.229
1171.000	115.228	115.228	1172.000	115.227	115.227	1173.000	115.226	115.226	1174.000	115.225	115.225
1175.000	115.224	115.224	1176.000	115.223	115.223	1177.000	115.222	115.222	1178.000	115.221	115.221
1179.000	115.220	115.220	1180.000	115.219	115.219	1181.000	115.218	115.218	1182.000	115.217	115.217
1183.000	115.216	115.216	1184.000	115.215	115.215	1185.000	115.214	115.214	1186.000	115.213	115.213
1187.000	115.212	115.212	1188.000	115.211	115.211	1189.000	115.210	115.210	1190.000	115.209	115.209
1191.000	115.208	115.208	1192.000	115.207	115.207	1193.000	115.206	115.206	1194.000	115.205	115.205
1195.000	115.204	115.204	1196.000	115.203	115.203	1197.000	115.202	115.202	1198.000	115.201	115.201
1199.000	115.200	115.200	1200.000	115.199	114.253	1200.133	114.253	112.597	1200.183	112.597	113.425
1200.250	113.424	110.695	1200.300	110.694	112.755	1200.750	112.749	113.417	1201.000	113.414	114.241
1202.000	114.235	114.235	1203.000	114.230	114.230	1204.000	114.224	114.224	1205.000	114.218	114.218
1206.000	114.212	114.212	1207.000	114.206	114.206	1208.000	114.200	114.200	1209.000	114.194	114.194
1210.000	114.189	114.189	1211.000	114.183	114.183	1212.000	114.177	114.177	1213.000	114.171	114.171
1214.000	114.165	114.165	1215.000	114.159	114.159	1216.000	114.154	114.154	1217.000	114.148	114.148
1218.000	114.142	114.142	1219.000	114.136	114.136	1220.000	114.130	114.130	1221.000	114.124	114.124
1222.000	114.118	114.118	1223.000	114.113	114.113	1224.000	114.107	114.107	1225.000	114.101	114.101
1226.000	114.095	114.095	1227.000	114.089	114.089	1228.000	114.083	114.083	1229.000	114.077	114.077
1230.000	114.072	114.072	1231.000	114.066	114.066	1232.000	114.060	114.060	1233.000	114.054	114.054
1234.000	114.048	114.048	1235.000	114.042	114.042	1236.000	114.036	114.036	1237.000	114.031	114.031
1238.000	114.025	114.025	1239.000	114.019	114.019	1240.000	114.013	114.013	1241.000	114.007	114.007
1242.000	114.001	114.001	1243.000	113.995	113.995	1244.000	113.990	113.990	1245.000	113.984	113.984
1246.000	113.978	113.978	1247.000	113.969	113.969	1248.000	113.957	113.957	1249.000	113.946	113.946
1250.000	113.934	113.934	1251.000	113.923	113.923	1252.000	113.912	113.912	1253.000	113.900	113.900

Project: Clinton Flex Study  
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Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1254.000	113.889	113.889	1255.000	113.878	113.878	1256.000	113.866	113.866	1257.000	113.855	113.855
1258.000	113.844	113.844	1259.000	113.833	113.833	1260.000	113.822	113.822	1261.000	113.811	113.811
1262.000	113.799	113.799	1263.000	113.788	113.788	1264.000	113.777	113.777	1265.000	113.766	113.766
1266.000	113.755	113.755	1267.000	113.744	113.744	1268.000	113.734	113.734	1269.000	113.723	113.723
1270.000	113.712	113.712	1271.000	113.701	113.701	1272.000	113.690	113.690	1273.000	113.680	113.680
1274.000	113.669	113.669	1275.000	113.658	113.658	1276.000	113.648	113.648	1277.000	113.637	113.637
1278.000	113.626	113.626	1279.000	113.616	113.616	1280.000	113.605	113.605	1281.000	113.595	113.595
1282.000	113.584	113.584	1283.000	113.574	113.574	1284.000	113.566	113.566	1285.000	113.564	113.564
1286.000	113.562	113.562	1287.000	113.560	113.560	1288.000	113.558	113.558	1289.000	113.556	113.556
1290.000	113.554	113.554	1291.000	113.552	113.552	1292.000	113.550	113.550	1293.000	113.548	113.548
1294.000	113.546	113.546	1295.000	113.544	113.544	1296.000	113.542	113.542	1297.000	113.540	113.540
1298.000	113.538	113.538	1299.000	113.536	113.536	1300.000	113.534	113.534	1301.000	113.532	113.532
1302.000	113.529	113.529	1303.000	113.527	113.527	1304.000	113.525	113.525	1305.000	113.523	113.523
1306.000	113.521	113.521	1307.000	113.519	113.519	1308.000	113.517	113.517	1309.000	113.515	113.515
1310.000	113.513	113.513	1311.000	113.511	113.511	1312.000	113.508	113.508	1313.000	113.506	113.506
1314.000	113.504	113.504	1315.000	113.502	113.502	1316.000	113.500	113.500	1317.000	113.498	113.498
1318.000	113.496	113.496	1319.000	113.494	113.494	1320.000	113.491	113.491	1321.000	113.489	113.489
1322.000	113.487	113.487	1323.000	113.485	113.485	1324.000	113.483	113.483	1325.000	113.481	113.481
1326.000	113.478	113.478	1327.000	113.476	113.476	1328.000	113.474	113.474	1329.000	113.472	113.472
1330.000	113.470	113.470	1331.000	113.467	113.467	1332.000	113.465	113.465	1333.000	113.463	113.463
1334.000	113.461	113.461	1335.000	113.459	113.459	1336.000	113.456	113.456	1337.000	113.454	113.454
1338.000	113.452	113.452	1339.000	113.450	113.450	1340.000	113.447	113.447	1341.000	113.445	113.445
1342.000	113.445	113.445	1343.000	113.444	113.444	1344.000	113.443	113.443	1345.000	113.443	113.443
1346.000	113.442	113.442	1347.000	113.441	113.441	1348.000	113.440	113.440	1349.000	113.440	113.440
1350.000	113.439	113.439	1351.000	113.438	113.438	1352.000	113.438	113.438	1353.000	113.437	113.437
1354.000	113.436	113.436	1355.000	113.436	113.436	1356.000	113.435	113.435	1357.000	113.434	113.434
1358.000	113.433	113.433	1359.000	113.433	113.433	1360.000	113.432	113.432	1361.000	113.431	113.431
1362.000	113.431	113.431	1363.000	113.430	113.430	1364.000	113.429	113.429	1365.000	113.428	113.428
1366.000	113.428	113.428	1367.000	113.427	113.427	1368.000	113.426	113.426	1369.000	113.425	113.425
1370.000	113.425	113.425	1371.000	113.424	113.424	1372.000	113.423	113.423	1373.000	113.422	113.422
1374.000	113.422	113.422	1375.000	113.421	113.421	1376.000	113.420	113.420	1377.000	113.419	113.419
1378.000	113.419	113.419	1379.000	113.418	113.418	1380.000	113.417	113.417	1381.000	113.416	113.416
1382.000	113.416	113.416	1383.000	113.415	113.415	1384.000	113.414	113.414	1385.000	113.413	113.413
1386.000	113.412	113.412	1387.000	113.412	113.412	1388.000	113.411	113.411	1389.000	113.410	113.410
1390.000	113.409	113.409	1391.000	113.408	113.408	1392.000	113.408	113.408	1393.000	113.407	113.407
1394.000	113.406	113.406	1395.000	113.405	113.405	1396.000	113.403	113.403	1397.000	113.402	113.402
1398.000	113.401	113.401	1399.000	113.400	113.400	1400.000	113.399	113.399	1401.000	113.398	113.398

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1402.000	113.397	113.397	1403.000	113.396	113.396	1404.000	113.395	113.395	1405.000	113.394	113.394
1406.000	113.392	113.392	1407.000	113.391	113.391	1408.000	113.390	113.390	1409.000	113.389	113.389
1410.000	113.388	113.388	1411.000	113.387	113.387	1412.000	113.386	113.386	1413.000	113.385	113.385
1414.000	113.383	113.383	1415.000	113.382	113.382	1416.000	113.381	113.381	1417.000	113.380	113.380
1418.000	113.379	113.379	1419.000	113.378	113.378	1420.000	113.377	113.377	1421.000	113.375	113.375
1422.000	113.374	113.374	1423.000	113.373	113.373	1424.000	113.372	113.372	1425.000	113.371	113.371
1426.000	113.370	113.370	1427.000	113.368	113.368	1428.000	113.367	113.367	1429.000	113.366	113.366
1430.000	113.365	113.365	1431.000	113.364	113.364	1432.000	113.363	113.363	1433.000	113.361	113.361
1434.000	113.360	113.360	1435.000	113.359	113.359	1436.000	113.358	113.358	1437.000	113.357	113.357
1438.000	113.355	113.355	1439.000	113.354	113.354	1440.000	113.353	113.353	1441.000	113.352	113.352
1442.000	113.351	113.351	1443.000	113.349	113.349	1444.000	113.348	113.348	1445.000	113.347	113.347
1446.000	113.346	113.346	1447.000	113.344	113.344	1448.000	113.343	113.343	1449.000	113.342	113.342
1450.000	113.341	113.341	1451.000	113.340	113.340	1452.000	113.338	113.338	1453.000	113.337	113.337
1454.000	113.336	113.336	1455.000	113.335	113.335	1456.000	113.333	113.333	1457.000	113.332	113.332
1458.000	113.331	113.331	1459.000	113.330	113.330	1460.000	113.328	113.328	1461.000	113.327	113.327
1462.000	113.326	113.326	1463.000	113.324	113.324	1464.000	113.323	113.323	1465.000	113.322	113.322
1466.000	113.321	113.321	1467.000	113.319	113.319	1468.000	113.318	113.318	1469.000	113.317	113.317
1470.000	113.316	113.316	1471.000	113.314	113.314	1472.000	113.313	113.313	1473.000	113.312	113.312
1474.000	113.310	113.310	1475.000	113.309	113.309	1476.000	113.308	113.308	1477.000	113.306	113.306
1478.000	113.305	113.305	1479.000	113.304	113.304	1480.000	113.302	113.302	1481.000	113.301	113.301
1482.000	113.300	113.300	1483.000	113.298	113.298	1484.000	113.297	113.297	1485.000	113.296	113.296
1486.000	113.294	113.294	1487.000	113.293	113.293	1488.000	113.292	113.292	1489.000	113.290	113.290
1490.000	113.289	113.289	1491.000	113.288	113.288	1492.000	113.286	113.286	1493.000	113.285	113.285
1494.000	113.284	113.284	1495.000	113.282	113.282	1496.000	113.281	113.281	1497.000	113.279	113.279
1498.000	113.278	113.278	1499.000	113.277	113.277	1500.000	113.275	113.275	1501.000	113.274	113.274
1502.000	113.272	113.272	1503.000	113.271	113.271	1504.000	113.270	113.270	1505.000	113.268	113.268
1506.000	113.264	113.264	1507.000	113.259	113.259	1508.000	113.255	113.255	1509.000	113.250	113.250
1510.000	113.246	113.246	1511.000	113.241	113.241	1512.000	113.236	113.236	1513.000	113.232	113.232
1514.000	113.227	113.227	1515.000	113.223	113.223	1516.000	113.218	113.218	1517.000	113.214	113.214
1518.000	113.209	113.209	1519.000	113.205	113.205	1520.000	113.200	113.200	1521.000	113.196	113.196
1522.000	113.191	113.191	1523.000	113.186	113.186	1524.000	113.182	113.182	1525.000	113.177	113.177
1526.000	113.173	113.173	1527.000	113.168	113.168	1528.000	113.164	113.164	1529.000	113.159	113.159
1530.000	113.154	113.154	1531.000	113.150	113.150	1532.000	113.145	113.145	1533.000	113.141	113.141
1534.000	113.136	113.136	1535.000	113.131	113.131	1536.000	113.127	113.127	1537.000	113.122	113.122
1538.000	113.118	113.118	1539.000	113.114	113.114	1540.000	113.110	113.110	1541.000	113.107	113.107
1542.000	113.103	113.103	1543.000	113.100	113.100	1544.000	113.096	113.096	1545.000	113.092	113.092
1546.000	113.088	113.088	1547.000	113.085	113.085	1548.000	113.081	113.081	1549.000	113.077	113.077

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1550.000	113.073	113.073	1551.000	113.069	113.069	1552.000	113.065	113.065	1553.000	113.061	113.061
1554.000	113.057	113.057	1555.000	113.053	113.053	1556.000	113.049	113.049	1557.000	113.045	113.045
1558.000	113.041	113.041	1559.000	113.037	113.037	1560.000	113.033	113.033	1561.000	113.028	113.028
1562.000	113.024	113.024	1563.000	113.020	113.020	1564.000	113.015	113.015	1565.000	113.011	113.011
1566.000	113.006	113.006	1567.000	113.002	113.002	1568.000	112.997	112.997	1569.000	112.993	112.993
1570.000	112.988	112.988	1571.000	112.984	112.984	1572.000	112.979	112.979	1573.000	112.974	112.974
1574.000	112.969	112.969	1575.000	112.964	112.964	1576.000	112.959	112.959	1577.000	112.955	112.955
1578.000	112.950	112.950	1579.000	112.945	112.945	1580.000	112.939	112.939	1581.000	112.934	112.934
1582.000	112.929	112.929	1583.000	112.924	112.924	1584.000	112.919	112.919	1585.000	112.913	112.913
1586.000	112.908	112.908	1587.000	112.902	112.902	1588.000	112.898	112.898	1589.000	112.893	112.893
1590.000	112.888	112.888	1591.000	112.883	112.883	1592.000	112.878	112.878	1593.000	112.873	112.873
1594.000	112.868	112.868	1595.000	112.862	112.862	1596.000	112.857	112.857	1597.000	112.852	112.852
1598.000	112.847	112.847	1599.000	112.842	112.842	1600.000	112.837	112.837	1601.000	112.832	112.832
1602.000	112.827	112.827	1603.000	112.822	112.822	1604.000	112.817	112.817	1605.000	112.812	112.812
1606.000	112.806	112.806	1607.000	112.801	112.801	1608.000	112.796	112.796	1609.000	112.791	112.791
1610.000	112.786	112.786	1611.000	112.781	112.781	1612.000	112.776	112.776	1613.000	112.771	112.771
1614.000	112.765	112.765	1615.000	112.760	112.760	1616.000	112.755	112.755	1617.000	112.750	112.750
1618.000	112.745	112.745	1619.000	112.740	112.740	1620.000	112.735	112.735	1621.000	112.729	112.729
1622.000	112.724	112.724	1623.000	112.719	112.719	1624.000	112.714	112.714	1625.000	112.709	112.709
1626.000	112.704	112.704	1627.000	112.698	112.698	1628.000	112.693	112.693	1629.000	112.688	112.688
1630.000	112.683	112.683	1631.000	112.678	112.678	1632.000	112.673	112.673	1633.000	112.667	112.667
1634.000	112.662	112.662	1635.000	112.657	112.657	1636.000	112.652	112.652	1637.000	112.647	112.647
1638.000	112.641	112.641	1639.000	112.636	112.636	1640.000	112.631	112.631	1641.000	112.626	112.626
1642.000	112.621	112.621	1643.000	112.617	112.617	1644.000	112.614	112.614	1645.000	112.611	112.611
1646.000	112.608	112.608	1647.000	112.605	112.605	1648.000	112.602	112.602	1649.000	112.599	112.599
1650.000	112.596	112.596	1651.000	112.593	112.593	1652.000	112.590	112.590	1653.000	112.587	112.587
1654.000	112.584	112.584	1655.000	112.581	112.581	1656.000	112.578	112.578	1657.000	112.575	112.575
1658.000	112.572	112.572	1659.000	112.569	112.569	1660.000	112.566	112.566	1661.000	112.563	112.563
1662.000	112.560	112.560	1663.000	112.557	112.557	1664.000	112.554	112.554	1665.000	112.551	112.551
1666.000	112.548	112.548	1667.000	112.545	112.545	1668.000	112.542	112.542	1669.000	112.538	112.538
1670.000	112.535	112.535	1671.000	112.532	112.532	1672.000	112.529	112.529	1673.000	112.526	112.526
1674.000	112.523	112.523	1675.000	112.520	112.520	1676.000	112.517	112.517	1677.000	112.514	112.514
1678.000	112.511	112.511	1679.000	112.508	112.508	1680.000	112.504	112.504	1681.000	112.501	112.501
1682.000	112.498	112.498	1683.000	112.495	112.495	1684.000	112.492	112.492	1685.000	112.489	112.489
1686.000	112.486	112.486	1687.000	112.483	112.483	1688.000	112.479	112.479	1689.000	112.476	112.476
1690.000	112.473	112.473	1691.000	112.470	112.470	1692.000	112.467	112.467	1693.000	112.464	112.464
1694.000	112.460	112.460	1695.000	112.457	112.457	1696.000	112.454	112.454	1697.000	112.451	112.451

Project: Clinton Flex Study  
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Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 1 Battery 1A 48-Hour Coping Study

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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1698.000	112.448	112.448	1699.000	112.445	112.445	1700.000	112.441	112.441	1701.000	112.438	112.438
1702.000	112.435	112.435	1703.000	112.432	112.432	1704.000	112.429	112.429	1705.000	112.426	112.426
1706.000	112.424	112.424	1707.000	112.422	112.422	1708.000	112.419	112.419	1709.000	112.417	112.417
1710.000	112.414	112.414	1711.000	112.412	112.412	1712.000	112.409	112.409	1713.000	112.407	112.407
1714.000	112.404	112.404	1715.000	112.402	112.402	1716.000	112.400	112.400	1717.000	112.397	112.397
1718.000	112.395	112.395	1719.000	112.392	112.392	1720.000	112.390	112.390	1721.000	112.387	112.387
1722.000	112.384	112.384	1723.000	112.382	112.382	1724.000	112.379	112.379	1725.000	112.377	112.377
1726.000	112.374	112.374	1727.000	112.372	112.372	1728.000	112.369	112.369	1729.000	112.367	112.367
1730.000	112.364	112.364	1731.000	112.362	112.362	1732.000	112.359	112.359	1733.000	112.356	112.356
1734.000	112.354	112.354	1735.000	112.351	112.351	1736.000	112.348	112.348	1737.000	112.346	112.346
1738.000	112.343	112.343	1739.000	112.341	112.341	1740.000	112.338	112.338	1741.000	112.335	112.335
1742.000	112.333	112.333	1743.000	112.330	112.330	1744.000	112.327	112.327	1745.000	112.325	112.325
1746.000	112.322	112.322	1747.000	112.319	112.319	1748.000	112.317	112.317	1749.000	112.314	112.314
1750.000	112.311	112.311	1751.000	112.308	112.308	1752.000	112.306	112.306	1753.000	112.303	112.303
1754.000	112.300	112.300	1755.000	112.297	112.297	1756.000	112.295	112.295	1757.000	112.292	112.292
1758.000	112.289	112.289	1759.000	112.286	112.286	1760.000	112.284	112.284	1761.000	112.281	112.281
1762.000	112.278	112.278	1763.000	112.275	112.275	1764.000	112.272	112.272	1765.000	112.269	112.269
1766.000	112.266	112.266	1767.000	112.262	112.262	1768.000	112.259	112.259	1769.000	112.255	112.255
1770.000	112.251	112.251	1771.000	112.248	112.248	1772.000	112.244	112.244	1773.000	112.241	112.241
1774.000	112.237	112.237	1775.000	112.233	112.233	1776.000	112.230	112.230	1777.000	112.226	112.226
1778.000	112.223	112.223	1779.000	112.219	112.219	1780.000	112.215	112.215	1781.000	112.212	112.212
1782.000	112.208	112.208	1783.000	112.204	112.204	1784.000	112.201	112.201	1785.000	112.197	112.197
1786.000	112.193	112.193	1787.000	112.190	112.190	1788.000	112.186	112.186	1789.000	112.182	112.182
1790.000	112.178	112.178	1791.000	112.175	112.175	1792.000	112.171	112.171	1793.000	112.167	112.167
1794.000	112.163	112.163	1795.000	112.160	112.160	1796.000	112.156	112.156	1797.000	112.152	112.152
1798.000	112.148	112.148	1799.000	112.144	112.144	1800.000	112.141	112.141	1801.000	112.137	112.137
1802.000	112.133	112.133	1803.000	112.129	112.129	1804.000	112.125	112.125	1805.000	112.121	112.121
1806.000	112.118	112.118	1807.000	112.114	112.114	1808.000	112.110	112.110	1809.000	112.106	112.106
1810.000	112.102	112.102	1811.000	112.098	112.098	1812.000	112.094	112.094	1813.000	112.090	112.090
1814.000	112.086	112.086	1815.000	112.082	112.082	1816.000	112.079	112.079	1817.000	112.075	112.075
1818.000	112.071	112.071	1819.000	112.067	112.067	1820.000	112.063	112.063	1821.000	112.059	112.059
1822.000	112.055	112.055	1823.000	112.051	112.051	1824.000	112.047	112.047	1825.000	112.043	112.043
1826.000	112.039	112.039	1827.000	112.035	112.035	1828.000	112.030	112.030	1829.000	112.026	112.026
1830.000	112.022	112.022	1831.000	112.018	112.018	1832.000	112.014	112.014	1833.000	112.010	112.010
1834.000	112.007	112.007	1835.000	112.003	112.003	1836.000	112.000	112.000	1837.000	111.996	111.996
1838.000	111.993	111.993	1839.000	111.989	111.989	1840.000	111.986	111.986	1841.000	111.982	111.982
1842.000	111.979	111.979	1843.000	111.975	111.975	1844.000	111.972	111.972	1845.000	111.968	111.968

Project: Clinton Flex Study  
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DIV 1 Battery 1A 48-Hour Coping Study

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Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1846.000	111.965	111.965	1847.000	111.961	111.961	1848.000	111.957	111.957	1849.000	111.954	111.954
1850.000	111.950	111.950	1851.000	111.947	111.947	1852.000	111.943	111.943	1853.000	111.939	111.939
1854.000	111.935	111.935	1855.000	111.931	111.931	1856.000	111.927	111.927	1857.000	111.923	111.923
1858.000	111.919	111.919	1859.000	111.914	111.914	1860.000	111.910	111.910	1861.000	111.906	111.906
1862.000	111.902	111.902	1863.000	111.897	111.897	1864.000	111.893	111.893	1865.000	111.889	111.889
1866.000	111.884	111.884	1867.000	111.880	111.880	1868.000	111.876	111.876	1869.000	111.871	111.871
1870.000	111.867	111.867	1871.000	111.862	111.862	1872.000	111.858	111.858	1873.000	111.853	111.853
1874.000	111.849	111.849	1875.000	111.844	111.844	1876.000	111.840	111.840	1877.000	111.835	111.835
1878.000	111.831	111.831	1879.000	111.826	111.826	1880.000	111.821	111.821	1881.000	111.817	111.817
1882.000	111.812	111.812	1883.000	111.807	111.807	1884.000	111.803	111.803	1885.000	111.798	111.798
1886.000	111.793	111.793	1887.000	111.789	111.789	1888.000	111.784	111.784	1889.000	111.779	111.779
1890.000	111.774	111.774	1891.000	111.769	111.769	1892.000	111.764	111.764	1893.000	111.760	111.760
1894.000	111.755	111.755	1895.000	111.750	111.750	1896.000	111.745	111.745	1897.000	111.741	111.741
1898.000	111.736	111.736	1899.000	111.731	111.731	1900.000	111.727	111.727	1901.000	111.722	111.722
1902.000	111.717	111.717	1903.000	111.712	111.712	1904.000	111.707	111.707	1905.000	111.703	111.703
1906.000	111.698	111.698	1907.000	111.693	111.693	1908.000	111.688	111.688	1909.000	111.683	111.683
1910.000	111.678	111.678	1911.000	111.673	111.673	1912.000	111.668	111.668	1913.000	111.663	111.663
1914.000	111.658	111.658	1915.000	111.653	111.653	1916.000	111.648	111.648	1917.000	111.642	111.642
1918.000	111.637	111.637	1919.000	111.632	111.632	1920.000	111.627	111.627	1921.000	111.622	111.622
1922.000	111.616	111.616	1923.000	111.611	111.611	1924.000	111.606	111.606	1925.000	111.600	111.600
1926.000	111.595	111.595	1927.000	111.589	111.589	1928.000	111.584	111.584	1929.000	111.579	111.579
1930.000	111.573	111.573	1931.000	111.567	111.567	1932.000	111.562	111.562	1933.000	111.556	111.556
1934.000	111.551	111.551	1935.000	111.545	111.545	1936.000	111.539	111.539	1937.000	111.534	111.534
1938.000	111.528	111.528	1939.000	111.522	111.522	1940.000	111.516	111.516	1941.000	111.510	111.510
1942.000	111.505	111.505	1943.000	111.499	111.499	1944.000	111.493	111.493	1945.000	111.487	111.487
1946.000	111.481	111.481	1947.000	111.475	111.475	1948.000	111.469	111.469	1949.000	111.462	111.462
1950.000	111.456	111.456	1951.000	111.450	111.450	1952.000	111.444	111.444	1953.000	111.438	111.438
1954.000	111.431	111.431	1955.000	111.425	111.425	1956.000	111.419	111.419	1957.000	111.412	111.412
1958.000	111.406	111.406	1959.000	111.399	111.399	1960.000	111.393	111.393	1961.000	111.386	111.386
1962.000	111.380	111.380	1963.000	111.373	111.373	1964.000	111.367	111.367	1965.000	111.360	111.360
1966.000	111.353	111.353	1967.000	111.346	111.346	1968.000	111.340	111.340	1969.000	111.333	111.333
1970.000	111.326	111.326	1971.000	111.318	111.318	1972.000	111.309	111.309	1973.000	111.299	111.299
1974.000	111.290	111.290	1975.000	111.281	111.281	1976.000	111.271	111.271	1977.000	111.262	111.262
1978.000	111.252	111.252	1979.000	111.242	111.242	1980.000	111.233	111.233	1981.000	111.223	111.223
1982.000	111.213	111.213	1983.000	111.203	111.203	1984.000	111.192	111.192	1985.000	111.182	111.182
1986.000	111.172	111.172	1987.000	111.161	111.161	1988.000	111.151	111.151	1989.000	111.140	111.140
1990.000	111.129	111.129	1991.000	111.119	111.119	1992.000	111.108	111.108	1993.000	111.097	111.097

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1994.000	111.085	111.085	1995.000	111.074	111.074	1996.000	111.063	111.063	1997.000	111.051	111.051
1998.000	111.039	111.039	1999.000	111.028	111.028	2000.000	111.016	111.016	2001.000	111.004	111.004
2002.000	110.992	110.992	2003.000	110.980	110.980	2004.000	110.967	110.967	2005.000	110.955	110.955
2006.000	110.942	110.942	2007.000	110.929	110.929	2008.000	110.916	110.916	2009.000	110.903	110.903
2010.000	110.890	110.890	2011.000	110.877	110.877	2012.000	110.864	110.864	2013.000	110.850	110.850
2014.000	110.836	110.836	2015.000	110.822	110.822	2016.000	110.808	110.808	2017.000	110.794	110.794
2018.000	110.780	110.780	2019.000	110.765	110.765	2020.000	110.751	110.751	2021.000	110.736	110.736
2022.000	110.721	110.721	2023.000	110.706	110.706	2024.000	110.691	110.691	2025.000	110.683	110.683
2026.000	110.675	110.675	2027.000	110.666	110.666	2028.000	110.658	110.658	2029.000	110.649	110.649
2030.000	110.641	110.641	2031.000	110.632	110.632	2032.000	110.624	110.624	2033.000	110.615	110.615
2034.000	110.607	110.607	2035.000	110.598	110.598	2036.000	110.589	110.589	2037.000	110.580	110.580
2038.000	110.572	110.572	2039.000	110.563	110.563	2040.000	110.554	110.554	2041.000	110.545	110.545
2042.000	110.536	110.536	2043.000	110.527	110.527	2044.000	110.518	110.518	2045.000	110.509	110.509
2046.000	110.500	110.500	2047.000	110.490	110.490	2048.000	110.481	110.481	2049.000	110.472	110.472
2050.000	110.462	110.462	2051.000	110.453	110.453	2052.000	110.444	110.444	2053.000	110.434	110.434
2054.000	110.425	110.425	2055.000	110.415	110.415	2056.000	110.405	110.405	2057.000	110.396	110.396
2058.000	110.386	110.386	2059.000	110.376	110.376	2060.000	110.366	110.366	2061.000	110.356	110.356
2062.000	110.346	110.346	2063.000	110.336	110.336	2064.000	110.326	110.326	2065.000	110.316	110.316
2066.000	110.306	110.306	2067.000	110.296	110.296	2068.000	110.286	110.286	2069.000	110.275	110.275
2070.000	110.265	110.265	2071.000	110.255	110.255	2072.000	110.244	110.244	2073.000	110.234	110.234
2074.000	110.223	110.223	2075.000	110.212	110.212	2076.000	110.202	110.202	2077.000	110.191	110.191
2078.000	110.180	110.180	2079.000	110.169	110.169	2080.000	110.158	110.158	2081.000	110.147	110.147
2082.000	110.136	110.136	2083.000	110.125	110.125	2084.000	110.114	110.114	2085.000	110.102	110.102
2086.000	110.087	110.087	2087.000	110.072	110.072	2088.000	110.056	110.056	2089.000	110.041	110.041
2090.000	110.025	110.025	2091.000	110.009	110.009	2092.000	109.993	109.993	2093.000	109.977	109.977
2094.000	109.961	109.961	2095.000	109.944	109.944	2096.000	109.925	109.925	2097.000	109.919	109.919
2098.000	109.911	109.911	2099.000	109.904	109.904	2100.000	109.897	109.897	2101.000	109.889	109.889
2102.000	109.881	109.881	2103.000	109.874	109.874	2104.000	109.866	109.866	2105.000	109.859	109.859
2106.000	109.851	109.851	2107.000	109.843	109.843	2108.000	109.836	109.836	2109.000	109.828	109.828
2110.000	109.820	109.820	2111.000	109.813	109.813	2112.000	109.805	109.805	2113.000	109.797	109.797
2114.000	109.789	109.789	2115.000	109.782	109.782	2116.000	109.774	109.774	2117.000	109.766	109.766
2118.000	109.758	109.758	2119.000	109.750	109.750	2120.000	109.745	109.745	2121.000	109.742	109.742
2122.000	109.738	109.738	2123.000	109.734	109.734	2124.000	109.731	109.731	2125.000	109.727	109.727
2126.000	109.723	109.723	2127.000	109.719	109.719	2128.000	109.716	109.716	2129.000	109.712	109.712
2130.000	109.708	109.708	2131.000	109.704	109.704	2132.000	109.700	109.700	2133.000	109.696	109.696
2134.000	109.693	109.693	2135.000	109.689	109.689	2136.000	109.685	109.685	2137.000	109.681	109.681
2138.000	109.677	109.677	2139.000	109.673	109.673	2140.000	109.669	109.669	2141.000	109.664	109.664

Project: Clinton Flex Study  
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## DIV 1 Battery 1A 48-Hour Coping Study

## DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2142.000	109.660	109.660	2143.000	109.656	109.656	2144.000	109.652	109.652	2145.000	109.648	109.648
2146.000	109.644	109.644	2147.000	109.639	109.639	2148.000	109.635	109.635	2149.000	109.631	109.631
2150.000	109.626	109.626	2151.000	109.622	109.622	2152.000	109.618	109.618	2153.000	109.613	109.613
2154.000	109.609	109.609	2155.000	109.604	109.604	2156.000	109.600	109.600	2157.000	109.595	109.595
2158.000	109.591	109.591	2159.000	109.586	109.586	2160.000	109.582	109.582	2161.000	109.577	109.577
2162.000	109.572	109.572	2163.000	109.568	109.568	2164.000	109.563	109.563	2165.000	109.558	109.558
2166.000	109.553	109.553	2167.000	109.548	109.548	2168.000	109.543	109.543	2169.000	109.539	109.539
2170.000	109.534	109.534	2171.000	109.529	109.529	2172.000	109.524	109.524	2173.000	109.519	109.519
2174.000	109.513	109.513	2175.000	109.508	109.508	2176.000	109.503	109.503	2177.000	109.498	109.498
2178.000	109.493	109.493	2179.000	109.487	109.487	2180.000	109.482	109.482	2181.000	109.477	109.477
2182.000	109.471	109.471	2183.000	109.466	109.466	2184.000	109.461	109.461	2185.000	109.455	109.455
2186.000	109.450	109.450	2187.000	109.444	109.444	2188.000	109.438	109.438	2189.000	109.433	109.433
2190.000	109.427	109.427	2191.000	109.421	109.421	2192.000	109.415	109.415	2193.000	109.410	109.410
2194.000	109.404	109.404	2195.000	109.398	109.398	2196.000	109.392	109.392	2197.000	109.386	109.386
2198.000	109.380	109.380	2199.000	109.374	109.374	2200.000	109.367	109.367	2201.000	109.361	109.361
2202.000	109.355	109.355	2203.000	109.349	109.349	2204.000	109.342	109.342	2205.000	109.336	109.336
2206.000	109.329	109.329	2207.000	109.323	109.323	2208.000	109.316	109.316	2209.000	109.310	109.310
2210.000	109.303	109.303	2211.000	109.296	109.296	2212.000	109.290	109.290	2213.000	109.283	109.283
2214.000	109.276	109.276	2215.000	109.267	109.267	2216.000	109.257	109.257	2217.000	109.247	109.247
2218.000	109.237	109.237	2219.000	109.226	109.226	2220.000	109.215	109.215	2221.000	109.204	109.204
2222.000	109.193	109.193	2223.000	109.181	109.181	2224.000	109.169	109.169	2225.000	109.157	109.157
2226.000	109.145	109.145	2227.000	109.133	109.133	2228.000	109.120	109.120	2229.000	109.107	109.107
2230.000	109.094	109.094	2231.000	109.081	109.081	2232.000	109.067	109.067	2233.000	109.054	109.054
2234.000	109.039	109.039	2235.000	109.025	109.025	2236.000	109.011	109.011	2237.000	108.996	108.996
2238.000	108.981	108.981	2239.000	108.965	108.965	2240.000	108.949	108.949	2241.000	108.933	108.933
2242.000	108.917	108.917	2243.000	108.900	108.900	2244.000	108.883	108.883	2245.000	108.866	108.866
2246.000	108.848	108.848	2247.000	108.830	108.830	2248.000	108.811	108.811	2249.000	108.792	108.792
2250.000	108.773	108.773	2251.000	108.753	108.753	2252.000	108.733	108.733	2253.000	108.714	108.714
2254.000	108.702	108.702	2255.000	108.690	108.690	2256.000	108.678	108.678	2257.000	108.666	108.666
2258.000	108.654	108.654	2259.000	108.642	108.642	2260.000	108.629	108.629	2261.000	108.617	108.617
2262.000	108.605	108.605	2263.000	108.592	108.592	2264.000	108.579	108.579	2265.000	108.567	108.567
2266.000	108.554	108.554	2267.000	108.541	108.541	2268.000	108.528	108.528	2269.000	108.514	108.514
2270.000	108.501	108.501	2271.000	108.488	108.488	2272.000	108.474	108.474	2273.000	108.461	108.461
2274.000	108.447	108.447	2275.000	108.433	108.433	2276.000	108.419	108.419	2277.000	108.405	108.405
2278.000	108.390	108.390	2279.000	108.376	108.376	2280.000	108.361	108.361	2281.000	108.346	108.346
2282.000	108.331	108.331	2283.000	108.316	108.316	2284.000	108.301	108.301	2285.000	108.285	108.285
2286.000	108.270	108.270	2287.000	108.254	108.254	2288.000	108.239	108.239	2289.000	108.223	108.223

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 1 Battery 1A 48-Hour Coping Study

