

**OPERATING DATA REPORT**

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 479-858-4438

1. Design Electrical Rating: 850.00  
 2. Maximum Dependable Capacity (MWe-Net) 836.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	104.03	6,655.03	324,349.35
4. Number of Hours Generator On-line	104.03	6,655.03	320,861.53
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	82,552.00	5,617,209.00	255,418,607.24

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
1R28	10/5/2019	S	639.97	C	1	1R28 Refueling Outage

**SUMMARY**

The Unit began the month of October at or near full power. On October 5, 2019 the Unit was taken offline for the 1R28 Refueling Outage and remained offline for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 4798584438

1. Design Electrical Rating: 850.00  
 2. Maximum Dependable Capacity (MWe-Net) 836.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	311.83	6,966.86	324,661.18
4. Number of Hours Generator On-line	245.12	6,900.15	321,106.65
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	192,421.00	5,809,630.00	255,611,028.24

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1R28	10/5/2019	S	475.88	C	4	1R28 Refueling Outage

**SUMMARY**

The Unit began the month of November offline for the 1R28 Refueling Outage. On November 18, 2018, the Unit returned to power. On November 22, 2019, the Unit was at or near full power. The Unit operated at or near full power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 4798584438

1. Design Electrical Rating:	850.00		
2. Maximum Dependable Capacity (MWe-Net)	836.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,710.86	325,405.18
4. Number of Hours Generator On-line	744.00	7,644.15	321,850.65
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	638,017.00	6,447,647.00	256,249,045.24

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

The Unit operated at or near full power for the entire month of December.

OPERATING DATA REPORT

DOCKET: 368

UNIT\_NME: ANO Unit 2

RPT\_PERIOD: 201910

PREPARER NAME: Michael K. Hall

PREPARER TELEPHONE: 479-858-4438

1. Design Electrical Rating:	1032.00		
2. Maximum Dependable Capacity (MWe-Net)	988.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,762.80	293,501.38
4. Number of Hours Generator On-line	744.00	5,751.95	290,579.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	745,200.00	5,687,896.00	265,885,842.00

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				

SUMMARY

The Unit operated at or near full power for the entire month of October.

**OPERATING DATA REPORT**

DOCKET: 368  
 UNIT\_NME: ANO Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 4798584438

1. Design Electrical Rating:	1032.00		
2. Maximum Dependable Capacity (MWe-Net)	988.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,483.80	294,222.38
4. Number of Hours Generator On-line	721.00	6,472.95	291,300.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	726,354.00	6,414,250.00	266,612,196.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

The Unit operated at or near full power for the entire month of November.

OPERATING DATA REPORT

DOCKET: 368

UNIT\_NME: ANO Unit 2

RPT\_PERIOD: 201912

PREPARER NAME: Michael K. Hall

PREPARER TELEPHONE: 4798584438

1. Design Electrical Rating:	1032.00		
2. Maximum Dependable Capacity (MWe-Net)	988.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,227.80	294,966.38
4. Number of Hours Generator On-line	744.00	7,216.95	292,044.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	749,390.00	7,163,640.00	267,361,586.00

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				

SUMMARY

The Unit operated at or near full power for the entire month of December.

**OPERATING DATA REPORT**

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	963.00		
2. Maximum Dependable Capacity (MWe-Net)	908.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	288.43	6,839.43	297,350.03
4. Number of Hours Generator On-line	288.22	6,839.22	294,392.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	191,093.00	6,172,787.00	239,569,212.80

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1	10/13/2019	S	455.78	C	1	Refueling Outage

**SUMMARY**

The end of cycle fuel coastdown continued until 10/12/19. Then BVPS-1 reduced power to <60% to perform planned Main Steam Safety Valve Testing followed by shutting down for the 26th refueling outage (1R26) on 10/13/19.

**OPERATING DATA REPORT**

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating: 963.00  
 2. Maximum Dependable Capacity (MWe-Net) 908.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	628.65	7,468.08	297,978.68
4. Number of Hours Generator On-line	610.02	7,449.24	295,002.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	541,820.00	6,714,607.00	240,111,032.80

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1	10/13/2019	S	110.98	C	4	Refueling Outage

**SUMMARY**

BVPS-1 began the month shutdown in Mode 5 during its 26th refueling outage (1R26). On 11/4/19 at 0535 during startup from 1R26 while in Mode 1 but not yet synchronized, the reactor was manually tripped due to indications of rising reactor power and an open Main Steam Safety Valve following a Condenser Steam Dump transient. BVPS-1 completed the refueling outage (1R26) on 11/5/19, synchronizing to the electrical grid at 1359 hours. Full power was achieved on 11/10/19 at 1230 hours. On 11/27/19, the Unit was forced to reduce power to approximately 98% to repair the 1st Point Feedwater Heater Normal Level Control Valve that had failed shut due to an airline failure.



**OPERATING DATA REPORT**

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	963.00		
2. Maximum Dependable Capacity (MWe-Net)	908.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,212.08	298,722.68
4. Number of Hours Generator On-line	744.00	8,193.24	295,746.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	702,294.00	7,416,901.00	240,813,326.80

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      BVPS-1 operated at 100% power for the entire month except for a small downpower to approximately 98% to repair Level Control Valve [LCV-1SD-100D] on 12/23/19.

OPERATING DATA REPORT

DOCKET: 412

UNIT\_NME: Beaver Valley Unit 2

RPT\_PERIOD: 201910

PREPARER NAME: David T. Jones

PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	960.00		
2. Maximum Dependable Capacity (MWe-Net)	905.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	247,557.74
4. Number of Hours Generator On-line	744.00	7,295.00	246,491.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	683,765.50	6,680,758.50	206,575,936.00

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				

SUMMARY

BVPS-2 operated at full power the entire month of October.

**OPERATING DATA REPORT**

DOCKET: 412  
 UNIT\_NME: Beaver Valley Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	960.00		
2. Maximum Dependable Capacity (MWe-Net)	905.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	248,278.74
4. Number of Hours Generator On-line	721.00	8,016.00	247,212.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	668,686.00	7,349,444.50	207,244,622.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

BVPS-2 operated the entire month at full power with the exception of a planned downpower to approximately 97% for planned Turbine Valve Testing on 11/16/19.

OPERATING DATA REPORT

DOCKET: 412

UNIT\_NME: Beaver Valley Unit 2

RPT\_PERIOD: 201912

PREPARER NAME: David T. Jones

PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	960.00		
2. Maximum Dependable Capacity (MWe-Net)	905.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	249,022.74
4. Number of Hours Generator On-line	744.00	8,760.00	247,956.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	690,125.00	8,039,569.50	207,934,747.00

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				

SUMMARY

BVPS-2 operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-779-2180

1. Design Electrical Rating: 1268.00  
 2. Maximum Dependable Capacity (MWe-Net) 1166.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	383.08	6,920.20	247,308.91
4. Number of Hours Generator On-line	367.85	6,896.43	246,082.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	398,013.00	8,197,075.00	279,886,522.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
A1R21	10/7/2019	S	376.15	C	1	A1R21 refueling outage

**SUMMARY**

The unit entered the month at reduced power due to a forced outage in Sept. The unit entered a planned refuel outage on 10/7/2019. The unit returned to power on 10/22/2019, and operated at full power for the remainder of the month. 10/1/2019, Unit trip 1B SG low level (Sept), 2,024 MWh Unplanned loss. 10/6/2019, Power reduction to Refuel outage A1R21, 2849 MWh planned/exempt loss. 10/7/2019, A1R21 Refuel Outage, 455,517.65 MWH planned/RFO loss. 10/22/2019. Power accession, 23,919 MWh planned/exempt loss.

**OPERATING DATA REPORT**

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-779-2180

1. Design Electrical Rating:	1268.00		
2. Maximum Dependable Capacity (MWe-Net)	1166.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,641.20	248,029.91
4. Number of Hours Generator On-line	721.00	7,617.43	246,803.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	880,516.00	9,077,591.00	280,767,038.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit operated at full power the entire month.

OPERATING DATA REPORT

DOCKET: 456

UNIT\_NME: Braidwood Unit 1

RPT\_PERIOD: 201912

PREPARER NAME: David Johnson

PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1268.00		
2. Maximum Dependable Capacity (MWe-Net)	1166.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,385.20	248,773.91
4. Number of Hours Generator On-line	744.00	8,361.43	247,547.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	908,734.00	9,986,325.00	281,675,772.00

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				

SUMMARY

The unit operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-779-2180

1. Design Electrical Rating:	1241.00		
2. Maximum Dependable Capacity (MWe-Net)	1144.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	251,479.71
4. Number of Hours Generator On-line	744.00	7,295.00	250,561.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	873,422.00	8,532,791.00	281,061,123.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power for the entire month, except for load following on 10/19 and 10/21 for a total of 3,356 MWh excluded losses.



OPERATING DATA REPORT

DOCKET: 457

UNIT\_NME: Braidwood Unit 2

RPT\_PERIOD: 201911

PREPARER NAME: David Johnson

PREPARER TELEPHONE: 815-779-2180

1. Design Electrical Rating:	1241.00		
2. Maximum Dependable Capacity (MWe-Net)	1144.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	252,200.71
4. Number of Hours Generator On-line	721.00	8,016.00	251,282.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	851,966.00	9,384,757.00	281,913,089.00

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

The unit operated at full power the entire month except for a planned/exempt Turbine Valve Test.

OPERATING DATA REPORT

DOCKET: 457

UNIT\_NME: Braidwood Unit 2

RPT\_PERIOD: 201912

PREPARER NAME: David Johnson

PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1241.00		
2. Maximum Dependable Capacity (MWe-Net)	1144.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	252,944.71
4. Number of Hours Generator On-line	744.00	8,760.00	252,026.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	880,058.00	10,264,815.00	282,793,147.00

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				

SUMMARY

The unit operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 259  
 UNIT\_NME: Browns Ferry Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1101.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	161,113.74
4. Number of Hours Generator On-line	744.00	7,295.00	158,980.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	935,528.30	9,025,254.30	163,548,338.51

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY No comment

**OPERATING DATA REPORT**

DOCKET: 259  
 UNIT\_NME: Browns Ferry Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1101.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	161,834.74
4. Number of Hours Generator On-line	721.00	8,016.00	159,701.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	891,135.30	9,916,389.60	164,439,473.81

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY No comment

**OPERATING DATA REPORT**

DOCKET: 259  
 UNIT\_NME: Browns Ferry Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1101.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	162,578.74
4. Number of Hours Generator On-line	744.00	8,760.00	160,445.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	940,910.30	10,857,299.90	165,380,384.11

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY No comment

**OPERATING DATA REPORT**

DOCKET: 260  
 UNIT\_NME: Browns Ferry Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1104.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	583.18	5,986.52	284,903.80
4. Number of Hours Generator On-line	561.93	5,935.95	281,384.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	643,797.30	6,625,675.40	292,400,932.81

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type F: Forced S: Scheduled</b>	<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
01	9/21/2019	S	182.07	B	4	U2 Midcycle Outage to perform condenser tube repairs and repair reactor feed pump oil leaks

SUMMARY No comment

**OPERATING DATA REPORT**

DOCKET: 260  
 UNIT\_NME: Browns Ferry Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1104.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,707.52	285,624.80
4. Number of Hours Generator On-line	721.00	6,656.95	282,105.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	918,462.30	7,544,137.70	293,319,395.11

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY No comment

**OPERATING DATA REPORT**

DOCKET: 260  
 UNIT\_NME: Browns Ferry Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1104.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,451.52	286,368.80
4. Number of Hours Generator On-line	744.00	7,400.95	282,849.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	904,606.30	8,448,744.00	294,224,001.41

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY No comment



**OPERATING DATA REPORT**

DOCKET: 296  
 UNIT\_NME: Browns Ferry Unit 3  
 RPT\_PERIOD: 201910

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1105.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,188.58	241,460.36
4. Number of Hours Generator On-line	744.00	7,169.30	239,260.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	930,442.30	8,855,761.10	254,010,065.74

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
SUMMARY		No comment				

**OPERATING DATA REPORT**

DOCKET: 296  
 UNIT\_NME: Browns Ferry Unit 3  
 RPT\_PERIOD: 201911

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1105.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	496.45	7,685.03	241,956.81
4. Number of Hours Generator On-line	477.67	7,646.97	239,737.71
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	522,523.30	9,378,284.40	254,532,589.04

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
01	11/16/2019	S	243.33	B	1	Midcycle Outage to Repair Steam Jet Air Ejector Steam Leak

SUMMARY No comment

**OPERATING DATA REPORT**

DOCKET: 296  
 UNIT\_NME: Browns Ferry Unit 3  
 RPT\_PERIOD: 201912

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1105.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,429.03	242,700.81
4. Number of Hours Generator On-line	744.00	8,390.97	240,481.71
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	935,569.30	10,313,853.70	255,468,158.34

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY No comment

**OPERATING DATA REPORT**

DOCKET: 325  
 UNIT\_NME: Brunswick Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 910-832-3006

1. Design Electrical Rating:	983.00		
2. Maximum Dependable Capacity (MWe-Net)	938.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,800.80	297,223.43
4. Number of Hours Generator On-line	744.00	6,747.75	291,752.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	707,871.00	6,347,147.00	242,638,295.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

**OPERATING DATA REPORT**

DOCKET: 325  
 UNIT\_NME: Brunswick Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 910-832-3006

1. Design Electrical Rating:	983.00		
2. Maximum Dependable Capacity (MWe-Net)	938.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,521.80	297,944.43
4. Number of Hours Generator On-line	721.00	7,468.75	292,473.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	680,728.00	7,027,875.00	243,319,023.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Performed Control Rod Sequence Exchange downpower with big valve testing and control rod drive maintenance.

**OPERATING DATA REPORT**

DOCKET: 325  
 UNIT\_NME: Brunswick Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 9108323006

1. Design Electrical Rating:	983.00		
2. Maximum Dependable Capacity (MWe-Net)	938.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,265.80	298,688.43
4. Number of Hours Generator On-line	744.00	8,212.75	293,217.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	716,375.00	7,744,250.00	244,035,398.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

**OPERATING DATA REPORT**

DOCKET: 324  
 UNIT\_NME: Brunswick Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 910-832-3006

1. Design Electrical Rating:	980.00		
2. Maximum Dependable Capacity (MWe-Net)	932.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,304.51	306,411.04
4. Number of Hours Generator On-line	744.00	6,225.02	299,065.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	698,709.00	5,593,108.00	239,546,032.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

**OPERATING DATA REPORT**

DOCKET: 324  
 UNIT\_NME: Brunswick Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 910-832-3006

1. Design Electrical Rating:	980.00		
2. Maximum Dependable Capacity (MWe-Net)	932.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,025.51	307,132.04
4. Number of Hours Generator On-line	721.00	6,946.02	299,786.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	683,038.00	6,276,146.00	240,229,070.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY



**OPERATING DATA REPORT**

DOCKET: 324  
 UNIT\_NME: Brunswick Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 9108323006

1. Design Electrical Rating:	980.00		
2. Maximum Dependable Capacity (MWe-Net)	932.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,769.51	307,876.04
4. Number of Hours Generator On-line	744.00	7,690.02	300,530.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	696,360.00	6,972,506.00	240,925,430.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

**OPERATING DATA REPORT**

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-779-2180

1. Design Electrical Rating:	1213.00		
2. Maximum Dependable Capacity (MWe-Net)	1157.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	269,783.41
4. Number of Hours Generator On-line	744.00	7,295.00	268,532.83
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	889,233.00	8,687,192.00	298,146,875.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power for the entire month except for load following on 10/21 resulting in a 2697 MWh excluded loss.