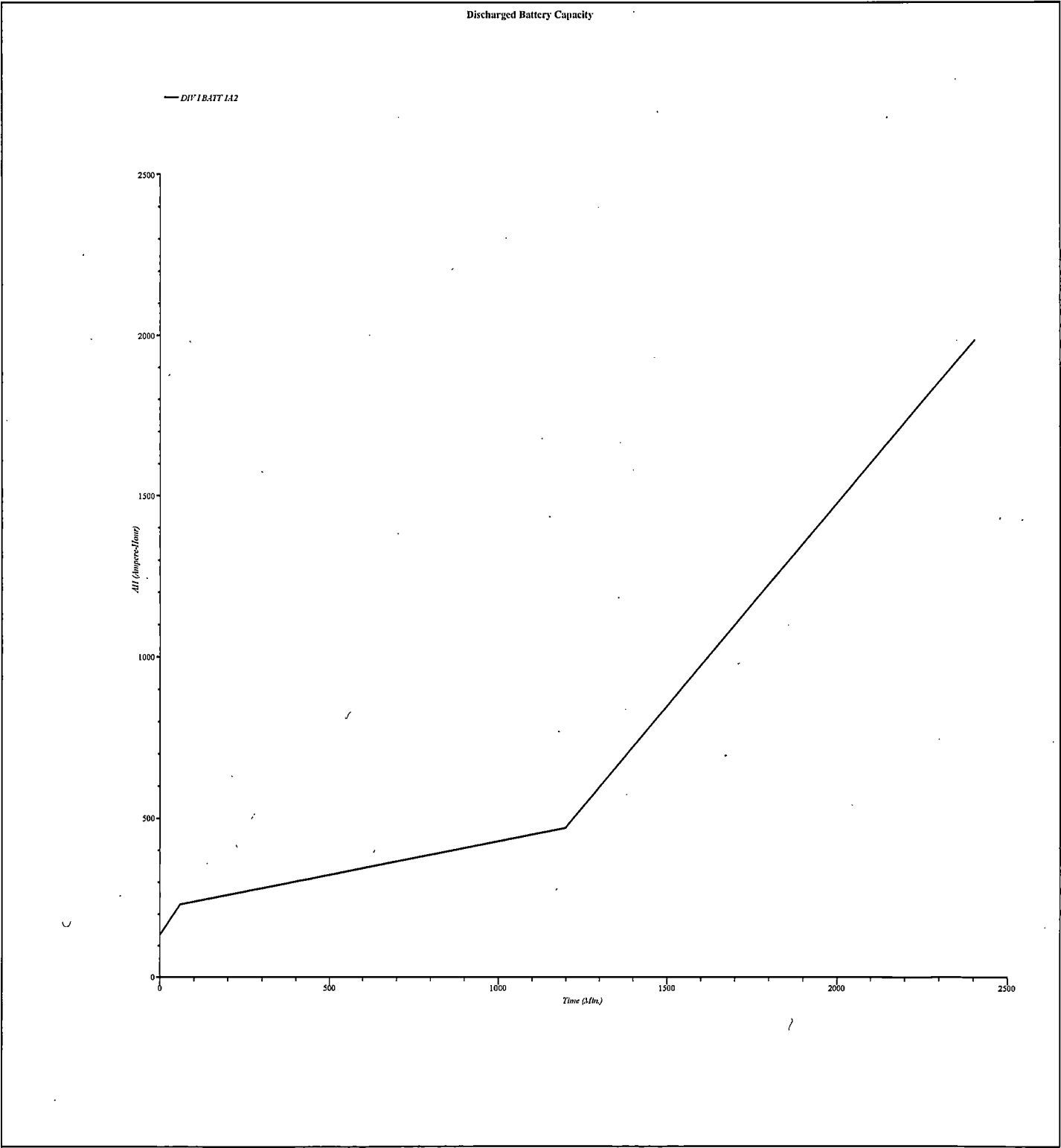
## DC MCC 1A2

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
2290.000	108.207	108.207	2291.000	108.191	108.191	2292.000	108.175	108.175	2293.000	108.158	108.158
2294.000	108.142	108.142	2295.000	108.125	108.125	2296.000	108.109	108.109	2297.000	108.092	108.092
2298.000	108.075	108.075	2299.000	108.058	108.058	2300.000	108.040	108.040	2301.000	108.023	108.023
2302.000	108.005	108.005	2303.000	107.991	107.991	2304.000	107.980	107.980	2305.000	107.968	107.968
2306.000	107.957	107.957	2307.000	107.946	107.946	2308.000	107.934	107.934	2309.000	107.923	107.923
2310.000	107.911	107.911	2311.000	107.900	107.900	2312.000	107.888	107.888	2313.000	107.877	107.877
2314.000	107.865	107.865	2315.000	107.854	107.854	2316.000	107.842	107.842	2317.000	107.830	107.830
2318.000	107.819	107.819	2319.000	107.807	107.807	2320.000	107.795	107.795	2321.000	107.784	107.784
2322.000	107.772	107.772	2323.000	107.760	107.760	2324.000	107.748	107.748	2325.000	107.737	107.737
2326.000	107.725	107.725	2327.000	107.713	107.713	2328.000	107.701	107.701	2329.000	107.689	107.689
2330.000	107.677	107.677	2331.000	107.665	107.665	2332.000	107.653	107.653	2333.000	107.642	107.642
2334.000	107.630	107.630	2335.000	107.618	107.618	2336.000	107.606	107.606	2337.000	107.594	107.594
2338.000	107.581	107.581	2339.000	107.569	107.569	2340.000	107.557	107.557	2341.000	107.545	107.545
2342.000	107.533	107.533	2343.000	107.521	107.521	2344.000	107.509	107.509	2345.000	107.496	107.496
2346.000	107.484	107.484	2347.000	107.472	107.472	2348.000	107.460	107.460	2349.000	107.447	107.447
2350.000	107.435	107.435	2351.000	107.423	107.423	2352.000	107.410	107.410	2353.000	107.398	107.398
2354.000	107.385	107.385	2355.000	107.373	107.373	2356.000	107.361	107.361	2357.000	107.348	107.348
2358.000	107.336	107.336	2359.000	107.323	107.323	2360.000	107.310	107.310	2361.000	107.294	107.294
2362.000	107.279	107.279	2363.000	107.264	107.264	2364.000	107.249	107.249	2365.000	107.233	107.233
2366.000	107.218	107.218	2367.000	107.202	107.202	2368.000	107.186	107.186	2369.000	107.171	107.171
2370.000	107.155	107.155	2371.000	107.139	107.139	2372.000	107.123	107.123	2373.000	107.108	107.108
2374.000	107.092	107.092	2375.000	107.075	107.075	2376.000	107.059	107.059	2377.000	107.043	107.043
2378.000	107.025	107.025	2379.000	107.011	107.011	2380.000	106.996	106.996	2381.000	106.980	106.980
2382.000	106.964	106.964	2383.000	106.947	106.947	2384.000	106.931	106.931	2385.000	106.914	106.914
2386.000	106.897	106.897	2387.000	106.880	106.880	2388.000	106.863	106.863	2389.000	106.845	106.845
2390.000	106.827	106.827	2391.000	106.809	106.809	2392.000	106.791	106.791	2393.000	106.772	106.772
2394.000	106.754	106.754	2395.000	106.734	106.734	2396.000	106.715	106.715	2397.000	106.696	106.696
2398.000	106.676	106.676	2399.000	106.655	106.655	2400.000	106.635	106.635	2401.000	106.614	106.614
2402.000	106.593	106.593	2403.000	106.572	106.572	2403.333	106.565	119.654			

Project:	Clinton Flex Study	ETAP	Date:	11-17-2018
Location:	KCI	14.1.0N	SN:	KCICONSLT
Contract:			Revision:	Base
Engineer:	Badar Hussain	Study Case: BS1A1RCIC-48	Config.:	Normal

DIV 1 Battery 1A 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1A2 Sizing 48 Hr



Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain

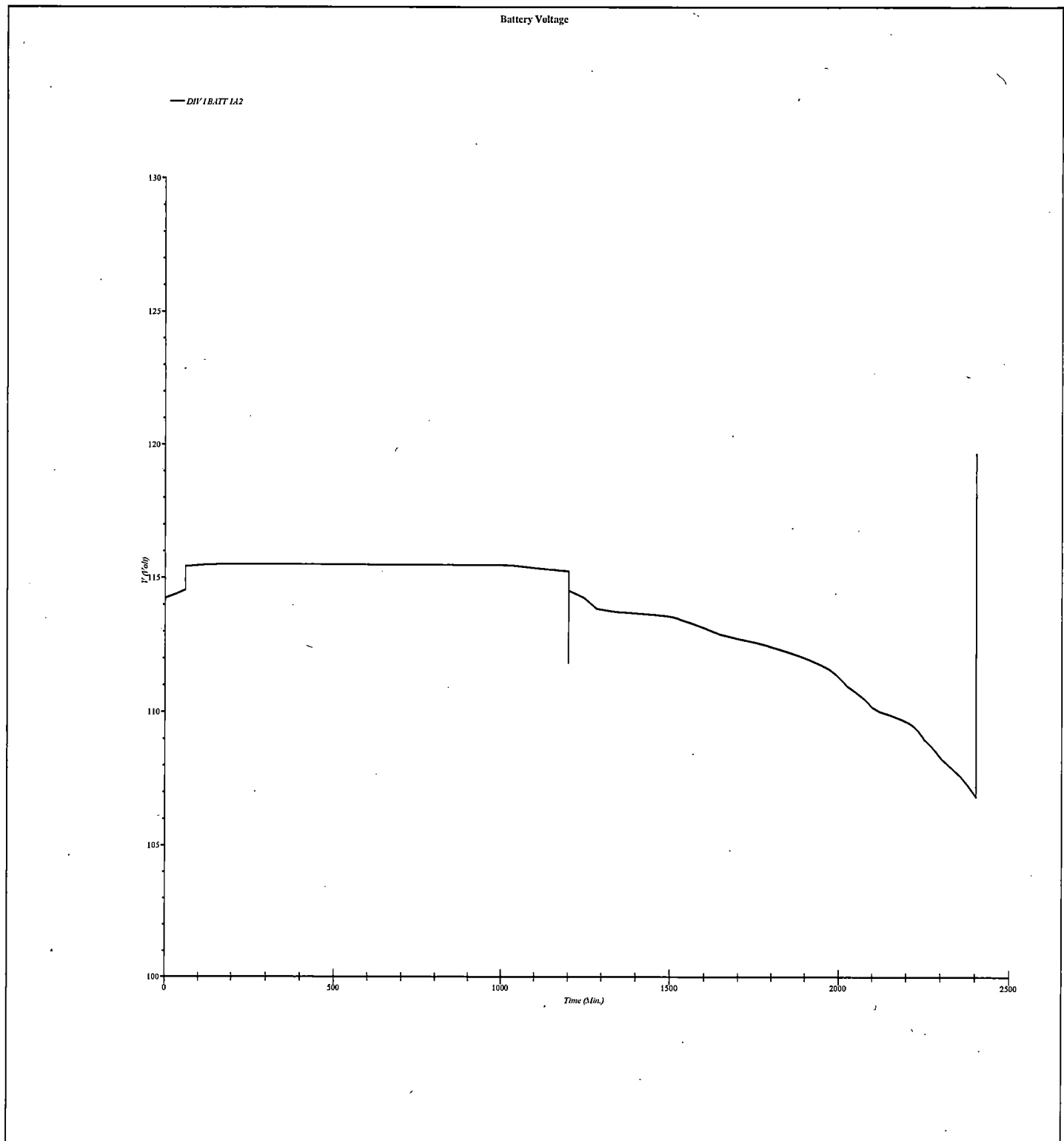
ETAP  
14.1.0N

Study Case: BS1A1RCIC-48

Date: 11-17-2018  
SN: KCiconsult  
Revision: Base  
Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1A2 Sizing 48 Hr



Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain

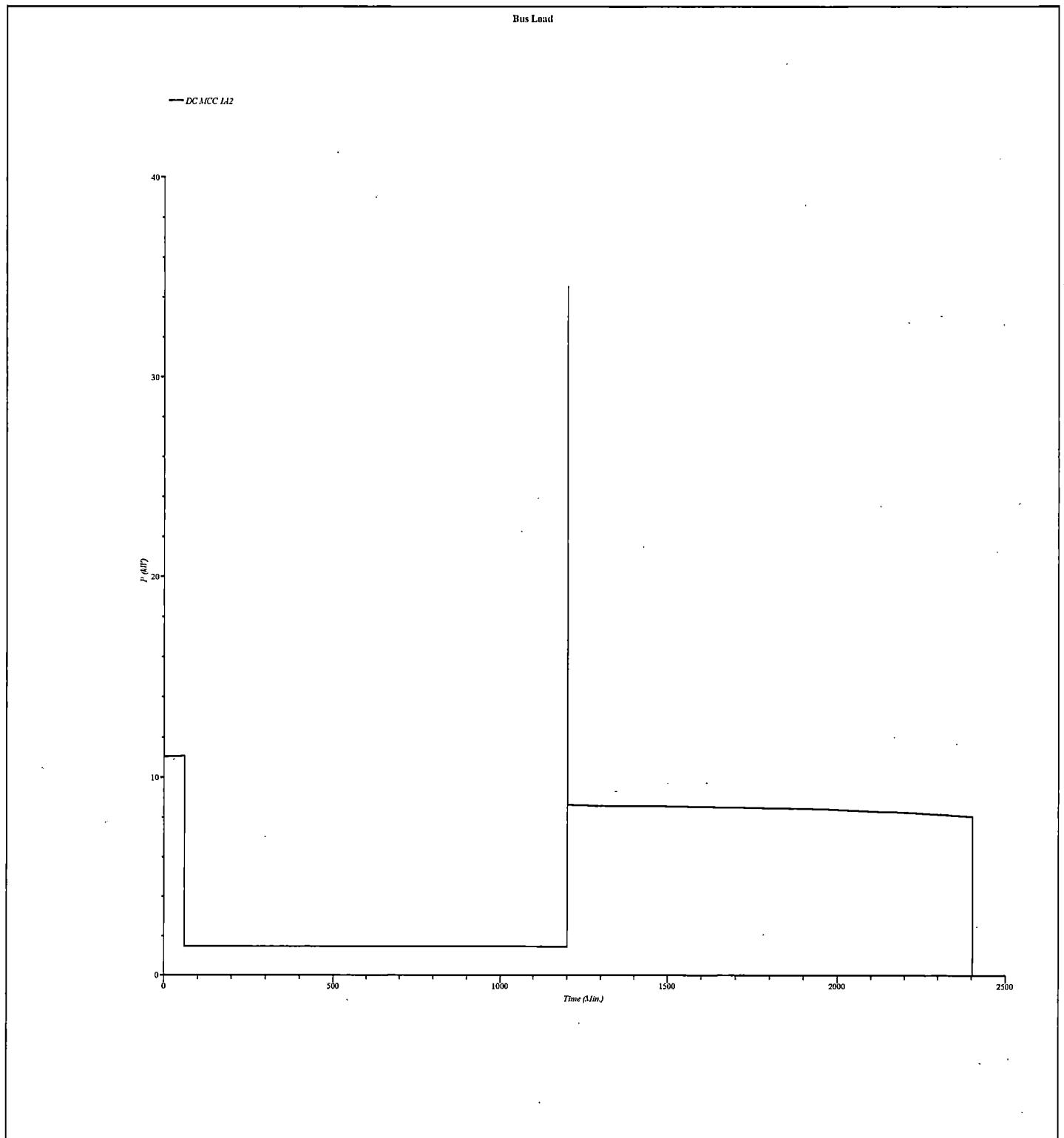
ETAP  
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Study Case: BS1A1RCIC-48

Date: 11-17-2018  
SN: KCiconsult  
Revision: Base  
Config: Normal

DIV 1 Battery 1A 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1A2 Sizing 48 Hr



Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain

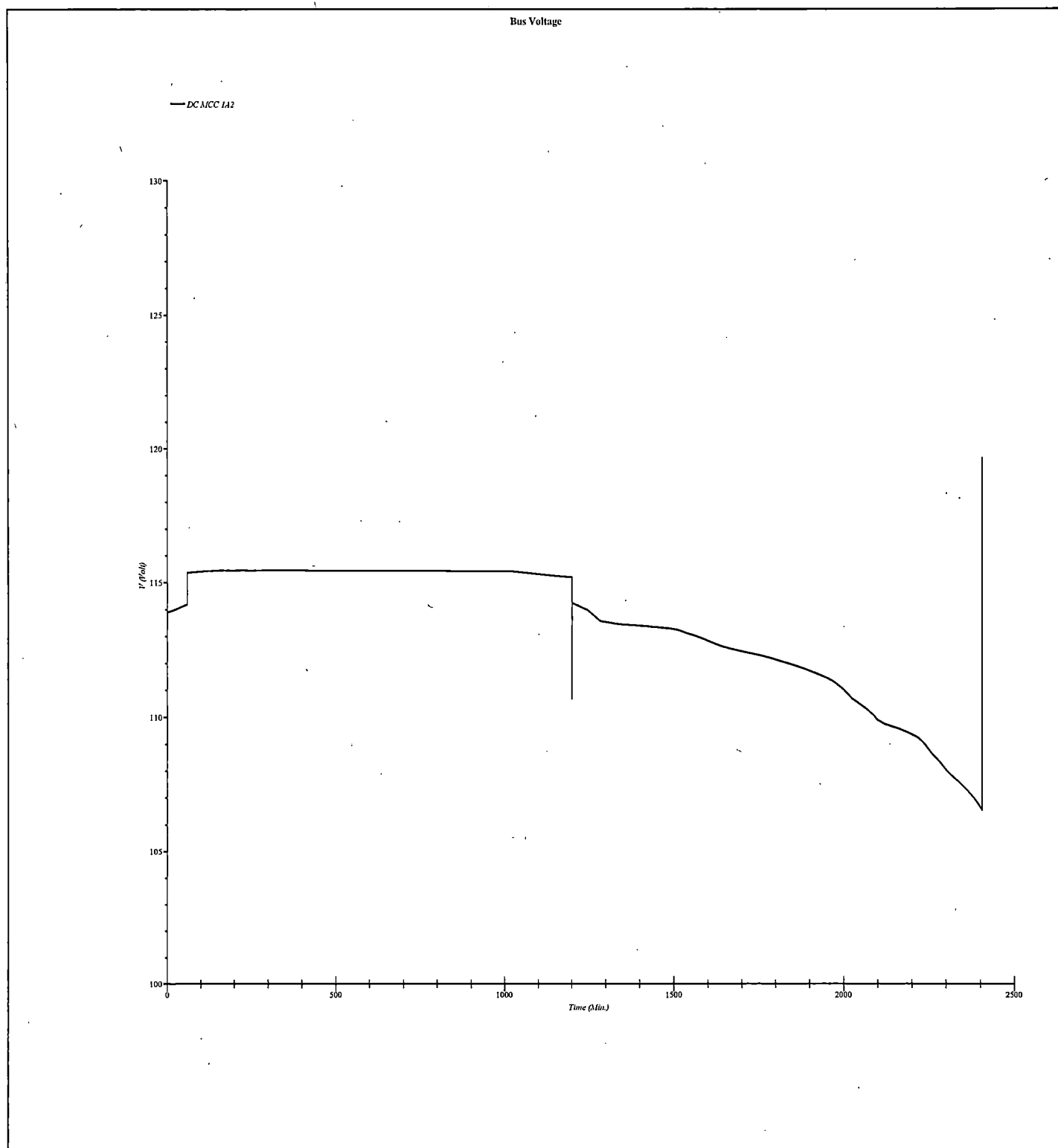
ETAP  
14.1.0N

Study Case: BS1A1RCIC-48

Date: 11-17-2018  
SN: KCiconsult  
Revision: Base  
Config.: Normal

DIV 1 Battery 1A 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1A2 Sizing 48 Hr



Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

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 Study Case: BS1B-48

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 Date: 11-17-2018  
 SN: KCiconsult  
 Revision: Base  
 Config.: Normal

DIV 2 Battery 1B 48-Hour Coping Study

**Electrical Transient Analyzer Program**

**Battery Sizing Calculation**

Battery ID: DIV II BATT 1B  
 Duty Cycle Category: Normal  
 Duty Cycle from: DC Load Flow Calculation  
 Load Duration: Duty Cycle Span  
 Diversity Factor: 100 %

	<u>Voltage Reg.</u>	<u>Load</u>	<u>Total</u>
Number of Buses:	0	2	2

	<u>Charger</u>	<u>UPS</u>	<u>Inverter</u>	<u>DC Converter</u>	<u>Total</u>
Number of Converters:	0	0	0	0	0

	<u>Cable</u>	<u>Impedance</u>	<u>Tie PD</u>	<u>Total</u>
Number of Branches:	1	0	0	1

	<u>Battery</u>
Number of Batteries:	1

	<u>Motor</u>	<u>Static Load</u>	<u>Lumped Load</u>	<u>Composite CSD</u>	<u>Total</u>
Number of Loads:	0	7	0	0	7

Unit System: English  
 Project File: CPS SBO Study  
 Output File: C:\Badar\CLINTON DC\CPS SBO Study\BATT 1B Sizing 48 Hr.DB1S

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Study Case: BS1B-48

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Revision: Base  
Config.: Normal

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DIV 2 Battery 1B 48-Hour Coping Study

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**Bus and Connected Load Data**

Bus		Connected Load			
ID	V	ID	Type	V	FLA
DC MCC 1B	125.00	1BLoad(0s-1s)	Static Load	120.00	383.50
DC MCC 1B	125.00	1BLoad(1s-60s)	Static Load	120.00	244.80
DC MCC 1B	125.00	1BLoad(60s-1h)	Static Load	120.00	226.20
DC MCC 1B	125.00	1BLoad(1h-24h)	Static Load	120.00	42.09
DC MCC 1B	125.00	1BLoad(24h-48h)	Static Load	120.00	42.09
DC MCC 1B	125.00	1B ADS(1h-24h)	Static Load	120.00	0.38
DC MCC 1B	125.00	1B ADS(24h-48h)	Static Load	120.00	0.38

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

DIV 2 Battery 1B 48-Hour Coping Study

**Cable Input Data**

Cable		Connected Buses		ohms or micro H / 1000 ft per Conductor				
ID	From	To	Length(ft)	#/Phase	T (°C)	R	L	
1DC03A/B	BATT 1B BUS	DC MCC 1B	10.0	1	90	0.10100	0.00	

Cable resistance listed at the specified temperature

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Filename:	CPS SBO Study		Config.:	Normal

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DIV 2 Battery 1B 48-Hour Coping Study

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**Branch / Converter / UPS Connections**

CKT/Branch		Connected Bus ID		Impedance	
ID	Type	From Bus	To Bus	(ohm)	(%) 100 MVAb
1DC03A/B	Cable	BATT 1B BUS	DC MCC 1B	0.00239	1667.90

Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

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DIV 2 Battery 1B 48-Hour Coping Study

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**Duty Cycle**

**Load ID: 1BADS(1h-24h)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
3600.000	86599.980	0.38		

**Load ID: 1BADS(24h-48h)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
86599.980	90199.980	0.38		

**Load ID: 1BLoad(0s-1s)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
0.000	1.000	383.50		

**Load ID: 1BLoad(1h-24h)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
3600.000	86599.980	42.09		

**Load ID: 1BLoad(1s-60s)**

**Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
1.000	60.000	244.80		

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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**DIV 2 Battery 1B 48-Hour Coping Study**

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**Load ID: 1BLoad(24h-48h)****Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
86599.980	90199.980	42.09		

**Load ID: 1BLoad(60s-1h)****Constant Current Load**

Non-Random Load			Random Load	
t1 (s)	t2 (s)	Amp	Duration (s)	Amp
60.000	3600.000	226.20		

Project: Clinton Flex Study  
 Location: KCI  
 Contract:  
 Engineer: Badar Hussain  
 Filename: CPS SBO Study

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 Config.: Normal

DIV 2 Battery 1B 48-Hour Coping Study

Battery ID: DIV II BATT 1B

Method: Load Flow Calculation

**Battery Load Profile for Sizing**

Non-Random Load			Random Load		
t1 (s)	t2 (s)	Amp	t1 (s)	t2 (s)	Amp
0.000	60.000	383.50	0.000	0.000	0.00
60.000	3600.000	226.20			
3600.000	90199.980	42.47			
90199.980		0.00			

**Battery Load Profile for Discharge**

Non-Random Load			Random Load		
t1 (s)	t2 (s)	Amp	t1 (s)	t2 (s)	Amp
0.000	1.000	383.50	0.000	0.000	0.00
1.000	60.000	244.80			
60.000	3600.000	226.20			
3600.000	90199.980	42.47			
90199.980		0.00			

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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Study Case: BS1B-48

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Revision: Base  
Config.: Normal

#### DIV 2 Battery 1B 48-Hour Coping Study

#### Battery Characteristics

MFR: C&D Tech  
Model: CPS LCR-17  
Type: Time vs amp

V/Cell: 2.063  
Rp: 0.001384 Resistance/Positive Plate  
Temp: 25 °C

No of Plates: 17  
Capacity: 1200 AH  
1 Min. A Rate: 1176

Battery sizes given in the library are used.

#### Ampere per Positive Plate as a Function of Time (minutes) and Voltage (volts)

Time	1.75	1.78	1.81 #	1.85	1.90	1.95
1.00	147.00	127.25	107.13	82.50	49.35	21.00
15.00	120.50	108.25	94.63	75.38	47.15	20.74
30.00	100.50	92.63	83.25	68.38	44.10	19.10
60.00	76.00	71.63	66.25	56.75	38.19	18.60
120.00	52.00	49.88	47.00	41.63	29.70	18.00
180.00	40.00	38.50	36.63	33.00	24.89	14.70
240.00	31.20	31.63	30.25	27.50	20.00	12.00
300.00	27.50	26.75	24.80	23.63	17.75	10.80
480.00	18.88	18.50	17.88	16.75	13.46	8.90
720.00	13.38	13.13	12.75	12.13	10.00	6.65
960.00	10.70	10.34	10.10	9.35	7.85	5.35
1200.00	8.74	8.50	8.30	7.74	6.60	4.60
1440.00	7.40	7.30	7.15	6.70	5.65	4.10
1920.00	5.70	5.64	5.50	5.24	4.56	3.30
2400.00	4.70	4.62	4.58	4.38	3.80	2.80
2880.00	4.00	3.88	3.85	3.70	3.25	2.45

# Indicates the curve used in battery sizing.

\* The ampere value is missing in the battery library and this value was estimated based on user entered library data.

Project: Clinton Flex Study  
Location: KCI  
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DIV 2 Battery 1B 48-Hour Coping Study

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**Calculation Results**

(1 Strings)

Section Size for Non-Rand. Load					Section Size for Rand. Load				
#	t start	t end	Size/String	Total Size	#	t start	t end	Size/String	Total Size
1	0.000	1.000	3.580	3.580	0	0.000	0.000	0.000	0.000
2	0.000	60.000	3.427	3.427					
3	0.000	1503.333	7.166	7.166					

Project: Clinton Flex Study  
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## DIV 2 Battery 1B 48-Hour Coping Study

Non-Random Loads

(1 Strings)

Period	Load (amperes)	Change in Load (amperes)	Duration of Period (minutes)	Time to End of Section (minutes)	Capacity at T Min Rate (RT) (Str*Amp/PP)	Required Section Size (Positive Plates/String)		Required Total Section Size (Positive Plates)	
						Pos. Values	Neg. Values	Pos. Values	Neg. Values
Section 1 - First period only - If A2 is greater than A1, go to Section 2.									
1	A1=384	A1-0=384	M1=1	T=M1=1	107.1	3.58		3.58	
Section 1 Sub-Total:						3.58		3.58	
Total:						3.58		3.58	
Section 2 - First two periods only - If A3 is greater than A2, go to Section 3.									
1	A1=384	A1-0=384	M1=1	T=M1+M2=60	66.3	5.79		5.79	
2	A2=226	A2-A1=-157	M2=59	T=M2=59	66.6		-2.36		-2.36
Section 2 Sub-Total:						5.79	-2.36	5.79	-2.36
Total:						3.43		3.43	
Section 3 - First three periods only - If A4 is greater than A3, go to Section 4.									
1	A1=384	A1-0=384	M1=1	T=M1+M2+M3=1,503	6.9	55.78		55.78	
2	A2=226	A2-A1=-157	M2=59	T=M2+M3=1,502	6.9		-22.87		-22.87
3	A3=42	A3-A2=-184	M3=1,443	T=M3=1,443	7.1		-25.75		-25.75
Section 3 Sub-Total:						55.78	-48.62	55.78	-48.62
Total:						7.17		7.17	

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## DIV 2 Battery 1B 48-Hour Coping Study

**Battery Sizing Summary Page**

**Battery ID:** DIV II BATT 1B  
**Duty Cycle Category:** Normal  
**Load Duration:** Duty Cycle Span

**Voltage Requirements:**

**System:** Nominal Voltage = 125.00  
Maximum System Voltage Deviation = 120 %  
Minimum System Voltage Deviation = 80 %

**Battery:** Battery Charge Voltage = 2.30 V/Cell  
Battery Minimum Discharge Voltage = 1.81 V/Cell  
Temperature = 16 °C (Battery minimum temperature)  
Desirable Number of Cells = 58

**Correction Factors (%):**

Temperature	Design Margin	Aging	Initial Capacity	Total
111.1	100	100	100	111.1

**Calculated BatterySize Based on the Curve for 17 Plates:****Required Number of Positive Plates**

	Per String	Total
Max. Non-Rand. Load:	7.166	7.166
Max Rand. Load:	0.000	0.000
Uncorrected:	7.166	7.166
Corrected:	7.958	7.958 (Corrected by multiplying correction factor)

Recommended Number of Total Plates per String: 17

Number of cells: 58  
Number of Strings: 1  
Rated Voltage: 119.65  
Rated Capacity: 1200

**Existing Battery:**

Number of Strings: 1  
Number of Positive Plates per String: 8  
Number of Total Positive Plates: 8  
Difference in Total Positive Plates between Existing and Required: 0.042

Project: Clinton Flex Study  
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DIV 2 Battery 1B 48-Hour Coping Study

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**Battery Discharge Summary Page**

**Battery ID:** DIV II BATT 1B  
**Number of cells:** 58  
**Number of Strings:** 1  
**Rated Voltage:** 119.65  
**Rated Capacity:** 1200 AH  
**Duty Cycle Category:** Normal  
**Load Duration:** Duty Cycle Span

**Voltage Requirements:**

**System:** Nominal Voltage = 125.00  
Maximum System Voltage Deviation = 120 %  
Minimum System Voltage Deviation = 80 %  
  
**Battery:** Battery Charge Voltage = 2.30 V/Cell  
Battery Minimum Discharge Voltage = 1.81 V/Cell  
Temperature = 16 °C (Battery minimum temperature)

**Voltage Drop Calculation Parameters:**

Time Step = 1.00 Minute  
Maximum Voltage Limit = 100.0 %

**Voltage Drop Calculation Parameters:**

Load Duty Cycle - No One-minute Span

**Correction Factors (%):**

Temperature	Aging	Initial Capacity	Total
111.1	100	100	111.1

Project: Clinton Flex Study  
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DIV 2 Battery 1B 48-Hour Coping Study

Battery Discharge Tabulation

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
0.000	383.5	119.48	119.654	110.037	0.017	244.8	119.58	110.037	111.852
1.000	226.2	123.59	111.843	112.091	2.000	226.2	127.36	112.084	112.084
3.000	226.2	131.13	112.077	112.077	4.000	226.2	134.90	112.070	112.070
5.000	226.2	138.67	112.062	112.062	6.000	226.2	142.44	112.055	112.055
7.000	226.2	146.21	112.048	112.048	8.000	226.2	149.98	112.041	112.041
9.000	226.2	153.75	112.034	112.034	10.000	226.2	157.52	112.027	112.027
11.000	226.2	161.29	112.020	112.020	12.000	226.2	165.06	112.013	112.013
13.000	226.2	168.83	112.006	112.006	14.000	226.2	172.60	111.999	111.999
15.000	226.2	176.37	111.992	111.992	16.000	226.2	180.14	111.983	111.983
17.000	226.2	183.91	111.975	111.975	18.000	226.2	187.68	111.966	111.966
19.000	226.2	191.45	111.957	111.957	20.000	226.2	195.22	111.948	111.948
21.000	226.2	198.99	111.938	111.938	22.000	226.2	202.76	111.929	111.929
23.000	226.2	206.53	111.920	111.920	24.000	226.2	210.30	111.910	111.910
25.000	226.2	214.07	111.900	111.900	26.000	226.2	217.84	111.891	111.891
27.000	226.2	221.61	111.881	111.881	28.000	226.2	225.38	111.871	111.871
29.000	226.2	229.15	111.860	111.860	30.000	226.2	232.92	111.850	111.850
31.000	226.2	236.69	111.840	111.840	32.000	226.2	240.46	111.829	111.829
33.000	226.2	244.23	111.818	111.818	34.000	226.2	248.00	111.807	111.807
35.000	226.2	251.77	111.796	111.796	36.000	226.2	255.54	111.785	111.785
37.000	226.2	259.31	111.774	111.774	38.000	226.2	263.08	111.762	111.762
39.000	226.2	266.85	111.750	111.750	40.000	226.2	270.62	111.738	111.738
41.000	226.2	274.39	111.726	111.726	42.000	226.2	278.16	111.714	111.714
43.000	226.2	281.93	111.702	111.702	44.000	226.2	285.70	111.689	111.689
45.000	226.2	289.47	111.671	111.671	46.000	226.2	293.24	111.646	111.646
47.000	226.2	297.01	111.621	111.621	48.000	226.2	300.78	111.596	111.596
49.000	226.2	304.55	111.571	111.571	50.000	226.2	308.32	111.545	111.545
51.000	226.2	312.09	111.519	111.519	52.000	226.2	315.86	111.493	111.493
53.000	226.2	319.63	111.467	111.467	54.000	226.2	323.40	111.441	111.441
55.000	226.2	327.17	111.414	111.414	56.000	226.2	330.94	111.388	111.388
57.000	226.2	334.71	111.362	111.362	58.000	226.2	338.48	111.336	111.336
59.000	226.2	342.25	111.310	111.310	60.000	42.5	346.02	111.284	114.437
61.000	42.5	346.73	114.432	114.432	62.000	42.5	347.44	114.427	114.427
63.000	42.5	348.15	114.422	114.422	64.000	42.5	348.85	114.417	114.417
65.000	42.5	349.56	114.412	114.412	66.000	42.5	350.27	114.407	114.407

Project: Clinton Flex Study  
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## DIV 2 Battery 1B 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
67.000	42.5	350.98	* 114.402	* 114.402	68.000	42.5	351.69	* 114.397	* 114.397
69.000	42.5	352.39	* 114.392	* 114.392	70.000	42.5	353.10	* 114.385	* 114.385
71.000	42.5	353.81	* 114.375	* 114.375	72.000	42.5	354.52	* 114.365	* 114.365
73.000	42.5	355.22	* 114.355	* 114.355	74.000	42.5	355.93	* 114.345	* 114.345
75.000	42.5	356.64	* 114.335	* 114.335	76.000	42.5	357.35	* 114.325	* 114.325
77.000	42.5	358.06	* 114.316	* 114.316	78.000	42.5	358.76	* 114.306	* 114.306
79.000	42.5	359.47	* 114.296	* 114.296	80.000	42.5	360.18	* 114.286	* 114.286
81.000	42.5	360.89	* 114.277	* 114.277	82.000	42.5	361.59	* 114.267	* 114.267
83.000	42.5	362.30	* 114.257	* 114.257	84.000	42.5	363.01	* 114.248	* 114.248
85.000	42.5	363.72	* 114.238	* 114.238	86.000	42.5	364.43	* 114.228	* 114.228
87.000	42.5	365.13	* 114.219	* 114.219	88.000	42.5	365.84	* 114.209	* 114.209
89.000	42.5	366.55	* 114.200	* 114.200	90.000	42.5	367.26	* 114.190	* 114.190
91.000	42.5	367.97	* 114.181	* 114.181	92.000	42.5	368.67	* 114.171	* 114.171
93.000	42.5	369.38	* 114.162	* 114.162	94.000	42.5	370.09	* 114.152	* 114.152
95.000	42.5	370.80	* 114.143	* 114.143	96.000	42.5	371.50	* 114.134	* 114.134
97.000	42.5	372.21	* 114.124	* 114.124	98.000	42.5	372.92	* 114.115	* 114.115
99.000	42.5	373.63	* 114.106	* 114.106	100.000	42.5	374.34	* 114.096	* 114.096
101.000	42.5	375.04	* 114.087	* 114.087	102.000	42.5	375.75	* 114.078	* 114.078
103.000	42.5	376.46	* 114.068	* 114.068	104.000	42.5	377.17	* 114.059	* 114.059
105.000	42.5	377.87	* 114.050	* 114.050	106.000	42.5	378.58	* 114.041	* 114.041
107.000	42.5	379.29	* 114.032	* 114.032	108.000	42.5	380.00	* 114.023	* 114.023
109.000	42.5	380.71	* 114.014	* 114.014	110.000	42.5	381.41	* 114.004	* 114.004
111.000	42.5	382.12	* 113.995	* 113.995	112.000	42.5	382.83	* 113.986	* 113.986
113.000	42.5	383.54	* 113.977	* 113.977	114.000	42.5	384.24	* 113.971	* 113.971
115.000	42.5	384.95	* 113.969	* 113.969	116.000	42.5	385.66	* 113.968	* 113.968
117.000	42.5	386.37	* 113.966	* 113.966	118.000	42.5	387.08	* 113.964	* 113.964
119.000	42.5	387.78	* 113.963	* 113.963	120.000	42.5	388.49	* 113.961	* 113.961
121.000	42.5	389.20	* 113.960	* 113.960	122.000	42.5	389.91	* 113.958	* 113.958
123.000	42.5	390.61	* 113.956	* 113.956	124.000	42.5	391.32	* 113.955	* 113.955
125.000	42.5	392.03	* 113.953	* 113.953	126.000	42.5	392.74	* 113.951	* 113.951
127.000	42.5	393.45	* 113.950	* 113.950	128.000	42.5	394.15	* 113.948	* 113.948
129.000	42.5	394.86	* 113.946	* 113.946	130.000	42.5	395.57	* 113.945	* 113.945
131.000	42.5	396.28	* 113.943	* 113.943	132.000	42.5	396.98	* 113.941	* 113.941
133.000	42.5	397.69	* 113.940	* 113.940	134.000	42.5	398.40	* 113.938	* 113.938
135.000	42.5	399.11	* 113.936	* 113.936	136.000	42.5	399.82	* 113.935	* 113.935
137.000	42.5	400.52	* 113.933	* 113.933	138.000	42.5	401.23	* 113.931	* 113.931

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DIV 2 Battery 1B 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V- V+			(Amp)	(Amp-Hour)			V- V+	
139.000	42.5	401.94	*	113.930	* 113.930		140.000	42.5	402.65	*	113.928	* 113.928	
141.000	42.5	403.35	*	113.926	* 113.926		142.000	42.5	404.06	*	113.925	* 113.925	
143.000	42.5	404.77	*	113.923	* 113.923		144.000	42.5	405.48	*	113.921	* 113.921	
145.000	42.5	406.19	*	113.920	* 113.920		146.000	42.5	406.89	*	113.918	* 113.918	
147.000	42.5	407.60	*	113.916	* 113.916		148.000	42.5	408.31	*	113.915	* 113.915	
149.000	42.5	409.02	*	113.913	* 113.913		150.000	42.5	409.72	*	113.911	* 113.911	
151.000	42.5	410.43	*	113.909	* 113.909		152.000	42.5	411.14	*	113.908	* 113.908	
153.000	42.5	411.85	*	113.906	* 113.906		154.000	42.5	412.56	*	113.904	* 113.904	
155.000	42.5	413.26	*	113.903	* 113.903		156.000	42.5	413.97	*	113.901	* 113.901	
157.000	42.5	414.68	*	113.899	* 113.899		158.000	42.5	415.39	*	113.897	* 113.897	
159.000	42.5	416.09	*	113.896	* 113.896		160.000	42.5	416.80	*	113.894	* 113.894	
161.000	42.5	417.51	*	113.892	* 113.892		162.000	42.5	418.22	*	113.890	* 113.890	
163.000	42.5	418.93	*	113.889	* 113.889		164.000	42.5	419.63	*	113.887	* 113.887	
165.000	42.5	420.34	*	113.885	* 113.885		166.000	42.5	421.05	*	113.883	* 113.883	
167.000	42.5	421.76	*	113.882	* 113.882		168.000	42.5	422.46	*	113.880	* 113.880	
169.000	42.5	423.17	*	113.878	* 113.878		170.000	42.5	423.88	*	113.876	* 113.876	
171.000	42.5	424.59	*	113.875	* 113.875		172.000	42.5	425.30	*	113.873	* 113.873	
173.000	42.5	426.00	*	113.871	* 113.871		174.000	42.5	426.71	*	113.869	* 113.869	
175.000	42.5	427.42	*	113.868	* 113.868		176.000	42.5	428.13	*	113.866	* 113.866	
177.000	42.5	428.83	*	113.864	* 113.864		178.000	42.5	429.54	*	113.862	* 113.862	
179.000	42.5	430.25	*	113.860	* 113.860		180.000	42.5	430.96	*	113.859	* 113.859	
181.000	42.5	431.67	*	113.857	* 113.857		182.000	42.5	432.37	*	113.856	* 113.856	
183.000	42.5	433.08	*	113.855	* 113.855		184.000	42.5	433.79	*	113.855	* 113.855	
185.000	42.5	434.50	*	113.854	* 113.854		186.000	42.5	435.20	*	113.854	* 113.854	
187.000	42.5	435.91	*	113.854	* 113.854		188.000	42.5	436.62	*	113.853	* 113.853	
189.000	42.5	437.33	*	113.853	* 113.853		190.000	42.5	438.04	*	113.852	* 113.852	
191.000	42.5	438.74	*	113.852	* 113.852		192.000	42.5	439.45	*	113.851	* 113.851	
193.000	42.5	440.16	*	113.851	* 113.851		194.000	42.5	440.87	*	113.851	* 113.851	
195.000	42.5	441.57	*	113.850	* 113.850		196.000	42.5	442.28	*	113.850	* 113.850	
197.000	42.5	442.99	*	113.849	* 113.849		198.000	42.5	443.70	*	113.849	* 113.849	
199.000	42.5	444.41	*	113.848	* 113.848		200.000	42.5	445.11	*	113.848	* 113.848	
201.000	42.5	445.82	*	113.847	* 113.847		202.000	42.5	446.53	*	113.847	* 113.847	
203.000	42.5	447.24	*	113.847	* 113.847		204.000	42.5	447.94	*	113.846	* 113.846	
205.000	42.5	448.65	*	113.846	* 113.846		206.000	42.5	449.36	*	113.845	* 113.845	
207.000	42.5	450.07	*	113.845	* 113.845		208.000	42.5	450.78	*	113.844	* 113.844	
209.000	42.5	451.48	*	113.844	* 113.844		210.000	42.5	452.19	*	113.843	* 113.843	

Project: Clinton Flex Study  
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DIV 2 Battery 1B 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
211.000	42.5	452.90	*		113.843	113.843	212.000	42.5	453.61	*		113.842	113.842
213.000	42.5	454.31	*		113.842	113.842	214.000	42.5	455.02	*		113.842	113.842
215.000	42.5	455.73	*		113.841	113.841	216.000	42.5	456.44	*		113.841	113.841
217.000	42.5	457.15	*		113.840	113.840	218.000	42.5	457.85	*		113.840	113.840
219.000	42.5	458.56	*		113.839	113.839	220.000	42.5	459.27	*		113.839	113.839
221.000	42.5	459.98	*		113.838	113.838	222.000	42.5	460.68	*		113.838	113.838
223.000	42.5	461.39	*		113.837	113.837	224.000	42.5	462.10	*		113.837	113.837
225.000	42.5	462.81	*		113.836	113.836	226.000	42.5	463.52	*		113.836	113.836
227.000	42.5	464.22	*		113.835	113.835	228.000	42.5	464.93	*		113.835	113.835
229.000	42.5	465.64	*		113.835	113.835	230.000	42.5	466.35	*		113.834	113.834
231.000	42.5	467.05	*		113.834	113.834	232.000	42.5	467.76	*		113.833	113.833
233.000	42.5	468.47	*		113.833	113.833	234.000	42.5	469.18	*		113.832	113.832
235.000	42.5	469.89	*		113.832	113.832	236.000	42.5	470.59	*		113.831	113.831
237.000	42.5	471.30	*		113.831	113.831	238.000	42.5	472.01	*		113.830	113.830
239.000	42.5	472.72	*		113.830	113.830	240.000	42.5	473.42	*		113.829	113.829
241.000	42.5	474.13	*		113.829	113.829	242.000	42.5	474.84	*		113.828	113.828
243.000	42.5	475.55	*		113.828	113.828	244.000	42.5	476.26	*		113.827	113.827
245.000	42.5	476.96	*		113.826	113.826	246.000	42.5	477.67	*		113.825	113.825
247.000	42.5	478.38	*		113.824	113.824	248.000	42.5	479.09	*		113.824	113.824
249.000	42.5	479.79	*		113.823	113.823	250.000	42.5	480.50	*		113.822	113.822
251.000	42.5	481.21	*		113.821	113.821	252.000	42.5	481.92	*		113.820	113.820
253.000	42.5	482.63	*		113.820	113.820	254.000	42.5	483.33	*		113.819	113.819
255.000	42.5	484.04	*		113.818	113.818	256.000	42.5	484.75	*		113.817	113.817
257.000	42.5	485.46	*		113.817	113.817	258.000	42.5	486.16	*		113.816	113.816
259.000	42.5	486.87	*		113.815	113.815	260.000	42.5	487.58	*		113.814	113.814
261.000	42.5	488.29	*		113.813	113.813	262.000	42.5	489.00	*		113.812	113.812
263.000	42.5	489.70	*		113.812	113.812	264.000	42.5	490.41	*		113.811	113.811
265.000	42.5	491.12	*		113.810	113.810	266.000	42.5	491.83	*		113.809	113.809
267.000	42.5	492.53	*		113.808	113.808	268.000	42.5	493.24	*		113.808	113.808
269.000	42.5	493.95	*		113.807	113.807	270.000	42.5	494.66	*		113.806	113.806
271.000	42.5	495.37	*		113.805	113.805	272.000	42.5	496.07	*		113.804	113.804
273.000	42.5	496.78	*		113.804	113.804	274.000	42.5	497.49	*		113.803	113.803
275.000	42.5	498.20	*		113.802	113.802	276.000	42.5	498.90	*		113.801	113.801
277.000	42.5	499.61	*		113.800	113.800	278.000	42.5	500.32	*		113.799	113.799
279.000	42.5	501.03	*		113.799	113.799	280.000	42.5	501.74	*		113.798	113.798
281.000	42.5	502.44	*		113.797	113.797	282.000	42.5	503.15	*		113.796	113.796

Project: Clinton Flex Study  
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## DIV 2 Battery 1B 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
283.000	42.5	503.86	* 113.795	* 113.795	284.000	42.5	504.57	* 113.794	* 113.794
285.000	42.5	505.27	* 113.794	* 113.794	286.000	42.5	505.98	* 113.793	* 113.793
287.000	42.5	506.69	* 113.792	* 113.792	288.000	42.5	507.40	* 113.791	* 113.791
289.000	42.5	508.11	* 113.790	* 113.790	290.000	42.5	508.81	* 113.789	* 113.789
291.000	42.5	509.52	* 113.788	* 113.788	292.000	42.5	510.23	* 113.788	* 113.788
293.000	42.5	510.94	* 113.787	* 113.787	294.000	42.5	511.65	* 113.786	* 113.786
295.000	42.5	512.35	* 113.785	* 113.785	296.000	42.5	513.06	* 113.784	* 113.784
297.000	42.5	513.77	* 113.783	* 113.783	298.000	42.5	514.48	* 113.782	* 113.782
299.000	42.5	515.18	* 113.782	* 113.782	300.000	42.5	515.89	* 113.781	* 113.781
301.000	42.5	516.60	* 113.780	* 113.780	302.000	42.5	517.31	* 113.779	* 113.779
303.000	42.5	518.02	* 113.778	* 113.778	304.000	42.5	518.72	* 113.777	* 113.777
305.000	42.5	519.43	* 113.776	* 113.776	306.000	42.5	520.14	* 113.775	* 113.775
307.000	42.5	520.85	* 113.775	* 113.775	308.000	42.5	521.55	* 113.774	* 113.774
309.000	42.5	522.26	* 113.773	* 113.773	310.000	42.5	522.97	* 113.772	* 113.772
311.000	42.5	523.68	* 113.771	* 113.771	312.000	42.5	524.39	* 113.770	* 113.770
313.000	42.5	525.09	* 113.769	* 113.769	314.000	42.5	525.80	* 113.768	* 113.768
315.000	42.5	526.51	* 113.767	* 113.767	316.000	42.5	527.22	* 113.767	* 113.767
317.000	42.5	527.92	* 113.766	* 113.766	318.000	42.5	528.63	* 113.765	* 113.765
319.000	42.5	529.34	* 113.764	* 113.764	320.000	42.5	530.05	* 113.763	* 113.763
321.000	42.5	530.76	* 113.762	* 113.762	322.000	42.5	531.46	* 113.761	* 113.761
323.000	42.5	532.17	* 113.760	* 113.760	324.000	42.5	532.88	* 113.759	* 113.759
325.000	42.5	533.59	* 113.758	* 113.758	326.000	42.5	534.29	* 113.758	* 113.758
327.000	42.5	535.00	* 113.757	* 113.757	328.000	42.5	535.71	* 113.756	* 113.756
329.000	42.5	536.42	* 113.755	* 113.755	330.000	42.5	537.13	* 113.754	* 113.754
331.000	42.5	537.83	* 113.753	* 113.753	332.000	42.5	538.54	* 113.752	* 113.752
333.000	42.5	539.25	* 113.751	* 113.751	334.000	42.5	539.96	* 113.750	* 113.750
335.000	42.5	540.66	* 113.749	* 113.749	336.000	42.5	541.37	* 113.748	* 113.748
337.000	42.5	542.08	* 113.747	* 113.747	338.000	42.5	542.79	* 113.746	* 113.746
339.000	42.5	543.50	* 113.745	* 113.745	340.000	42.5	544.20	* 113.745	* 113.745
341.000	42.5	544.91	* 113.744	* 113.744	342.000	42.5	545.62	* 113.743	* 113.743
343.000	42.5	546.33	* 113.742	* 113.742	344.000	42.5	547.03	* 113.741	* 113.741
345.000	42.5	547.74	* 113.740	* 113.740	346.000	42.5	548.45	* 113.739	* 113.739
347.000	42.5	549.16	* 113.738	* 113.738	348.000	42.5	549.87	* 113.737	* 113.737
349.000	42.5	550.57	* 113.736	* 113.736	350.000	42.5	551.28	* 113.735	* 113.735
351.000	42.5	551.99	* 113.734	* 113.734	352.000	42.5	552.70	* 113.733	* 113.733
353.000	42.5	553.40	* 113.732	* 113.732	354.000	42.5	554.11	* 113.731	* 113.731

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## DIV 2 Battery 1B 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
355.000	42.5	554.82	*		113.730	113.730	356.000	42.5	555.53	*		113.729	113.729
357.000	42.5	556.24	*		113.728	113.728	358.000	42.5	556.94	*		113.727	113.727
359.000	42.5	557.65	*		113.726	113.726	360.000	42.5	558.36	*		113.725	113.725
361.000	42.5	559.07	*		113.724	113.724	362.000	42.5	559.77	*		113.723	113.723
363.000	42.5	560.48	*		113.722	113.722	364.000	42.5	561.19	*		113.721	113.721
365.000	42.5	561.90	*		113.720	113.720	366.000	42.5	562.61	*		113.719	113.719
367.000	42.5	563.31	*		113.718	113.718	368.000	42.5	564.02	*		113.717	113.717
369.000	42.5	564.73	*		113.716	113.716	370.000	42.5	565.44	*		113.715	113.715
371.000	42.5	566.14	*		113.714	113.714	372.000	42.5	566.85	*		113.713	113.713
373.000	42.5	567.56	*		113.712	113.712	374.000	42.5	568.27	*		113.711	113.711
375.000	42.5	568.98	*		113.710	113.710	376.000	42.5	569.68	*		113.709	113.709
377.000	42.5	570.39	*		113.705	113.705	378.000	42.5	571.10	*		113.702	113.702
379.000	42.5	571.81	*		113.698	113.698	380.000	42.5	572.51	*		113.694	113.694
381.000	42.5	573.22	*		113.690	113.690	382.000	42.5	573.93	*		113.686	113.686
383.000	42.5	574.64	*		113.683	113.683	384.000	42.5	575.35	*		113.679	113.679
385.000	42.5	576.05	*		113.675	113.675	386.000	42.5	576.76	*		113.671	113.671
387.000	42.5	577.47	*		113.668	113.668	388.000	42.5	578.18	*		113.664	113.664
389.000	42.5	578.88	*		113.660	113.660	390.000	42.5	579.59	*		113.656	113.656
391.000	42.5	580.30	*		113.652	113.652	392.000	42.5	581.01	*		113.649	113.649
393.000	42.5	581.72	*		113.645	113.645	394.000	42.5	582.42	*		113.641	113.641
395.000	42.5	583.13	*		113.637	113.637	396.000	42.5	583.84	*		113.633	113.633
397.000	42.5	584.55	*		113.630	113.630	398.000	42.5	585.25	*		113.626	113.626
399.000	42.5	585.96	*		113.622	113.622	400.000	42.5	586.67	*		113.618	113.618
401.000	42.5	587.38	*		113.614	113.614	402.000	42.5	588.09	*		113.611	113.611
403.000	42.5	588.79	*		113.607	113.607	404.000	42.5	589.50	*		113.603	113.603
405.000	42.5	590.21	*		113.599	113.599	406.000	42.5	590.92	*		113.595	113.595
407.000	42.5	591.62	*		113.591	113.591	408.000	42.5	592.33	*		113.588	113.588
409.000	42.5	593.04	*		113.584	113.584	410.000	42.5	593.75	*		113.580	113.580
411.000	42.5	594.46	*		113.576	113.576	412.000	42.5	595.16	*		113.572	113.572
413.000	42.5	595.87	*		113.568	113.568	414.000	42.5	596.58	*		113.565	113.565
415.000	42.5	597.29	*		113.561	113.561	416.000	42.5	597.99	*		113.558	113.558
417.000	42.5	598.70	*		113.556	113.556	418.000	42.5	599.41	*		113.553	113.553
419.000	42.5	600.12	*		113.551	113.551	420.000	42.5	600.83	*		113.548	113.548
421.000	42.5	601.53	*		113.546	113.546	422.000	42.5	602.24	*		113.543	113.543
423.000	42.5	602.95	*		113.541	113.541	424.000	42.5	603.66	*		113.538	113.538
425.000	42.5	604.36	*		113.536	113.536	426.000	42.5	605.07	*		113.533	113.533

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## DIV 2 Battery 1B 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
427.000	42.5	605.78	*		113.531	113.531	428.000	42.5	606.49	*		113.528	113.528
429.000	42.5	607.20	*		113.525	113.525	430.000	42.5	607.90	*		113.523	113.523
431.000	42.5	608.61	*		113.520	113.520	432.000	42.5	609.32	*		113.517	113.517
433.000	42.5	610.03	*		113.515	113.515	434.000	42.5	610.73	*		113.512	113.512
435.000	42.5	611.44	*		113.509	113.509	436.000	42.5	612.15	*		113.507	113.507
437.000	42.5	612.86	*		113.504	113.504	438.000	42.5	613.57	*		113.501	113.501
439.000	42.5	614.27	*		113.498	113.498	440.000	42.5	614.98	*		113.495	113.495
441.000	42.5	615.69	*		113.492	113.492	442.000	42.5	616.40	*		113.489	113.489
443.000	42.5	617.10	*		113.487	113.487	444.000	42.5	617.81	*		113.484	113.484
445.000	42.5	618.52	*		113.481	113.481	446.000	42.5	619.23	*		113.478	113.478
447.000	42.5	619.94	*		113.475	113.475	448.000	42.5	620.64	*		113.472	113.472
449.000	42.5	621.35	*		113.469	113.469	450.000	42.5	622.06	*		113.466	113.466
451.000	42.5	622.77	*		113.462	113.462	452.000	42.5	623.47	*		113.459	113.459
453.000	42.5	624.18	*		113.456	113.456	454.000	42.5	624.89	*		113.453	113.453
455.000	42.5	625.60	*		113.450	113.450	456.000	42.5	626.31	*		113.447	113.447
457.000	42.5	627.01	*		113.443	113.443	458.000	42.5	627.72	*		113.440	113.440
459.000	42.5	628.43	*		113.437	113.437	460.000	42.5	629.14	*		113.433	113.433
461.000	42.5	629.84	*		113.430	113.430	462.000	42.5	630.55	*		113.427	113.427
463.000	42.5	631.26	*		113.423	113.423	464.000	42.5	631.97	*		113.420	113.420
465.000	42.5	632.68	*		113.416	113.416	466.000	42.5	633.38	*		113.413	113.413
467.000	42.5	634.09	*		113.409	113.409	468.000	42.5	634.80	*		113.406	113.406
469.000	42.5	635.51	*		113.402	113.402	470.000	42.5	636.21	*		113.399	113.399
471.000	42.5	636.92	*		113.395	113.395	472.000	42.5	637.63	*		113.391	113.391
473.000	42.5	638.34	*		113.388	113.388	474.000	42.5	639.05	*		113.384	113.384
475.000	42.5	639.75	*		113.382	113.382	476.000	42.5	640.46	*		113.378	113.378
477.000	42.5	641.17	*		113.373	113.373	478.000	42.5	641.88	*		113.369	113.369
479.000	42.5	642.58	*		113.365	113.365	480.000	42.5	643.29	*		113.361	113.361
481.000	42.5	644.00	*		113.357	113.357	482.000	42.5	644.71	*		113.352	113.352
483.000	42.5	645.42	*		113.348	113.348	484.000	42.5	646.12	*		113.344	113.344
485.000	42.5	646.83	*		113.340	113.340	486.000	42.5	647.54	*		113.335	113.335
487.000	42.5	648.25	*		113.331	113.331	488.000	42.5	648.96	*		113.327	113.327
489.000	42.5	649.66	*		113.323	113.323	490.000	42.5	650.37	*		113.318	113.318
491.000	42.5	651.08	*		113.314	113.314	492.000	42.5	651.79	*		113.310	113.310
493.000	42.5	652.49	*		113.305	113.305	494.000	42.5	653.20	*		113.301	113.301
495.000	42.5	653.91	*		113.297	113.297	496.000	42.5	654.62	*		113.293	113.293
497.000	42.5	655.33	*		113.288	113.288	498.000	42.5	656.03	*		113.284	113.284

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DIV 2 Battery 1B 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
499.000	42.5	656.74	*		113.280	* 113.280	500.000	42.5	657.45	*		113.276	* 113.276
501.000	42.5	658.16	*		113.271	* 113.271	502.000	42.5	658.86	*		113.267	* 113.267
503.000	42.5	659.57	*		113.263	* 113.263	504.000	42.5	660.28	*		113.258	* 113.258
505.000	42.5	660.99	*		113.254	* 113.254	506.000	42.5	661.70	*		113.250	* 113.250
507.000	42.5	662.40	*		113.246	* 113.246	508.000	42.5	663.11	*		113.241	* 113.241
509.000	42.5	663.82	*		113.237	* 113.237	510.000	42.5	664.53	*		113.233	* 113.233
511.000	42.5	665.23	*		113.228	* 113.228	512.000	42.5	665.94	*		113.224	* 113.224
513.000	42.5	666.65	*		113.220	* 113.220	514.000	42.5	667.36	*		113.215	* 113.215
515.000	42.5	668.07	*		113.211	* 113.211	516.000	42.5	668.77	*		113.207	* 113.207
517.000	42.5	669.48	*		113.203	* 113.203	518.000	42.5	670.19	*		113.198	* 113.198
519.000	42.5	670.90	*		113.194	* 113.194	520.000	42.5	671.60	*		113.190	* 113.190
521.000	42.5	672.31	*		113.185	* 113.185	522.000	42.5	673.02	*		113.181	* 113.181
523.000	42.5	673.73	*		113.177	* 113.177	524.000	42.5	674.44	*		113.172	* 113.172
525.000	42.5	675.14	*		113.168	* 113.168	526.000	42.5	675.85	*		113.164	* 113.164
527.000	42.5	676.56	*		113.159	* 113.159	528.000	42.5	677.27	*		113.155	* 113.155
529.000	42.5	677.97	*		113.151	* 113.151	530.000	42.5	678.68	*		113.146	* 113.146
531.000	42.5	679.39	*		113.142	* 113.142	532.000	42.5	680.10	*		113.138	* 113.138
533.000	42.5	680.81	*		113.133	* 113.133	534.000	42.5	681.51	*		113.129	* 113.129
535.000	42.5	682.22	*		113.125	* 113.125	536.000	42.5	682.93	*		113.120	* 113.120
537.000	42.5	683.64	*		113.116	* 113.116	538.000	42.5	684.34	*		113.112	* 113.112
539.000	42.5	685.05	*		113.108	* 113.108	540.000	42.5	685.76	*		113.106	* 113.106
541.000	42.5	686.47	*		113.103	* 113.103	542.000	42.5	687.18	*		113.101	* 113.101
543.000	42.5	687.88			113.099	113.099	544.000	42.5	688.59			113.097	113.097
545.000	42.5	689.30			113.094	113.094	546.000	42.5	690.01			113.092	113.092
547.000	42.5	690.71			113.090	113.090	548.000	42.5	691.42			113.087	113.087
549.000	42.5	692.13			113.085	113.085	550.000	42.5	692.84			113.083	113.083
551.000	42.5	693.55			113.080	113.080	552.000	42.5	694.25			113.078	113.078
553.000	42.5	694.96			113.076	113.076	554.000	42.5	695.67			113.073	113.073
555.000	42.5	696.38			113.071	113.071	556.000	42.5	697.08			113.069	113.069
557.000	42.5	697.79			113.066	113.066	558.000	42.5	698.50			113.064	113.064
559.000	42.5	699.21			113.062	113.062	560.000	42.5	699.92			113.059	113.059
561.000	42.5	700.62			113.057	113.057	562.000	42.5	701.33			113.055	113.055
563.000	42.5	702.04			113.052	113.052	564.000	42.5	702.75			113.050	113.050
565.000	42.5	703.45			113.048	113.048	566.000	42.5	704.16			113.045	113.045
567.000	42.5	704.87			113.043	113.043	568.000	42.5	705.58			113.040	113.040
569.000	42.5	706.29			113.038	113.038	570.000	42.5	706.99			113.036	113.036

Project: Clinton Flex Study  
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Filename: CPS SBO Study

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## DIV 2 Battery 1B 48-Hour Coping Study

Time	Discharge Capacity		Voltage (V)		Time	Discharge Capacity		Voltage (V)	
	Current (Amp)	(Amp-Hour)	V-	V+		Current (Amp)	(Amp-Hour)	V-	V+
571.000	42.5	707.70	113.033	113.033	572.000	42.5	708.41	113.031	113.031
573.000	42.5	709.12	113.028	113.028	574.000	42.5	709.82	113.026	113.026
575.000	42.5	710.53	113.023	113.023	576.000	42.5	711.24	113.021	113.021
577.000	42.5	711.95	113.019	113.019	578.000	42.5	712.66	113.016	113.016
579.000	42.5	713.36	113.014	113.014	580.000	42.5	714.07	113.011	113.011
581.000	42.5	714.78	113.009	113.009	582.000	42.5	715.49	113.006	113.006
583.000	42.5	716.19	113.004	113.004	584.000	42.5	716.90	113.002	113.002
585.000	42.5	717.61	112.999	112.999	586.000	42.5	718.32	112.997	112.997
587.000	42.5	719.03	112.994	112.994	588.000	42.5	719.73	112.992	112.992
589.000	42.5	720.44	112.989	112.989	590.000	42.5	721.15	112.987	112.987
591.000	42.5	721.86	112.984	112.984	592.000	42.5	722.56	112.982	112.982
593.000	42.5	723.27	112.979	112.979	594.000	42.5	723.98	112.977	112.977
595.000	42.5	724.69	112.974	112.974	596.000	42.5	725.40	112.972	112.972
597.000	42.5	726.10	112.969	112.969	598.000	42.5	726.81	112.967	112.967
599.000	42.5	727.52	112.964	112.964	600.000	42.5	728.23	112.962	112.962
601.000	42.5	728.93	112.959	112.959	602.000	42.5	729.64	112.957	112.957
603.000	42.5	730.35	112.954	112.954	604.000	42.5	731.06	112.952	112.952
605.000	42.5	731.77	112.949	112.949	606.000	42.5	732.47	112.947	112.947
607.000	42.5	733.18	112.944	112.944	608.000	42.5	733.89	112.942	112.942
609.000	42.5	734.60	112.939	112.939	610.000	42.5	735.30	112.937	112.937
611.000	42.5	736.01	112.934	112.934	612.000	42.5	736.72	112.932	112.932
613.000	42.5	737.43	112.931	112.931	614.000	42.5	738.14	112.929	112.929
615.000	42.5	738.84	112.927	112.927	616.000	42.5	739.55	112.925	112.925
617.000	42.5	740.26	112.923	112.923	618.000	42.5	740.97	112.922	112.922
619.000	42.5	741.67	112.920	112.920	620.000	42.5	742.38	112.918	112.918
621.000	42.5	743.09	112.916	112.916	622.000	42.5	743.80	112.914	112.914
623.000	42.5	744.51	112.912	112.912	624.000	42.5	745.21	112.911	112.911
625.000	42.5	745.92	112.909	112.909	626.000	42.5	746.63	112.907	112.907
627.000	42.5	747.34	112.905	112.905	628.000	42.5	748.04	112.903	112.903
629.000	42.5	748.75	112.901	112.901	630.000	42.5	749.46	112.899	112.899
631.000	42.5	750.17	112.898	112.898	632.000	42.5	750.88	112.896	112.896
633.000	42.5	751.58	112.894	112.894	634.000	42.5	752.29	112.892	112.892
635.000	42.5	753.00	112.890	112.890	636.000	42.5	753.71	112.888	112.888
637.000	42.5	754.41	112.886	112.886	638.000	42.5	755.12	112.884	112.884
639.000	42.5	755.83	112.882	112.882	640.000	42.5	756.54	112.881	112.881
641.000	42.5	757.25	112.879	112.879	642.000	42.5	757.95	112.877	112.877

Project: Clinton Flex Study  
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## DIV 2 Battery 1B 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
643.000	42.5	758.66	112.875	112.875	644.000	42.5	759.37	112.873	112.873
645.000	42.5	760.08	112.871	112.871	646.000	42.5	760.78	112.869	112.869
647.000	42.5	761.49	112.867	112.867	648.000	42.5	762.20	112.865	112.865
649.000	42.5	762.91	112.863	112.863	650.000	42.5	763.62	112.861	112.861
651.000	42.5	764.32	112.859	112.859	652.000	42.5	765.03	112.857	112.857
653.000	42.5	765.74	112.855	112.855	654.000	42.5	766.45	112.853	112.853
655.000	42.5	767.15	112.852	112.852	656.000	42.5	767.86	112.850	112.850
657.000	42.5	768.57	112.848	112.848	658.000	42.5	769.28	112.846	112.846
659.000	42.5	769.99	112.844	112.844	660.000	42.5	770.69	112.842	112.842
661.000	42.5	771.40	112.840	112.840	662.000	42.5	772.11	112.838	112.838
663.000	42.5	772.82	112.836	112.836	664.000	42.5	773.52	112.834	112.834
665.000	42.5	774.23	112.832	112.832	666.000	42.5	774.94	112.830	112.830
667.000	42.5	775.65	112.828	112.828	668.000	42.5	776.36	112.826	112.826
669.000	42.5	777.06	112.824	112.824	670.000	42.5	777.77	112.821	112.821
671.000	42.5	778.48	112.819	112.819	672.000	42.5	779.19	112.817	112.817
673.000	42.5	779.89	112.815	112.815	674.000	42.5	780.60	112.813	112.813
675.000	42.5	781.31	112.811	112.811	676.000	42.5	782.02	112.809	112.809
677.000	42.5	782.73	112.807	112.807	678.000	42.5	783.43	112.805	112.805
679.000	42.5	784.14	112.803	112.803	680.000	42.5	784.85	112.801	112.801
681.000	42.5	785.56	112.799	112.799	682.000	42.5	786.27	112.797	112.797
683.000	42.5	786.97	112.795	112.795	684.000	42.5	787.68	112.792	112.792
685.000	42.5	788.39	112.789	112.789	686.000	42.5	789.10	112.787	112.787
687.000	42.5	789.80	112.784	112.784	688.000	42.5	790.51	112.781	112.781
689.000	42.5	791.22	112.778	112.778	690.000	42.5	791.93	112.775	112.775
691.000	42.5	792.63	112.773	112.773	692.000	42.5	793.34	112.770	112.770
693.000	42.5	794.05	112.767	112.767	694.000	42.5	794.76	112.764	112.764
695.000	42.5	795.47	112.761	112.761	696.000	42.5	796.17	112.759	112.759
697.000	42.5	796.88	112.756	112.756	698.000	42.5	797.59	112.753	112.753
699.000	42.5	798.30	112.750	112.750	700.000	42.5	799.01	112.747	112.747
701.000	42.5	799.71	112.744	112.744	702.000	42.5	800.42	112.742	112.742
703.000	42.5	801.13	112.739	112.739	704.000	42.5	801.84	112.736	112.736
705.000	42.5	802.54	112.733	112.733	706.000	42.5	803.25	112.730	112.730
707.000	42.5	803.96	112.727	112.727	708.000	42.5	804.67	112.724	112.724
709.000	42.5	805.38	112.721	112.721	710.000	42.5	806.08	112.719	112.719
711.000	42.5	806.79	112.716	112.716	712.000	42.5	807.50	112.713	112.713
713.000	42.5	808.21	112.710	112.710	714.000	42.5	808.91	112.707	112.707

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#### DIV 2 Battery 1B 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
715.000	42.5	809.62	112.704	112.704	716.000	42.5	810.33	112.701	112.701
717.000	42.5	811.04	112.698	112.698	718.000	42.5	811.75	112.695	112.695
719.000	42.5	812.45	112.692	112.692	720.000	42.5	813.16	112.689	112.689
721.000	42.5	813.87	112.686	112.686	722.000	42.5	814.58	112.683	112.683
723.000	42.5	815.28	112.680	112.680	724.000	42.5	815.99	112.677	112.677
725.000	42.5	816.70	112.674	112.674	726.000	42.5	817.41	112.671	112.671
727.000	42.5	818.12	112.669	112.669	728.000	42.5	818.82	112.666	112.666
729.000	42.5	819.53	112.663	112.663	730.000	42.5	820.24	112.660	112.660
731.000	42.5	820.95	112.657	112.657	732.000	42.5	821.65	112.653	112.653
733.000	42.5	822.36	112.650	112.650	734.000	42.5	823.07	112.647	112.647
735.000	42.5	823.78	112.644	112.644	736.000	42.5	824.49	112.641	112.641
737.000	42.5	825.19	112.638	112.638	738.000	42.5	825.90	112.635	112.635
739.000	42.5	826.61	112.632	112.632	740.000	42.5	827.32	112.629	112.629
741.000	42.5	828.02	112.626	112.626	742.000	42.5	828.73	112.623	112.623
743.000	42.5	829.44	112.620	112.620	744.000	42.5	830.15	112.617	112.617
745.000	42.5	830.86	112.614	112.614	746.000	42.5	831.56	112.611	112.611
747.000	42.5	832.27	112.608	112.608	748.000	42.5	832.98	112.605	112.605
749.000	42.5	833.69	112.601	112.601	750.000	42.5	834.39	112.598	112.598
751.000	42.5	835.10	112.595	112.595	752.000	42.5	835.81	112.592	112.592
753.000	42.5	836.52	112.589	112.589	754.000	42.5	837.23	112.586	112.586
755.000	42.5	837.93	112.583	112.583	756.000	42.5	838.64	112.579	112.579
757.000	42.5	839.35	112.576	112.576	758.000	42.5	840.06	112.573	112.573
759.000	42.5	840.76	112.570	112.570	760.000	42.5	841.47	112.567	112.567
761.000	42.5	842.18	112.564	112.564	762.000	42.5	842.89	112.560	112.560
763.000	42.5	843.60	112.557	112.557	764.000	42.5	844.30	112.554	112.554
765.000	42.5	845.01	112.551	112.551	766.000	42.5	845.72	112.548	112.548
767.000	42.5	846.43	112.546	112.546	768.000	42.5	847.13	112.543	112.543
769.000	42.5	847.84	112.541	112.541	770.000	42.5	848.55	112.538	112.538
771.000	42.5	849.26	112.535	112.535	772.000	42.5	849.97	112.533	112.533
773.000	42.5	850.67	112.530	112.530	774.000	42.5	851.38	112.528	112.528
775.000	42.5	852.09	112.525	112.525	776.000	42.5	852.80	112.522	112.522
777.000	42.5	853.50	112.520	112.520	778.000	42.5	854.21	112.517	112.517
779.000	42.5	854.92	112.514	112.514	780.000	42.5	855.63	112.512	112.512
781.000	42.5	856.34	112.509	112.509	782.000	42.5	857.04	112.506	112.506
783.000	42.5	857.75	112.504	112.504	784.000	42.5	858.46	112.501	112.501
785.000	42.5	859.17	112.498	112.498	786.000	42.5	859.87	112.496	112.496

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DIV 2 Battery 1B 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
787.000	42.5	860.58	112.493	112.493	788.000	42.5	861.29	112.490	112.490
789.000	42.5	862.00	112.487	112.487	790.000	42.5	862.71	112.484	112.484
791.000	42.5	863.41	112.481	112.481	792.000	42.5	864.12	112.478	112.478
793.000	42.5	864.83	112.475	112.475	794.000	42.5	865.54	112.472	112.472
795.000	42.5	866.24	112.469	112.469	796.000	42.5	866.95	112.466	112.466
797.000	42.5	867.66	112.463	112.463	798.000	42.5	868.37	112.460	112.460
799.000	42.5	869.08	112.457	112.457	800.000	42.5	869.78	112.454	112.454
801.000	42.5	870.49	112.450	112.450	802.000	42.5	871.20	112.447	112.447
803.000	42.5	871.91	112.444	112.444	804.000	42.5	872.61	112.441	112.441
805.000	42.5	873.32	112.438	112.438	806.000	42.5	874.03	112.435	112.435
807.000	42.5	874.74	112.431	112.431	808.000	42.5	875.45	112.428	112.428
809.000	42.5	876.15	112.425	112.425	810.000	42.5	876.86	112.422	112.422
811.000	42.5	877.57	112.418	112.418	812.000	42.5	878.28	112.415	112.415
813.000	42.5	878.98	112.412	112.412	814.000	42.5	879.69	112.409	112.409
815.000	42.5	880.40	112.405	112.405	816.000	42.5	881.11	112.402	112.402
817.000	42.5	881.82	112.399	112.399	818.000	42.5	882.52	112.395	112.395
819.000	42.5	883.23	112.392	112.392	820.000	42.5	883.94	112.389	112.389
821.000	42.5	884.65	112.385	112.385	822.000	42.5	885.35	112.382	112.382
823.000	42.5	886.06	112.379	112.379	824.000	42.5	886.77	112.375	112.375
825.000	42.5	887.48	112.372	112.372	826.000	42.5	888.19	112.368	112.368
827.000	42.5	888.89	112.365	112.365	828.000	42.5	889.60	112.361	112.361
829.000	42.5	890.31	112.358	112.358	830.000	42.5	891.02	112.354	112.354
831.000	42.5	891.72	112.351	112.351	832.000	42.5	892.43	112.347	112.347
833.000	42.5	893.14	112.344	112.344	834.000	42.5	893.85	112.340	112.340
835.000	42.5	894.56	112.337	112.337	836.000	42.5	895.26	112.333	112.333
837.000	42.5	895.97	112.330	112.330	838.000	42.5	896.68	112.326	112.326
839.000	42.5	897.39	112.323	112.323	840.000	42.5	898.09	112.320	112.320
841.000	42.5	898.80	112.316	112.316	842.000	42.5	899.51	112.313	112.313
843.000	42.5	900.22	112.310	112.310	844.000	42.5	900.93	112.306	112.306
845.000	42.5	901.63	112.303	112.303	846.000	42.5	902.34	112.300	112.300
847.000	42.5	903.05	112.296	112.296	848.000	42.5	903.76	112.293	112.293
849.000	42.5	904.46	112.289	112.289	850.000	42.5	905.17	112.286	112.286
851.000	42.5	905.88	112.282	112.282	852.000	42.5	906.59	112.279	112.279
853.000	42.5	907.30	112.276	112.276	854.000	42.5	908.00	112.272	112.272
855.000	42.5	908.71	112.268	112.268	856.000	42.5	909.42	112.265	112.265
857.000	42.5	910.13	112.261	112.261	858.000	42.5	910.83	112.258	112.258