**OPERATING DATA REPORT**

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-779-2180

1. Design Electrical Rating:	1213.00		
2. Maximum Dependable Capacity (MWe-Net)	1157.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	270,504.41
4. Number of Hours Generator On-line	721.00	8,016.00	269,253.83
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	871,930.00	9,559,122.00	299,018,805.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1213.00		
2. Maximum Dependable Capacity (MWe-Net)	1157.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	271,248.41
4. Number of Hours Generator On-line	744.00	8,760.00	269,997.83
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	900,000.00	10,459,122.00	299,918,805.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-779-2180

1. Design Electrical Rating: 1186.40  
 2. Maximum Dependable Capacity (MWe-Net) 1127.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,930.85	262,614.83
4. Number of Hours Generator On-line	744.00	6,907.65	261,532.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	863,979.00	7,941,443.00	287,409,525.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

The unit operated at full power for the entire month except for load following on 10/14 (209 MWh excluded loss), 10/19 (3158 MWh excluded loss), and 10/21 (2592 MWh excluded loss),

**OPERATING DATA REPORT**

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-779-2180

1. Design Electrical Rating: 1186.40  
 2. Maximum Dependable Capacity (MWe-Net) 1127.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,651.85	263,335.83
4. Number of Hours Generator On-line	721.00	7,628.65	262,253.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	845,788.00	8,787,231.00	288,255,313.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      The unit operated at full power for the entire month.

OPERATING DATA REPORT

DOCKET: 455

UNIT\_NME: Byron Unit 2

RPT\_PERIOD: 201912

PREPARER NAME: David Johnson

PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1186.40		
2. Maximum Dependable Capacity (MWe-Net)	1127.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,395.85	264,079.83
4. Number of Hours Generator On-line	744.00	8,372.65	262,997.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	871,625.00	9,658,856.00	289,126,938.00

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				

SUMMARY

The unit operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: J. P. Kovar  
 PREPARER TELEPHONE: 314-225-1478

1. Design Electrical Rating:	1228.00		
2. Maximum Dependable Capacity (MWe-Net)	1190.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,179.97	273,887.45
4. Number of Hours Generator On-line	744.00	6,139.38	271,158.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	913,456.00	7,413,228.28	311,350,855.78

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The plant operated at essentially 100% power during the month of October 2019. Losses due to a change in feedwater flow measurement accuracy that continued into Cycle 24 are included in the unplanned energy loss value.



**OPERATING DATA REPORT**

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: J. P. Kovar  
 PREPARER TELEPHONE: 314-225-1478

1. Design Electrical Rating: 1228.00  
 2. Maximum Dependable Capacity (MWe-Net) 1190.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,900.97	274,608.45
4. Number of Hours Generator On-line	721.00	6,860.38	271,879.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	892,819.00	8,306,047.28	312,243,674.78

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

The plant operated at essentially 100% power during the month of November 2019. Losses due to a change in feedwater flow measurement accuracy that continued into Cycle 24 are included in the unplanned energy loss value.

**OPERATING DATA REPORT**

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: J. P. Kovar  
 PREPARER TELEPHONE: 314-225-1478

1. Design Electrical Rating:	1228.00		
2. Maximum Dependable Capacity (MWe-Net)	1190.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,644.97	275,352.45
4. Number of Hours Generator On-line	744.00	7,604.38	272,623.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	921,716.73	9,227,764.01	313,165,391.51

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The plant operated at essentially 100% power during the month of December 2019. Losses due to a change in feedwater flow measurement accuracy that continued into Cycle 24 are included in the unplanned energy loss value.

**OPERATING DATA REPORT**

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 845.00  
 2. Maximum Dependable Capacity (MWe-Net) 877.10

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	323,411.09
4. Number of Hours Generator On-line	744.00	7,295.00	319,763.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	657,753.00	6,567,824.00	269,849,872.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

The unit operated the entire month at full power except for: 10/11/2019 2027 MWh Condenser Waterbox Cleaning (P, ORLF Exempt) 10/11/2019 10400 MWh CEA #35 Dropped into core (U) 10/24/2019 1268 MWh 11 HDT NLCV Repairs (U)

**OPERATING DATA REPORT**

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 845.00  
 2. Maximum Dependable Capacity (MWe-Net) 877.10

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	324,132.09
4. Number of Hours Generator On-line	721.00	8,016.00	320,484.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	660,354.00	7,228,178.00	270,510,226.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      The unit operated the entire month at full power.

**OPERATING DATA REPORT**

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 845.00  
 2. Maximum Dependable Capacity (MWe-Net) 877.10

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	324,876.09
4. Number of Hours Generator On-line	744.00	8,760.00	321,228.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	685,152.00	7,913,330.00	271,195,378.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
SUMMARY						The unit operated the entire month at full power, except for: 12/13/2019 415 MWh Condenser Tube Bulleting (Planned, Exempt)

**OPERATING DATA REPORT**

DOCKET: 318  
 UNIT\_NME: Calvert Cliffs Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	845.00		
2. Maximum Dependable Capacity (MWe-Net)	855.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,683.81	317,659.51
4. Number of Hours Generator On-line	744.00	6,642.92	315,369.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	654,602.00	5,793,895.00	264,751,598.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit operated the entire month at full power.

**OPERATING DATA REPORT**

DOCKET: 318  
 UNIT\_NME: Calvert Cliffs Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	845.00		
2. Maximum Dependable Capacity (MWe-Net)	855.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,404.81	318,380.51
4. Number of Hours Generator On-line	721.00	7,363.92	316,090.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	642,260.00	6,436,155.00	265,393,858.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit operated the entire month at full power.

**OPERATING DATA REPORT**

DOCKET: 318  
 UNIT\_NME: Calvert Cliffs Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	845.00		
2. Maximum Dependable Capacity (MWe-Net)	855.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,148.81	319,124.51
4. Number of Hours Generator On-line	744.00	8,107.92	316,834.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	663,426.00	7,099,581.00	266,057,284.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit operated the entire month at full power, except for: 12/28/2019 554 MWh Turbine Valve Testing (Planned, Exempt)



**OPERATING DATA REPORT**

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Sherry Andrews  
 PREPARER TELEPHONE: 803-701-3424

1. Design Electrical Rating: 1190.00  
 2. Maximum Dependable Capacity (MWe-Net) 1160.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	263,692.46
4. Number of Hours Generator On-line	744.00	7,295.00	261,345.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	865,118.00	8,524,065.00	295,169,942.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

Catawba Unit 1 began and concluded the month of October 2019 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

**OPERATING DATA REPORT**

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Douglas Brunson  
 PREPARER TELEPHONE: (803) 701-3865

1. Design Electrical Rating: 1190.00  
 2. Maximum Dependable Capacity (MWe-Net) 1160.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	264,413.46
4. Number of Hours Generator On-line	721.00	8,016.00	262,066.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	849,800.00	9,373,865.00	296,019,742.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

Catawba Unit 1 began and concluded the month of November 2019 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

**OPERATING DATA REPORT**

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Sherry Andrews  
 PREPARER TELEPHONE: (803) 701-3424

1. Design Electrical Rating:	1190.00		
2. Maximum Dependable Capacity (MWe-Net)	1160.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	265,157.46
4. Number of Hours Generator On-line	744.00	8,760.00	262,810.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	875,880.00	10,249,745.00	296,895,622.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Catawba Unit 1 began and concluded the month of December 2019 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

**OPERATING DATA REPORT**

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Sherry Andrews  
 PREPARER TELEPHONE: 803-701-3424

1. Design Electrical Rating: 1180.00  
 2. Maximum Dependable Capacity (MWe-Net) 1150.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	564.90	6,712.68	257,020.19
4. Number of Hours Generator On-line	543.08	6,690.48	255,090.08
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	604,357.00	7,634,115.00	288,298,993.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
C2R23	9/14/2019	S	200.92	C	4	Refueling

**SUMMARY**

Catawba Unit 2 began the month of October 2019 in Mode 6, with the End-of-Cycle 23 Refueling Outage in progress. Mode 5 was entered at 0435 on 10/2/19. Mode 4 was entered at 2356 on 10/6/19. Mode 3 was entered at 1453 on 10/7/19. Cycle 24 Reactor Startup was commenced (Mode 2 entered) at 1034 on 10/8/19. Criticality was achieved at a rod position of 187 Steps Withdrawn (Control Bank D) at 1106 on 10/8/19. At 1935, following completion of Zero Power Physics Testing, power escalation was commenced from 0% Full Power, with Mode 1 subsequently entered at 2038 on 10/8/19. Power escalation was halted at 15% Full Power at 2240 on 10/8/19 to place the Turbine/Generator on line. The Turbine/Generator was placed on line and power escalation commenced from 15% Full Power at 0253 on 10/9/19. At 0325 on 10/9/19, power escalation was halted at 16% Full Power for required Main Turbine Overspeed Trip Test soaking. At 0705 on 10/9/19, the Turbine/Generator was removed from service for performance of Main Turbine Overspeed Trip testing. The Turbine/Generator was placed back on line at 18% Full Power at 0907 on 10/9/19. At 0947 on 10/9/19, power escalation was halted at 19% Full Power to complete swap to Main Feedwater Nozzles. At 1104 on 10/9/19, power escalation was commenced from 25% Full Power. Power escalation was halted at 27% Full Power at 1130 on 10/9/19 for performance of 2BOC24 Power Ascension Testing (core flux mapping). Power escalation was commenced from 28% Full Power at 1556 on 10/9/19. Power escalation was suspended at 45% Full Power for secondary system chemistry balancing at 1805 on 10/9/19. Power escalation was resumed from 46% Full Power at 2021 on 10/9/19. At 0410 on 10/10/19, power escalation was suspended at 65% Full Power for performance of Main Turbine Stop Valve Testing. At 0516 on 10/10/19, power escalation was resumed from 66% Full Power. At 1016 on 10/10/19, power escalation was halted at 75% Full Power for performance of 2BOC24 Power Ascension Testing (core flux mapping). At 1358 on 10/10/19, power escalation was commenced from 75% Full Power. At 1555 on 10/10/19, power escalation was suspended at 80% Full Power for performance of Main Turbine Control Valve Testing. At 1640 on 10/10/19, power escalation was resumed from 80% Full Power. Power escalation was halted at 97% Full Power at 0023 on 10/11/19, for required hold per Fuel Maneuvering Limit Restrictions with Unconditioned Fuel; and to evaluate Reactor Coolant System Loop Full Power Delta Temperature constants for potential adjustment(s). Power Escalation was commenced from 97% Full Power at 0733 on 10/11/19. 100% Full Power was ultimately reached at 1403 on 10/11/19. At 1203 on 10/17/19, power reduction was commenced from 100% Full Power for tuning of 2HW-28 (2B2 Main Feedwater Heater to C2 Heater Drain Tank Valve). Power reduction was halted at 99% Full Power at 1309 on 10/17/19. At 1422 on 10/17/19, following completion of 2HW-28 tuning, power escalation was commenced from 99% Full Power. 100% Full Power was subsequently reached at 1631 on 10/17/19, and Unit 2 operated at or near 100% Full Power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Douglas Brunson  
 PREPARER TELEPHONE: (803) 701-3865

1. Design Electrical Rating:	1180.00		
2. Maximum Dependable Capacity (MWe-Net)	1150.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,433.68	257,741.19
4. Number of Hours Generator On-line	721.00	7,411.48	255,811.08
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	840,470.00	8,474,585.00	289,139,463.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

**SUMMARY**

Catawba Unit 2 began the month of November 2019 operating at or near 100% Full Power. At 0823 on 11/7/19, power reduction from 100% Full Power was commenced for tuning of 2HW-28 (2B2 Main Feedwater Heater to C2 Heater Drain Tank Valve) Power reduction was halted at 98% Full Power at 0954 on 11/7/19. At 1654 on 11/7/19, power escalation was commenced from 98% Full Power. 100% Full Power was subsequently reached at 2256 on 11/7/19, and Unit 2 operated at or near 100% Full Power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Sherry Andrews  
 PREPARER TELEPHONE: (803) 701-3424

1. Design Electrical Rating:	1180.00		
2. Maximum Dependable Capacity (MWe-Net)	1150.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,177.68	258,485.19
4. Number of Hours Generator On-line	744.00	8,155.48	256,555.08
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	869,277.00	9,343,862.00	290,008,740.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Catawba Unit 2 began and concluded the month of December 2019 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

**OPERATING DATA REPORT**

DOCKET: 461  
 UNIT\_NME: Clinton Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-779-2180

1. Design Electrical Rating: 1062.00  
 2. Maximum Dependable Capacity (MWe-Net) 1022.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	388.62	6,520.02	228,900.62
4. Number of Hours Generator On-line	348.97	6,435.42	225,496.29
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	316,497.00	6,802,737.00	220,709,767.89

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
C1R19	9/16/2019	S	395.03	C	4	None

**SUMMARY**

The unit entered the month in a planned refuel outage. 10/1/2019, C1R19 Refuel Outage, 159,534.5 MWh Planned/RFO loss. 10/6/2019, Unplanned Outage Extension, 291,274.7 MWh UOE loss. 10/17/2019, Power Accession, 48,961 MWh Planned/Exempt loss. 10/22/2019, Rod Pattern Adjustment, 229 MWh Planned/Exempt loss The unit operated at full power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 461  
 UNIT\_NME: Clinton Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-779-2180

1. Design Electrical Rating:	1062.00		
2. Maximum Dependable Capacity (MWe-Net)	1022.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,241.02	229,621.62
4. Number of Hours Generator On-line	721.00	7,156.42	226,217.29
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	782,809.00	7,585,546.00	221,492,576.89

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit operated at full power the entire month.



**OPERATING DATA REPORT**

DOCKET: 461  
 UNIT\_NME: Clinton Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1062.00		
2. Maximum Dependable Capacity (MWe-Net)	1022.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,985.02	230,365.62
4. Number of Hours Generator On-line	744.00	7,900.42	226,961.29
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	802,879.00	8,388,425.00	222,295,455.89

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power for the entire month, except for a sequence exchange on 12/15/2019, 242 MWe Planned/Exempt loss, Load following on 12/21/10 207 MWe loss Excluded, Sequence exchange on 12/21/2019 1429 MWe loss Planned/Exempt.

**OPERATING DATA REPORT**

DOCKET: 397  
 UNIT\_NME: Columbia Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Darla Johnson  
 PREPARER TELEPHONE: 509-377-4570

1. Design Electrical Rating:	1174.00		
2. Maximum Dependable Capacity (MWe-Net)	1131.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,388.70	251,821.24
4. Number of Hours Generator On-line	744.00	6,305.32	246,997.53
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	861,659.00	7,166,923.00	257,560,573.01

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Columbia operated at 100% through the entire month of October.

OPERATING DATA REPORT

DOCKET: 397

UNIT\_NME: Columbia Unit 2

RPT\_PERIOD: 201911

PREPARER NAME: Darla Johnson

PREPARER TELEPHONE: 509-377-4570

1. Design Electrical Rating:	1174.00		
2. Maximum Dependable Capacity (MWe-Net)	1131.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,109.70	252,542.24
4. Number of Hours Generator On-line	721.00	7,026.32	247,718.53
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	839,295.00	8,006,218.00	258,399,868.01

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

Columbia operated at 100% except for a downpower to 82% for control rod testing (Planned, Exempt).

**OPERATING DATA REPORT**

DOCKET: 397  
 UNIT\_NME: Columbia Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Darla Johnson  
 PREPARER TELEPHONE: 509-377-4570

1. Design Electrical Rating:	1174.00		
2. Maximum Dependable Capacity (MWe-Net)	1131.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,853.70	253,286.24
4. Number of Hours Generator On-line	744.00	7,770.32	248,462.53
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	860,280.59	8,866,498.59	259,260,148.60

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Columbia operated at 100% during the December 2019 except for a downpower to 61% for control rod sequence exchange, valve testing, and scram time testing (Planned, Exempt).

**OPERATING DATA REPORT**

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating:	1218.00		
2. Maximum Dependable Capacity (MWe-Net)	1205.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,461.15	232,979.16
4. Number of Hours Generator On-line	744.00	6,430.57	231,766.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	909,147.00	7,669,016.00	263,951,089.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 1 began the month at 100% reactor, 1260 MWe turbine power. 10/26/2019 16:05 Operators lowered turbine load 5 MWe to restore Steam Generator Blowdown following, following Train A slave relay test. Unit returned to 100% power same day. 10/31/2019 10:21 Operators lowered turbine load by 5 MWe to perform TDAFWP 1-01 Comprehensive testing. Unit returned to 100% power same day. Unit 1 ended the month at 100% reactor, 1278 MWe turbine power.