Project: Clinton Flex Study  
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## DIV 2 Battery 1B 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
859.000	42.5	911.54	112.254	112.254	860.000	42.5	912.25	112.251	112.251
861.000	42.5	912.96	112.247	112.247	862.000	42.5	913.67	112.243	112.243
863.000	42.5	914.37	112.240	112.240	864.000	42.5	915.08	112.236	112.236
865.000	42.5	915.79	112.232	112.232	866.000	42.5	916.50	112.229	112.229
867.000	42.5	917.20	112.225	112.225	868.000	42.5	917.91	112.221	112.221
869.000	42.5	918.62	112.218	112.218	870.000	42.5	919.33	112.214	112.214
871.000	42.5	920.04	112.210	112.210	872.000	42.5	920.74	112.206	112.206
873.000	42.5	921.45	112.202	112.202	874.000	42.5	922.16	112.199	112.199
875.000	42.5	922.87	112.195	112.195	876.000	42.5	923.57	112.191	112.191
877.000	42.5	924.28	112.187	112.187	878.000	42.5	924.99	112.183	112.183
879.000	42.5	925.70	112.179	112.179	880.000	42.5	926.41	112.175	112.175
881.000	42.5	927.11	112.171	112.171	882.000	42.5	927.82	112.167	112.167
883.000	42.5	928.53	112.163	112.163	884.000	42.5	929.24	112.159	112.159
885.000	42.5	929.94	112.155	112.155	886.000	42.5	930.65	112.151	112.151
887.000	42.5	931.36	112.147	112.147	888.000	42.5	932.07	112.143	112.143
889.000	42.5	932.78	112.139	112.139	890.000	42.5	933.48	112.135	112.135
891.000	42.5	934.19	112.131	112.131	892.000	42.5	934.90	112.127	112.127
893.000	42.5	935.61	112.123	112.123	894.000	42.5	936.32	112.119	112.119
895.000	42.5	937.02	112.114	112.114	896.000	42.5	937.73	112.110	112.110
897.000	42.5	938.44	112.106	112.106	898.000	42.5	939.15	112.102	112.102
899.000	42.5	939.85	112.097	112.097	900.000	42.5	940.56	112.093	112.093
901.000	42.5	941.27	112.089	112.089	902.000	42.5	941.98	112.084	112.084
903.000	42.5	942.69	112.080	112.080	904.000	42.5	943.39	112.076	112.076
905.000	42.5	944.10	112.071	112.071	906.000	42.5	944.81	112.067	112.067
907.000	42.5	945.52	112.062	112.062	908.000	42.5	946.22	112.058	112.058
909.000	42.5	946.93	112.053	112.053	910.000	42.5	947.64	112.049	112.049
911.000	42.5	948.35	112.044	112.044	912.000	42.5	949.06	112.040	112.040
913.000	42.5	949.76	112.035	112.035	914.000	42.5	950.47	112.031	112.031
915.000	42.5	951.18	112.026	112.026	916.000	42.5	951.89	112.021	112.021
917.000	42.5	952.59	112.017	112.017	918.000	42.5	953.30	112.012	112.012
919.000	42.5	954.01	112.007	112.007	920.000	42.5	954.72	112.003	112.003
921.000	42.5	955.43	111.998	111.998	922.000	42.5	956.13	111.993	111.993
923.000	42.5	956.84	111.988	111.988	924.000	42.5	957.55	111.983	111.983
925.000	42.5	958.26	111.978	111.978	926.000	42.5	958.96	111.974	111.974
927.000	42.5	959.67	111.969	111.969	928.000	42.5	960.38	111.963	111.963
929.000	42.5	961.09	111.957	111.957	930.000	42.5	961.80	111.950	111.950

Project: Clinton Flex Study  
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DIV 2 Battery 1B 48-Hour Coping Study

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Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
931.000	42.5	962.50	111.944	111.944	932.000	42.5	963.21	111.937	111.937
933.000	42.5	963.92	111.931	111.931	934.000	42.5	964.63	111.924	111.924
935.000	42.5	965.33	111.918	111.918	936.000	42.5	966.04	111.911	111.911
937.000	42.5	966.75	111.904	111.904	938.000	42.5	967.46	111.898	111.898
939.000	42.5	968.17	111.891	111.891	940.000	42.5	968.87	111.884	111.884
941.000	42.5	969.58	111.877	111.877	942.000	42.5	970.29	111.870	111.870
943.000	42.5	971.00	111.863	111.863	944.000	42.5	971.70	111.856	111.856
945.000	42.5	972.41	111.849	111.849	946.000	42.5	973.12	111.842	111.842
947.000	42.5	973.83	111.834	111.834	948.000	42.5	974.54	111.827	111.827
949.000	42.5	975.24	111.820	111.820	950.000	42.5	975.95	111.812	111.812
951.000	42.5	976.66	111.805	111.805	952.000	42.5	977.37	111.797	111.797
953.000	42.5	978.07	111.790	111.790	954.000	42.5	978.78	111.782	111.782
955.000	42.5	979.49	111.774	111.774	956.000	42.5	980.20	111.766	111.766
957.000	42.5	980.91	111.759	111.759	958.000	42.5	981.61	111.751	111.751
959.000	42.5	982.32	111.743	111.743	960.000	42.5	983.03	111.735	111.735
961.000	42.5	983.74	111.726	111.726	962.000	42.5	984.44	111.718	111.718
963.000	42.5	985.15	111.710	111.710	964.000	42.5	985.86	111.702	111.702
965.000	42.5	986.57	111.693	111.693	966.000	42.5	987.28	111.685	111.685
967.000	42.5	987.98	111.676	111.676	968.000	42.5	988.69	111.668	111.668
969.000	42.5	989.40	111.659	111.659	970.000	42.5	990.11	111.650	111.650
971.000	42.5	990.81	111.641	111.641	972.000	42.5	991.52	111.632	111.632
973.000	42.5	992.23	111.623	111.623	974.000	42.5	992.94	111.614	111.614
975.000	42.5	993.65	111.605	111.605	976.000	42.5	994.35	111.596	111.596
977.000	42.5	995.06	111.586	111.586	978.000	42.5	995.77	111.577	111.577
979.000	42.5	996.48	111.567	111.567	980.000	42.5	997.18	111.558	111.558
981.000	42.5	997.89	111.548	111.548	982.000	42.5	998.60	111.538	111.538
983.000	42.5	999.31	111.528	111.528	984.000	42.5	1000.02	111.518	111.518
985.000	42.5	1000.72	111.508	111.508	986.000	42.5	1001.43	111.498	111.498
987.000	42.5	1002.14	111.488	111.488	988.000	42.5	1002.85	111.478	111.478
989.000	42.5	1003.55	111.467	111.467	990.000	42.5	1004.26	111.457	111.457
991.000	42.5	1004.97	111.447	111.447	992.000	42.5	1005.68	111.441	111.441
993.000	42.5	1006.39	111.435	111.435	994.000	42.5	1007.09	111.429	111.429
995.000	42.5	1007.80	111.423	111.423	996.000	42.5	1008.51	111.417	111.417
997.000	42.5	1009.22	111.411	111.411	998.000	42.5	1009.92	111.404	111.404
999.000	42.5	1010.63	111.398	111.398	1000.000	42.5	1011.34	111.392	111.392
1001.000	42.5	1012.05	111.386	111.386	1002.000	42.5	1012.76	111.379	111.379

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DIV 2 Battery IB 48-Hour Coping Study

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Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
1003.000	42.5	1013.46			111.373	111.373	1004.000	42.5	1014.17			111.367	111.367
1005.000	42.5	1014.88			111.360	111.360	1006.000	42.5	1015.59			111.354	111.354
1007.000	42.5	1016.29			111.348	111.348	1008.000	42.5	1017.00			111.341	111.341
1009.000	42.5	1017.71			111.335	111.335	1010.000	42.5	1018.42			111.328	111.328
1011.000	42.5	1019.13			111.322	111.322	1012.000	42.5	1019.83			111.315	111.315
1013.000	42.5	1020.54			111.309	111.309	1014.000	42.5	1021.25			111.302	111.302
1015.000	42.5	1021.96			111.296	111.296	1016.000	42.5	1022.67			111.289	111.289
1017.000	42.5	1023.37			111.282	111.282	1018.000	42.5	1024.08			111.276	111.276
1019.000	42.5	1024.79			111.269	111.269	1020.000	42.5	1025.50			111.262	111.262
1021.000	42.5	1026.20			111.255	111.255	1022.000	42.5	1026.91			111.248	111.248
1023.000	42.5	1027.62			111.242	111.242	1024.000	42.5	1028.33			111.235	111.235
1025.000	42.5	1029.04			111.228	111.228	1026.000	42.5	1029.74			111.221	111.221
1027.000	42.5	1030.45			111.214	111.214	1028.000	42.5	1031.16			111.207	111.207
1029.000	42.5	1031.87			111.200	111.200	1030.000	42.5	1032.57			111.193	111.193
1031.000	42.5	1033.28			111.186	111.186	1032.000	42.5	1033.99			111.179	111.179
1033.000	42.5	1034.70			111.171	111.171	1034.000	42.5	1035.41			111.164	111.164
1035.000	42.5	1036.11			111.157	111.157	1036.000	42.5	1036.82			111.150	111.150
1037.000	42.5	1037.53			111.143	111.143	1038.000	42.5	1038.24			111.135	111.135
1039.000	42.5	1038.94			111.128	111.128	1040.000	42.5	1039.65			111.121	111.121
1041.000	42.5	1040.36			111.113	111.113	1042.000	42.5	1041.07			111.106	111.106
1043.000	42.5	1041.78			111.098	111.098	1044.000	42.5	1042.48			111.091	111.091
1045.000	42.5	1043.19			111.083	111.083	1046.000	42.5	1043.90			111.076	111.076
1047.000	42.5	1044.61			111.068	111.068	1048.000	42.5	1045.31			111.060	111.060
1049.000	42.5	1046.02			111.053	111.053	1050.000	42.5	1046.73			111.045	111.045
1051.000	42.5	1047.44			111.037	111.037	1052.000	42.5	1048.15			111.030	111.030
1053.000	42.5	1048.85			111.022	111.022	1054.000	42.5	1049.56			111.014	111.014
1055.000	42.5	1050.27			111.006	111.006	1056.000	42.5	1050.98			110.998	110.998
1057.000	42.5	1051.68			110.990	110.990	1058.000	42.5	1052.39			110.982	110.982
1059.000	42.5	1053.10			110.974	110.974	1060.000	42.5	1053.81			110.966	110.966
1061.000	42.5	1054.52			110.958	110.958	1062.000	42.5	1055.22			110.950	110.950
1063.000	42.5	1055.93			110.942	110.942	1064.000	42.5	1056.64			110.931	110.931
1065.000	42.5	1057.35			110.920	110.920	1066.000	42.5	1058.05			110.909	110.909
1067.000	42.5	1058.76			110.898	110.898	1068.000	42.5	1059.47			110.887	110.887
1069.000	42.5	1060.18			110.876	110.876	1070.000	42.5	1060.89			110.864	110.864
1071.000	42.5	1061.59			110.853	110.853	1072.000	42.5	1062.30			110.842	110.842
1073.000	42.5	1063.01			110.830	110.830	1074.000	42.5	1063.72			110.818	110.818

Project: Clinton Flex Study  
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## DIV 2 Battery 1B 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1075.000	42.5	1064.42	110.807	110.807	1076.000	42.5	1065.13	110.795	110.795
1077.000	42.5	1065.84	110.783	110.783	1078.000	42.5	1066.55	110.771	110.771
1079.000	42.5	1067.26	110.759	110.759	1080.000	42.5	1067.96	110.747	110.747
1081.000	42.5	1068.67	110.735	110.735	1082.000	42.5	1069.38	110.722	110.722
1083.000	42.5	1070.09	110.710	110.710	1084.000	42.5	1070.79	110.697	110.697
1085.000	42.5	1071.50	110.685	110.685	1086.000	42.5	1072.21	110.672	110.672
1087.000	42.5	1072.92	110.659	110.659	1088.000	42.5	1073.63	110.646	110.646
1089.000	42.5	1074.33	110.633	110.633	1090.000	42.5	1075.04	110.620	110.620
1091.000	42.5	1075.75	110.607	110.607	1092.000	42.5	1076.46	110.593	110.593
1093.000	42.5	1077.16	110.580	110.580	1094.000	42.5	1077.87	110.566	110.566
1095.000	42.5	1078.58	110.553	110.553	1096.000	42.5	1079.29	110.539	110.539
1097.000	42.5	1080.00	110.525	110.525	1098.000	42.5	1080.70	110.511	110.511
1099.000	42.5	1081.41	110.497	110.497	1100.000	42.5	1082.12	110.483	110.483
1101.000	42.5	1082.83	110.469	110.469	1102.000	42.5	1083.53	110.454	110.454
1103.000	42.5	1084.24	110.440	110.440	1104.000	42.5	1084.95	110.427	110.427
1105.000	42.5	1085.66	110.421	110.421	1106.000	42.5	1086.37	110.415	110.415
1107.000	42.5	1087.07	110.408	110.408	1108.000	42.5	1087.78	110.402	110.402
1109.000	42.5	1088.49	110.396	110.396	1110.000	42.5	1089.20	110.390	110.390
1111.000	42.5	1089.90	110.384	110.384	1112.000	42.5	1090.61	110.378	110.378
1113.000	42.5	1091.32	110.372	110.372	1114.000	42.5	1092.03	110.366	110.366
1115.000	42.5	1092.74	110.359	110.359	1116.000	42.5	1093.44	110.353	110.353
1117.000	42.5	1094.15	110.347	110.347	1118.000	42.5	1094.86	110.341	110.341
1119.000	42.5	1095.57	110.335	110.335	1120.000	42.5	1096.27	110.328	110.328
1121.000	42.5	1096.98	110.322	110.322	1122.000	42.5	1097.69	110.316	110.316
1123.000	42.5	1098.40	110.310	110.310	1124.000	42.5	1099.11	110.303	110.303
1125.000	42.5	1099.81	110.297	110.297	1126.000	42.5	1100.52	110.291	110.291
1127.000	42.5	1101.23	110.284	110.284	1128.000	42.5	1101.94	110.278	110.278
1129.000	42.5	1102.64	110.272	110.272	1130.000	42.5	1103.35	110.265	110.265
1131.000	42.5	1104.06	110.259	110.259	1132.000	42.5	1104.77	110.253	110.253
1133.000	42.5	1105.48	110.246	110.246	1134.000	42.5	1106.18	110.240	110.240
1135.000	42.5	1106.89	110.233	110.233	1136.000	42.5	1107.60	110.227	110.227
1137.000	42.5	1108.31	110.221	110.221	1138.000	42.5	1109.01	110.214	110.214
1139.000	42.5	1109.72	110.208	110.208	1140.000	42.5	1110.43	110.200	110.200
1141.000	42.5	1111.14	110.198	110.198	1142.000	42.5	1111.85	110.195	110.195
1143.000	42.5	1112.55	110.192	110.192	1144.000	42.5	1113.26	110.189	110.189
1145.000	42.5	1113.97	110.186	110.186	1146.000	42.5	1114.68	110.183	110.183

Project: Clinton Flex Study  
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## DIV 2 Battery 1B 48-Hour Coping Study

Time	Discharge Capacity		Voltage (V)		Time	Discharge Capacity		Voltage (V)	
	Current (Amp)	(Amp-Hour)	V-	V+		Current (Amp)	(Amp-Hour)	V-	V+
1147.000	42.5	1115.38	110.180	110.180	1148.000	42.5	1116.09	110.177	110.177
1149.000	42.5	1116.80	110.174	110.174	1150.000	42.5	1117.51	110.171	110.171
1151.000	42.5	1118.22	110.168	110.168	1152.000	42.5	1118.92	110.165	110.165
1153.000	42.5	1119.63	110.162	110.162	1154.000	42.5	1120.34	110.159	110.159
1155.000	42.5	1121.05	110.156	110.156	1156.000	42.5	1121.75	110.153	110.153
1157.000	42.5	1122.46	110.150	110.150	1158.000	42.5	1123.17	110.147	110.147
1159.000	42.5	1123.88	110.144	110.144	1160.000	42.5	1124.59	110.140	110.140
1161.000	42.5	1125.29	110.137	110.137	1162.000	42.5	1126.00	110.134	110.134
1163.000	42.5	1126.71	110.131	110.131	1164.000	42.5	1127.42	110.127	110.127
1165.000	42.5	1128.12	110.124	110.124	1166.000	42.5	1128.83	110.121	110.121
1167.000	42.5	1129.54	110.118	110.118	1168.000	42.5	1130.25	110.114	110.114
1169.000	42.5	1130.96	110.111	110.111	1170.000	42.5	1131.66	110.108	110.108
1171.000	42.5	1132.37	110.104	110.104	1172.000	42.5	1133.08	110.101	110.101
1173.000	42.5	1133.79	110.097	110.097	1174.000	42.5	1134.49	110.094	110.094
1175.000	42.5	1135.20	110.090	110.090	1176.000	42.5	1135.91	110.087	110.087
1177.000	42.5	1136.62	110.083	110.083	1178.000	42.5	1137.33	110.080	110.080
1179.000	42.5	1138.03	110.076	110.076	1180.000	42.5	1138.74	110.073	110.073
1181.000	42.5	1139.45	110.069	110.069	1182.000	42.5	1140.16	110.066	110.066
1183.000	42.5	1140.86	110.062	110.062	1184.000	42.5	1141.57	110.058	110.058
1185.000	42.5	1142.28	110.055	110.055	1186.000	42.5	1142.99	110.051	110.051
1187.000	42.5	1143.70	110.047	110.047	1188.000	42.5	1144.40	110.043	110.043
1189.000	42.5	1145.11	110.040	110.040	1190.000	42.5	1145.82	110.036	110.036
1191.000	42.5	1146.53	110.032	110.032	1192.000	42.5	1147.23	110.028	110.028
1193.000	42.5	1147.94	110.024	110.024	1194.000	42.5	1148.65	110.020	110.020
1195.000	42.5	1149.36	110.016	110.016	1196.000	42.5	1150.07	110.012	110.012
1197.000	42.5	1150.77	110.008	110.008	1198.000	42.5	1151.48	110.004	110.004
1199.000	42.5	1152.19	110.000	110.000	1200.000	42.5	1152.90	109.996	109.996
1201.000	42.5	1153.60	109.992	109.992	1202.000	42.5	1154.31	109.988	109.988
1203.000	42.5	1155.02	109.984	109.984	1204.000	42.5	1155.73	109.980	109.980
1205.000	42.5	1156.44	109.976	109.976	1206.000	42.5	1157.14	109.971	109.971
1207.000	42.5	1157.85	109.967	109.967	1208.000	42.5	1158.56	109.963	109.963
1209.000	42.5	1159.27	109.959	109.959	1210.000	42.5	1159.97	109.954	109.954
1211.000	42.5	1160.68	109.950	109.950	1212.000	42.5	1161.39	109.945	109.945
1213.000	42.5	1162.10	109.941	109.941	1214.000	42.5	1162.81	109.937	109.937
1215.000	42.5	1163.51	109.932	109.932	1216.000	42.5	1164.22	109.928	109.928
1217.000	42.5	1164.93	109.922	109.922	1218.000	42.5	1165.64	109.917	109.917

Project: Clinton Flex Study  
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Engineer: Badar Hussain  
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DIV 2 Battery 1B 48-Hour Coping Study

Time	Current		Discharge Capacity		Voltage (V)		Time	Current		Discharge Capacity		Voltage (V)	
	(Amp)	(Amp-Hour)			V-	V+		(Amp)	(Amp-Hour)			V-	V+
1219.000	42.5	1166.35			109.911	109.911	1220.000	42.5	1167.05			109.906	109.906
1221.000	42.5	1167.76			109.899	109.899	1222.000	42.5	1168.47			109.893	109.893
1223.000	42.5	1169.18			109.886	109.886	1224.000	42.5	1169.88			109.880	109.880
1225.000	42.5	1170.59			109.873	109.873	1226.000	42.5	1171.30			109.866	109.866
1227.000	42.5	1172.01			109.859	109.859	1228.000	42.5	1172.72			109.852	109.852
1229.000	42.5	1173.42			109.845	109.845	1230.000	42.5	1174.13			109.838	109.838
1231.000	42.5	1174.84			109.830	109.830	1232.000	42.5	1175.55			109.823	109.823
1233.000	42.5	1176.25			109.815	109.815	1234.000	42.5	1176.96			109.807	109.807
1235.000	42.5	1177.67			109.800	109.800	1236.000	42.5	1178.38			109.792	109.792
1237.000	42.5	1179.09			109.784	109.784	1238.000	42.5	1179.79			109.775	109.775
1239.000	42.5	1180.50			109.767	109.767	1240.000	42.5	1181.21			109.759	109.759
1241.000	42.5	1181.92			109.750	109.750	1242.000	42.5	1182.62			109.741	109.741
1243.000	42.5	1183.33			109.732	109.732	1244.000	42.5	1184.04			109.723	109.723
1245.000	42.5	1184.75			109.714	109.714	1246.000	42.5	1185.46			109.705	109.705
1247.000	42.5	1186.16			109.695	109.695	1248.000	42.5	1186.87			109.686	109.686
1249.000	42.5	1187.58			109.676	109.676	1250.000	42.5	1188.29			109.666	109.666
1251.000	42.5	1188.99			109.656	109.656	1252.000	42.5	1189.70			109.646	109.646
1253.000	42.5	1190.41			109.635	109.635	1254.000	42.5	1191.12			109.625	109.625
1255.000	42.5	1191.83			109.614	109.614	1256.000	42.5	1192.53			109.603	109.603
1257.000	42.5	1193.24			109.591	109.591	1258.000	42.5	1193.95			109.580	109.580
1259.000	42.5	1194.66			109.568	109.568	1260.000	42.5	1195.36			109.556	109.556
1261.000	42.5	1196.07			109.544	109.544	1262.000	42.5	1196.78			109.532	109.532
1263.000	42.5	1197.49			109.524	109.524	1264.000	42.5	1198.20			109.515	109.515
1265.000	42.5	1198.90			109.507	109.507	1266.000	42.5	1199.61			109.499	109.499
1267.000	42.5	1200.32			109.490	109.490	1268.000	42.5	1201.03			109.482	109.482
1269.000	42.5	1201.73			109.473	109.473	1270.000	42.5	1202.44			109.465	109.465
1271.000	42.5	1203.15			109.456	109.456	1272.000	42.5	1203.86			109.447	109.447
1273.000	42.5	1204.57			109.439	109.439	1274.000	42.5	1205.27			109.430	109.430
1275.000	42.5	1205.98			109.421	109.421	1276.000	42.5	1206.69			109.412	109.412
1277.000	42.5	1207.40			109.403	109.403	1278.000	42.5	1208.10			109.394	109.394
1279.000	42.5	1208.81			109.385	109.385	1280.000	42.5	1209.52			109.376	109.376
1281.000	42.5	1210.23			109.367	109.367	1282.000	42.5	1210.94			109.357	109.357
1283.000	42.5	1211.64			109.348	109.348	1284.000	42.5	1212.35			109.339	109.339
1285.000	42.5	1213.06			109.329	109.329	1286.000	42.5	1213.77			109.320	109.320
1287.000	42.5	1214.47			109.310	109.310	1288.000	42.5	1215.18			109.300	109.300
1289.000	42.5	1215.89			109.291	109.291	1290.000	42.5	1216.60			109.280	109.280

Project: Clinton Flex Study  
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## DIV 2 Battery 1B 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1291.000	42.5	1217.31	109.270	109.270	1292.000	42.5	1218.01	109.260	109.260
1293.000	42.5	1218.72	109.249	109.249	1294.000	42.5	1219.43	109.239	109.239
1295.000	42.5	1220.14	109.228	109.228	1296.000	42.5	1220.84	109.218	109.218
1297.000	42.5	1221.55	109.207	109.207	1298.000	42.5	1222.26	109.196	109.196
1299.000	42.5	1222.97	109.185	109.185	1300.000	42.5	1223.68	109.174	109.174
1301.000	42.5	1224.38	109.163	109.163	1302.000	42.5	1225.09	109.152	109.152
1303.000	42.5	1225.80	109.141	109.141	1304.000	42.5	1226.51	109.130	109.130
1305.000	42.5	1227.21	109.119	109.119	1306.000	42.5	1227.92	109.107	109.107
1307.000	42.5	1228.63	109.096	109.096	1308.000	42.5	1229.34	109.084	109.084
1309.000	42.5	1230.05	109.073	109.073	1310.000	42.5	1230.75	109.061	109.061
1311.000	42.5	1231.46	109.049	109.049	1312.000	42.5	1232.17	109.037	109.037
1313.000	42.5	1232.88	109.025	109.025	1314.000	42.5	1233.58	109.013	109.013
1315.000	42.5	1234.29	109.001	109.001	1316.000	42.5	1235.00	108.989	108.989
1317.000	42.5	1235.71	108.977	108.977	1318.000	42.5	1236.42	108.964	108.964
1319.000	42.5	1237.12	108.952	108.952	1320.000	42.5	1237.83	108.940	108.940
1321.000	42.5	1238.54	108.928	108.928	1322.000	42.5	1239.25	108.919	108.919
1323.000	42.5	1239.95	108.909	108.909	1324.000	42.5	1240.66	108.900	108.900
1325.000	42.5	1241.37	108.891	108.891	1326.000	42.5	1242.08	108.882	108.882
1327.000	42.5	1242.79	108.873	108.873	1328.000	42.5	1243.49	108.864	108.864
1329.000	42.5	1244.20	108.854	108.854	1330.000	42.5	1244.91	108.845	108.845
1331.000	42.5	1245.62	108.836	108.836	1332.000	42.5	1246.32	108.827	108.827
1333.000	42.5	1247.03	108.818	108.818	1334.000	42.5	1247.74	108.808	108.808
1335.000	42.5	1248.45	108.799	108.799	1336.000	42.5	1249.16	108.790	108.790
1337.000	42.5	1249.86	108.780	108.780	1338.000	42.5	1250.57	108.771	108.771
1339.000	42.5	1251.28	108.762	108.762	1340.000	42.5	1251.99	108.752	108.752
1341.000	42.5	1252.69	108.743	108.743	1342.000	42.5	1253.40	108.734	108.734
1343.000	42.5	1254.11	108.724	108.724	1344.000	42.5	1254.82	108.715	108.715
1345.000	42.5	1255.53	108.706	108.706	1346.000	42.5	1256.23	108.696	108.696
1347.000	42.5	1256.94	108.687	108.687	1348.000	42.5	1257.65	108.677	108.677
1349.000	42.5	1258.36	108.668	108.668	1350.000	42.5	1259.06	108.658	108.658
1351.000	42.5	1259.77	108.649	108.649	1352.000	42.5	1260.48	108.639	108.639
1353.000	42.5	1261.19	108.630	108.630	1354.000	42.5	1261.90	108.620	108.620
1355.000	42.5	1262.60	108.611	108.611	1356.000	42.5	1263.31	108.601	108.601
1357.000	42.5	1264.02	108.591	108.591	1358.000	42.5	1264.73	108.582	108.582
1359.000	42.5	1265.43	108.572	108.572	1360.000	42.5	1266.14	108.563	108.563
1361.000	42.5	1266.85	108.553	108.553	1362.000	42.5	1267.56	108.543	108.543

Project: Clinton Flex Study  
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## DIV 2 Battery 1B 48-Hour Coping Study

Time	Current	Discharge Capacity	Voltage (V)		Time	Current	Discharge Capacity	Voltage (V)	
	(Amp)	(Amp-Hour)	V-	V+		(Amp)	(Amp-Hour)	V-	V+
1363.000	42.5	1268.27	108.534	108.534	1364.000	42.5	1268.97	108.524	108.524
1365.000	42.5	1269.68	108.514	108.514	1366.000	42.5	1270.39	108.505	108.505
1367.000	42.5	1271.10	108.495	108.495	1368.000	42.5	1271.80	108.485	108.485
1369.000	42.5	1272.51	108.475	108.475	1370.000	42.5	1273.22	108.466	108.466
1371.000	42.5	1273.93	108.456	108.456	1372.000	42.5	1274.64	108.446	108.446
1373.000	42.5	1275.34	108.436	108.436	1374.000	42.5	1276.05	108.426	108.426
1375.000	42.5	1276.76	108.416	108.416	1376.000	42.5	1277.47	108.407	108.407
1377.000	42.5	1278.17	108.397	108.397	1378.000	42.5	1278.88	108.387	108.387
1379.000	42.5	1279.59	108.377	108.377	1380.000	42.5	1280.30	108.367	108.367
1381.000	42.5	1281.01	108.357	108.357	1382.000	42.5	1281.71	108.347	108.347
1383.000	42.5	1282.42	108.337	108.337	1384.000	42.5	1283.13	108.327	108.327
1385.000	42.5	1283.84	108.317	108.317	1386.000	42.5	1284.54	108.307	108.307
1387.000	42.5	1285.25	108.297	108.297	1388.000	42.5	1285.96	108.287	108.287
1389.000	42.5	1286.67	108.276	108.276	1390.000	42.5	1287.38	108.265	108.265
1391.000	42.5	1288.08	108.253	108.253	1392.000	42.5	1288.79	108.241	108.241
1393.000	42.5	1289.50	108.229	108.229	1394.000	42.5	1290.21	108.218	108.218
1395.000	42.5	1290.91	108.206	108.206	1396.000	42.5	1291.62	108.194	108.194
1397.000	42.5	1292.33	108.182	108.182	1398.000	42.5	1293.04	108.170	108.170
1399.000	42.5	1293.75	108.158	108.158	1400.000	42.5	1294.45	108.146	108.146
1401.000	42.5	1295.16	108.133	108.133	1402.000	42.5	1295.87	108.121	108.121
1403.000	42.5	1296.58	108.109	108.109	1404.000	42.5	1297.29	108.097	108.097
1405.000	42.5	1297.99	108.085	108.085	1406.000	42.5	1298.70	108.072	108.072
1407.000	42.5	1299.41	108.060	108.060	1408.000	42.5	1300.12	108.047	108.047
1409.000	42.5	1300.82	108.035	108.035	1410.000	42.5	1301.53	108.022	108.022
1411.000	42.5	1302.24	108.010	108.010	1412.000	42.5	1302.95	107.997	107.997
1413.000	42.5	1303.66	107.985	107.985	1414.000	42.5	1304.36	107.972	107.972
1415.000	42.5	1305.07	107.959	107.959	1416.000	42.5	1305.78	107.947	107.947
1417.000	42.5	1306.49	107.934	107.934	1418.000	42.5	1307.19	107.921	107.921
1419.000	42.5	1307.90	107.908	107.908	1420.000	42.5	1308.61	107.895	107.895
1421.000	42.5	1309.32	107.882	107.882	1422.000	42.5	1310.03	107.869	107.869
1423.000	42.5	1310.73	107.856	107.856	1424.000	42.5	1311.44	107.843	107.843
1425.000	42.5	1312.15	107.830	107.830	1426.000	42.5	1312.86	107.817	107.817
1427.000	42.5	1313.56	107.803	107.803	1428.000	42.5	1314.27	107.790	107.790
1429.000	42.5	1314.98	107.777	107.777	1430.000	42.5	1315.69	107.764	107.764
1431.000	42.5	1316.40	107.750	107.750	1432.000	42.5	1317.10	107.737	107.737
1433.000	42.5	1317.81	107.723	107.723	1434.000	42.5	1318.52	107.710	107.710

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DIV 2 Battery 1B 48-Hour Coping Study

Time	Discharge		Voltage (V)		Time	Discharge		Voltage (V)	
	Current (Amp)	Capacity (Amp-Hour)	V-	V+		Current (Amp)	Capacity (Amp-Hour)	V-	V+
1435.000	42.5	1319.23	107.696	107.696	1436.000	42.5	1319.93	107.682	107.682
1437.000	42.5	1320.64	107.669	107.669	1438.000	42.5	1321.35	107.655	107.655
1439.000	42.5	1322.06	107.641	107.641	1440.000	42.5	1322.77	107.627	107.627
1441.000	42.5	1323.47	107.613	107.613	1442.000	42.5	1324.18	107.599	107.599
1443.000	42.5	1324.89	107.585	107.585	1444.000	42.5	1325.60	107.571	107.571
1445.000	42.5	1326.30	107.557	107.557	1446.000	42.5	1327.01	107.543	107.543
1447.000	42.5	1327.72	107.529	107.529	1448.000	42.5	1328.43	107.515	107.515
1449.000	42.5	1329.14	107.500	107.500	1450.000	42.5	1329.84	107.486	107.486
1451.000	42.5	1330.55	107.472	107.472	1452.000	42.5	1331.26	107.457	107.457
1453.000	42.5	1331.97	107.443	107.443	1454.000	42.5	1332.67	107.428	107.428
1455.000	42.5	1333.38	107.414	107.414	1456.000	42.5	1334.09	107.399	107.399
1457.000	42.5	1334.80	107.384	107.384	1458.000	42.5	1335.51	107.369	107.369
1459.000	42.5	1336.21	107.355	107.355	1460.000	42.5	1336.92	107.340	107.340
1461.000	42.5	1337.63	107.325	107.325	1462.000	42.5	1338.34	107.310	107.310
1463.000	42.5	1339.04	107.295	107.295	1464.000	42.5	1339.75	107.278	107.278
1465.000	42.5	1340.46	107.262	107.262	1466.000	42.5	1341.17	107.246	107.246
1467.000	42.5	1341.88	107.235	107.235	1468.000	42.5	1342.58	107.226	107.226
1469.000	42.5	1343.29	107.217	107.217	1470.000	42.5	1344.00	107.208	107.208
1471.000	42.5	1344.71	107.199	107.199	1472.000	42.5	1345.41	107.190	107.190
1473.000	42.5	1346.12	107.181	107.181	1474.000	42.5	1346.83	107.171	107.171
1475.000	42.5	1347.54	107.162	107.162	1476.000	42.5	1348.25	107.153	107.153
1477.000	42.5	1348.95	107.144	107.144	1478.000	42.5	1349.66	107.134	107.134
1479.000	42.5	1350.37	107.125	107.125	1480.000	42.5	1351.08	107.115	107.115
1481.000	42.5	1351.78	107.105	107.105	1482.000	42.5	1352.49	107.096	107.096
1483.000	42.5	1353.20	107.086	107.086	1484.000	42.5	1353.91	107.076	107.076
1485.000	42.5	1354.62	107.066	107.066	1486.000	42.5	1355.32	107.056	107.056
1487.000	42.5	1356.03	107.047	107.047	1488.000	42.5	1356.74	107.036	107.036
1489.000	42.5	1357.45	107.026	107.026	1490.000	42.5	1358.15	107.016	107.016
1491.000	42.5	1358.86	107.006	107.006	1492.000	42.5	1359.57	106.996	106.996
1493.000	42.5	1360.28	106.985	106.985	1494.000	42.5	1360.99	106.975	106.975
1495.000	42.5	1361.69	106.964	106.964	1496.000	42.5	1362.40	106.954	106.954
1497.000	42.5	1363.11	106.943	106.943	1498.000	42.5	1363.82	106.932	106.932
1499.000	42.5	1364.52	106.922	106.922	1500.000	42.5	1365.23	106.911	106.911
1501.000	42.5	1365.94	106.900	106.900	1502.000	42.5	1366.65	106.889	106.889
1503.000	42.5	1367.36	106.878	106.878	1503.333	0.0	1367.59	106.874	119.654

\* This voltage result was obtained using extrapolated battery data.