**OPERATING DATA REPORT**

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating:	1218.00		
2. Maximum Dependable Capacity (MWe-Net)	1205.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,182.15	233,700.16
4. Number of Hours Generator On-line	721.00	7,151.57	232,487.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	888,363.00	8,557,379.00	264,839,452.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Unit 1 began the month at 100% reactor, 1278 MWe turbine power. Unit 1 ended the month at 100% reactor, 1278 MWe turbine power.

**OPERATING DATA REPORT**

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating:	1218.00		
2. Maximum Dependable Capacity (MWe-Net)	1205.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,926.15	234,444.16
4. Number of Hours Generator On-line	744.00	7,895.57	233,231.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	915,420.00	9,472,799.00	265,754,872.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 1 began the month at 100% reactor, 1278 MWe turbine power. 12/10/2019 09:07 Operators lowered turbine load 2 MWe from 1277 MWe to 1275 MWe for the Plant computer modification due to less accurate power indications. Plant computer modification still in progress at the end of the month. Unit 1 ended the month at 100% reactor, 1270 MWe turbine power.

**OPERATING DATA REPORT**

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating:	1207.00		
2. Maximum Dependable Capacity (MWe-Net)	1195.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,894.69	210,763.24
4. Number of Hours Generator On-line	744.00	6,840.89	209,847.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	899,012.00	8,186,331.00	240,886,447.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 2 began the month at 100% reactor, 1248 MWe turbine power. 10/24/2019 10:57 Operators lowered turbine load 5MWe to perform TDAFWP 2-01 Comprehensive Testing. Unit returned to 100% power same day. 10/31/2019 19:25 Operators lowered turbine load 52 MWe due to inadvertent of TDAFWP 2-01, due to loose fuses. Unit returned to 100% power same day. Unit 2 ended the month at 100% reactor, 1263 MWe turbine power.



**OPERATING DATA REPORT**

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating:	1207.00		
2. Maximum Dependable Capacity (MWe-Net)	1195.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,615.69	211,484.24
4. Number of Hours Generator On-line	721.00	7,561.89	210,568.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	874,275.00	9,060,606.00	241,760,722.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 2 began the month at 100% reactor, 1263 MWe turbine power. 11/03/2019 19:10 Operators lowered turbine load 2 MWe from 1263 MWe to 1261 MWe due to Plant computer modification, and less accurate power indications. Plant computer modification still in progress at the end of the month. Unit 2 ended the month at 100% reactor, 1251 MWe turbine power.

**OPERATING DATA REPORT**

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating:	1207.00		
2. Maximum Dependable Capacity (MWe-Net)	1195.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,359.69	212,228.24
4. Number of Hours Generator On-line	744.00	8,305.89	211,312.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	904,747.00	9,965,353.00	242,665,469.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 2 began the month at 100% reactor, 1251 MWe turbine power. 12/10/2019 12:58 operators restored turbine power from the reduction that started in November 2019 due to the plant computer mod. Unit 2 ended the month at 100% reactor, 1261 MWe turbine power.

**OPERATING DATA REPORT**

DOCKET: 315  
 UNIT\_NME: Cook Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1084.00		
2. Maximum Dependable Capacity (MWe-Net)	1030.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,761.80	289,080.80
4. Number of Hours Generator On-line	744.00	5,742.60	285,897.75
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	753,558.00	5,771,509.00	278,544,703.40

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unplanned downpower to 54% RTP due to unisolatable leak on West MFP casing began on 9/29/2019 at 01:52, returned to full power on 10/3/2019 at 06:30. Main condenser waterboxes flushed on 10/12/2019. Circulating Water Pump #13 was removed from service on 10/16/2019, 10/22/2019 and 10/31/2019. Dual Heater Drain Pump trip occurred on 10/23/2019.

**OPERATING DATA REPORT**

DOCKET: 315  
 UNIT\_NME: Cook Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269.465.5901

1. Design Electrical Rating: 1084.00  
 2. Maximum Dependable Capacity (MWe-Net) 1030.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,482.80	289,801.80
4. Number of Hours Generator On-line	721.00	6,463.60	286,618.75
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	772,928.00	6,544,437.00	279,317,631.40

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      Circulating Water Pump #13 removed from service due to rough lake conditions on 11/1/19, 11/11/19, and 11/27/19.

**OPERATING DATA REPORT**

DOCKET: 315  
 UNIT\_NME: Cook Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1084.00		
2. Maximum Dependable Capacity (MWe-Net)	1030.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,226.80	290,545.80
4. Number of Hours Generator On-line	744.00	7,207.60	287,362.75
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	798,798.00	7,343,235.00	280,116,429.40

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Main Turbine Control Valve Testing started on 12/7/2019 at 20:14. Waterbox Flushing on 12/14/2019 at 09:14. Stuck FW Check Valve resulting in MSR Shell Drains to Main Condenser resulting in approximately 9 MWe continuous loss.

**OPERATING DATA REPORT**

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating: 1194.00  
 2. Maximum Dependable Capacity (MWe-Net) 1168.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	45.95	6,520.30	273,022.16
4. Number of Hours Generator On-line	45.95	6,508.65	268,505.76
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	21,424.00	7,612,451.00	278,935,591.60

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
244	10/2/2019	S	698.05	C	1	U2C25 Planned Refueling Outage

**SUMMARY**

U2C25 Planned refueling outage power hold for TREVI testing began on 9/30/2019 at 05:30. Rx/Gen trip on 10/2/2019 at 21:57.

**OPERATING DATA REPORT**

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269.465.5901

1. Design Electrical Rating: 1194.00  
 2. Maximum Dependable Capacity (MWe-Net) 1168.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	295.60	6,815.90	273,317.76
4. Number of Hours Generator On-line	274.15	6,782.80	268,779.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	299,071.00	7,911,522.00	279,234,662.60

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
244	10/2/2019	S	446.85	C	4	U2C25 Planned Refueling Outage

**SUMMARY**

'U2C25 Planned refueling outage began on 10/2/2019 at 21:57. Planned portion of the outage ended on 11/16/19 at 06:00. Rx taken critical on 11/18/19 at 16:24. Gen paralleled to grid on 11/19/19 at 13:51.

**OPERATING DATA REPORT**

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1194.00		
2. Maximum Dependable Capacity (MWe-Net)	1168.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,559.90	274,061.76
4. Number of Hours Generator On-line	744.00	7,526.80	269,523.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	905,136.00	8,816,658.00	280,139,798.60

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY	None.
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OPERATING DATA REPORT

DOCKET: 298

UNIT\_NME: Cooper Unit 1

RPT\_PERIOD: 201910

PREPARER NAME: Montgomery

PREPARER TELEPHONE: Montgomery

1. Design Electrical Rating:	815.00		
2. Maximum Dependable Capacity (MWe-Net)	768.88		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	327,597.88
4. Number of Hours Generator On-line	744.00	7,295.00	324,027.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	599,121.00	5,775,436.42	231,640,103.89

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
SUMMARY		None				

**OPERATING DATA REPORT**

DOCKET: 298  
 UNIT\_NME: Cooper Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: David Montgomery  
 PREPARER TELEPHONE: 402-825-2934

1. Design Electrical Rating: 815.00  
 2. Maximum Dependable Capacity (MWe-Net) 768.88

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	328,318.88
4. Number of Hours Generator On-line	721.00	8,016.00	324,748.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	576,456.00	6,351,892.42	232,216,559.89

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
SUMMARY		None				

**OPERATING DATA REPORT**

DOCKET: 298  
 UNIT\_NME: Cooper Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: David Montgomery  
 PREPARER TELEPHONE: 402-825-2934

1. Design Electrical Rating: 815.00  
 2. Maximum Dependable Capacity (MWe-Net) 768.88

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	329,062.88
4. Number of Hours Generator On-line	744.00	8,760.00	325,492.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	599,708.00	6,951,600.42	232,816,267.89

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY No Summary

**OPERATING DATA REPORT**

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: G. R. Munyan  
 PREPARER TELEPHONE: 330-436-1394

1. Design Electrical Rating:	908.00		
2. Maximum Dependable Capacity (MWe-Net)	894.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,194.97	271,050.81
4. Number of Hours Generator On-line	744.00	7,168.30	267,488.69
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	677,455.00	6,498,888.00	228,984,318.40

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

On October 12, 2019, a planned down power to approximately 97% power was conducted for Moderator Temperature Coefficient Measurement Testing. The unit remained at approximately full power the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: G. R. Munyan  
 PREPARER TELEPHONE: 330-436-1394

1. Design Electrical Rating:	908.00		
2. Maximum Dependable Capacity (MWe-Net)	894.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,915.97	271,771.81
4. Number of Hours Generator On-line	721.00	7,889.30	268,209.69
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	659,759.00	7,158,647.00	229,644,077.40

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit remained at approximately full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: G. R. Munyan  
 PREPARER TELEPHONE: 330-436-1394

1. Design Electrical Rating:	908.00		
2. Maximum Dependable Capacity (MWe-Net)	894.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,659.97	272,515.81
4. Number of Hours Generator On-line	744.00	8,633.30	268,953.69
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	680,811.00	7,839,458.00	230,324,888.40

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

On December 14 and 15, 2019, a planned down power to approximately 96% power was conducted to support Control Rod Exercise Testing. The plant remained at approximately 100% power the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 275  
 UNIT\_NME: Diablo Canyon Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Rama Thatipamala  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating: 1138.00  
 2. Maximum Dependable Capacity (MWe-Net) 1122.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,465.47	270,371.39
4. Number of Hours Generator On-line	744.00	6,421.24	268,139.15
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	844,906.00	7,248,491.00	288,324,336.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      Diablo Canyon Unit 1 operated at approximately 100 percent reactor power for the month of October 2019.

**OPERATING DATA REPORT**

DOCKET: 275  
 UNIT\_NME: Diablo Canyon Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: R Thatipamala  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating:	1138.00		
2. Maximum Dependable Capacity (MWe-Net)	1122.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,186.47	271,092.39
4. Number of Hours Generator On-line	721.00	7,142.24	268,860.15
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	812,759.00	8,061,250.00	289,137,095.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Diablo Canyon Unit 1 operated at approximately 100 percent reactor power for the month of November 2019.



**OPERATING DATA REPORT**

DOCKET: 275  
 UNIT\_NME: Diablo Canyon Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: R. Thatipamala  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating: 1138.00  
 2. Maximum Dependable Capacity (MWe-Net) 1122.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,930.47	271,836.39
4. Number of Hours Generator On-line	744.00	7,886.24	269,604.15
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	809,918.00	8,871,168.00	289,947,013.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

Diablo Canyon Unit 1 operated at approximately 100 percent reactor power for the month of December 2019, except for 1) a reduction to approximately 55 percent December 8 through December 11 for condenser cleaning, and 2) a reduction to approximately 89 percent on December 21 as requested from Grid Control Center due to a grid issue.

**OPERATING DATA REPORT**

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Rama Thatipamala  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating: 1151.00  
 2. Maximum Dependable Capacity (MWe-Net) 1118.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	0.00	6,335.03	266,140.03
4. Number of Hours Generator On-line	0.00	6,335.02	264,070.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	7,037,172.00	284,741,282.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1	9/22/2019	S	744.00	C	4	No corrective action related to the shutdown are noted.

**SUMMARY**

Diablo Canyon Unit 2 began refueling outage 21 on September 22, 2019 which is in progress.

**OPERATING DATA REPORT**

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Rama Thatipamala  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating: 1151.00  
 2. Maximum Dependable Capacity (MWe-Net) 1118.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	9.75	6,344.78	266,149.78
4. Number of Hours Generator On-line	0.00	6,335.02	264,070.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	7,037,172.00	284,741,282.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1	9/22/2019	S	721.00	C	4	No corrective action related to the shutdown are noted.

**SUMMARY**

Diablo Canyon Unit 2 began refueling outage 21 on September 22, 2019 which is in progress.

**OPERATING DATA REPORT**

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: R Thatipamala  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating: 1151.00  
 2. Maximum Dependable Capacity (MWe-Net) 1118.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	464.33	6,809.11	266,614.11
4. Number of Hours Generator On-line	329.32	6,664.34	264,400.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	312,951.00	7,350,123.00	285,054,233.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1	9/22/2019	S	414.68	C	4	No corrective action related to the shutdown are noted.

**SUMMARY**

Diablo Canyon Unit 2 refueling outage 21 was completed on December 18, 2019. It achieved full power on December 22, 2019.

**OPERATING DATA REPORT**

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating: 894.00  
 2. Maximum Dependable Capacity (MWe-Net) 870.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	648.53	7,139.76	356,587.70
4. Number of Hours Generator On-line	648.02	7,126.10	347,121.38
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	454,820.00	6,264,001.00	260,918,529.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
D2R26	10/28/2019	S	95.98	C	1	None

**SUMMARY**

The unit was in coastdown, 140763.8 MWh (Excluded), Power Decession occurred on 10/27/2019, 1482.8 MWh planned/exempt loss, and planned refuel outage, D2R26, started on 10/28/19, 88813.1 MWh.

**OPERATING DATA REPORT**

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating: 894.00  
 2. Maximum Dependable Capacity (MWe-Net) 870.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	396.83	7,536.59	356,984.53
4. Number of Hours Generator On-line	381.77	7,507.87	347,503.15
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	327,835.00	6,591,836.00	261,246,364.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
D2R26	10/28/2019	S	339.23	C	4	None

**SUMMARY**

The unit was in a refueling outage to November 15, 312967 MWh (RFO) and on November 15 Power Accession occurred, 16419.0 MWh planned/exempt loss, was completed. On November 17, the unit had to take downpower due to 2D3 Feedwater Heater issue, 12770 MWh unplanned losses. The unit power was restored on November 24 and operated at or near full power the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating: 894.00  
 2. Maximum Dependable Capacity (MWe-Net) 870.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	634.77	8,171.36	357,619.30
4. Number of Hours Generator On-line	621.08	8,128.95	348,124.23
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	547,328.00	7,139,164.00	261,793,692.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type F: Forced S: Scheduled</b>	<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
D2F59	12/27/2019	F	119.93	A	1	Increasing trend in hydrogen concentration in Stator Water system. Conducted maintenance to repair hydrogen leak.
D2F58	12/10/2019	F	2.98	A	5	Turbine taken offline to support moisture separator drain tank de-superheat line repairs.

**SUMMARY**

The unit operated at full power for the entire month except for the forced Outage on December 9, due to Drywall Leakage 32560 MWh Unplanned and on December 26 due to Generator Leak Repair (D2F59) 113131 MWh Unplanned Losses. Additionally, Rod Pattern Adjustment on December 14 for 1685 Planned/exempt losses and another Rod Pattern Adjustment on December 21 for 1419 MWh Planned/exempt Losses. The unit ended the month in an outage.

**OPERATING DATA REPORT**

DOCKET: 249  
 UNIT\_NME: Dresden Unit 3  
 RPT\_PERIOD: 201910

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	879.00		
2. Maximum Dependable Capacity (MWe-Net)	869.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	344,755.90
4. Number of Hours Generator On-line	744.00	7,209.88	336,033.20
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	680,306.00	6,581,594.00	252,885,558.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

The unit operated at full power the entire month, except for load following on October 2, 69.5 MWh excluded losses.



OPERATING DATA REPORT

DOCKET: 249

UNIT\_NME: Dresden Unit 3

RPT\_PERIOD: 201911

PREPARER NAME: M. Mohammed

PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	879.00		
2. Maximum Dependable Capacity (MWe-Net)	869.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	345,476.90
4. Number of Hours Generator On-line	721.00	7,930.88	336,754.20
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	675,107.00	7,256,701.00	253,560,665.00

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				

SUMMARY

The unit operated at full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 249  
 UNIT\_NME: Dresden Unit 3  
 RPT\_PERIOD: 201912

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	879.00		
2. Maximum Dependable Capacity (MWe-Net)	869.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	346,220.90
4. Number of Hours Generator On-line	744.00	8,674.88	337,498.20
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	686,180.00	7,942,881.00	254,246,845.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power the entire month, exempt for Sequence Exchange on December 3, 958 MWh planned/exempt Losses and downpower due to 3D3 Feedwater Heater Repair on December 4, 6547 MWh unplanned losses.