Project: Clinton Flex Study  
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DIV 2 Battery 1B 48-Hour Coping Study

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**Bus Voltage Tabulation During Battery Discharge**

**BATT 1B BUS**

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
0.000	119.654	110.037	0.017	110.037	111.852	1.000	111.843	112.091	2.000	112.084	112.084
3.000	112.077	112.077	4.000	112.070	112.070	5.000	112.062	112.062	6.000	112.055	112.055
7.000	112.048	112.048	8.000	112.041	112.041	9.000	112.034	112.034	10.000	112.027	112.027
11.000	112.020	112.020	12.000	112.013	112.013	13.000	112.006	112.006	14.000	111.999	111.999
15.000	111.992	111.992	16.000	111.983	111.983	17.000	111.975	111.975	18.000	111.966	111.966
19.000	111.957	111.957	20.000	111.948	111.948	21.000	111.938	111.938	22.000	111.929	111.929
23.000	111.920	111.920	24.000	111.910	111.910	25.000	111.900	111.900	26.000	111.891	111.891
27.000	111.881	111.881	28.000	111.871	111.871	29.000	111.860	111.860	30.000	111.850	111.850
31.000	111.840	111.840	32.000	111.829	111.829	33.000	111.818	111.818	34.000	111.807	111.807
35.000	111.796	111.796	36.000	111.785	111.785	37.000	111.774	111.774	38.000	111.762	111.762
39.000	111.750	111.750	40.000	111.738	111.738	41.000	111.726	111.726	42.000	111.714	111.714
43.000	111.702	111.702	44.000	111.689	111.689	45.000	111.671	111.671	46.000	111.646	111.646
47.000	111.621	111.621	48.000	111.596	111.596	49.000	111.571	111.571	50.000	111.545	111.545
51.000	111.519	111.519	52.000	111.493	111.493	53.000	111.467	111.467	54.000	111.441	111.441
55.000	111.414	111.414	56.000	111.388	111.388	57.000	111.362	111.362	58.000	111.336	111.336
59.000	111.310	111.310	60.000	111.284	114.437	61.000	114.432	114.432	62.000	114.427	114.427
63.000	114.422	114.422	64.000	114.417	114.417	65.000	114.412	114.412	66.000	114.407	114.407
67.000	114.402	114.402	68.000	114.397	114.397	69.000	114.392	114.392	70.000	114.385	114.385
71.000	114.375	114.375	72.000	114.365	114.365	73.000	114.355	114.355	74.000	114.345	114.345
75.000	114.335	114.335	76.000	114.325	114.325	77.000	114.316	114.316	78.000	114.306	114.306
79.000	114.296	114.296	80.000	114.286	114.286	81.000	114.277	114.277	82.000	114.267	114.267
83.000	114.257	114.257	84.000	114.248	114.248	85.000	114.238	114.238	86.000	114.228	114.228
87.000	114.219	114.219	88.000	114.209	114.209	89.000	114.200	114.200	90.000	114.190	114.190
91.000	114.181	114.181	92.000	114.171	114.171	93.000	114.162	114.162	94.000	114.152	114.152
95.000	114.143	114.143	96.000	114.134	114.134	97.000	114.124	114.124	98.000	114.115	114.115
99.000	114.106	114.106	100.000	114.096	114.096	101.000	114.087	114.087	102.000	114.078	114.078
103.000	114.068	114.068	104.000	114.059	114.059	105.000	114.050	114.050	106.000	114.041	114.041
107.000	114.032	114.032	108.000	114.023	114.023	109.000	114.014	114.014	110.000	114.004	114.004
111.000	113.995	113.995	112.000	113.986	113.986	113.000	113.977	113.977	114.000	113.971	113.971
115.000	113.969	113.969	116.000	113.968	113.968	117.000	113.966	113.966	118.000	113.964	113.964
119.000	113.963	113.963	120.000	113.961	113.961	121.000	113.960	113.960	122.000	113.958	113.958
123.000	113.956	113.956	124.000	113.955	113.955	125.000	113.953	113.953	126.000	113.951	113.951
127.000	113.950	113.950	128.000	113.948	113.948	129.000	113.946	113.946	130.000	113.945	113.945
131.000	113.943	113.943	132.000	113.941	113.941	133.000	113.940	113.940	134.000	113.938	113.938

Project: Clinton Flex Study  
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Filename: CPS SBO Study

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## DIV 2 Battery 1B 48-Hour Coping Study

## BATT 1B BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
135.000	113.936	113.936	136.000	113.935	113.935	137.000	113.933	113.933	138.000	113.931	113.931
139.000	113.930	113.930	140.000	113.928	113.928	141.000	113.926	113.926	142.000	113.925	113.925
143.000	113.923	113.923	144.000	113.921	113.921	145.000	113.920	113.920	146.000	113.918	113.918
147.000	113.916	113.916	148.000	113.915	113.915	149.000	113.913	113.913	150.000	113.911	113.911
151.000	113.909	113.909	152.000	113.908	113.908	153.000	113.906	113.906	154.000	113.904	113.904
155.000	113.903	113.903	156.000	113.901	113.901	157.000	113.899	113.899	158.000	113.897	113.897
159.000	113.896	113.896	160.000	113.894	113.894	161.000	113.892	113.892	162.000	113.890	113.890
163.000	113.889	113.889	164.000	113.887	113.887	165.000	113.885	113.885	166.000	113.883	113.883
167.000	113.882	113.882	168.000	113.880	113.880	169.000	113.878	113.878	170.000	113.876	113.876
171.000	113.875	113.875	172.000	113.873	113.873	173.000	113.871	113.871	174.000	113.869	113.869
175.000	113.868	113.868	176.000	113.866	113.866	177.000	113.864	113.864	178.000	113.862	113.862
179.000	113.860	113.860	180.000	113.859	113.859	181.000	113.857	113.857	182.000	113.856	113.856
183.000	113.855	113.855	184.000	113.855	113.855	185.000	113.854	113.854	186.000	113.854	113.854
187.000	113.854	113.854	188.000	113.853	113.853	189.000	113.853	113.853	190.000	113.852	113.852
191.000	113.852	113.852	192.000	113.851	113.851	193.000	113.851	113.851	194.000	113.851	113.851
195.000	113.850	113.850	196.000	113.850	113.850	197.000	113.849	113.849	198.000	113.849	113.849
199.000	113.848	113.848	200.000	113.848	113.848	201.000	113.847	113.847	202.000	113.847	113.847
203.000	113.847	113.847	204.000	113.846	113.846	205.000	113.846	113.846	206.000	113.845	113.845
207.000	113.845	113.845	208.000	113.844	113.844	209.000	113.844	113.844	210.000	113.843	113.843
211.000	113.843	113.843	212.000	113.842	113.842	213.000	113.842	113.842	214.000	113.842	113.842
215.000	113.841	113.841	216.000	113.841	113.841	217.000	113.840	113.840	218.000	113.840	113.840
219.000	113.839	113.839	220.000	113.839	113.839	221.000	113.838	113.838	222.000	113.838	113.838
223.000	113.837	113.837	224.000	113.837	113.837	225.000	113.836	113.836	226.000	113.836	113.836
227.000	113.835	113.835	228.000	113.835	113.835	229.000	113.835	113.835	230.000	113.834	113.834
231.000	113.834	113.834	232.000	113.833	113.833	233.000	113.833	113.833	234.000	113.832	113.832
235.000	113.832	113.832	236.000	113.831	113.831	237.000	113.831	113.831	238.000	113.830	113.830
239.000	113.830	113.830	240.000	113.829	113.829	241.000	113.829	113.829	242.000	113.828	113.828
243.000	113.828	113.828	244.000	113.827	113.827	245.000	113.826	113.826	246.000	113.825	113.825
247.000	113.824	113.824	248.000	113.824	113.824	249.000	113.823	113.823	250.000	113.822	113.822
251.000	113.821	113.821	252.000	113.820	113.820	253.000	113.820	113.820	254.000	113.819	113.819
255.000	113.818	113.818	256.000	113.817	113.817	257.000	113.817	113.817	258.000	113.816	113.816
259.000	113.815	113.815	260.000	113.814	113.814	261.000	113.813	113.813	262.000	113.812	113.812
263.000	113.812	113.812	264.000	113.811	113.811	265.000	113.810	113.810	266.000	113.809	113.809
267.000	113.808	113.808	268.000	113.808	113.808	269.000	113.807	113.807	270.000	113.806	113.806
271.000	113.805	113.805	272.000	113.804	113.804	273.000	113.804	113.804	274.000	113.803	113.803
275.000	113.802	113.802	276.000	113.801	113.801	277.000	113.800	113.800	278.000	113.799	113.799
279.000	113.799	113.799	280.000	113.798	113.798	281.000	113.797	113.797	282.000	113.796	113.796

Project: Clinton Flex Study  
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Filename: CPS SBO Study

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## DIV 2 Battery 1B 48-Hour Coping Study

## BATT 1B BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
283.000	113.795	113.795	284.000	113.794	113.794	285.000	113.794	113.794	286.000	113.793	113.793
287.000	113.792	113.792	288.000	113.791	113.791	289.000	113.790	113.790	290.000	113.789	113.789
291.000	113.788	113.788	292.000	113.788	113.788	293.000	113.787	113.787	294.000	113.786	113.786
295.000	113.785	113.785	296.000	113.784	113.784	297.000	113.783	113.783	298.000	113.782	113.782
299.000	113.782	113.782	300.000	113.781	113.781	301.000	113.780	113.780	302.000	113.779	113.779
303.000	113.778	113.778	304.000	113.777	113.777	305.000	113.776	113.776	306.000	113.775	113.775
307.000	113.775	113.775	308.000	113.774	113.774	309.000	113.773	113.773	310.000	113.772	113.772
311.000	113.771	113.771	312.000	113.770	113.770	313.000	113.769	113.769	314.000	113.768	113.768
315.000	113.767	113.767	316.000	113.767	113.767	317.000	113.766	113.766	318.000	113.765	113.765
319.000	113.764	113.764	320.000	113.763	113.763	321.000	113.762	113.762	322.000	113.761	113.761
323.000	113.760	113.760	324.000	113.759	113.759	325.000	113.758	113.758	326.000	113.758	113.758
327.000	113.757	113.757	328.000	113.756	113.756	329.000	113.755	113.755	330.000	113.754	113.754
331.000	113.753	113.753	332.000	113.752	113.752	333.000	113.751	113.751	334.000	113.750	113.750
335.000	113.749	113.749	336.000	113.748	113.748	337.000	113.747	113.747	338.000	113.746	113.746
339.000	113.745	113.745	340.000	113.745	113.745	341.000	113.744	113.744	342.000	113.743	113.743
343.000	113.742	113.742	344.000	113.741	113.741	345.000	113.740	113.740	346.000	113.739	113.739
347.000	113.738	113.738	348.000	113.737	113.737	349.000	113.736	113.736	350.000	113.735	113.735
351.000	113.734	113.734	352.000	113.733	113.733	353.000	113.732	113.732	354.000	113.731	113.731
355.000	113.730	113.730	356.000	113.729	113.729	357.000	113.728	113.728	358.000	113.727	113.727
359.000	113.726	113.726	360.000	113.725	113.725	361.000	113.724	113.724	362.000	113.723	113.723
363.000	113.722	113.722	364.000	113.721	113.721	365.000	113.720	113.720	366.000	113.719	113.719
367.000	113.718	113.718	368.000	113.717	113.717	369.000	113.716	113.716	370.000	113.715	113.715
371.000	113.714	113.714	372.000	113.713	113.713	373.000	113.712	113.712	374.000	113.711	113.711
375.000	113.710	113.710	376.000	113.709	113.709	377.000	113.705	113.705	378.000	113.702	113.702
379.000	113.698	113.698	380.000	113.694	113.694	381.000	113.690	113.690	382.000	113.686	113.686
383.000	113.683	113.683	384.000	113.679	113.679	385.000	113.675	113.675	386.000	113.671	113.671
387.000	113.668	113.668	388.000	113.664	113.664	389.000	113.660	113.660	390.000	113.656	113.656
391.000	113.652	113.652	392.000	113.649	113.649	393.000	113.645	113.645	394.000	113.641	113.641
395.000	113.637	113.637	396.000	113.633	113.633	397.000	113.630	113.630	398.000	113.626	113.626
399.000	113.622	113.622	400.000	113.618	113.618	401.000	113.614	113.614	402.000	113.611	113.611
403.000	113.607	113.607	404.000	113.603	113.603	405.000	113.599	113.599	406.000	113.595	113.595
407.000	113.591	113.591	408.000	113.588	113.588	409.000	113.584	113.584	410.000	113.580	113.580
411.000	113.576	113.576	412.000	113.572	113.572	413.000	113.568	113.568	414.000	113.565	113.565
415.000	113.561	113.561	416.000	113.558	113.558	417.000	113.556	113.556	418.000	113.553	113.553
419.000	113.551	113.551	420.000	113.548	113.548	421.000	113.546	113.546	422.000	113.543	113.543
423.000	113.541	113.541	424.000	113.538	113.538	425.000	113.536	113.536	426.000	113.533	113.533
427.000	113.531	113.531	428.000	113.528	113.528	429.000	113.525	113.525	430.000	113.523	113.523

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DIV 2 Battery 1B 48-Hour Coping Study

BATT 1B BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
431.000	113.520	113.520	432.000	113.517	113.517	433.000	113.515	113.515	434.000	113.512	113.512
435.000	113.509	113.509	436.000	113.507	113.507	437.000	113.504	113.504	438.000	113.501	113.501
439.000	113.498	113.498	440.000	113.495	113.495	441.000	113.492	113.492	442.000	113.489	113.489
443.000	113.487	113.487	444.000	113.484	113.484	445.000	113.481	113.481	446.000	113.478	113.478
447.000	113.475	113.475	448.000	113.472	113.472	449.000	113.469	113.469	450.000	113.466	113.466
451.000	113.462	113.462	452.000	113.459	113.459	453.000	113.456	113.456	454.000	113.453	113.453
455.000	113.450	113.450	456.000	113.447	113.447	457.000	113.443	113.443	458.000	113.440	113.440
459.000	113.437	113.437	460.000	113.433	113.433	461.000	113.430	113.430	462.000	113.427	113.427
463.000	113.423	113.423	464.000	113.420	113.420	465.000	113.416	113.416	466.000	113.413	113.413
467.000	113.409	113.409	468.000	113.406	113.406	469.000	113.402	113.402	470.000	113.399	113.399
471.000	113.395	113.395	472.000	113.391	113.391	473.000	113.388	113.388	474.000	113.384	113.384
475.000	113.382	113.382	476.000	113.378	113.378	477.000	113.373	113.373	478.000	113.369	113.369
479.000	113.365	113.365	480.000	113.361	113.361	481.000	113.357	113.357	482.000	113.352	113.352
483.000	113.348	113.348	484.000	113.344	113.344	485.000	113.340	113.340	486.000	113.335	113.335
487.000	113.331	113.331	488.000	113.327	113.327	489.000	113.323	113.323	490.000	113.318	113.318
491.000	113.314	113.314	492.000	113.310	113.310	493.000	113.305	113.305	494.000	113.301	113.301
495.000	113.297	113.297	496.000	113.293	113.293	497.000	113.288	113.288	498.000	113.284	113.284
499.000	113.280	113.280	500.000	113.276	113.276	501.000	113.271	113.271	502.000	113.267	113.267
503.000	113.263	113.263	504.000	113.258	113.258	505.000	113.254	113.254	506.000	113.250	113.250
507.000	113.246	113.246	508.000	113.241	113.241	509.000	113.237	113.237	510.000	113.233	113.233
511.000	113.228	113.228	512.000	113.224	113.224	513.000	113.220	113.220	514.000	113.215	113.215
515.000	113.211	113.211	516.000	113.207	113.207	517.000	113.203	113.203	518.000	113.198	113.198
519.000	113.194	113.194	520.000	113.190	113.190	521.000	113.185	113.185	522.000	113.181	113.181
523.000	113.177	113.177	524.000	113.172	113.172	525.000	113.168	113.168	526.000	113.164	113.164
527.000	113.159	113.159	528.000	113.155	113.155	529.000	113.151	113.151	530.000	113.146	113.146
531.000	113.142	113.142	532.000	113.138	113.138	533.000	113.133	113.133	534.000	113.129	113.129
535.000	113.125	113.125	536.000	113.120	113.120	537.000	113.116	113.116	538.000	113.112	113.112
539.000	113.108	113.108	540.000	113.106	113.106	541.000	113.103	113.103	542.000	113.101	113.101
543.000	113.099	113.099	544.000	113.097	113.097	545.000	113.094	113.094	546.000	113.092	113.092
547.000	113.090	113.090	548.000	113.087	113.087	549.000	113.085	113.085	550.000	113.083	113.083
551.000	113.080	113.080	552.000	113.078	113.078	553.000	113.076	113.076	554.000	113.073	113.073
555.000	113.071	113.071	556.000	113.069	113.069	557.000	113.066	113.066	558.000	113.064	113.064
559.000	113.062	113.062	560.000	113.059	113.059	561.000	113.057	113.057	562.000	113.055	113.055
563.000	113.052	113.052	564.000	113.050	113.050	565.000	113.048	113.048	566.000	113.045	113.045
567.000	113.043	113.043	568.000	113.040	113.040	569.000	113.038	113.038	570.000	113.036	113.036
571.000	113.033	113.033	572.000	113.031	113.031	573.000	113.028	113.028	574.000	113.026	113.026
575.000	113.023	113.023	576.000	113.021	113.021	577.000	113.019	113.019	578.000	113.016	113.016

Project: Clinton Flex Study  
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DIV 2 Battery 1B 48-Hour Coping Study

BATT 1B BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
579.000	113.014	113.014	580.000	113.011	113.011	581.000	113.009	113.009	582.000	113.006	113.006
583.000	113.004	113.004	584.000	113.002	113.002	585.000	112.999	112.999	586.000	112.997	112.997
587.000	112.994	112.994	588.000	112.992	112.992	589.000	112.989	112.989	590.000	112.987	112.987
591.000	112.984	112.984	592.000	112.982	112.982	593.000	112.979	112.979	594.000	112.977	112.977
595.000	112.974	112.974	596.000	112.972	112.972	597.000	112.969	112.969	598.000	112.967	112.967
599.000	112.964	112.964	600.000	112.962	112.962	601.000	112.959	112.959	602.000	112.957	112.957
603.000	112.954	112.954	604.000	112.952	112.952	605.000	112.949	112.949	606.000	112.947	112.947
607.000	112.944	112.944	608.000	112.942	112.942	609.000	112.939	112.939	610.000	112.937	112.937
611.000	112.934	112.934	612.000	112.932	112.932	613.000	112.931	112.931	614.000	112.929	112.929
615.000	112.927	112.927	616.000	112.925	112.925	617.000	112.923	112.923	618.000	112.922	112.922
619.000	112.920	112.920	620.000	112.918	112.918	621.000	112.916	112.916	622.000	112.914	112.914
623.000	112.912	112.912	624.000	112.911	112.911	625.000	112.909	112.909	626.000	112.907	112.907
627.000	112.905	112.905	628.000	112.903	112.903	629.000	112.901	112.901	630.000	112.899	112.899
631.000	112.898	112.898	632.000	112.896	112.896	633.000	112.894	112.894	634.000	112.892	112.892
635.000	112.890	112.890	636.000	112.888	112.888	637.000	112.886	112.886	638.000	112.884	112.884
639.000	112.882	112.882	640.000	112.881	112.881	641.000	112.879	112.879	642.000	112.877	112.877
643.000	112.875	112.875	644.000	112.873	112.873	645.000	112.871	112.871	646.000	112.869	112.869
647.000	112.867	112.867	648.000	112.865	112.865	649.000	112.863	112.863	650.000	112.861	112.861
651.000	112.859	112.859	652.000	112.857	112.857	653.000	112.855	112.855	654.000	112.853	112.853
655.000	112.852	112.852	656.000	112.850	112.850	657.000	112.848	112.848	658.000	112.846	112.846
659.000	112.844	112.844	660.000	112.842	112.842	661.000	112.840	112.840	662.000	112.838	112.838
663.000	112.836	112.836	664.000	112.834	112.834	665.000	112.832	112.832	666.000	112.830	112.830
667.000	112.828	112.828	668.000	112.826	112.826	669.000	112.824	112.824	670.000	112.821	112.821
671.000	112.819	112.819	672.000	112.817	112.817	673.000	112.815	112.815	674.000	112.813	112.813
675.000	112.811	112.811	676.000	112.809	112.809	677.000	112.807	112.807	678.000	112.805	112.805
679.000	112.803	112.803	680.000	112.801	112.801	681.000	112.799	112.799	682.000	112.797	112.797
683.000	112.795	112.795	684.000	112.792	112.792	685.000	112.789	112.789	686.000	112.787	112.787
687.000	112.784	112.784	688.000	112.781	112.781	689.000	112.778	112.778	690.000	112.775	112.775
691.000	112.773	112.773	692.000	112.770	112.770	693.000	112.767	112.767	694.000	112.764	112.764
695.000	112.761	112.761	696.000	112.759	112.759	697.000	112.756	112.756	698.000	112.753	112.753
699.000	112.750	112.750	700.000	112.747	112.747	701.000	112.744	112.744	702.000	112.742	112.742
703.000	112.739	112.739	704.000	112.736	112.736	705.000	112.733	112.733	706.000	112.730	112.730
707.000	112.727	112.727	708.000	112.724	112.724	709.000	112.721	112.721	710.000	112.719	112.719
711.000	112.716	112.716	712.000	112.713	112.713	713.000	112.710	112.710	714.000	112.707	112.707
715.000	112.704	112.704	716.000	112.701	112.701	717.000	112.698	112.698	718.000	112.695	112.695
719.000	112.692	112.692	720.000	112.689	112.689	721.000	112.686	112.686	722.000	112.683	112.683
723.000	112.680	112.680	724.000	112.677	112.677	725.000	112.674	112.674	726.000	112.671	112.671

Project: Clinton Flex Study  
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DIV 2 Battery 1B 48-Hour Coping Study

BATT 1B BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
727.000	112.669	112.669	728.000	112.666	112.666	729.000	112.663	112.663	730.000	112.660	112.660
731.000	112.657	112.657	732.000	112.653	112.653	733.000	112.650	112.650	734.000	112.647	112.647
735.000	112.644	112.644	736.000	112.641	112.641	737.000	112.638	112.638	738.000	112.635	112.635
739.000	112.632	112.632	740.000	112.629	112.629	741.000	112.626	112.626	742.000	112.623	112.623
743.000	112.620	112.620	744.000	112.617	112.617	745.000	112.614	112.614	746.000	112.611	112.611
747.000	112.608	112.608	748.000	112.605	112.605	749.000	112.601	112.601	750.000	112.598	112.598
751.000	112.595	112.595	752.000	112.592	112.592	753.000	112.589	112.589	754.000	112.586	112.586
755.000	112.583	112.583	756.000	112.579	112.579	757.000	112.576	112.576	758.000	112.573	112.573
759.000	112.570	112.570	760.000	112.567	112.567	761.000	112.564	112.564	762.000	112.560	112.560
763.000	112.557	112.557	764.000	112.554	112.554	765.000	112.551	112.551	766.000	112.548	112.548
767.000	112.546	112.546	768.000	112.543	112.543	769.000	112.541	112.541	770.000	112.538	112.538
771.000	112.535	112.535	772.000	112.533	112.533	773.000	112.530	112.530	774.000	112.528	112.528
775.000	112.525	112.525	776.000	112.522	112.522	777.000	112.520	112.520	778.000	112.517	112.517
779.000	112.514	112.514	780.000	112.512	112.512	781.000	112.509	112.509	782.000	112.506	112.506
783.000	112.504	112.504	784.000	112.501	112.501	785.000	112.498	112.498	786.000	112.496	112.496
787.000	112.493	112.493	788.000	112.490	112.490	789.000	112.487	112.487	790.000	112.484	112.484
791.000	112.481	112.481	792.000	112.478	112.478	793.000	112.475	112.475	794.000	112.472	112.472
795.000	112.469	112.469	796.000	112.466	112.466	797.000	112.463	112.463	798.000	112.460	112.460
799.000	112.457	112.457	800.000	112.454	112.454	801.000	112.450	112.450	802.000	112.447	112.447
803.000	112.444	112.444	804.000	112.441	112.441	805.000	112.438	112.438	806.000	112.435	112.435
807.000	112.431	112.431	808.000	112.428	112.428	809.000	112.425	112.425	810.000	112.422	112.422
811.000	112.418	112.418	812.000	112.415	112.415	813.000	112.412	112.412	814.000	112.409	112.409
815.000	112.405	112.405	816.000	112.402	112.402	817.000	112.399	112.399	818.000	112.395	112.395
819.000	112.392	112.392	820.000	112.389	112.389	821.000	112.385	112.385	822.000	112.382	112.382
823.000	112.379	112.379	824.000	112.375	112.375	825.000	112.372	112.372	826.000	112.368	112.368
827.000	112.365	112.365	828.000	112.361	112.361	829.000	112.358	112.358	830.000	112.354	112.354
831.000	112.351	112.351	832.000	112.347	112.347	833.000	112.344	112.344	834.000	112.340	112.340
835.000	112.337	112.337	836.000	112.333	112.333	837.000	112.330	112.330	838.000	112.326	112.326
839.000	112.323	112.323	840.000	112.320	112.320	841.000	112.316	112.316	842.000	112.313	112.313
843.000	112.310	112.310	844.000	112.306	112.306	845.000	112.303	112.303	846.000	112.300	112.300
847.000	112.296	112.296	848.000	112.293	112.293	849.000	112.289	112.289	850.000	112.286	112.286
851.000	112.282	112.282	852.000	112.279	112.279	853.000	112.276	112.276	854.000	112.272	112.272
855.000	112.268	112.268	856.000	112.265	112.265	857.000	112.261	112.261	858.000	112.258	112.258
859.000	112.254	112.254	860.000	112.251	112.251	861.000	112.247	112.247	862.000	112.243	112.243
863.000	112.240	112.240	864.000	112.236	112.236	865.000	112.232	112.232	866.000	112.229	112.229
867.000	112.225	112.225	868.000	112.221	112.221	869.000	112.218	112.218	870.000	112.214	112.214
871.000	112.210	112.210	872.000	112.206	112.206	873.000	112.202	112.202	874.000	112.199	112.199

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BATT 1B BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
875.000	112.195	112.195	876.000	112.191	112.191	877.000	112.187	112.187	878.000	112.183	112.183
879.000	112.179	112.179	880.000	112.175	112.175	881.000	112.171	112.171	882.000	112.167	112.167
883.000	112.163	112.163	884.000	112.159	112.159	885.000	112.155	112.155	886.000	112.151	112.151
887.000	112.147	112.147	888.000	112.143	112.143	889.000	112.139	112.139	890.000	112.135	112.135
891.000	112.131	112.131	892.000	112.127	112.127	893.000	112.123	112.123	894.000	112.119	112.119
895.000	112.114	112.114	896.000	112.110	112.110	897.000	112.106	112.106	898.000	112.102	112.102
899.000	112.097	112.097	900.000	112.093	112.093	901.000	112.089	112.089	902.000	112.084	112.084
903.000	112.080	112.080	904.000	112.076	112.076	905.000	112.071	112.071	906.000	112.067	112.067
907.000	112.062	112.062	908.000	112.058	112.058	909.000	112.053	112.053	910.000	112.049	112.049
911.000	112.044	112.044	912.000	112.040	112.040	913.000	112.035	112.035	914.000	112.031	112.031
915.000	112.026	112.026	916.000	112.021	112.021	917.000	112.017	112.017	918.000	112.012	112.012
919.000	112.007	112.007	920.000	112.003	112.003	921.000	111.998	111.998	922.000	111.993	111.993
923.000	111.988	111.988	924.000	111.983	111.983	925.000	111.978	111.978	926.000	111.974	111.974
927.000	111.969	111.969	928.000	111.963	111.963	929.000	111.957	111.957	930.000	111.950	111.950
931.000	111.944	111.944	932.000	111.937	111.937	933.000	111.931	111.931	934.000	111.924	111.924
935.000	111.918	111.918	936.000	111.911	111.911	937.000	111.904	111.904	938.000	111.898	111.898
939.000	111.891	111.891	940.000	111.884	111.884	941.000	111.877	111.877	942.000	111.870	111.870
943.000	111.863	111.863	944.000	111.856	111.856	945.000	111.849	111.849	946.000	111.842	111.842
947.000	111.834	111.834	948.000	111.827	111.827	949.000	111.820	111.820	950.000	111.812	111.812
951.000	111.805	111.805	952.000	111.797	111.797	953.000	111.790	111.790	954.000	111.782	111.782
955.000	111.774	111.774	956.000	111.766	111.766	957.000	111.759	111.759	958.000	111.751	111.751
959.000	111.743	111.743	960.000	111.735	111.735	961.000	111.726	111.726	962.000	111.718	111.718
963.000	111.710	111.710	964.000	111.702	111.702	965.000	111.693	111.693	966.000	111.685	111.685
967.000	111.676	111.676	968.000	111.668	111.668	969.000	111.659	111.659	970.000	111.650	111.650
971.000	111.641	111.641	972.000	111.632	111.632	973.000	111.623	111.623	974.000	111.614	111.614
975.000	111.605	111.605	976.000	111.596	111.596	977.000	111.586	111.586	978.000	111.577	111.577
979.000	111.567	111.567	980.000	111.558	111.558	981.000	111.548	111.548	982.000	111.538	111.538
983.000	111.528	111.528	984.000	111.518	111.518	985.000	111.508	111.508	986.000	111.498	111.498
987.000	111.488	111.488	988.000	111.478	111.478	989.000	111.467	111.467	990.000	111.457	111.457
991.000	111.447	111.447	992.000	111.441	111.441	993.000	111.435	111.435	994.000	111.429	111.429
995.000	111.423	111.423	996.000	111.417	111.417	997.000	111.411	111.411	998.000	111.404	111.404
999.000	111.398	111.398	1000.000	111.392	111.392	1001.000	111.386	111.386	1002.000	111.379	111.379
1003.000	111.373	111.373	1004.000	111.367	111.367	1005.000	111.360	111.360	1006.000	111.354	111.354
1007.000	111.348	111.348	1008.000	111.341	111.341	1009.000	111.335	111.335	1010.000	111.328	111.328
1011.000	111.322	111.322	1012.000	111.315	111.315	1013.000	111.309	111.309	1014.000	111.302	111.302
1015.000	111.296	111.296	1016.000	111.289	111.289	1017.000	111.282	111.282	1018.000	111.276	111.276
1019.000	111.269	111.269	1020.000	111.262	111.262	1021.000	111.255	111.255	1022.000	111.248	111.248

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DIV 2 Battery 1B 48-Hour Coping Study

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BATT 1B BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1023.000	111.242	111.242	1024.000	111.235	111.235	1025.000	111.228	111.228	1026.000	111.221	111.221
1027.000	111.214	111.214	1028.000	111.207	111.207	1029.000	111.200	111.200	1030.000	111.193	111.193
1031.000	111.186	111.186	1032.000	111.179	111.179	1033.000	111.171	111.171	1034.000	111.164	111.164
1035.000	111.157	111.157	1036.000	111.150	111.150	1037.000	111.143	111.143	1038.000	111.135	111.135
1039.000	111.128	111.128	1040.000	111.121	111.121	1041.000	111.113	111.113	1042.000	111.106	111.106
1043.000	111.098	111.098	1044.000	111.091	111.091	1045.000	111.083	111.083	1046.000	111.076	111.076
1047.000	111.068	111.068	1048.000	111.060	111.060	1049.000	111.053	111.053	1050.000	111.045	111.045
1051.000	111.037	111.037	1052.000	111.030	111.030	1053.000	111.022	111.022	1054.000	111.014	111.014
1055.000	111.006	111.006	1056.000	110.998	110.998	1057.000	110.990	110.990	1058.000	110.982	110.982
1059.000	110.974	110.974	1060.000	110.966	110.966	1061.000	110.958	110.958	1062.000	110.950	110.950
1063.000	110.942	110.942	1064.000	110.931	110.931	1065.000	110.920	110.920	1066.000	110.909	110.909
1067.000	110.898	110.898	1068.000	110.887	110.887	1069.000	110.876	110.876	1070.000	110.864	110.864
1071.000	110.853	110.853	1072.000	110.842	110.842	1073.000	110.830	110.830	1074.000	110.818	110.818
1075.000	110.807	110.807	1076.000	110.795	110.795	1077.000	110.783	110.783	1078.000	110.771	110.771
1079.000	110.759	110.759	1080.000	110.747	110.747	1081.000	110.735	110.735	1082.000	110.722	110.722
1083.000	110.710	110.710	1084.000	110.697	110.697	1085.000	110.685	110.685	1086.000	110.672	110.672
1087.000	110.659	110.659	1088.000	110.646	110.646	1089.000	110.633	110.633	1090.000	110.620	110.620
1091.000	110.607	110.607	1092.000	110.593	110.593	1093.000	110.580	110.580	1094.000	110.566	110.566
1095.000	110.553	110.553	1096.000	110.539	110.539	1097.000	110.525	110.525	1098.000	110.511	110.511
1099.000	110.497	110.497	1100.000	110.483	110.483	1101.000	110.469	110.469	1102.000	110.454	110.454
1103.000	110.440	110.440	1104.000	110.427	110.427	1105.000	110.421	110.421	1106.000	110.415	110.415
1107.000	110.408	110.408	1108.000	110.402	110.402	1109.000	110.396	110.396	1110.000	110.390	110.390
1111.000	110.384	110.384	1112.000	110.378	110.378	1113.000	110.372	110.372	1114.000	110.366	110.366
1115.000	110.359	110.359	1116.000	110.353	110.353	1117.000	110.347	110.347	1118.000	110.341	110.341
1119.000	110.335	110.335	1120.000	110.328	110.328	1121.000	110.322	110.322	1122.000	110.316	110.316
1123.000	110.310	110.310	1124.000	110.303	110.303	1125.000	110.297	110.297	1126.000	110.291	110.291
1127.000	110.284	110.284	1128.000	110.278	110.278	1129.000	110.272	110.272	1130.000	110.265	110.265
1131.000	110.259	110.259	1132.000	110.253	110.253	1133.000	110.246	110.246	1134.000	110.240	110.240
1135.000	110.233	110.233	1136.000	110.227	110.227	1137.000	110.221	110.221	1138.000	110.214	110.214
1139.000	110.208	110.208	1140.000	110.200	110.200	1141.000	110.198	110.198	1142.000	110.195	110.195
1143.000	110.192	110.192	1144.000	110.189	110.189	1145.000	110.186	110.186	1146.000	110.183	110.183
1147.000	110.180	110.180	1148.000	110.177	110.177	1149.000	110.174	110.174	1150.000	110.171	110.171
1151.000	110.168	110.168	1152.000	110.165	110.165	1153.000	110.162	110.162	1154.000	110.159	110.159
1155.000	110.156	110.156	1156.000	110.153	110.153	1157.000	110.150	110.150	1158.000	110.147	110.147
1159.000	110.144	110.144	1160.000	110.140	110.140	1161.000	110.137	110.137	1162.000	110.134	110.134
1163.000	110.131	110.131	1164.000	110.127	110.127	1165.000	110.124	110.124	1166.000	110.121	110.121
1167.000	110.118	110.118	1168.000	110.114	110.114	1169.000	110.111	110.111	1170.000	110.108	110.108

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DIV 2 Battery IB 48-Hour Coping Study

BATT 1B BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1171.000	110.104	110.104	1172.000	110.101	110.101	1173.000	110.097	110.097	1174.000	110.094	110.094
1175.000	110.090	110.090	1176.000	110.087	110.087	1177.000	110.083	110.083	1178.000	110.080	110.080
1179.000	110.076	110.076	1180.000	110.073	110.073	1181.000	110.069	110.069	1182.000	110.066	110.066
1183.000	110.062	110.062	1184.000	110.058	110.058	1185.000	110.055	110.055	1186.000	110.051	110.051
1187.000	110.047	110.047	1188.000	110.043	110.043	1189.000	110.040	110.040	1190.000	110.036	110.036
1191.000	110.032	110.032	1192.000	110.028	110.028	1193.000	110.024	110.024	1194.000	110.020	110.020
1195.000	110.016	110.016	1196.000	110.012	110.012	1197.000	110.008	110.008	1198.000	110.004	110.004
1199.000	110.000	110.000	1200.000	109.996	109.996	1201.000	109.992	109.992	1202.000	109.988	109.988
1203.000	109.984	109.984	1204.000	109.980	109.980	1205.000	109.976	109.976	1206.000	109.971	109.971
1207.000	109.967	109.967	1208.000	109.963	109.963	1209.000	109.959	109.959	1210.000	109.954	109.954
1211.000	109.950	109.950	1212.000	109.945	109.945	1213.000	109.941	109.941	1214.000	109.937	109.937
1215.000	109.932	109.932	1216.000	109.928	109.928	1217.000	109.922	109.922	1218.000	109.917	109.917
1219.000	109.911	109.911	1220.000	109.906	109.906	1221.000	109.899	109.899	1222.000	109.893	109.893
1223.000	109.886	109.886	1224.000	109.880	109.880	1225.000	109.873	109.873	1226.000	109.866	109.866
1227.000	109.859	109.859	1228.000	109.852	109.852	1229.000	109.845	109.845	1230.000	109.838	109.838
1231.000	109.830	109.830	1232.000	109.823	109.823	1233.000	109.815	109.815	1234.000	109.807	109.807
1235.000	109.800	109.800	1236.000	109.792	109.792	1237.000	109.784	109.784	1238.000	109.775	109.775
1239.000	109.767	109.767	1240.000	109.759	109.759	1241.000	109.750	109.750	1242.000	109.741	109.741
1243.000	109.732	109.732	1244.000	109.723	109.723	1245.000	109.714	109.714	1246.000	109.705	109.705
1247.000	109.695	109.695	1248.000	109.686	109.686	1249.000	109.676	109.676	1250.000	109.666	109.666
1251.000	109.656	109.656	1252.000	109.646	109.646	1253.000	109.635	109.635	1254.000	109.625	109.625
1255.000	109.614	109.614	1256.000	109.603	109.603	1257.000	109.591	109.591	1258.000	109.580	109.580
1259.000	109.568	109.568	1260.000	109.556	109.556	1261.000	109.544	109.544	1262.000	109.532	109.532
1263.000	109.524	109.524	1264.000	109.515	109.515	1265.000	109.507	109.507	1266.000	109.499	109.499
1267.000	109.490	109.490	1268.000	109.482	109.482	1269.000	109.473	109.473	1270.000	109.465	109.465
1271.000	109.456	109.456	1272.000	109.447	109.447	1273.000	109.439	109.439	1274.000	109.430	109.430
1275.000	109.421	109.421	1276.000	109.412	109.412	1277.000	109.403	109.403	1278.000	109.394	109.394
1279.000	109.385	109.385	1280.000	109.376	109.376	1281.000	109.367	109.367	1282.000	109.357	109.357
1283.000	109.348	109.348	1284.000	109.339	109.339	1285.000	109.329	109.329	1286.000	109.320	109.320
1287.000	109.310	109.310	1288.000	109.300	109.300	1289.000	109.291	109.291	1290.000	109.280	109.280
1291.000	109.270	109.270	1292.000	109.260	109.260	1293.000	109.249	109.249	1294.000	109.239	109.239
1295.000	109.228	109.228	1296.000	109.218	109.218	1297.000	109.207	109.207	1298.000	109.196	109.196
1299.000	109.185	109.185	1300.000	109.174	109.174	1301.000	109.163	109.163	1302.000	109.152	109.152
1303.000	109.141	109.141	1304.000	109.130	109.130	1305.000	109.119	109.119	1306.000	109.107	109.107
1307.000	109.096	109.096	1308.000	109.084	109.084	1309.000	109.073	109.073	1310.000	109.061	109.061
1311.000	109.049	109.049	1312.000	109.037	109.037	1313.000	109.025	109.025	1314.000	109.013	109.013
1315.000	109.001	109.001	1316.000	108.989	108.989	1317.000	108.977	108.977	1318.000	108.964	108.964