**OPERATING DATA REPORT**

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating:	621.90		
2. Maximum Dependable Capacity (MWe-Net)	601.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,257.90	332,621.10
4. Number of Hours Generator On-line	744.00	7,246.75	327,453.52
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	451,258.40	4,340,328.90	168,890,137.29

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The reactor operating at full power during the month of October with the exception of a planned derate on October 23rd for a High Pressure Coolant Injection surveillance combined with a loadline adjustment.

**OPERATING DATA REPORT**

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating:	621.90		
2. Maximum Dependable Capacity (MWe-Net)	601.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,978.90	333,342.10
4. Number of Hours Generator On-line	721.00	7,967.75	328,174.52
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	439,593.00	4,779,921.90	169,329,730.29

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

All losses of November, 2019 were planned. They were related to the November 2 quarterly downpower for a sequence exchange and surveillances, as well as subsequent loadline adjustments.

**OPERATING DATA REPORT**

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating:	621.90		
2. Maximum Dependable Capacity (MWe-Net)	601.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,722.90	334,086.10
4. Number of Hours Generator On-line	744.00	8,711.75	328,918.52
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	455,798.50	5,235,720.40	169,785,528.79

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

The only generation loss in December was a planned loadline adjustment on December 30.

**OPERATING DATA REPORT**

DOCKET: 348  
 UNIT\_NME: Farley Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 1-334-814-4617

1. Design Electrical Rating: 854.00  
 2. Maximum Dependable Capacity (MWe-Net) 874.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	199.27	6,575.49	317,316.25
4. Number of Hours Generator On-line	175.18	6,529.55	314,056.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	104,315.00	5,686,746.00	258,227,330.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
240	9/29/2019	S	568.82	C	4	Refueling outage

SUMMARY 1R29 Outage & return to 100% / outage extension / hold for unplanned change in turbine load

**OPERATING DATA REPORT**

DOCKET: 348  
 UNIT\_NME: Farley Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 1-334-814-4617

1. Design Electrical Rating:	854.00		
2. Maximum Dependable Capacity (MWe-Net)	874.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,296.49	318,037.25
4. Number of Hours Generator On-line	721.00	7,250.55	314,777.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	648,228.00	6,334,974.00	258,875,558.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Unit 1 remained at app. 100% during the month of November.

**OPERATING DATA REPORT**

DOCKET: 348  
 UNIT\_NME: Farley Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 1-334-814-4617

1. Design Electrical Rating:	854.00		
2. Maximum Dependable Capacity (MWe-Net)	874.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,040.49	318,781.25
4. Number of Hours Generator On-line	744.00	7,994.55	315,521.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	668,220.00	7,003,194.00	259,543,778.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Unit 1 maintained app. 100% power throughout the month of December.



**OPERATING DATA REPORT**

DOCKET: 364  
 UNIT\_NME: Farley Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 1-334-814-4617

1. Design Electrical Rating: 855.00  
 2. Maximum Dependable Capacity (MWe-Net) 883.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,663.87	301,172.39
4. Number of Hours Generator On-line	744.00	6,627.35	298,364.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	661,973.00	5,816,808.00	247,781,432.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY Unit remained at 100% power throughout the month.

**OPERATING DATA REPORT**

DOCKET: 364  
 UNIT\_NME: Farley Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 1-334-814-4617

1. Design Electrical Rating: 855.00  
 2. Maximum Dependable Capacity (MWe-Net) 883.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,384.87	301,893.39
4. Number of Hours Generator On-line	721.00	7,348.35	299,085.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	648,746.00	6,465,554.00	248,430,178.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY

Unit 2 has remained at app. 100% during the month of November.

**OPERATING DATA REPORT**

DOCKET: 364  
 UNIT\_NME: Farley Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 1-334-814-4617

1. Design Electrical Rating: 855.00  
 2. Maximum Dependable Capacity (MWe-Net) 883.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,128.87	302,637.39
4. Number of Hours Generator On-line	744.00	8,092.35	299,829.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	668,214.00	7,133,768.00	249,098,392.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      Unit 2 maintained app. 100% power throughout the month of December.

**OPERATING DATA REPORT**

DOCKET: 341  
 UNIT\_NME: Fermi Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: E. Sorg  
 PREPARER TELEPHONE: 734-586-5408

1. Design Electrical Rating:	1150.00		
2. Maximum Dependable Capacity (MWe-Net)	1095.70		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	228,964.77
4. Number of Hours Generator On-line	744.00	7,278.05	223,535.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	849,237.00	8,207,391.00	231,816,188.92

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit operated at full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 341  
 UNIT\_NME: Fermi Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: E. Sorg  
 PREPARER TELEPHONE: 734-586-5408

1. Design Electrical Rating:	1150.00		
2. Maximum Dependable Capacity (MWe-Net)	1095.70		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	229,685.77
4. Number of Hours Generator On-line	721.00	7,999.05	224,256.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	833,658.00	9,041,049.00	232,649,846.92

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit operated at full power (excluding minor power changes for surveillance testing) with no exceptions.

**OPERATING DATA REPORT**

DOCKET: 341  
 UNIT\_NME: Fermi Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: E. Sorg  
 PREPARER TELEPHONE: 734-586-5408

1. Design Electrical Rating:	1150.00		
2. Maximum Dependable Capacity (MWe-Net)	1095.70		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	230,429.77
4. Number of Hours Generator On-line	744.00	8,743.05	225,000.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	845,211.00	9,886,260.00	233,495,057.92

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power the entire month with the following exceptions: --12/4/19 2100 to 2300: Planned, not exempt downpower to 90% reactor power for HCU maintenance. --12/6/19 2100 to 12/7/19 1804: Planned, exempt downpower to 75% reactor power for Rod Pattern Adjustment. --12/7/19 2125 to 12/9/19 1618: Unplanned, not exempt downpower to 90% reactor power for #3 HPCV issues.

**OPERATING DATA REPORT**

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	816.00		
2. Maximum Dependable Capacity (MWe-Net)	813.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	321,010.71
4. Number of Hours Generator On-line	744.00	7,295.00	314,809.06
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	625,984.00	6,113,187.00	243,591,505.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The Station began the month of October at full power. There was a planned down power on 10/19/2019 for a control rod pattern adjustment and turbine testing resulting in a loss of 2032 MWhr. The Station ended the month of October at full power and the net output was 625984 MWhrs

**OPERATING DATA REPORT**

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	816.00		
2. Maximum Dependable Capacity (MWe-Net)	813.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	321,731.71
4. Number of Hours Generator On-line	721.00	8,016.00	315,530.06
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	610,768.00	6,723,955.00	244,202,273.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The Station began the month of November at full power. There were no planned or unplanned energy losses during the month of November. The Station ended the month of November at full power and the net output was 610768 MWHrs



**OPERATING DATA REPORT**

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: J M Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	816.00		
2. Maximum Dependable Capacity (MWe-Net)	813.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	322,475.71
4. Number of Hours Generator On-line	744.00	8,760.00	316,274.06
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	630,254.00	7,354,209.00	244,832,527.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The Station began the month of December at full power. There were 9.2 MWh planned/exempt and no unplanned energy losses during the month of December. - 12/10/2019 - 9.2 MWh for planned/exempt HPCI Testing The Station ended the month of December at full power

**OPERATING DATA REPORT**

DOCKET: 244  
 UNIT\_NME: Ginna Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 585.00  
 2. Maximum Dependable Capacity (MWe-Net) 560.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,255.48	379,578.11
4. Number of Hours Generator On-line	744.00	7,248.17	375,987.83
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	429,922.00	4,143,983.00	184,814,928.07

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      The unit operated the entire month at full power.