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 2 Battery 1B 48-Hour Coping Study

## BATT 1B BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1319.000	108.952	108.952	1320.000	108.940	108.940	1321.000	108.928	108.928	1322.000	108.919	108.919
1323.000	108.909	108.909	1324.000	108.900	108.900	1325.000	108.891	108.891	1326.000	108.882	108.882
1327.000	108.873	108.873	1328.000	108.864	108.864	1329.000	108.854	108.854	1330.000	108.845	108.845
1331.000	108.836	108.836	1332.000	108.827	108.827	1333.000	108.818	108.818	1334.000	108.808	108.808
1335.000	108.799	108.799	1336.000	108.790	108.790	1337.000	108.780	108.780	1338.000	108.771	108.771
1339.000	108.762	108.762	1340.000	108.752	108.752	1341.000	108.743	108.743	1342.000	108.734	108.734
1343.000	108.724	108.724	1344.000	108.715	108.715	1345.000	108.706	108.706	1346.000	108.696	108.696
1347.000	108.687	108.687	1348.000	108.677	108.677	1349.000	108.668	108.668	1350.000	108.658	108.658
1351.000	108.649	108.649	1352.000	108.639	108.639	1353.000	108.630	108.630	1354.000	108.620	108.620
1355.000	108.611	108.611	1356.000	108.601	108.601	1357.000	108.591	108.591	1358.000	108.582	108.582
1359.000	108.572	108.572	1360.000	108.563	108.563	1361.000	108.553	108.553	1362.000	108.543	108.543
1363.000	108.534	108.534	1364.000	108.524	108.524	1365.000	108.514	108.514	1366.000	108.505	108.505
1367.000	108.495	108.495	1368.000	108.485	108.485	1369.000	108.475	108.475	1370.000	108.466	108.466
1371.000	108.456	108.456	1372.000	108.446	108.446	1373.000	108.436	108.436	1374.000	108.426	108.426
1375.000	108.416	108.416	1376.000	108.407	108.407	1377.000	108.397	108.397	1378.000	108.387	108.387
1379.000	108.377	108.377	1380.000	108.367	108.367	1381.000	108.357	108.357	1382.000	108.347	108.347
1383.000	108.337	108.337	1384.000	108.327	108.327	1385.000	108.317	108.317	1386.000	108.307	108.307
1387.000	108.297	108.297	1388.000	108.287	108.287	1389.000	108.276	108.276	1390.000	108.265	108.265
1391.000	108.253	108.253	1392.000	108.241	108.241	1393.000	108.229	108.229	1394.000	108.218	108.218
1395.000	108.206	108.206	1396.000	108.194	108.194	1397.000	108.182	108.182	1398.000	108.170	108.170
1399.000	108.158	108.158	1400.000	108.146	108.146	1401.000	108.133	108.133	1402.000	108.121	108.121
1403.000	108.109	108.109	1404.000	108.097	108.097	1405.000	108.085	108.085	1406.000	108.072	108.072
1407.000	108.060	108.060	1408.000	108.047	108.047	1409.000	108.035	108.035	1410.000	108.022	108.022
1411.000	108.010	108.010	1412.000	107.997	107.997	1413.000	107.985	107.985	1414.000	107.972	107.972
1415.000	107.959	107.959	1416.000	107.947	107.947	1417.000	107.934	107.934	1418.000	107.921	107.921
1419.000	107.908	107.908	1420.000	107.895	107.895	1421.000	107.882	107.882	1422.000	107.869	107.869
1423.000	107.856	107.856	1424.000	107.843	107.843	1425.000	107.830	107.830	1426.000	107.817	107.817
1427.000	107.803	107.803	1428.000	107.790	107.790	1429.000	107.777	107.777	1430.000	107.764	107.764
1431.000	107.750	107.750	1432.000	107.737	107.737	1433.000	107.723	107.723	1434.000	107.710	107.710
1435.000	107.696	107.696	1436.000	107.682	107.682	1437.000	107.669	107.669	1438.000	107.655	107.655
1439.000	107.641	107.641	1440.000	107.627	107.627	1441.000	107.613	107.613	1442.000	107.599	107.599
1443.000	107.585	107.585	1444.000	107.571	107.571	1445.000	107.557	107.557	1446.000	107.543	107.543
1447.000	107.529	107.529	1448.000	107.515	107.515	1449.000	107.500	107.500	1450.000	107.486	107.486
1451.000	107.472	107.472	1452.000	107.457	107.457	1453.000	107.443	107.443	1454.000	107.428	107.428
1455.000	107.414	107.414	1456.000	107.399	107.399	1457.000	107.384	107.384	1458.000	107.369	107.369
1459.000	107.355	107.355	1460.000	107.340	107.340	1461.000	107.325	107.325	1462.000	107.310	107.310
1463.000	107.295	107.295	1464.000	107.278	107.278	1465.000	107.262	107.262	1466.000	107.246	107.246

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 2 Battery 1B 48-Hour Coping Study

## BATT 1B BUS

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1467.000	107.235	107.235	1468.000	107.226	107.226	1469.000	107.217	107.217	1470.000	107.208	107.208
1471.000	107.199	107.199	1472.000	107.190	107.190	1473.000	107.181	107.181	1474.000	107.171	107.171
1475.000	107.162	107.162	1476.000	107.153	107.153	1477.000	107.144	107.144	1478.000	107.134	107.134
1479.000	107.125	107.125	1480.000	107.115	107.115	1481.000	107.105	107.105	1482.000	107.096	107.096
1483.000	107.086	107.086	1484.000	107.076	107.076	1485.000	107.066	107.066	1486.000	107.056	107.056
1487.000	107.047	107.047	1488.000	107.036	107.036	1489.000	107.026	107.026	1490.000	107.016	107.016
1491.000	107.006	107.006	1492.000	106.996	106.996	1493.000	106.985	106.985	1494.000	106.975	106.975
1495.000	106.964	106.964	1496.000	106.954	106.954	1497.000	106.943	106.943	1498.000	106.932	106.932
1499.000	106.922	106.922	1500.000	106.911	106.911	1501.000	106.900	106.900	1502.000	106.889	106.889
1503.000	106.878	106.878	1503.333	106.874	119.654						

## DC MCC 1B

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
0.000	119.654	109.122	0.017	109.121	111.267	1.000	111.259	111.551	2.000	111.544	111.544
3.000	111.537	111.537	4.000	111.529	111.529	5.000	111.522	111.522	6.000	111.515	111.515
7.000	111.508	111.508	8.000	111.501	111.501	9.000	111.494	111.494	10.000	111.487	111.487
11.000	111.480	111.480	12.000	111.473	111.473	13.000	111.466	111.466	14.000	111.459	111.459
15.000	111.452	111.452	16.000	111.443	111.443	17.000	111.434	111.434	18.000	111.426	111.426
19.000	111.417	111.417	20.000	111.408	111.408	21.000	111.398	111.398	22.000	111.389	111.389
23.000	111.380	111.380	24.000	111.370	111.370	25.000	111.360	111.360	26.000	111.350	111.350
27.000	111.341	111.341	28.000	111.330	111.330	29.000	111.320	111.320	30.000	111.310	111.310
31.000	111.299	111.299	32.000	111.289	111.289	33.000	111.278	111.278	34.000	111.267	111.267
35.000	111.256	111.256	36.000	111.245	111.245	37.000	111.233	111.233	38.000	111.222	111.222
39.000	111.210	111.210	40.000	111.198	111.198	41.000	111.186	111.186	42.000	111.174	111.174
43.000	111.161	111.161	44.000	111.149	111.149	45.000	111.131	111.131	46.000	111.106	111.106
47.000	111.081	111.081	48.000	111.056	111.056	49.000	111.031	111.031	50.000	111.005	111.005
51.000	110.979	110.979	52.000	110.953	110.953	53.000	110.927	110.927	54.000	110.900	110.900
55.000	110.874	110.874	56.000	110.848	110.848	57.000	110.822	110.822	58.000	110.796	110.796
59.000	110.770	110.770	60.000	110.744	114.335	61.000	114.330	114.330	62.000	114.326	114.326
63.000	114.321	114.321	64.000	114.316	114.316	65.000	114.311	114.311	66.000	114.306	114.306
67.000	114.301	114.301	68.000	114.296	114.296	69.000	114.291	114.291	70.000	114.283	114.283
71.000	114.274	114.274	72.000	114.264	114.264	73.000	114.254	114.254	74.000	114.244	114.244
75.000	114.234	114.234	76.000	114.224	114.224	77.000	114.214	114.214	78.000	114.204	114.204
79.000	114.195	114.195	80.000	114.185	114.185	81.000	114.175	114.175	82.000	114.166	114.166
83.000	114.156	114.156	84.000	114.146	114.146	85.000	114.137	114.137	86.000	114.127	114.127
87.000	114.117	114.117	88.000	114.108	114.108	89.000	114.098	114.098	90.000	114.089	114.089

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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DIV 2 Battery 1B 48-Hour Coping Study

DC MCC 1B											
Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
91.000	114.079	114.079	92.000	114.070	114.070	93.000	114.060	114.060	94.000	114.051	114.051
95.000	114.041	114.041	96.000	114.032	114.032	97.000	114.023	114.023	98.000	114.013	114.013
99.000	114.004	114.004	100.000	113.995	113.995	101.000	113.986	113.986	102.000	113.976	113.976
103.000	113.967	113.967	104.000	113.958	113.958	105.000	113.949	113.949	106.000	113.940	113.940
107.000	113.930	113.930	108.000	113.921	113.921	109.000	113.912	113.912	110.000	113.903	113.903
111.000	113.894	113.894	112.000	113.885	113.885	113.000	113.876	113.876	114.000	113.870	113.870
115.000	113.868	113.868	116.000	113.866	113.866	117.000	113.865	113.865	118.000	113.863	113.863
119.000	113.861	113.861	120.000	113.860	113.860	121.000	113.858	113.858	122.000	113.857	113.857
123.000	113.855	113.855	124.000	113.853	113.853	125.000	113.852	113.852	126.000	113.850	113.850
127.000	113.848	113.848	128.000	113.847	113.847	129.000	113.845	113.845	130.000	113.843	113.843
131.000	113.842	113.842	132.000	113.840	113.840	133.000	113.838	113.838	134.000	113.837	113.837
135.000	113.835	113.835	136.000	113.833	113.833	137.000	113.832	113.832	138.000	113.830	113.830
139.000	113.828	113.828	140.000	113.827	113.827	141.000	113.825	113.825	142.000	113.823	113.823
143.000	113.822	113.822	144.000	113.820	113.820	145.000	113.818	113.818	146.000	113.817	113.817
147.000	113.815	113.815	148.000	113.813	113.813	149.000	113.811	113.811	150.000	113.810	113.810
151.000	113.808	113.808	152.000	113.806	113.806	153.000	113.805	113.805	154.000	113.803	113.803
155.000	113.801	113.801	156.000	113.799	113.799	157.000	113.798	113.798	158.000	113.796	113.796
159.000	113.794	113.794	160.000	113.793	113.793	161.000	113.791	113.791	162.000	113.789	113.789
163.000	113.787	113.787	164.000	113.786	113.786	165.000	113.784	113.784	166.000	113.782	113.782
167.000	113.780	113.780	168.000	113.779	113.779	169.000	113.777	113.777	170.000	113.775	113.775
171.000	113.773	113.773	172.000	113.771	113.771	173.000	113.770	113.770	174.000	113.768	113.768
175.000	113.766	113.766	176.000	113.764	113.764	177.000	113.763	113.763	178.000	113.761	113.761
179.000	113.759	113.759	180.000	113.757	113.757	181.000	113.755	113.755	182.000	113.754	113.754
183.000	113.754	113.754	184.000	113.753	113.753	185.000	113.753	113.753	186.000	113.753	113.753
187.000	113.752	113.752	188.000	113.752	113.752	189.000	113.751	113.751	190.000	113.751	113.751
191.000	113.750	113.750	192.000	113.750	113.750	193.000	113.750	113.750	194.000	113.749	113.749
195.000	113.749	113.749	196.000	113.748	113.748	197.000	113.748	113.748	198.000	113.747	113.747
199.000	113.747	113.747	200.000	113.747	113.747	201.000	113.746	113.746	202.000	113.746	113.746
203.000	113.745	113.745	204.000	113.745	113.745	205.000	113.744	113.744	206.000	113.744	113.744
207.000	113.743	113.743	208.000	113.743	113.743	209.000	113.742	113.742	210.000	113.742	113.742
211.000	113.742	113.742	212.000	113.741	113.741	213.000	113.741	113.741	214.000	113.740	113.740
215.000	113.740	113.740	216.000	113.739	113.739	217.000	113.739	113.739	218.000	113.738	113.738
219.000	113.738	113.738	220.000	113.737	113.737	221.000	113.737	113.737	222.000	113.736	113.736
223.000	113.736	113.736	224.000	113.735	113.735	225.000	113.735	113.735	226.000	113.735	113.735
227.000	113.734	113.734	228.000	113.734	113.734	229.000	113.733	113.733	230.000	113.733	113.733
231.000	113.732	113.732	232.000	113.732	113.732	233.000	113.731	113.731	234.000	113.731	113.731
235.000	113.730	113.730	236.000	113.730	113.730	237.000	113.729	113.729	238.000	113.729	113.729

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 2 Battery 1B 48-Hour Coping Study

DC MCC 1B

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
239.000	113.728	113.728	240.000	113.728	113.728	241.000	113.727	113.727	242.000	113.727	113.727
243.000	113.726	113.726	244.000	113.725	113.725	245.000	113.725	113.725	246.000	113.724	113.724
247.000	113.723	113.723	248.000	113.722	113.722	249.000	113.721	113.721	250.000	113.721	113.721
251.000	113.720	113.720	252.000	113.719	113.719	253.000	113.718	113.718	254.000	113.717	113.717
255.000	113.717	113.717	256.000	113.716	113.716	257.000	113.715	113.715	258.000	113.714	113.714
259.000	113.713	113.713	260.000	113.713	113.713	261.000	113.712	113.712	262.000	113.711	113.711
263.000	113.710	113.710	264.000	113.709	113.709	265.000	113.709	113.709	266.000	113.708	113.708
267.000	113.707	113.707	268.000	113.706	113.706	269.000	113.705	113.705	270.000	113.705	113.705
271.000	113.704	113.704	272.000	113.703	113.703	273.000	113.702	113.702	274.000	113.701	113.701
275.000	113.700	113.700	276.000	113.700	113.700	277.000	113.699	113.699	278.000	113.698	113.698
279.000	113.697	113.697	280.000	113.696	113.696	281.000	113.695	113.695	282.000	113.695	113.695
283.000	113.694	113.694	284.000	113.693	113.693	285.000	113.692	113.692	286.000	113.691	113.691
287.000	113.690	113.690	288.000	113.690	113.690	289.000	113.689	113.689	290.000	113.688	113.688
291.000	113.687	113.687	292.000	113.686	113.686	293.000	113.685	113.685	294.000	113.684	113.684
295.000	113.684	113.684	296.000	113.683	113.683	297.000	113.682	113.682	298.000	113.681	113.681
299.000	113.680	113.680	300.000	113.679	113.679	301.000	113.678	113.678	302.000	113.678	113.678
303.000	113.677	113.677	304.000	113.676	113.676	305.000	113.675	113.675	306.000	113.674	113.674
307.000	113.673	113.673	308.000	113.672	113.672	309.000	113.671	113.671	310.000	113.670	113.670
311.000	113.670	113.670	312.000	113.669	113.669	313.000	113.668	113.668	314.000	113.667	113.667
315.000	113.666	113.666	316.000	113.665	113.665	317.000	113.664	113.664	318.000	113.663	113.663
319.000	113.662	113.662	320.000	113.662	113.662	321.000	113.661	113.661	322.000	113.660	113.660
323.000	113.659	113.659	324.000	113.658	113.658	325.000	113.657	113.657	326.000	113.656	113.656
327.000	113.655	113.655	328.000	113.654	113.654	329.000	113.653	113.653	330.000	113.652	113.652
331.000	113.652	113.652	332.000	113.651	113.651	333.000	113.650	113.650	334.000	113.649	113.649
335.000	113.648	113.648	336.000	113.647	113.647	337.000	113.646	113.646	338.000	113.645	113.645
339.000	113.644	113.644	340.000	113.643	113.643	341.000	113.642	113.642	342.000	113.641	113.641
343.000	113.640	113.640	344.000	113.639	113.639	345.000	113.638	113.638	346.000	113.637	113.637
347.000	113.636	113.636	348.000	113.636	113.636	349.000	113.635	113.635	350.000	113.634	113.634
351.000	113.633	113.633	352.000	113.632	113.632	353.000	113.631	113.631	354.000	113.630	113.630
355.000	113.629	113.629	356.000	113.628	113.628	357.000	113.627	113.627	358.000	113.626	113.626
359.000	113.625	113.625	360.000	113.624	113.624	361.000	113.623	113.623	362.000	113.622	113.622
363.000	113.621	113.621	364.000	113.620	113.620	365.000	113.619	113.619	366.000	113.618	113.618
367.000	113.617	113.617	368.000	113.616	113.616	369.000	113.615	113.615	370.000	113.614	113.614
371.000	113.613	113.613	372.000	113.612	113.612	373.000	113.611	113.611	374.000	113.610	113.610
375.000	113.609	113.609	376.000	113.608	113.608	377.000	113.604	113.604	378.000	113.600	113.600
379.000	113.596	113.596	380.000	113.593	113.593	381.000	113.589	113.589	382.000	113.585	113.585
383.000	113.581	113.581	384.000	113.577	113.577	385.000	113.574	113.574	386.000	113.570	113.570

Project: Clinton Flex Study  
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DIV 2 Battery 1B 48-Hour Coping Study

DC MCC 1B

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
387.000	113.566	113.566	388.000	113.562	113.562	389.000	113.559	113.559	390.000	113.555	113.555
391.000	113.551	113.551	392.000	113.547	113.547	393.000	113.543	113.543	394.000	113.540	113.540
395.000	113.536	113.536	396.000	113.532	113.532	397.000	113.528	113.528	398.000	113.524	113.524
399.000	113.521	113.521	400.000	113.517	113.517	401.000	113.513	113.513	402.000	113.509	113.509
403.000	113.505	113.505	404.000	113.501	113.501	405.000	113.498	113.498	406.000	113.494	113.494
407.000	113.490	113.490	408.000	113.486	113.486	409.000	113.482	113.482	410.000	113.479	113.479
411.000	113.475	113.475	412.000	113.471	113.471	413.000	113.467	113.467	414.000	113.463	113.463
415.000	113.459	113.459	416.000	113.457	113.457	417.000	113.454	113.454	418.000	113.452	113.452
419.000	113.450	113.450	420.000	113.447	113.447	421.000	113.445	113.445	422.000	113.442	113.442
423.000	113.440	113.440	424.000	113.437	113.437	425.000	113.434	113.434	426.000	113.432	113.432
427.000	113.429	113.429	428.000	113.427	113.427	429.000	113.424	113.424	430.000	113.421	113.421
431.000	113.419	113.419	432.000	113.416	113.416	433.000	113.413	113.413	434.000	113.411	113.411
435.000	113.408	113.408	436.000	113.405	113.405	437.000	113.402	113.402	438.000	113.400	113.400
439.000	113.397	113.397	440.000	113.394	113.394	441.000	113.391	113.391	442.000	113.388	113.388
443.000	113.385	113.385	444.000	113.382	113.382	445.000	113.379	113.379	446.000	113.376	113.376
447.000	113.373	113.373	448.000	113.370	113.370	449.000	113.367	113.367	450.000	113.364	113.364
451.000	113.361	113.361	452.000	113.358	113.358	453.000	113.355	113.355	454.000	113.352	113.352
455.000	113.348	113.348	456.000	113.345	113.345	457.000	113.342	113.342	458.000	113.339	113.339
459.000	113.335	113.335	460.000	113.332	113.332	461.000	113.329	113.329	462.000	113.325	113.325
463.000	113.322	113.322	464.000	113.318	113.318	465.000	113.315	113.315	466.000	113.311	113.311
467.000	113.308	113.308	468.000	113.304	113.304	469.000	113.301	113.301	470.000	113.297	113.297
471.000	113.293	113.293	472.000	113.290	113.290	473.000	113.286	113.286	474.000	113.283	113.283
475.000	113.280	113.280	476.000	113.276	113.276	477.000	113.272	113.272	478.000	113.268	113.268
479.000	113.264	113.264	480.000	113.259	113.259	481.000	113.255	113.255	482.000	113.251	113.251
483.000	113.247	113.247	484.000	113.242	113.242	485.000	113.238	113.238	486.000	113.234	113.234
487.000	113.230	113.230	488.000	113.225	113.225	489.000	113.221	113.221	490.000	113.217	113.217
491.000	113.213	113.213	492.000	113.208	113.208	493.000	113.204	113.204	494.000	113.200	113.200
495.000	113.196	113.196	496.000	113.191	113.191	497.000	113.187	113.187	498.000	113.183	113.183
499.000	113.178	113.178	500.000	113.174	113.174	501.000	113.170	113.170	502.000	113.166	113.166
503.000	113.161	113.161	504.000	113.157	113.157	505.000	113.153	113.153	506.000	113.148	113.148
507.000	113.144	113.144	508.000	113.140	113.140	509.000	113.136	113.136	510.000	113.131	113.131
511.000	113.127	113.127	512.000	113.123	113.123	513.000	113.118	113.118	514.000	113.114	113.114
515.000	113.110	113.110	516.000	113.105	113.105	517.000	113.101	113.101	518.000	113.097	113.097
519.000	113.093	113.093	520.000	113.088	113.088	521.000	113.084	113.084	522.000	113.080	113.080
523.000	113.075	113.075	524.000	113.071	113.071	525.000	113.067	113.067	526.000	113.062	113.062
527.000	113.058	113.058	528.000	113.054	113.054	529.000	113.049	113.049	530.000	113.045	113.045
531.000	113.041	113.041	532.000	113.036	113.036	533.000	113.032	113.032	534.000	113.028	113.028

Project: Clinton Flex Study  
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Filename: CPS SBO Study

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## DIV 2 Battery 1B 48-Hour Coping Study

## DC MCC 1B

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
535.000	113.023	113.023	536.000	113.019	113.019	537.000	113.015	113.015	538.000	113.010	113.010
539.000	113.007	113.007	540.000	113.004	113.004	541.000	113.002	113.002	542.000	113.000	113.000
543.000	112.998	112.998	544.000	112.995	112.995	545.000	112.993	112.993	546.000	112.991	112.991
547.000	112.988	112.988	548.000	112.986	112.986	549.000	112.984	112.984	550.000	112.981	112.981
551.000	112.979	112.979	552.000	112.977	112.977	553.000	112.974	112.974	554.000	112.972	112.972
555.000	112.970	112.970	556.000	112.967	112.967	557.000	112.965	112.965	558.000	112.963	112.963
559.000	112.960	112.960	560.000	112.958	112.958	561.000	112.956	112.956	562.000	112.953	112.953
563.000	112.951	112.951	564.000	112.949	112.949	565.000	112.946	112.946	566.000	112.944	112.944
567.000	112.941	112.941	568.000	112.939	112.939	569.000	112.937	112.937	570.000	112.934	112.934
571.000	112.932	112.932	572.000	112.929	112.929	573.000	112.927	112.927	574.000	112.924	112.924
575.000	112.922	112.922	576.000	112.920	112.920	577.000	112.917	112.917	578.000	112.915	112.915
579.000	112.912	112.912	580.000	112.910	112.910	581.000	112.908	112.908	582.000	112.905	112.905
583.000	112.903	112.903	584.000	112.900	112.900	585.000	112.898	112.898	586.000	112.895	112.895
587.000	112.893	112.893	588.000	112.890	112.890	589.000	112.888	112.888	590.000	112.885	112.885
591.000	112.883	112.883	592.000	112.880	112.880	593.000	112.878	112.878	594.000	112.876	112.876
595.000	112.873	112.873	596.000	112.871	112.871	597.000	112.868	112.868	598.000	112.866	112.866
599.000	112.863	112.863	600.000	112.861	112.861	601.000	112.858	112.858	602.000	112.856	112.856
603.000	112.853	112.853	604.000	112.850	112.850	605.000	112.848	112.848	606.000	112.845	112.845
607.000	112.843	112.843	608.000	112.840	112.840	609.000	112.838	112.838	610.000	112.835	112.835
611.000	112.833	112.833	612.000	112.831	112.831	613.000	112.829	112.829	614.000	112.827	112.827
615.000	112.826	112.826	616.000	112.824	112.824	617.000	112.822	112.822	618.000	112.820	112.820
619.000	112.818	112.818	620.000	112.816	112.816	621.000	112.815	112.815	622.000	112.813	112.813
623.000	112.811	112.811	624.000	112.809	112.809	625.000	112.807	112.807	626.000	112.805	112.805
627.000	112.804	112.804	628.000	112.802	112.802	629.000	112.800	112.800	630.000	112.798	112.798
631.000	112.796	112.796	632.000	112.794	112.794	633.000	112.792	112.792	634.000	112.791	112.791
635.000	112.789	112.789	636.000	112.787	112.787	637.000	112.785	112.785	638.000	112.783	112.783
639.000	112.781	112.781	640.000	112.779	112.779	641.000	112.777	112.777	642.000	112.775	112.775
643.000	112.773	112.773	644.000	112.772	112.772	645.000	112.770	112.770	646.000	112.768	112.768
647.000	112.766	112.766	648.000	112.764	112.764	649.000	112.762	112.762	650.000	112.760	112.760
651.000	112.758	112.758	652.000	112.756	112.756	653.000	112.754	112.754	654.000	112.752	112.752
655.000	112.750	112.750	656.000	112.748	112.748	657.000	112.746	112.746	658.000	112.744	112.744
659.000	112.742	112.742	660.000	112.740	112.740	661.000	112.738	112.738	662.000	112.736	112.736
663.000	112.734	112.734	664.000	112.732	112.732	665.000	112.730	112.730	666.000	112.728	112.728
667.000	112.726	112.726	668.000	112.724	112.724	669.000	112.722	112.722	670.000	112.720	112.720
671.000	112.718	112.718	672.000	112.716	112.716	673.000	112.714	112.714	674.000	112.712	112.712
675.000	112.710	112.710	676.000	112.708	112.708	677.000	112.706	112.706	678.000	112.704	112.704
679.000	112.702	112.702	680.000	112.699	112.699	681.000	112.697	112.697	682.000	112.695	112.695

Project: Clinton Flex Study  
Location: KCI  
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Engineer: Badar Hussain  
Filename: CPS SBO Study

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Config.: Normal

## DIV 2 Battery 1B 48-Hour Coping Study

## DC MCC 1B

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
683.000	112.693	112.693	684.000	112.691	112.691	685.000	112.688	112.688	686.000	112.685	112.685
687.000	112.682	112.682	688.000	112.680	112.680	689.000	112.677	112.677	690.000	112.674	112.674
691.000	112.671	112.671	692.000	112.668	112.668	693.000	112.666	112.666	694.000	112.663	112.663
695.000	112.660	112.660	696.000	112.657	112.657	697.000	112.654	112.654	698.000	112.651	112.651
699.000	112.649	112.649	700.000	112.646	112.646	701.000	112.643	112.643	702.000	112.640	112.640
703.000	112.637	112.637	704.000	112.634	112.634	705.000	112.632	112.632	706.000	112.629	112.629
707.000	112.626	112.626	708.000	112.623	112.623	709.000	112.620	112.620	710.000	112.617	112.617
711.000	112.614	112.614	712.000	112.611	112.611	713.000	112.608	112.608	714.000	112.605	112.605
715.000	112.603	112.603	716.000	112.600	112.600	717.000	112.597	112.597	718.000	112.594	112.594
719.000	112.591	112.591	720.000	112.588	112.588	721.000	112.585	112.585	722.000	112.582	112.582
723.000	112.579	112.579	724.000	112.576	112.576	725.000	112.573	112.573	726.000	112.570	112.570
727.000	112.567	112.567	728.000	112.564	112.564	729.000	112.561	112.561	730.000	112.558	112.558
731.000	112.555	112.555	732.000	112.552	112.552	733.000	112.549	112.549	734.000	112.546	112.546
735.000	112.543	112.543	736.000	112.540	112.540	737.000	112.537	112.537	738.000	112.534	112.534
739.000	112.531	112.531	740.000	112.528	112.528	741.000	112.525	112.525	742.000	112.522	112.522
743.000	112.519	112.519	744.000	112.515	112.515	745.000	112.512	112.512	746.000	112.509	112.509
747.000	112.506	112.506	748.000	112.503	112.503	749.000	112.500	112.500	750.000	112.497	112.497
751.000	112.494	112.494	752.000	112.491	112.491	753.000	112.487	112.487	754.000	112.484	112.484
755.000	112.481	112.481	756.000	112.478	112.478	757.000	112.475	112.475	758.000	112.472	112.472
759.000	112.469	112.469	760.000	112.465	112.465	761.000	112.462	112.462	762.000	112.459	112.459
763.000	112.456	112.456	764.000	112.453	112.453	765.000	112.450	112.450	766.000	112.447	112.447
767.000	112.444	112.444	768.000	112.442	112.442	769.000	112.439	112.439	770.000	112.437	112.437
771.000	112.434	112.434	772.000	112.431	112.431	773.000	112.429	112.429	774.000	112.426	112.426
775.000	112.424	112.424	776.000	112.421	112.421	777.000	112.418	112.418	778.000	112.416	112.416
779.000	112.413	112.413	780.000	112.410	112.410	781.000	112.408	112.408	782.000	112.405	112.405
783.000	112.402	112.402	784.000	112.400	112.400	785.000	112.397	112.397	786.000	112.394	112.394
787.000	112.392	112.392	788.000	112.389	112.389	789.000	112.386	112.386	790.000	112.383	112.383
791.000	112.380	112.380	792.000	112.377	112.377	793.000	112.374	112.374	794.000	112.371	112.371
795.000	112.368	112.368	796.000	112.365	112.365	797.000	112.362	112.362	798.000	112.358	112.358
799.000	112.355	112.355	800.000	112.352	112.352	801.000	112.349	112.349	802.000	112.346	112.346
803.000	112.343	112.343	804.000	112.340	112.340	805.000	112.336	112.336	806.000	112.333	112.333
807.000	112.330	112.330	808.000	112.327	112.327	809.000	112.324	112.324	810.000	112.320	112.320
811.000	112.317	112.317	812.000	112.314	112.314	813.000	112.311	112.311	814.000	112.307	112.307
815.000	112.304	112.304	816.000	112.301	112.301	817.000	112.297	112.297	818.000	112.294	112.294
819.000	112.291	112.291	820.000	112.287	112.287	821.000	112.284	112.284	822.000	112.281	112.281
823.000	112.277	112.277	824.000	112.274	112.274	825.000	112.270	112.270	826.000	112.267	112.267
827.000	112.263	112.263	828.000	112.260	112.260	829.000	112.257	112.257	830.000	112.253	112.253

Project: Clinton Flex Study

Location: KCI

Contract:

Engineer: Badar Hussain

Filename: CPS SBO Study

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Revision: Base

Config.: Normal

## DIV 2 Battery 1B 48-Hour Coping Study

## DC MCC 1B

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
831.000	112.250	112.250	832.000	112.246	112.246	833.000	112.242	112.242	834.000	112.239	112.239
835.000	112.235	112.235	836.000	112.232	112.232	837.000	112.228	112.228	838.000	112.225	112.225
839.000	112.222	112.222	840.000	112.218	112.218	841.000	112.215	112.215	842.000	112.212	112.212
843.000	112.208	112.208	844.000	112.205	112.205	845.000	112.202	112.202	846.000	112.198	112.198
847.000	112.195	112.195	848.000	112.191	112.191	849.000	112.188	112.188	850.000	112.185	112.185
851.000	112.181	112.181	852.000	112.178	112.178	853.000	112.174	112.174	854.000	112.171	112.171
855.000	112.167	112.167	856.000	112.164	112.164	857.000	112.160	112.160	858.000	112.156	112.156
859.000	112.153	112.153	860.000	112.149	112.149	861.000	112.146	112.146	862.000	112.142	112.142
863.000	112.138	112.138	864.000	112.135	112.135	865.000	112.131	112.131	866.000	112.127	112.127
867.000	112.124	112.124	868.000	112.120	112.120	869.000	112.116	112.116	870.000	112.112	112.112
871.000	112.109	112.109	872.000	112.105	112.105	873.000	112.101	112.101	874.000	112.097	112.097
875.000	112.093	112.093	876.000	112.090	112.090	877.000	112.086	112.086	878.000	112.082	112.082
879.000	112.078	112.078	880.000	112.074	112.074	881.000	112.070	112.070	882.000	112.066	112.066
883.000	112.062	112.062	884.000	112.058	112.058	885.000	112.054	112.054	886.000	112.050	112.050
887.000	112.046	112.046	888.000	112.042	112.042	889.000	112.038	112.038	890.000	112.034	112.034
891.000	112.030	112.030	892.000	112.025	112.025	893.000	112.021	112.021	894.000	112.017	112.017
895.000	112.013	112.013	896.000	112.009	112.009	897.000	112.004	112.004	898.000	112.000	112.000
899.000	111.996	111.996	900.000	111.992	111.992	901.000	111.987	111.987	902.000	111.983	111.983
903.000	111.979	111.979	904.000	111.974	111.974	905.000	111.970	111.970	906.000	111.965	111.965
907.000	111.961	111.961	908.000	111.956	111.956	909.000	111.952	111.952	910.000	111.947	111.947
911.000	111.943	111.943	912.000	111.938	111.938	913.000	111.934	111.934	914.000	111.929	111.929
915.000	111.925	111.925	916.000	111.920	111.920	917.000	111.915	111.915	918.000	111.911	111.911
919.000	111.906	111.906	920.000	111.901	111.901	921.000	111.896	111.896	922.000	111.892	111.892
923.000	111.887	111.887	924.000	111.882	111.882	925.000	111.877	111.877	926.000	111.872	111.872
927.000	111.867	111.867	928.000	111.862	111.862	929.000	111.855	111.855	930.000	111.849	111.849
931.000	111.843	111.843	932.000	111.836	111.836	933.000	111.830	111.830	934.000	111.823	111.823
935.000	111.816	111.816	936.000	111.810	111.810	937.000	111.803	111.803	938.000	111.796	111.796
939.000	111.789	111.789	940.000	111.783	111.783	941.000	111.776	111.776	942.000	111.769	111.769
943.000	111.762	111.762	944.000	111.755	111.755	945.000	111.747	111.747	946.000	111.740	111.740
947.000	111.733	111.733	948.000	111.726	111.726	949.000	111.718	111.718	950.000	111.711	111.711
951.000	111.703	111.703	952.000	111.696	111.696	953.000	111.688	111.688	954.000	111.681	111.681
955.000	111.673	111.673	956.000	111.665	111.665	957.000	111.657	111.657	958.000	111.649	111.649
959.000	111.641	111.641	960.000	111.633	111.633	961.000	111.625	111.625	962.000	111.617	111.617
963.000	111.609	111.609	964.000	111.600	111.600	965.000	111.592	111.592	966.000	111.583	111.583
967.000	111.575	111.575	968.000	111.566	111.566	969.000	111.557	111.557	970.000	111.549	111.549
971.000	111.540	111.540	972.000	111.531	111.531	973.000	111.522	111.522	974.000	111.513	111.513
975.000	111.504	111.504	976.000	111.494	111.494	977.000	111.485	111.485	978.000	111.475	111.475

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 2 Battery 1B 48-Hour Coping Study

## DC MCC 1B

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
979.000	111.466	111.466	980.000	111.456	111.456	981.000	111.447	111.447	982.000	111.437	111.437
983.000	111.427	111.427	984.000	111.417	111.417	985.000	111.407	111.407	986.000	111.397	111.397
987.000	111.387	111.387	988.000	111.376	111.376	989.000	111.366	111.366	990.000	111.355	111.355
991.000	111.346	111.346	992.000	111.340	111.340	993.000	111.334	111.334	994.000	111.328	111.328
995.000	111.321	111.321	996.000	111.315	111.315	997.000	111.309	111.309	998.000	111.303	111.303
999.000	111.297	111.297	1000.000	111.291	111.291	1001.000	111.284	111.284	1002.000	111.278	111.278
1003.000	111.272	111.272	1004.000	111.265	111.265	1005.000	111.259	111.259	1006.000	111.253	111.253
1007.000	111.246	111.246	1008.000	111.240	111.240	1009.000	111.233	111.233	1010.000	111.227	111.227
1011.000	111.220	111.220	1012.000	111.214	111.214	1013.000	111.207	111.207	1014.000	111.201	111.201
1015.000	111.194	111.194	1016.000	111.187	111.187	1017.000	111.181	111.181	1018.000	111.174	111.174
1019.000	111.167	111.167	1020.000	111.161	111.161	1021.000	111.154	111.154	1022.000	111.147	111.147
1023.000	111.140	111.140	1024.000	111.133	111.133	1025.000	111.126	111.126	1026.000	111.119	111.119
1027.000	111.112	111.112	1028.000	111.105	111.105	1029.000	111.098	111.098	1030.000	111.091	111.091
1031.000	111.084	111.084	1032.000	111.077	111.077	1033.000	111.070	111.070	1034.000	111.063	111.063
1035.000	111.056	111.056	1036.000	111.048	111.048	1037.000	111.041	111.041	1038.000	111.034	111.034
1039.000	111.027	111.027	1040.000	111.019	111.019	1041.000	111.012	111.012	1042.000	111.004	111.004
1043.000	110.997	110.997	1044.000	110.989	110.989	1045.000	110.982	110.982	1046.000	110.974	110.974
1047.000	110.967	110.967	1048.000	110.959	110.959	1049.000	110.951	110.951	1050.000	110.944	110.944
1051.000	110.936	110.936	1052.000	110.928	110.928	1053.000	110.920	110.920	1054.000	110.912	110.912
1055.000	110.905	110.905	1056.000	110.897	110.897	1057.000	110.889	110.889	1058.000	110.881	110.881
1059.000	110.873	110.873	1060.000	110.865	110.865	1061.000	110.857	110.857	1062.000	110.848	110.848
1063.000	110.840	110.840	1064.000	110.830	110.830	1065.000	110.819	110.819	1066.000	110.808	110.808
1067.000	110.797	110.797	1068.000	110.786	110.786	1069.000	110.774	110.774	1070.000	110.763	110.763
1071.000	110.752	110.752	1072.000	110.740	110.740	1073.000	110.729	110.729	1074.000	110.717	110.717
1075.000	110.705	110.705	1076.000	110.694	110.694	1077.000	110.682	110.682	1078.000	110.670	110.670
1079.000	110.658	110.658	1080.000	110.645	110.645	1081.000	110.633	110.633	1082.000	110.621	110.621
1083.000	110.608	110.608	1084.000	110.596	110.596	1085.000	110.583	110.583	1086.000	110.571	110.571
1087.000	110.558	110.558	1088.000	110.545	110.545	1089.000	110.532	110.532	1090.000	110.519	110.519
1091.000	110.505	110.505	1092.000	110.492	110.492	1093.000	110.479	110.479	1094.000	110.465	110.465
1095.000	110.451	110.451	1096.000	110.438	110.438	1097.000	110.424	110.424	1098.000	110.410	110.410
1099.000	110.396	110.396	1100.000	110.382	110.382	1101.000	110.367	110.367	1102.000	110.353	110.353
1103.000	110.338	110.338	1104.000	110.325	110.325	1105.000	110.319	110.319	1106.000	110.313	110.313
1107.000	110.307	110.307	1108.000	110.301	110.301	1109.000	110.295	110.295	1110.000	110.289	110.289
1111.000	110.283	110.283	1112.000	110.276	110.276	1113.000	110.270	110.270	1114.000	110.264	110.264
1115.000	110.258	110.258	1116.000	110.252	110.252	1117.000	110.246	110.246	1118.000	110.239	110.239
1119.000	110.233	110.233	1120.000	110.227	110.227	1121.000	110.221	110.221	1122.000	110.214	110.214
1123.000	110.208	110.208	1124.000	110.202	110.202	1125.000	110.196	110.196	1126.000	110.189	110.189

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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DIV 2 Battery 1B 48-Hour Copping Study

DC MCC 1B

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1127.000	110.183	110.183	1128.000	110.177	110.177	1129.000	110.170	110.170	1130.000	110.164	110.164
1131.000	110.158	110.158	1132.000	110.151	110.151	1133.000	110.145	110.145	1134.000	110.138	110.138
1135.000	110.132	110.132	1136.000	110.126	110.126	1137.000	110.119	110.119	1138.000	110.113	110.113
1139.000	110.106	110.106	1140.000	110.099	110.099	1141.000	110.096	110.096	1142.000	110.093	110.093
1143.000	110.091	110.091	1144.000	110.088	110.088	1145.000	110.085	110.085	1146.000	110.082	110.082
1147.000	110.079	110.079	1148.000	110.076	110.076	1149.000	110.073	110.073	1150.000	110.070	110.070
1151.000	110.067	110.067	1152.000	110.064	110.064	1153.000	110.061	110.061	1154.000	110.058	110.058
1155.000	110.055	110.055	1156.000	110.052	110.052	1157.000	110.048	110.048	1158.000	110.045	110.045
1159.000	110.042	110.042	1160.000	110.039	110.039	1161.000	110.036	110.036	1162.000	110.033	110.033
1163.000	110.029	110.029	1164.000	110.026	110.026	1165.000	110.023	110.023	1166.000	110.019	110.019
1167.000	110.016	110.016	1168.000	110.013	110.013	1169.000	110.010	110.010	1170.000	110.006	110.006
1171.000	110.003	110.003	1172.000	109.999	109.999	1173.000	109.996	109.996	1174.000	109.992	109.992
1175.000	109.989	109.989	1176.000	109.986	109.986	1177.000	109.982	109.982	1178.000	109.978	109.978
1179.000	109.975	109.975	1180.000	109.971	109.971	1181.000	109.968	109.968	1182.000	109.964	109.964
1183.000	109.960	109.960	1184.000	109.957	109.957	1185.000	109.953	109.953	1186.000	109.949	109.949
1187.000	109.946	109.946	1188.000	109.942	109.942	1189.000	109.938	109.938	1190.000	109.934	109.934
1191.000	109.931	109.931	1192.000	109.927	109.927	1193.000	109.923	109.923	1194.000	109.919	109.919
1195.000	109.915	109.915	1196.000	109.911	109.911	1197.000	109.907	109.907	1198.000	109.903	109.903
1199.000	109.899	109.899	1200.000	109.895	109.895	1201.000	109.891	109.891	1202.000	109.887	109.887
1203.000	109.883	109.883	1204.000	109.878	109.878	1205.000	109.874	109.874	1206.000	109.870	109.870
1207.000	109.866	109.866	1208.000	109.861	109.861	1209.000	109.857	109.857	1210.000	109.853	109.853
1211.000	109.848	109.848	1212.000	109.844	109.844	1213.000	109.840	109.840	1214.000	109.835	109.835
1215.000	109.831	109.831	1216.000	109.826	109.826	1217.000	109.821	109.821	1218.000	109.815	109.815
1219.000	109.810	109.810	1220.000	109.804	109.804	1221.000	109.798	109.798	1222.000	109.791	109.791
1223.000	109.785	109.785	1224.000	109.778	109.778	1225.000	109.771	109.771	1226.000	109.765	109.765
1227.000	109.758	109.758	1228.000	109.751	109.751	1229.000	109.743	109.743	1230.000	109.736	109.736
1231.000	109.729	109.729	1232.000	109.721	109.721	1233.000	109.714	109.714	1234.000	109.706	109.706
1235.000	109.698	109.698	1236.000	109.690	109.690	1237.000	109.682	109.682	1238.000	109.674	109.674
1239.000	109.666	109.666	1240.000	109.657	109.657	1241.000	109.649	109.649	1242.000	109.640	109.640
1243.000	109.631	109.631	1244.000	109.622	109.622	1245.000	109.613	109.613	1246.000	109.603	109.603
1247.000	109.594	109.594	1248.000	109.584	109.584	1249.000	109.575	109.575	1250.000	109.565	109.565
1251.000	109.555	109.555	1252.000	109.544	109.544	1253.000	109.534	109.534	1254.000	109.523	109.523
1255.000	109.512	109.512	1256.000	109.501	109.501	1257.000	109.490	109.490	1258.000	109.479	109.479
1259.000	109.467	109.467	1260.000	109.455	109.455	1261.000	109.443	109.443	1262.000	109.431	109.431
1263.000	109.422	109.422	1264.000	109.414	109.414	1265.000	109.406	109.406	1266.000	109.397	109.397
1267.000	109.389	109.389	1268.000	109.380	109.380	1269.000	109.372	109.372	1270.000	109.363	109.363
1271.000	109.355	109.355	1272.000	109.346	109.346	1273.000	109.337	109.337	1274.000	109.328	109.328

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

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## DIV 2 Battery 1B 48-Hour Coping Study

## DC MCC 1B

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1275.000	109.320	109.320	1276.000	109.311	109.311	1277.000	109.302	109.302	1278.000	109.293	109.293
1279.000	109.284	109.284	1280.000	109.274	109.274	1281.000	109.265	109.265	1282.000	109.256	109.256
1283.000	109.247	109.247	1284.000	109.237	109.237	1285.000	109.228	109.228	1286.000	109.218	109.218
1287.000	109.209	109.209	1288.000	109.199	109.199	1289.000	109.189	109.189	1290.000	109.179	109.179
1291.000	109.169	109.169	1292.000	109.158	109.158	1293.000	109.148	109.148	1294.000	109.137	109.137
1295.000	109.127	109.127	1296.000	109.116	109.116	1297.000	109.105	109.105	1298.000	109.095	109.095
1299.000	109.084	109.084	1300.000	109.073	109.073	1301.000	109.062	109.062	1302.000	109.051	109.051
1303.000	109.040	109.040	1304.000	109.028	109.028	1305.000	109.017	109.017	1306.000	109.006	109.006
1307.000	108.994	108.994	1308.000	108.983	108.983	1309.000	108.971	108.971	1310.000	108.959	108.959
1311.000	108.948	108.948	1312.000	108.936	108.936	1313.000	108.924	108.924	1314.000	108.912	108.912
1315.000	108.900	108.900	1316.000	108.888	108.888	1317.000	108.875	108.875	1318.000	108.863	108.863
1319.000	108.851	108.851	1320.000	108.838	108.838	1321.000	108.826	108.826	1322.000	108.817	108.817
1323.000	108.808	108.808	1324.000	108.799	108.799	1325.000	108.790	108.790	1326.000	108.781	108.781
1327.000	108.771	108.771	1328.000	108.762	108.762	1329.000	108.753	108.753	1330.000	108.744	108.744
1331.000	108.735	108.735	1332.000	108.725	108.725	1333.000	108.716	108.716	1334.000	108.707	108.707
1335.000	108.698	108.698	1336.000	108.688	108.688	1337.000	108.679	108.679	1338.000	108.670	108.670
1339.000	108.660	108.660	1340.000	108.651	108.651	1341.000	108.642	108.642	1342.000	108.632	108.632
1343.000	108.623	108.623	1344.000	108.614	108.614	1345.000	108.604	108.604	1346.000	108.595	108.595
1347.000	108.585	108.585	1348.000	108.576	108.576	1349.000	108.566	108.566	1350.000	108.557	108.557
1351.000	108.547	108.547	1352.000	108.538	108.538	1353.000	108.528	108.528	1354.000	108.519	108.519
1355.000	108.509	108.509	1356.000	108.500	108.500	1357.000	108.490	108.490	1358.000	108.480	108.480
1359.000	108.471	108.471	1360.000	108.461	108.461	1361.000	108.452	108.452	1362.000	108.442	108.442
1363.000	108.432	108.432	1364.000	108.423	108.423	1365.000	108.413	108.413	1366.000	108.403	108.403
1367.000	108.393	108.393	1368.000	108.384	108.384	1369.000	108.374	108.374	1370.000	108.364	108.364
1371.000	108.354	108.354	1372.000	108.345	108.345	1373.000	108.335	108.335	1374.000	108.325	108.325
1375.000	108.315	108.315	1376.000	108.305	108.305	1377.000	108.295	108.295	1378.000	108.285	108.285
1379.000	108.276	108.276	1380.000	108.266	108.266	1381.000	108.256	108.256	1382.000	108.246	108.246
1383.000	108.236	108.236	1384.000	108.226	108.226	1385.000	108.216	108.216	1386.000	108.206	108.206
1387.000	108.196	108.196	1388.000	108.186	108.186	1389.000	108.175	108.175	1390.000	108.163	108.163
1391.000	108.152	108.152	1392.000	108.140	108.140	1393.000	108.128	108.128	1394.000	108.116	108.116
1395.000	108.104	108.104	1396.000	108.092	108.092	1397.000	108.080	108.080	1398.000	108.068	108.068
1399.000	108.056	108.056	1400.000	108.044	108.044	1401.000	108.032	108.032	1402.000	108.020	108.020
1403.000	108.008	108.008	1404.000	107.995	107.995	1405.000	107.983	107.983	1406.000	107.971	107.971
1407.000	107.958	107.958	1408.000	107.946	107.946	1409.000	107.934	107.934	1410.000	107.921	107.921
1411.000	107.909	107.909	1412.000	107.896	107.896	1413.000	107.883	107.883	1414.000	107.871	107.871
1415.000	107.858	107.858	1416.000	107.845	107.845	1417.000	107.832	107.832	1418.000	107.820	107.820
1419.000	107.807	107.807	1420.000	107.794	107.794	1421.000	107.781	107.781	1422.000	107.768	107.768

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain  
Filename: CPS SBO Study

ETAP  
14.1.0N

Study Case: BS1B-48

Page: 21  
Date: 11-17-2018  
SN: KCICONSULT  
Revision: Base  
Config.: Normal

DIV 2 Battery 1B 48-Hour Coping Study

DC MCC 1B

Voltage (V)			Voltage (V)			Voltage (V)			Voltage (V)		
Time	V-	V+	Time	V-	V+	Time	V-	V+	Time	V-	V+
1423.000	107.755	107.755	1424.000	107.742	107.742	1425.000	107.728	107.728	1426.000	107.715	107.715
1427.000	107.702	107.702	1428.000	107.689	107.689	1429.000	107.675	107.675	1430.000	107.662	107.662
1431.000	107.649	107.649	1432.000	107.635	107.635	1433.000	107.622	107.622	1434.000	107.608	107.608
1435.000	107.595	107.595	1436.000	107.581	107.581	1437.000	107.567	107.567	1438.000	107.553	107.553
1439.000	107.540	107.540	1440.000	107.526	107.526	1441.000	107.512	107.512	1442.000	107.498	107.498
1443.000	107.484	107.484	1444.000	107.470	107.470	1445.000	107.456	107.456	1446.000	107.442	107.442
1447.000	107.428	107.428	1448.000	107.413	107.413	1449.000	107.399	107.399	1450.000	107.385	107.385
1451.000	107.370	107.370	1452.000	107.356	107.356	1453.000	107.341	107.341	1454.000	107.327	107.327
1455.000	107.312	107.312	1456.000	107.298	107.298	1457.000	107.283	107.283	1458.000	107.268	107.268
1459.000	107.253	107.253	1460.000	107.238	107.238	1461.000	107.223	107.223	1462.000	107.209	107.209
1463.000	107.193	107.193	1464.000	107.177	107.177	1465.000	107.161	107.161	1466.000	107.145	107.145
1467.000	107.133	107.133	1468.000	107.125	107.125	1469.000	107.116	107.116	1470.000	107.107	107.107
1471.000	107.098	107.098	1472.000	107.088	107.088	1473.000	107.079	107.079	1474.000	107.070	107.070
1475.000	107.061	107.061	1476.000	107.052	107.052	1477.000	107.042	107.042	1478.000	107.033	107.033
1479.000	107.023	107.023	1480.000	107.014	107.014	1481.000	107.004	107.004	1482.000	106.994	106.994
1483.000	106.985	106.985	1484.000	106.975	106.975	1485.000	106.965	106.965	1486.000	106.955	106.955
1487.000	106.945	106.945	1488.000	106.935	106.935	1489.000	106.925	106.925	1490.000	106.915	106.915
1491.000	106.905	106.905	1492.000	106.894	106.894	1493.000	106.884	106.884	1494.000	106.873	106.873
1495.000	106.863	106.863	1496.000	106.852	106.852	1497.000	106.842	106.842	1498.000	106.831	106.831
1499.000	106.820	106.820	1500.000	106.809	106.809	1501.000	106.798	106.798	1502.000	106.787	106.787
1503.000	106.776	106.776	1503.333	106.773	119.654						

Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain

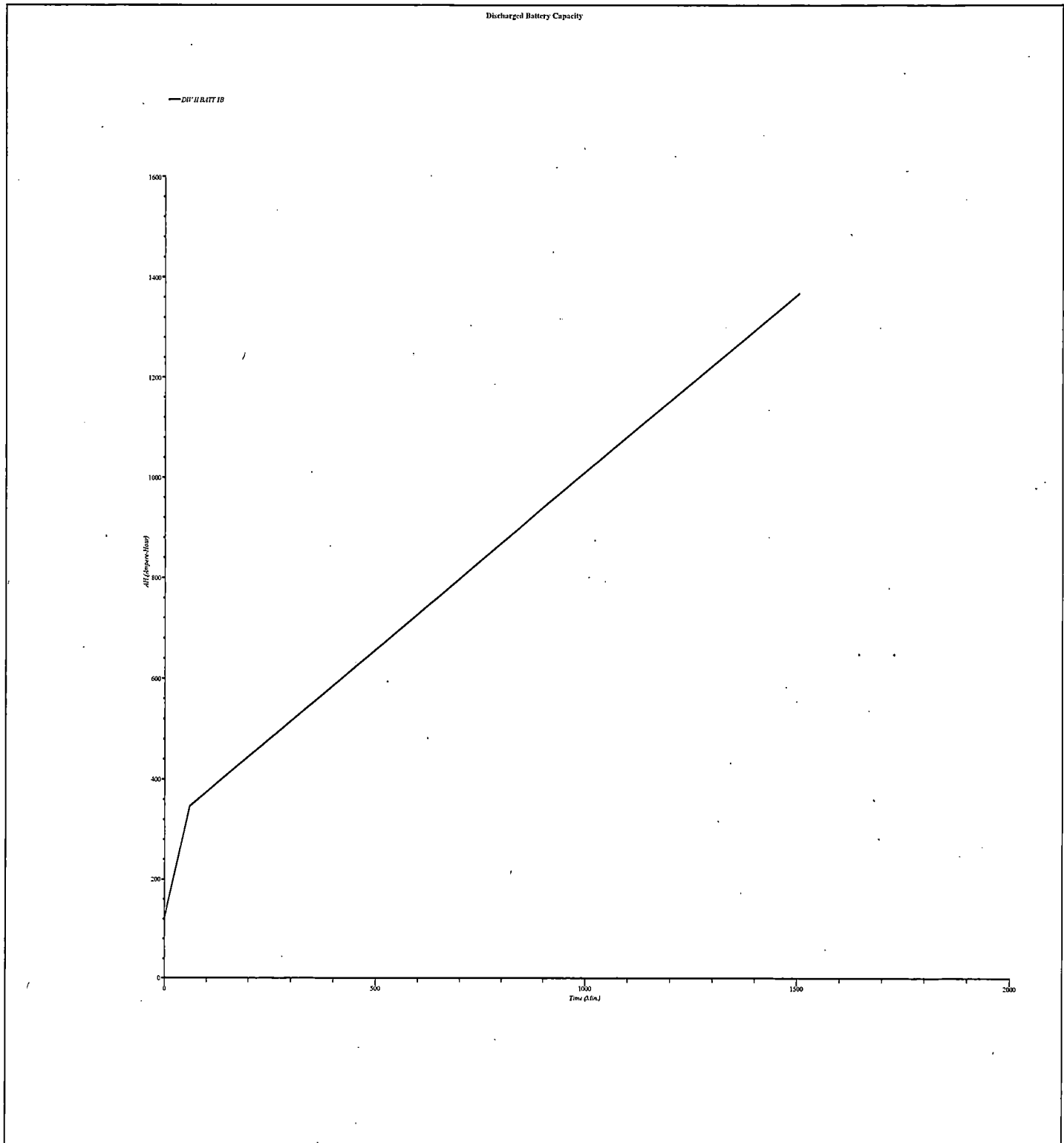
ETAP  
14.1.0N

Study Case: BS1B-48

Date: 11-16-2018  
SN: KCiconsult  
Revision: Base  
Config.: Normal

DIV 2 Battery 1B 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1B Sizing 48 Hr



Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain

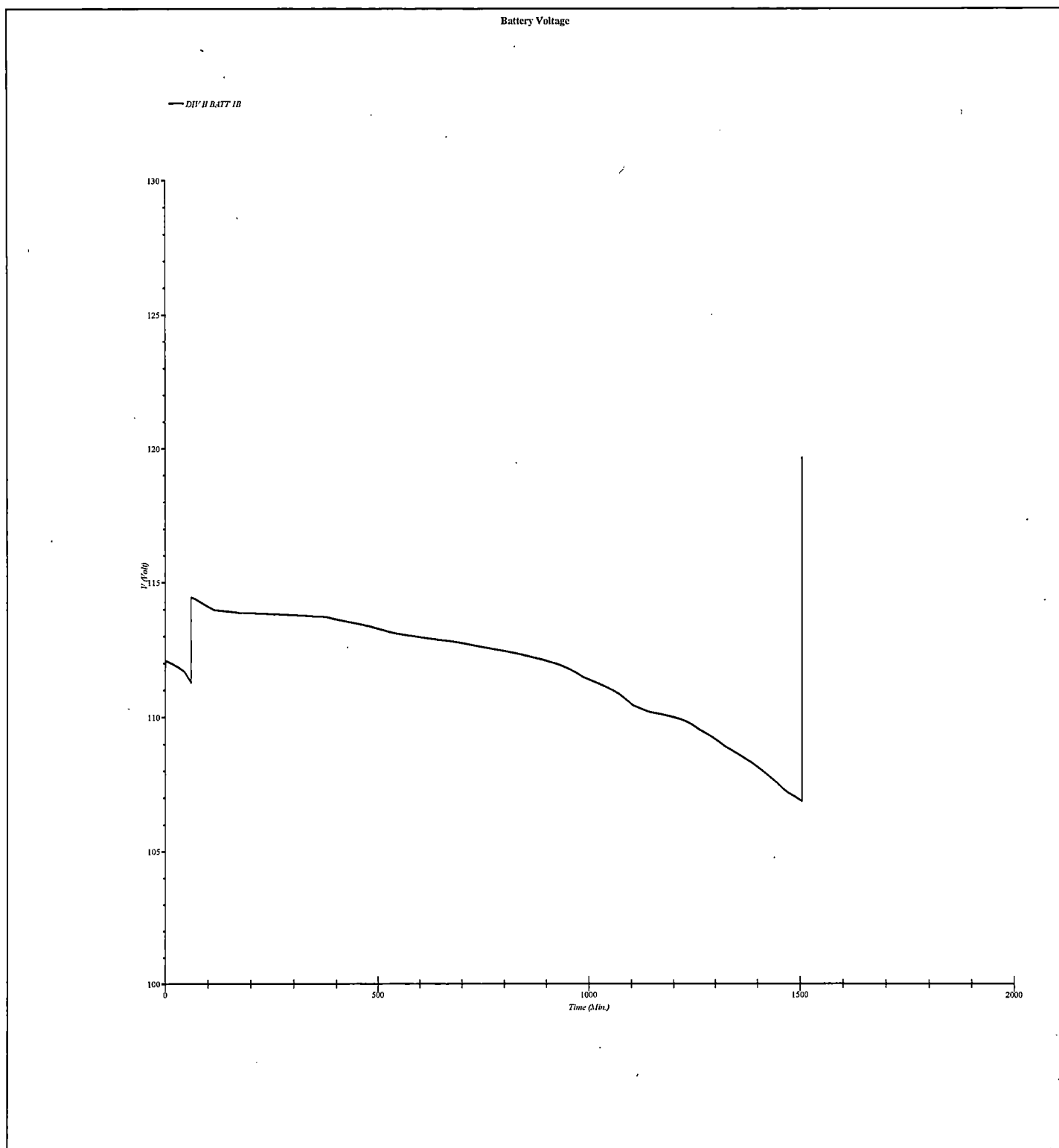
ETAP  
14.1.0N

Study Case: BS1B-48

Date: 11-16-2018  
SN: KCICONSLT  
Revision: Base  
Config.: Normal

DIV 2 Battery 1B 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1B Sizing 48 Hr



Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain

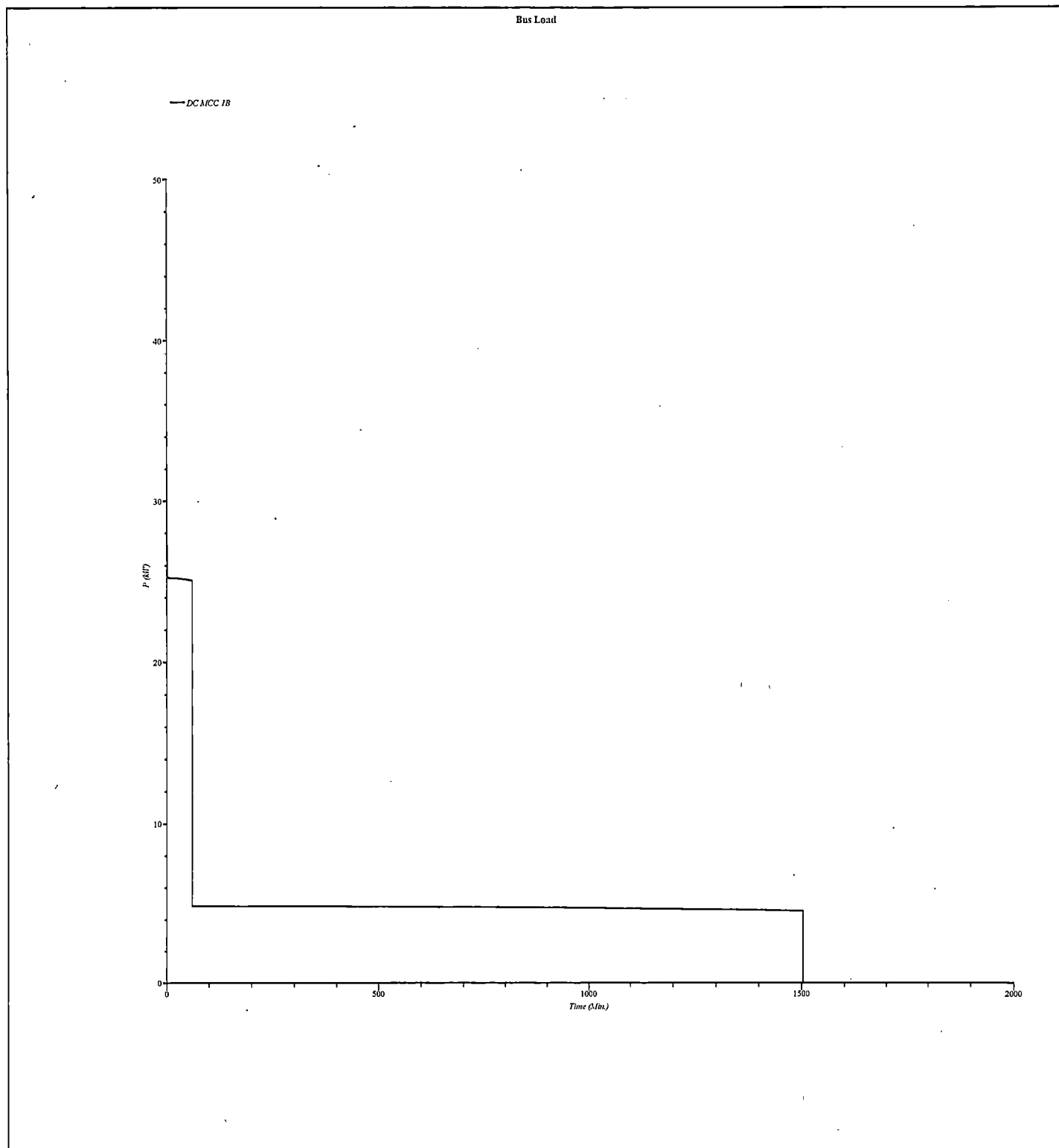
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Study Case: BS1B-48

Date: 11-16-2018  
SN: KCiconsult  
Revision: Base  
Config.: Normal

DIV 2 Battery 1B 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1B Sizing 48 Hr



Project: Clinton Flex Study  
Location: KCI  
Contract:  
Engineer: Badar Hussain

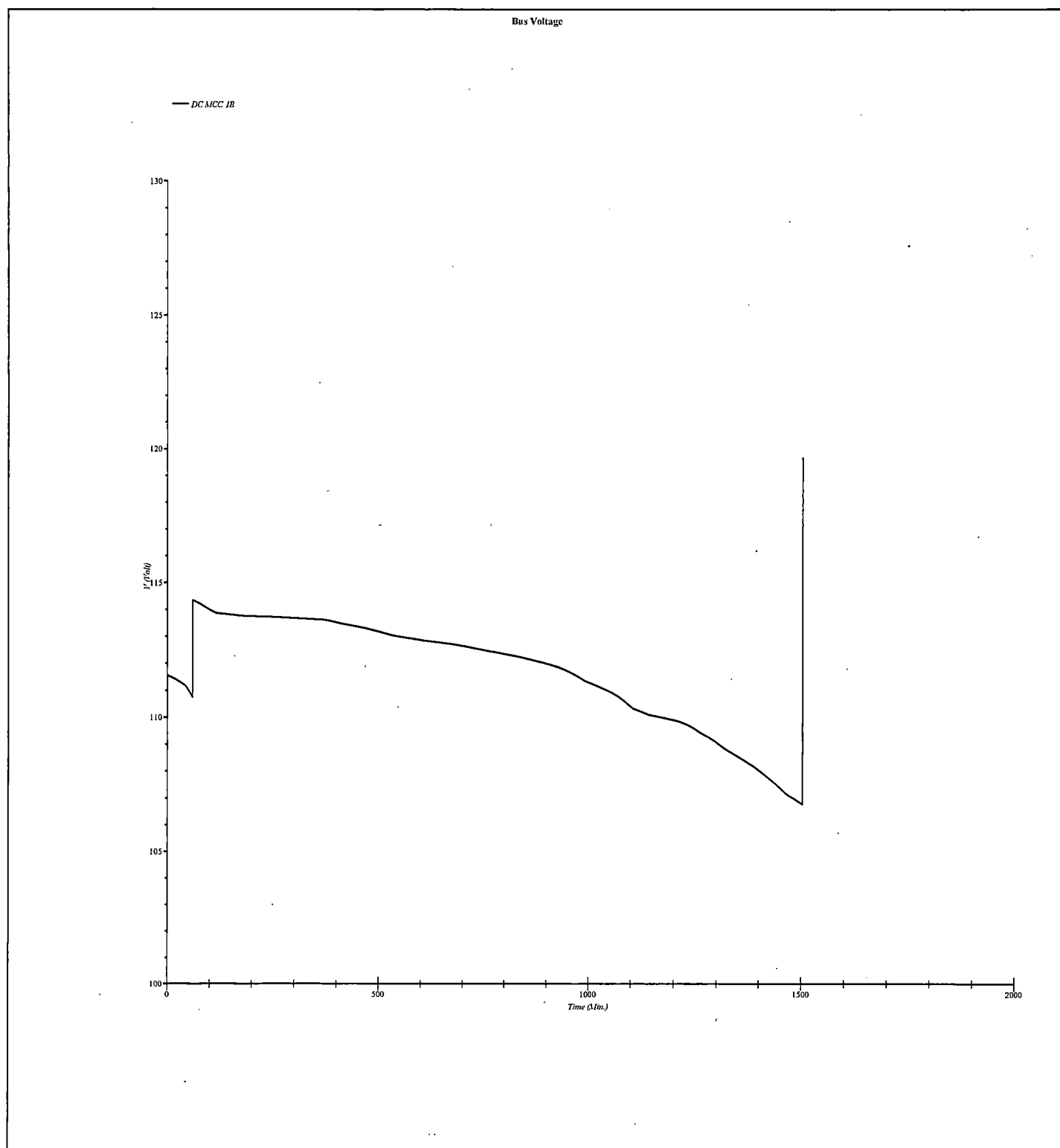
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Study Case: BS1B-48

Date: 11-16-2018  
SN: KCiconsult  
Revision: Base  
Config.: Normal

DIV 2 Battery 1B 48-Hour Coping Study

Project File: CPS SBO Study  
Output Report: BATT 1B Sizing 48 Hr



## Attachment 2

### DIVISION 1 and DIVISION 2 DC Bus Loading Profile

(Specific to the SDP Cases Associated with November 30, 2018 Regulatory Conference)

Prepared by: Steve Queen  / 11/18/18

Reviewed by: Jared Peterson  / 11/18/19

## 1.0 Purpose

This attachment details the Division 1 and Division 2 battery loads on the 1DC13E and 1DC14E 125 VDC MCCs following a postulated loss of offsite power (LOOP) resulting in a loss of all AC power. The postulated Extended Loss of AC Power (ELAP) occurs during a specific Mode 4 plant configuration that was present on 5/14/18 at 00:30 (Ref. IR 4138790). The load sequencing and procedurally driven load shedding that would have occurred are credited and documented in Enclosure 1 of this Attachment.

Specifically, the primary purpose of this attachment is to develop the load profiles for the following cases. These load profiles are used as inputs to the ETAP battery coping time analysis performed in Attachment 1 of this EC.

### CASE 1.1: Division 1 DC Loads with 1 SRV Open Continuously for > 24 hours

The Division 1 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.

### CASE 1.2: Division 1 DC Loads with 1 SRV Open Continuously for > 24 hours and with RCIC on Continuously at T=20 hours

The Division 1 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Additionally, RCIC loads are included on the battery starting at T=20 hours. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.

### CASE 2.1: Division 2 DC Loads with 1 SRV Open Continuously for > 24 hours

The Division 2 battery supplies the loads present at the start of the postulated ELAP plus the load of 1 SRV open continuously. Procedurally driven load shedding is credited within the first hour. Loads that were out of service are not included.

For comparison, the load profile tables in Enclosure 1 also document the normal Division 1 and Division 2 Design Loads on the 1DC13E and 1DC 14E 125VDC buses. The design basis loads are from design basis calculations 19-D-28 and 19-D-29. These calculations showed that both the Division 1 and Division 2 battery coping times were > 4 hours with design basis loads (i.e., bus voltage remained > 105 VDC).

A secondary purpose of this attachment is to compare the amp-hours used in each of the above cases to the amp-hours used in the design cases. This comparison allows for a simple, conservative method of determining if a battery would last for > 24 hours for each case.

## 2.0 Assumptions

- 2.1 DC loads are shed within 1 hour of the loss of all DIVISION 1 and DIVISION 2 AC power as required by procedure checklist 4200.01C002. Loads are conservatively assumed to be shed at T=1 hour for modeling purposes.
- 2.2 Both the DIVISION 1 and 2 DGs are considered not recoverable at T=1 hour. Therefore, the DG control panels (CK#13/14) are shed per 4200.01C002. If either diesel is recoverable, then these loads are not shed and AC power is restored; therefore, the assumption is conservative.
- 2.3 The load for a single SRV is assumed to be 0.377 amps. This is 1/7 of the ADS load shown on Enclosure 1 for 19-D-28 and 19-D-29 design calculations. The ADS load includes 7 SRVs and the ADS driver cards. Further, GE drawing 112D1130 shows that a single SRV uses 18 watts at 125 V which is 0.144 amps. Additionally, the pick-up test data in Attachment 3 shows that actual, tested pick-up current is around 0.1 amps. Therefore, 0.377 amps is greater than either the value required to hold or cycle an SRV solenoid which makes this assumption conservative.

- 2.4 For each CASE, one SRV is assumed to be open throughout the event (> 24 hrs.). Its solenoid valve will therefore draw load from a battery continuously. EC 624344 Rev. 0 shows that at the decay heat levels present at the end of the refueling outage, pressure control is not required until about 8 hours after T=0 and would take only intermittent use of one SRV. The peak current required to open an SRV solenoid valve lasts less than 1 second. Therefore, assuming that one SRV is continuously open is conservative.
- 2.5 If the amp-hours consumed for the SDP cases (CASE 1.1, 1.2, and 2.1) are less than the amp-hours consumed for the design case (those from 19-D-28 and 19-D-29), then the battery will last longer than the times assumed in the SDP cases. This is conservative because the design cases do not use 100% of the battery capacity. The testing performed in reference 3.4 and 3.5 showed that both batteries have more than 100% of capacity (the references show DIV 1 at 104% and DIV 2 at 119%). ETAP analysis in Attachment 1 uses full battery capacity and will show significantly longer times than this simple comparison.
- 2.6 For CASE 1.2, RCIC is assumed to be manually started at T=20 hours and then operated continuously for the remainder of the case. T=20 hours was chosen as a starting point. Reference 3.7 shows that this is about 4 hours prior to when TAF would be reached and thus a reasonable starting time for RCIC if it were used.

### 3.0 References

- 3.1 Calculation 19-D-28 Rev. 015 – Review of Division 1 DC System Review 1A.
- 3.2 Calculation 19-D-29 Rev. 013 – Review of DIV II Direct Current (DC).
- 3.3 CPS Procedure 4200.01C002 – DC Load Shedding During a SBO.
- 3.4 Work Order (WO) 01910395-01 completed 5-4-18 – DIV 1 Battery 1DC01E Modified Performance Test.
- 3.5 Work Order (WO) 01705484-01 completed 5-27-17 – DIV 2 Battery 1DC02E Modified Performance Test.
- 3.6 IR 4138790
- 3.7 EC624344 Evaluation of RPV Heat-Up, Pressurization and Water Level During Mode 4 Rev. 0
- 3.8 Procedure Checklist 4200.01C002 - DC Load Shedding During an SBO Rev. 5a
- 3.9 GE Drawing 112D1130 Interface Control, Safety Relief Valve, Rev. 4

### 4.0 Methodology

The DIVISION 1 and DIVISION 2 load profiles are developed in Enclosure 1 of this attachment as follows:

1. DC Loads on DIVISION 1 and DIVISION 2 DC buses are the design loads listed in References 3.1 and 3.2. The design basis loads and load profiles are tabulated in Enclosure 1.
2. The loads that were out of service or would not have started in this specific plant condition (on 5/14/18) are identified and removed from the buses.
3. The loads that would have been shed at T=1 hour using Reference 3.3 are identified and credited as shed loads.
4. Based on the above, the load profiles for CASE (1.1, 1.2, 2.1) are created.
5. The amp-hours used for the design basis cases (a 4-hour SBO) and for CASES 1.1, 1.2, and 2.1 are calculated. The method of calculation is:
  - a) Sum the current (amps) for each time frame at the bottom of the Enclosure 1 tables.
  - b) Multiply the summed current by the load duration to calculate amp-hours for each time frame at the bottom of the Enclosure 1 tables.

- c) Sum the amp-hours for all time frames to determine the total amp-hours consumed for each case. Results are shown at the bottom of Table 1 and 2 in Enclosure 1.
6. Compare the CASE 1.1, 1.2, and 2.1 total amp-hours to the design case total amp-hours. If the amp-hours are less than the design cases then the specific CASE (1.1, 1.2, or 2.1) would have had adequate battery capacity. If not, then additional analysis using actual battery capacity and ETAP will show more margin and may show that the CASE is acceptable (see assumption 2.5)

The sequence of events used to develop the load profiles for each case (CASES 1.1, 1.2, and 2.2) in Enclosure 1 is as follows:

Time	Event	Basis and notes
INITIAL CONDITIONS (station)	<p>The station is coming out of a refueling outage with the RPV at &lt; 2 psig and approximately 100 F. Power is supplied by offsite power.</p> <p>A long-term supply of pressurized air is provided to the SRV solenoid valves from backup air bottles.</p> <p>Both the DIVISION 1 and DIVISION 2 battery banks are fully charged when AC power is lost. Steps 5.1.8, 5.4.1, and 8.1.4 of executed procedure 3514.01C005 documents that the 1E swing charger was lined up to maintain the DIVISION 1 battery charged. There were no out of service components associated with the DIVISION 2 battery charger so its normal charger was lined up to maintain a charge.</p> <p>RCIC is not initially available because the RCIC turbine steam supply lines have not been drained</p>	<p>Initial plant conditions defined in EC62344 Rev. 0</p> <p>Procedure 4200.10 (SBO) or 4306.01 (ELAP) provides basis and instructions for backup air bottles.</p>
INITIAL CONDITIONS (DIVISION 1)	<p>An SRV can be controlled on DIV 1 from the remote shutdown panel per 4411.09</p> <p>The following DIVISION 1 Components that would impact the DIVISION 1 battery are Out of Service:</p> <ul style="list-style-type: none"> <li>- DIVISION 1 Diesel Generator (maintenance)</li> <li>- DIVISION 1 Inverter (maintenance)</li> <li>- RCIC (COMPT 6A, 6B, 7B, and 10D)</li> <li>- Post-Accident Sampling (CKT # 28)</li> </ul>	<p>DIV 1 DG - The associated DG panel is energized and loads the DIVISION 1 DC bus through CKT#13/14 since the associated DC breaker was not tagged out.</p> <p>See signed off procedure step 5.4.2 from 3514.01C005 and step 8.1.1 from 3509.01C001 in Enclosure 2 for the following:</p> <ul style="list-style-type: none"> <li>a. DIV 1 Inverter - COMPT2A is OFF; therefore, the associated inverter load is not on the DIVISION 1 DC bus.</li> <li>b. CKT# 28 is OFF so the Post Accident Sampling System Shunt Trip Bypass load is not on the DIV 1 DC bus</li> <li>c. The SRVs are not operational from the DIV 1 switches in the control room because CKT # 23 is OFF. This also prevents RCIC from automatically starting and loading the DIV 1 bus.</li> </ul>

Time	Event	Basis and notes
INITIAL CONDITIONS (DIVISION 2)	The following DIVISION 2 Components that would impact the DIVISION 2 battery are Out of Service - DIVISION 2 Diesel Generator (air start valves closed)	IR 4138790
T=0	All offsite power is lost (LOOP) resulting in a station black out (neither the Division 1 or Division 2 diesels start)  For conservative bus loading purposes, 1 SRV is assumed to be manually opened at T=0 to T >24 hours using the DIVISION 1 or DIVISION 2 switches.	EC 624344 Rev 0 shows an SRV is not required to control pressure until T=8hrs (point at which RPV pressure increases to 100 psig). Therefore, assuming continuous operation of an SRV is conservative for battery coping time evaluations.
T=0 to 1 hour	The DIVISION 1 batteries are loaded with the design basis loads as shown on Enclosure 1 except for the following loads which are out of service:  - DIVISION 1 Inverter (COMPT2A) - RCIC (COMPT 6A, 6B, 7B, and 10D))	19-D-28 Revision 15 19-D-29 Revision 13  No record was found showing that the DIVISION 1 DG panel was tagged out of service; therefore, it is assumed to load the DC bus through CKT#13/14.
T=1 hour	Operators complete DC load shedding per the requirements of procedure check list 4200.01C002. As a result, the following loads are removed from the DC buses by T=1 hour:  DIVISION 1: CKT# 7, 13/14, 26, 30, 32, 33, 18, and 36  DIVISION 2: CKT# 15, 16, 10, 13/14, 17, 18, 20, 22, 24, 26, 30, and 32	4200.01C002
T=20 hours	RCIC is started and operated for the remainder for the remainder of the event.	RCIC is operated only for DIVISION 1 CASE 1.2 to assess coping time.
T> 24 hours	For the purposes of battery capacity evaluations, loads remain on the buses.	

## 5.0 Results

1. The detailed load profiles for CASE 1.1, 1.2, 2.1, and the design basis case were developed and are shown in Enclosure 1.
2. The amp-hours for each CASE (up to 24 hours) and the design basis case (4 hours) are also provided at the bottom of the tables in Enclosure 1.

## 6.0 Conclusions

For the specific Mode 4 plant configuration that was present on 5/14/18 at 00:30:

1. The Division 1 battery could have maintained 1 SRV open continuously and supplied the loads that would have been present during a postulated ELAP for more than 24 hours. This remains true even if RCIC were operated for 4 hours during the 24 hours.
2. The Division 2 battery requires additional analysis to determine if it would have maintained 1 SRV open continuously for 24 hours and supplied the loads that would have been present during a postulated ELAP (see Attachment 1 of this EC).
3. Performing a detailed evaluation using ETAP and crediting actual battery capacity instead of design battery capacity would result in durations significantly longer than those in the above conclusions. This more detailed evaluation is performed in Attachment 1 of this EC using the load profiles in Enclosure 1.

## **7.0 Enclosures**

1. Division 1 and 2 Load Profiles (Table 1 and 2)
2. Excerpts from Implemented Procedures Showing Key Equipment Status

DIV 1 DC Bus Loading (Ref: 19-D-28 Rev 15 Attachment 3)		Design Loads per 19-D-28 Rev 15 Attachment 3 (Load Amps at 120 VDC)								CASE 1.1 Loads for SDP Evaluation (1 SRV for >24hrs, No RCIC) (Load Amps at 120 VDC)					CASE 1.2 Loads for SDP Evaluation (1 SRV for T>24 hrs, RCIC Continuously Starting at T=20 hrs) (Load Amps at 120 VDC)								Load Shed @ T=1 hr Per 4200.01	Notes (See Design Inputs and Assumptions for further details)
COMPT or Circuit	LOAD ID	RCIC Loads (8-11 sec)	RCIC Loads (11-60 sec)	RCIC Loads (15-18 sec)	RCIC Loads (18-45 sec)	Transient Load (T=1-4 hrs)	Continuous Load (T=60s to 1 hr)	Continuous Load (T=1-4 hrs)	Transient Load (T=1-1sec)	Continuous Load (T=60 sec)	Continuous Load (T=60s to T=1hr)	Continuous Load (T=1hr to T> 24hrs)	RCIC Loads @ T=20 hrs (8-11 sec)	RCIC Loads @ T=20 hrs (11-60 sec)	RCIC Loads @ T=20 hrs (15-18 sec)	RCIC Loads @ T=20 hrs (18-45 sec)	Continuous RCIC Load (T=20 to T>24 hrs)	Transient Load (T=1-1sec)	Continuous Load (T=60 sec)	Continuous Load (T=60s to T=1 hr)	Continuous Load (T=1hr to T>24 hrs)			
CKT#1	480V SWGR BUS 1A (VAP1E)	NA	NA	NA	NA	4.527	0.737	0.737	4.527	0.737	0.737	0.737	0.737	NA	NA	NA	NA	4.527	0.737	0.737	0.737	NO		
CKT#2	480V SWGR BUS 1A1	NA	NA	NA	NA	27.253	3.015	3.015	27.253	3.015	3.015	3.015	3.015	NA	NA	NA	NA	27.253	3.015	3.015	3.015	NO		
CKT#3	480V SWGR BUS 1A	NA	NA	NA	NA	4.823	1.079	1.079	4.823	1.079	1.079	1.079	1.079	NA	NA	NA	NA	4.823	1.079	1.079	1.079	NO		
CKT#4	#P72E DISTR PANEL (SHUNT TRIP)	NA	NA	NA	NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	NA	NA	NA	NA	0.000	0.000	0.000	0.000	NO		
CKT#7	EMRG LIT CAB 154	NA	NA	NA	NA	52.800	52.800	52.800	52.800	52.800	52.800	52.800	52.800	NA	NA	NA	NA	52.800	52.800	52.800	52.800	YES	Load Shed per 4200.01C002.	
CKT#131A	DC CONT PNL 1212A	NA	NA	NA	NA	156.621	39.538	27.119	156.621	39.538	27.119	0.000	0.000	NA	NA	NA	NA	156.621	39.538	27.119	0.000	NO		
CKT#15	RSS PANEL 1C51-P001	NA	NA	NA	NA	2.038	2.038	2.038	2.038	2.038	2.038	2.038	2.038	NA	NA	NA	NA	2.038	2.038	2.038	2.038	NO		
CKT#17	RX RECIRC PMP 1A	NA	NA	NA	NA	6.646	0.214	0.214	6.646	0.214	0.214	0.214	0.214	NA	NA	NA	NA	6.646	0.214	0.214	0.214	NO		
CKT#19	CONT PNL 1H3-P681	NA	NA	NA	NA	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	NA	NA	NA	NA	1.600	1.600	1.600	1.600	NO		
CKT#20	PANEL 1H3-P681	NA	NA	NA	NA	1.663	1.363	1.363	1.663	1.363	1.363	1.363	1.363	NA	NA	NA	NA	1.663	1.363	1.363	1.363	NO		
CKT#21	PANEL 1H3-P601	NA	NA	NA	NA	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	NA	NA	NA	NA	1.100	1.100	1.100	1.100	NO		
CKT#22	PANEL 1H3-P681	NA	NA	NA	NA	1.092	1.092	1.092	1.092	1.092	1.092	1.092	1.092	NA	NA	NA	NA	1.092	1.092	1.092	1.092	NO		
CKT#23	ADSRV 1H3-P661b	NA	NA	NA	NA	2.640	2.640	2.640	2.640	0.377	0.377	0.377	0.377	NA	NA	NA	NA	0.377	0.377	0.377	0.377	NO	SRVs	
CKT#23	CONT PNL 1H3-P661B (ADS)	NA	NA	NA	NA	5.320	5.320	0.000	0.000	0.000	0.000	0.000	0.000	NA	NA	NA	NA	0.000	0.000	0.000	0.000	NO	CKT#23 is OFF.	
CKT#24	AUX BLDG MCC 1A1 (SHUNT TRIP)	NA	NA	NA	NA	1.500	0.000	0.000	0.000	1.500	0.000	0.000	0.000	NA	NA	NA	NA	1.500	0.000	0.000	0.000	NO		
CKT#25	AUX BLDG MCC 1A2 (SHUNT TRIP)	NA	NA	NA	NA	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	NA	NA	NA	NA	0.500	0.000	0.000	0.000	NO		
CKT#26	PANEL 1H3-P661B (LPCS)	NA	NA	NA	NA	0.800	0																	

Enclosure 1

Table 2: Division 2 DC Bus Loading Profile for Significance Determination Process (SDP) Evaluation- CASE 2.1


DIV 2 DC Bus Loading (Ref: 19-D-29 Rev 13 Attachment 3)		Design Loads per 19-D-29 Rev 13 Attachment 3 (Load Amps at 120 VDC)				Case 2.1 Loads used for SDP Evaluation (1 SRV for >24 hours) (Load Amps at 120 VDC)					
COMPT or Circuit	LOAD ID	Transient Load (0-1 sec)	Continuous Load (1-60 sec)	Continuous Load (T=60s to T=1 hr)	Continuous Load (T=1hr to T=4 hrs)	Transient Load (0-1 sec)	Continuous Load (1-60 sec)	Continuous Load (T=60s to T=1hr)	Continuous Load (T=1hr to T > 24hrs)	Load Shed @ T=1 hr Per 4200.01	Notes
COMPT3A	INVERTER 1C71-S001B	35.550	35.550	35.550	35.550	35.550	35.550	35.550	35.550		Inverter load 35.55 at 100VDC per 19-D-29 Attachment 3
CKT#1	480V SWGR BUS 1B	5.848	0.856	0.856	0.856	5.848	0.856	0.856	0.856		
CKT#2/#4	4160V SWGR BUS 1B1	27.253	3.015	3.015	3.015	27.253	3.015	3.015	3.015		
CKT#3	480V SWGR BUS B	4.788	1.044	1.044	1.044	4.788	1.044	1.044	1.044		
CKT#15	EMRG LTG CAB 165	59.100	59.100	59.100	0.000	59.100	59.100	59.100	0.000	YES	Load Shed per 4200.01C002.
CKT#16	EMRG LTG CAB 166	33.800	33.800	33.800	0.000	33.800	33.800	33.800	0.000	YES	Load Shed per 4200.01C002.
CKT#10	EMRG LTG CAB 188	46.600	46.600	46.600	0.000	46.600	46.600	46.600	0.000	YES	Load Shed per 4200.01C002.
CKT#13/#14	DG CONT PNL 1PL12JB	123.621	39.638	26.938	26.938	123.621	39.638	26.938	0.000	YES	Load Shed per 4200.01C002. See Assumption 2.2.
CKT#17	RC RECIRC PMP 1B	6.646	0.214	0.214	0.214	6.646	0.214	0.214	0.000	YES	Load Shed per 4200.01C002.
CKT#18	FIRE PROT DISTR PNL	10.000	10.000	10.000	10.000	10.000	10.000	10.000	0.000	YES	Load Shed per 4200.01C002.
CKT#19	PANEL 1H13-P662	0.800	0.800	0.800	0.800	0.800	0.800	0.800	0.800		
CKT#20	PANEL 1H13-P851	2.063	2.063	2.063	2.063	2.063	2.063	2.063	0.000	YES	Load Shed per 4200.01C002.
CKT#21	PANEL 1H13-P601	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640		
CKT#22	OPT ISOL PNL 1PL571A/B	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.000	YES	Load Shed per 4200.01C002.
CKT#23	ADS/SRV SOVS (1H13-P662C)	2.640	2.640	2.640	2.640	0.377	0.377	0.377	0.377		See Assumptions and Design Input Sections for SRVs.
CKT#23	PANEL 1H13-P662C (ADS LOGIC)	5.920	5.920	0.000	0.000	5.920	5.920	0.000	0.000		
CKT#24	PANEL 1H13-P851	1.222	1.222	1.222	1.222	1.222	1.222	1.222	0.000	YES	Load Shed per 4200.01C002.
CKT#25	DRWL CLGFAN 1B/1D/S	1.500	0.000	0.000	0.000	1.500	0.000	0.000	0.000		
CKT#26	PANEL 1H13-P662	1.613	1.613	1.613	1.613	1.613	1.613	1.613	0.000	YES	Load Shed per 4200.01C002.
CKT#27	OVQ03CB	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000		
CKT#28	OVQ10AB	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000		
CKT#29	DAMPERS OVQ05YB/OVQ08YB	1.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000		
CKT#30	CONT PNL 1H13-P601	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.000	YES	Load Shed per 4200.01C002.
CKT#31	PANEL 1H13P662 (BACKUP SCRAM)	6.750	0.150	0.150	0.150	6.750	0.150	0.150	0.150		
CKT#32	PANEL 1H13-P662 (LOGIC)	0.800	0.800	0.800	0.800	0.800	0.800	0.800	0.000	YES	Load Shed per 4200.01C002.
CKT#33	SHUNT TRIP @ 1DC14E & 1AP61E	5.190	0.000	0.000	0.000	5.190	0.000	0.000	0.000		
CKT#34	RSS PNL 1C61-P001D	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036		
TOTAL AMPS		385.740	247.061	228.441	88.941	383.477	244.798	226.178	42.468		
SUB TOTAL AMP-HOURS		0.107	4.049	224.634	266.823	0.107	4.012	222.408	976.764		
TOTAL AMP-HRS (DESIGN LOADS FOR 4 HOURS)=			495.613			TOTAL AMP-HRS (SDP LOADS FOR 24 HOURS)=		1203.291			

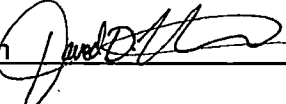
Enclosure 2- Excerpts from Implemented Procedures Showing Key Equipment Status

Discussion	Excerpt
Signed off step from 3509.01C001 showing that CKT#23 in Division 1 is OFF. This prevents DIV 1 switches from actuating SRVs from the control room. The Remote Shutdown Panel was not removed from service so SRVs can still be actuated on DIV 1 from the RSP. NOTE: This circuit also OFF also prevents RCIC from automatically starting.	5.3.4 At 125VDC MCC 1A (1DC13E), Cubicle 12A Dist Panel: Turn OFF Ckt #23, Control Panel 1H13-P661B, Bus A ADS & SRV Solenoids and NSPS Control Power. <u>✓</u>
Signed off step from 3514.01C005 showing that CKT#28 for PASS is OFF (no load on DIV 1 bus).	5.4.4 At DC MCC 1A-12A (1DC13E), 125VDC Distribution Panel 1A, turn OFF Ckt #28, Post Accident Sample System Shunt Trip Bypass. <u>✓</u>
Signed off step from 3514.01C005 showing that DIV 1 Inverter is out of service (COMPT2A is OFF/no Inverter, load on DIV 1)  Signed off step from 3509.01C001 showing that the inverter DC input switch is OFF.	5.4.2 IF A Div 1 NSPS Inverter Outage is planned, or a Div 1 DC Outage is planned, <u>yes</u> N/A if performed in 5.4.1.3.  THEN De-energize Div 1 NSPS Bus per CPS 3509.01C001, Division 2 NSPS Bus (1C71-P001A) Outage (ITS LCO 3.8.8 and 3.8.10) <u>✓</u>  8.1 <u>De-energizing Div 1 NSPS Bus (1C71-P001A)</u>  8.1.1 At NSPS Inverter 1A (1C71-S001A): ① Verify IN SYNC lamp (P3) (green) is illuminated. <u>NOFF</u> <u>4</u> ② Momentarily depress the BYPASS SOURCE TO LOAD (S202) push-button. <u>NOFF</u> <u>4</u> ③ Verify the BYPASS SOURCE SUPPLYING LOAD lamp (P2) (red) is illuminated. <u>NOFF</u> <u>4</u> ④ Verify the AC OUTPUT VOLTAGE is within 117.6 - 124.0 VAC. <u>NOFF</u> <u>4</u> 5 ⑤ Position the MANUAL BYPASS SWITCH (S-1) from NORMAL OPERATION to BYPASS TO LOAD position. <u>NOFF</u> <u>4</u> 2 <u>SEAL STAFF</u> Position DC INPUT circuit breaker (B-1) to OFF. <u>NOFF</u> <u>4</u> 1

## Attachment 3

### SRV Solenoid Minimum Pick-up and Drop-out Voltage Test

Prepared by: Steve Queen  / 11/13/18

Reviewed by: Jared Peterson  / 11/13/18

## 1.0 Purpose

Determine the minimum pick-up and drop-out voltage required at various temperatures for the solenoid valves on the Clinton Safety Relief Valves (SRVs) using test data. Specifically, from a test performed on a spare Clinton SRV:

- a. Determine if supply pressure to the SRV solenoid valve affects drop-out and pick-up voltages.
- b. Determine the minimum required pick-up and drop-out voltages required up to EQ accident temperature of 330 F by extrapolating pick-up and drop-out test data obtained at room temperature.

## 2.0 Assumptions and Limitations.

- 2.1 The pick-up and drop-out voltages determined in this Attachment are for use in non-design basis assessments only.

## 3.0 Design Inputs

- 3.1 Solenoid Valve inlet pressure: 135 psig to 165 psig (Reference 4.1)
- 3.2 EQ Accident temperature (LOCA/MSLB): 330 F (Reference 4.2)
- 3.3 Seitz Model 6A39 Solenoid Parameters (Reference 4.2)
  - Voltage Rating: 125 VDC
  - Power Consumption: 22 Watts
  - Coil Resistance:  $620 \pm 5\%$  ohms @ 20 C,  $710 \pm 5\%$  ohms @ 57 C
  - Holding Current:  $0.18 \pm 10\%$  amps
- 3.4 Enclosure 1 SRV Test Results (performed under PO 01922580, Contract 00078389 Release 00106)

## 4.0 References

- 4.1 CPS Procedure 3214.01 Section 8.1.2.5.4
- 4.2 EQ-CL065 Rev 8, Environmental Qualification of Seitz Solenoid Valve Model # 6A39
- 4.3 All About Circuits, Chapter 12- Physics of Conductors and Insulators (excerpt in Enclosure 2)

## 5.0 Methodology and Calculations

### 5.1 Test to Determine Pick-up and Drop-out Voltages and Currents at Room Temperature

On 11/8/18, pick-up and drop-out voltage tests were performed on a Dikkers SRV Air Block and Solenoid Assembly at room temperature (72 F). The SRV was a Clinton spare maintained at NWS Technologies. Each of the two solenoids on the SRV, labeled M1 and M2, were tested with and without nitrogen pressure supplied to the solenoid valve block. The first set of tests were performed at 0 psig and the second set at 165 psig which is the maximum pressure supplied to the solenoid valve when installed in the plant (Design Input 3.1). A detailed description of the testing and the test results are provided in Enclosure 1 of this attachment.

This analysis uses the highest pick-up and drop out voltages from all tests. Selecting higher solenoid terminal voltages is conservative because it requires a higher voltage supply source.

From Enclosure 1, pick-up voltages are lower at the higher solenoid valve supply pressure while the drop-out voltages are not significantly affected. The highest pick-up voltage is from solenoid M2 Run #1 (not pressurized) and the highest drop-out voltage is from solenoid M2 Run #2 (pressurized). The test results are summarized as follows:

Max Tested SRV Solenoid Valve Pick-up and Drop-out Voltages at 72 F (from Enclosure 1)	
Pick-up (Volts DC)	Drop-out (Volts DC)
60.1	13.6

The resistance data and voltages determined from the testing are used to calculate the minimum current required to pick-up and drop-out the solenoid valve. Since the magnetic field required to pick-up or drop-out the solenoid valve block components is based on fixed forces (i.e., friction, weight, etc.), the current required to establish the magnetic field will be the same regardless of temperature. Using Ohms law and the resistance of 614 ohms at 72 F (from Enclosure 1), the current required is as follows (rounded up):

	Resistance @ 72 F Ohms	Volts (V)	Current (I=V/R)
Max Tested Pick-up	614	60.1	0.098
Max Tested Drop-out	614	13.6	0.023

## 5.2 Determine Pick-up and Drop-out Voltages at Higher Temperatures

Resistance values for conductors change with temperature based on the conductor's temperature coefficient of resistance ( $\alpha$ ). The formula for temperature effects on resistance is as follows (Ref 4.3):

$$R = R_{ref} \times [1 + \alpha \times (T - T_{ref})] \quad (\text{EQUATION 1})$$

Where,

R= Conductor resistance at temperature T (ohms)

R<sub>ref</sub> = Conductor resistance at T<sub>ref</sub>= 614 ohms (Enclosure 1 tested resistance @ 72 F)

T = Conductor temperature (Celsius)

T<sub>ref</sub> = Reference temperature= 22.2 C (Enclosure 1 test temperature of 72 F)

$\alpha$  = the temperature coefficient for copper= 0.004041 (Enclosure 2)

Knowing the constant current required (calculated in Section 5.1), allows use of the formula to determine the required pick-up and drop out voltages at higher temperatures. Section 6.0 provides a table of results calculated at various temperatures.

## 6.0 Results

The results of this analysis are as follows:

1. SRV Solenoid pick-up voltages are lower when the solenoid valve air block is supplied with pressure.
2. SRV Solenoid drop-out voltages are not significantly affected by solenoid valve air supply pressure.
3. The maximum required pickup and drop out voltages from testing two SRV solenoids at 72 F can be extended to higher temperatures. The results are shown below:

**Table 1- Temperature Corrected Pickup and Drop-out voltages for SRV Solenoids**

Temperature		Temp Corrected Resistance (Equation 1)	Pick-Up Current (Section 5.1)	Drop-Out Current (Section 5.1)	Pick-Up ( $V=I \times R$ )	Drop-Out ( $V=I \times R$ )	Notes
deg F	deg C	ohms	amps	amps	VDC	VDC	
72.0	22.2	614.0	0.097	0.023	60.1	13.6	Ref. Test Temperature (Enclosure 1)
131.0	55.0	695.4	0.097	0.023	67.5	16.0	
212.0	100.0	807.0	0.097	0.023	78.3	18.6	
300.0	148.9	928.4	0.097	0.023	90.1	21.4	
330.0	165.6	969.7	0.097	0.023	94.1	22.3	EQ Accident Temperature (Ref 4.2)

## 7.0 Conclusions

The SRV solenoid pick-up and drop-out voltages determined in Table 1 above are based on test data taken at room temperature and extrapolated to higher temperatures. These voltages could be used to assess the capability of the solenoids to actuate at depleted battery voltages for non-design basis evaluations.

## 8.0 Enclosures

1. Test Results and Setup from NWS Testing on 11/8/18
2. Excerpt from All About Circuits Chapter 12- Physics of Conductors and Insulators

**Enclosure 1: Test Results and Setup from NWS Testing on 11/8/18**  
(Tested PO 01922580 and contract 00078389- Release# 00106)

**Clinton Power Station**  
**Dikkers MSSRV Solenoid Testing**

NWS Technologies, LLC performed pick-up and drop-out voltage test on a Dikkers SRV Air Block and Solenoid Assembly. Each SRV has 2 solenoids labeled as M1 and M2. The scope of work consisted of determining the lowest DC voltage at which the valve will pick-up and drop-out. Testing was performed on 11/8/2018 using a spare Clinton SRV. Data sheets will be provided separate from this report.

The valve was mounted to the repair stand. Voltage testing was performed with no pressure supplied to the air block. Starting at 0 VDC, voltage was increased until the solenoid activated. This was performed 3 times for each solenoid. Then voltage was set to 125VDC. With the solenoid energized, voltage was decreased until the solenoid deactivated. This was performed 3 times for each solenoid. Temperature and resistance were also measured during this test. Solenoid temperature remained between 71°F and 72°F. Resistance remained at 613  $\Omega$  and 614  $\Omega$  for each test.

**Results**

**M1 - Pick-up voltage, not pressurized**

Run #1 – 51.4 VDC  
Run #2 – 51.9 VDC  
Run #3 – 51.6 VDC

**M1 - Drop-out voltage, not pressurized**

Run #1 – 12.7 VDC  
Run #2 – 12.8 VDC  
Run #3 – 12.4 VDC

**M2 - Pick-up voltage, not pressurized**

Run #1 – 60.1 VDC  
Run #2 – 58.8 VDC  
Run #3 – 58.2 VDC

**M2 - Drop-out voltage, not pressurized**

Run #1 – 12.4 VDC  
Run #2 – 12.6 VDC  
Run #3 – 12.9 VDC

The air manifold was then mounted to the air valve and pressure was supplied using gaseous N2. Testing pressure was set at 165 psig. Starting at 0 VDC, voltage was increased until the solenoid activated. This was performed 3 times for each solenoid. Then voltage was increased to 125VDC. Voltage was decreased until the solenoid deactivated. This was performed 3 times for each solenoid. Temperature and resistance were also measured during this test. Solenoid temperature remained at 72°F. Resistance remained at 614  $\Omega$  for each test.

**Results**

**M1 - Pick-up voltage @ 165 psig**

Run #1 – 41.0 VDC  
Run #2 – 42.0 VDC  
Run #3 – 42.0 VDC

**M1 - Drop-out voltage @ 165 psig**

Run #1 – 12.6 VDC  
Run #2 – 12.5 VDC  
Run #3 – 13.0 VDC

**M2 - Pick-up voltage @ 165 psig**

Run #1 – 45.0 VDC  
Run #2 – 45.0 VDC  
Run #3 – 44.8 VDC

**M2 - Drop-out voltage @ 165 psig**

Run #1 – 12.7 VDC  
Run #2 – 13.6 VDC  
Run #3 – 12.8 VDC

All testing was performed outside of the NWS QA program and final certification of the valve / solenoid will be performed at a later date.

John Reese  
NWS Operations  
11/8/18

**Enclosure 1: Test Results and Setup from NWS Testing on 11/8/18**

Clinton Dikkers MSSRV Voltage Test Data

M1 Pick-up	VDC	T (*F)	R ( $\Omega$ )	PSIG
Run 1	51.4	71	614	0
Run 2	51.9	71	614	0
Run 3	51.6	71	614	0

M1 Drop-out	VDC	T (*F)	R ( $\Omega$ )	PSIG
Run 1	12.7	71	614	0
Run 2	12.8	71	614	0
Run 3	12.4	71	614	0

M2 Pick-up	VDC	T (*F)	R ( $\Omega$ )	PSIG
Run 1	60.1	71	613	0
Run 2	58.8	72	614	0
Run 3	58.2	72	614	0

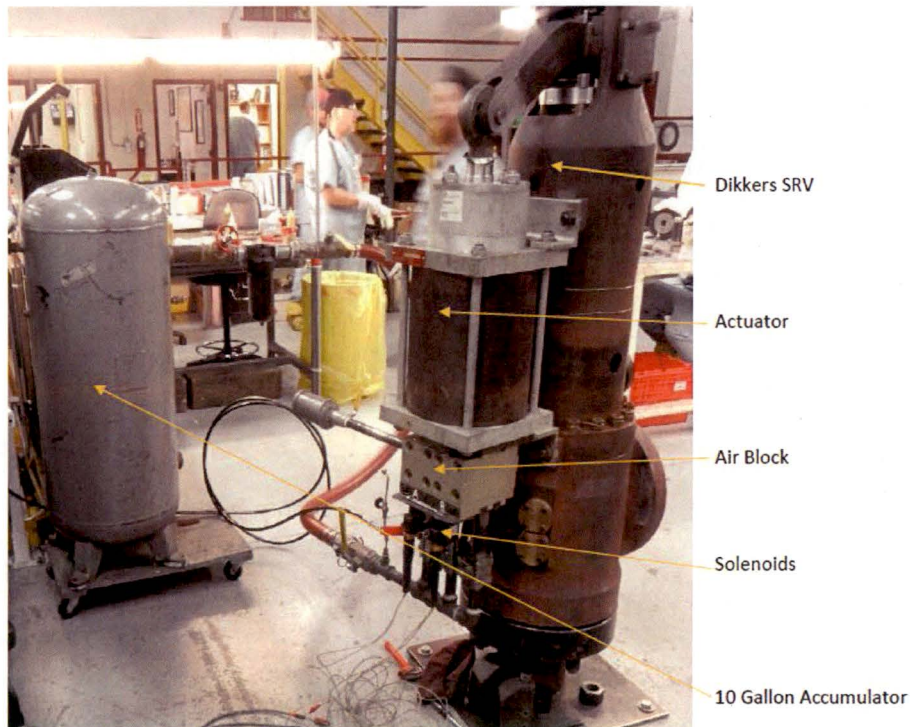
M2 Drop-out	VDC	T (*F)	R ( $\Omega$ )	PSIG
Run 1	12.4	72	614	0
Run 2	12.6	72	614	0
Run 3	12.9	72	614	0

M1 Pick-up	VDC	T (*F)	R ( $\Omega$ )	PSIG
Run 1	41.0	72	614	165
Run 2	42.0	72	614	165
Run 3	42.0	72	614	165

M1 Drop-out	VDC	T (*F)	R ( $\Omega$ )	PSIG
Run 1	12.6	72	614	165
Run 2	12.5	72	614	165
Run 3	13.0	72	614	165

M2 Pick-up	VDC	T (*F)	R ( $\Omega$ )	PSIG
Run 1	45.0	72	614	165
Run 2	45.0	72	614	165
Run 3	44.8	72	614	165

M2 Drop-out	VDC	T (*F)	R ( $\Omega$ )	PSIG
Run 1	12.7	72	614	165
Run 2	13.6	72	614	165
Run 3	12.8	72	614	165



## Enclosure 2: Excerpt from All About Circuits Chapter 12- Physics of Conductors and Insulators

# Temperature Coefficient of Resistance

## Chapter 12 - Physics Of Conductors And Insulators

You might have noticed on the table for specific resistances that all figures were specified at a temperature of 20° Celsius. If you suspected that this meant specific resistance of a material may change with temperature, you were right!

Resistance values for conductors at any temperature other than the standard temperature (usually specified at 20 Celsius) on the specific resistance table must be determined through yet another formula:

$$R = R_{ref} [1 + \alpha(T - T_{ref})]$$

Where,

$R$  = Conductor resistance at temperature "T"

$R_{ref}$  = Conductor resistance at reference temperature  
 $T_{ref}$ , usually 20° C, but sometimes 0° C.

$\alpha$  = Temperature coefficient of resistance for the conductor material.

$T$  = Conductor temperature in degrees Celcius.

$T_{ref}$  = Reference temperature that  $\alpha$  is specified at for the conductor material.

The "alpha" ( $\alpha$ ) constant is known as the *temperature coefficient of resistance*, and symbolizes the resistance change factor per degree of temperature change. Just as all materials have a certain specific resistance (at 20° C), they also *change* resistance according to temperature by certain amounts. For pure metals, this coefficient is a positive number, meaning that resistance *increases* with increasing temperature. For the elements carbon, silicon, and germanium, this coefficient is a negative number, meaning that resistance *decreases* with increasing temperature. For some metal alloys, the temperature coefficient of resistance is very close to zero, meaning that the resistance hardly changes at all with variations in temperature (a good property if you want to build a precision resistor out of metal wire!). The following table gives the temperature coefficients of resistance for several common metals, both pure and alloy:

TEMPERATURE COEFFICIENTS OF RESISTANCE, AT 20 DEGREES C		
Material	Element/Alloy	"alpha" per degree Celsius
Nickel -----	Element -----	0.005866
Iron -----	Element -----	0.005671
Molybdenum ----	Element -----	0.004579
Tungsten -----	Element -----	0.004403
Aluminum -----	Element -----	0.004308
Copper -----	Element -----	0.004041
Silver -----	Element -----	0.003819
Platinum -----	Element -----	0.003729
Gold -----	Element -----	0.003715
Zinc -----	Element -----	0.003847
Steel* -----	Alloy -----	0.003
Nichrome -----	Alloy -----	0.00017
Nichrome V -----	Alloy -----	0.00013
Manganin -----	Alloy -----	+/- 0.000015
Constantan -----	Alloy -----	-0.000074

\* = Steel alloy at 99.5 percent iron, 0.5 percent carbon