**OPERATING DATA REPORT**

DOCKET: 244  
 UNIT\_NME: Ginna Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 585.00  
 2. Maximum Dependable Capacity (MWe-Net) 560.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,976.48	380,299.11
4. Number of Hours Generator On-line	721.00	7,969.17	376,708.83
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	417,947.00	4,561,930.00	185,232,875.07

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY

The unit operated the entire month at full power, except for: GIN 11/22/2019 420 MWh MSR 2B Level Control Failed Open (Unplanned)

**OPERATING DATA REPORT**

DOCKET: 244  
 UNIT\_NME: Ginna Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 585.00  
 2. Maximum Dependable Capacity (MWe-Net) 560.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,720.48	381,043.11
4. Number of Hours Generator On-line	744.00	8,713.17	377,452.83
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	431,763.00	4,993,693.00	185,664,638.07

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

The unit operated the entire month at full power, except for: GIN 12/1/2019 272 MWh MSR 2B Level Control Failed Open, Continued (Unplanned) GIN 12/10/2019 72 MWh AFW Testing (Planned, Exempt)

**OPERATING DATA REPORT**

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: G. Evans  
 PREPARER TELEPHONE: 6014376351

1. Design Electrical Rating:	1485.00		
2. Maximum Dependable Capacity (MWe-Net)	1428.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,110.70	266,125.84
4. Number of Hours Generator On-line	744.00	7,032.70	260,180.14
5. Reserve Shutdown Hours	0.00	0.00	243.00
6. Net Electrical energy Generated (MWHrs)	1,054,461.00	9,644,584.00	314,257,554.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      During the month of October, GGNS had (2) planned, exempt losses for rod pattern improvement totaling 14,096 MWe.

**OPERATING DATA REPORT**

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: G. Evans  
 PREPARER TELEPHONE: 6014376351

1. Design Electrical Rating: 1485.00  
 2. Maximum Dependable Capacity (MWe-Net) 1428.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	412.78	7,523.48	266,538.62
4. Number of Hours Generator On-line	359.23	7,391.93	260,539.37
5. Reserve Shutdown Hours	0.00	0.00	243.00
6. Net Electrical energy Generated (MWHrs)	518,009.00	10,162,593.00	314,775,563.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
156	11/15/2019	S	361.77	B	1	planned unit shutdown to repair condenser tube

**SUMMARY**

During the month of November, GGNS had a planned (per NRC 72 hour requirement) shutdown (FO 22-05) due to a Main Condenser Tube Leak. GGNS performed repairs on the Main Condenser resulting in an unplanned (per INPO 28 day requirement), non-exempt loss of 390,101 MWe. During startup from FO 22-05, GGNS discovered a Low Pressure Feedwater Heater (LPFWH) tube leak. GGNS shutdown the unit to perform repairs resulting in an unplanned(per INPO 28 day requirement), non-exempt loss of 153,709 MWe. GGNS inserted (2) manual SCRAMs on 11/15/19 14:27 CST and 11/27/19 16:20 CST.

**OPERATING DATA REPORT**

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: G. Evans  
 PREPARER TELEPHONE: 6014376351

1. Design Electrical Rating: 1485.00  
 2. Maximum Dependable Capacity (MWe-Net) 1428.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	697.33	8,220.81	267,235.95
4. Number of Hours Generator On-line	677.73	8,069.66	261,217.10
5. Reserve Shutdown Hours	0.00	0.00	243.00
6. Net Electrical energy Generated (MWHrs)	870,003.00	11,032,596.00	315,645,566.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
156	11/15/2019	S	66.27	B	4	planned unit shutdown to repair condenser tube

**SUMMARY**

During the month of December, GGNS continued FO 22-05 (planned per the NRC 72 hour requirement) for repairs on the LPFWH Tube Leak. GGNS synced to the grid on 12/3/19 18:16. The loss is considered unplanned, non-exempt totaling 99,984 MWe. Also during the month on December, GGNS had Heater Drain Tank Level Control Valve erratic position causing Reactor Water Level to swing at 100% power. GGNS lowered power to 95% to stabilize Reactor Water Level. This is an unplanned, non-exempt loss of 21,972 MWe. GGNS had (2) rod pattern adjustments due to normal startup from FO 22-05 resulting in a total of 5,547 MWe loss (planned, exempt loss)

**OPERATING DATA REPORT**

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Dustin Martin  
 PREPARER TELEPHONE: 9193622679

1. Design Electrical Rating: 992.00  
 2. Maximum Dependable Capacity (MWe-Net) 964.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	266.13	6,817.13	254,689.52
4. Number of Hours Generator On-line	266.13	6,817.13	253,058.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	221,209.00	6,597,631.00	224,826,192.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
H1R22	10/12/2019	S	477.87	C	1	Refueling outage

**SUMMARY**

HNP entered refueling outage 22 on October 12th. The unit remained in the outage for the remainder of the month.



**OPERATING DATA REPORT**

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Dustin Martin  
 PREPARER TELEPHONE: 984-229-2679

1. Design Electrical Rating: 992.00  
 2. Maximum Dependable Capacity (MWe-Net) 964.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	320.88	7,138.01	255,010.40
4. Number of Hours Generator On-line	296.42	7,113.55	253,354.46
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	268,342.00	6,865,973.00	225,094,534.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
H1R22	10/12/2019	S	424.58	C	4	Refueling outage

**SUMMARY**

Harris 1 returned to full power from refueling outage 22 during November. The outage was completed within the scheduled allocation.

**OPERATING DATA REPORT**

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Dustin Martin  
 PREPARER TELEPHONE: 984-229-2679

1. Design Electrical Rating:	992.00		
2. Maximum Dependable Capacity (MWe-Net)	964.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,882.01	255,754.40
4. Number of Hours Generator On-line	744.00	7,857.55	254,098.46
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	744,621.00	7,610,594.00	225,839,155.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      There were no generation related events in December 2019.

**OPERATING DATA REPORT**

DOCKET: 321  
 UNIT\_NME: Hatch Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-366-2000

1. Design Electrical Rating:	885.00		
2. Maximum Dependable Capacity (MWe-Net)	876.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,182.68	329,140.57
4. Number of Hours Generator On-line	744.00	7,159.68	321,883.56
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	656,937.00	6,290,314.00	253,008,637.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      There were no significant (>20% rated thermal power) power changes during the month.

**OPERATING DATA REPORT**

DOCKET: 321  
 UNIT\_NME: Hatch Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-366-2000

1. Design Electrical Rating:	885.00		
2. Maximum Dependable Capacity (MWe-Net)	876.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,903.68	329,861.57
4. Number of Hours Generator On-line	721.00	7,880.68	322,604.56
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	635,463.00	6,925,777.00	253,644,100.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Downpowered on 11/18/19 for loss of feedwater heating and returned to rated thermal power on 11/21/19.

**OPERATING DATA REPORT**

DOCKET: 321  
 UNIT\_NME: Hatch Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-453-5912

1. Design Electrical Rating:	885.00		
2. Maximum Dependable Capacity (MWe-Net)	876.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,647.68	330,605.57
4. Number of Hours Generator On-line	744.00	8,624.68	323,348.56
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	632,309.00	7,558,086.00	254,276,409.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Core coastdown commenced on 12/2/19. Reactor power was reduced to about 70% rated thermal power surveillance testing and rod pattern adjustment on 12/14/2019. The reactor was returned to rated thermal power on 12/15/2019. Continued core coastdown on 12/15/19.

**OPERATING DATA REPORT**

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-366-2000

1. Design Electrical Rating: 908.00  
 2. Maximum Dependable Capacity (MWe-Net) 883.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,060.28	303,511.04
4. Number of Hours Generator On-line	714.25	5,922.35	298,095.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	603,347.00	5,037,486.00	238,630,247.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
02	9/25/2019	F	29.75	B	4	Shutdown for feedwater check valve repair.

**SUMMARY**

Reactor power was reduced and the unit taken offline to complete corrective maintenance 09/24/2019 and returned to rated thermal power on 10/4/19.

**OPERATING DATA REPORT**

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-366-2000

1. Design Electrical Rating:	908.00		
2. Maximum Dependable Capacity (MWe-Net)	883.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,781.28	304,232.04
4. Number of Hours Generator On-line	721.00	6,643.35	298,816.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	650,622.00	5,688,108.00	239,280,869.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      No significant downpowers to report.

**OPERATING DATA REPORT**

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-453-5912

1. Design Electrical Rating:	908.00		
2. Maximum Dependable Capacity (MWe-Net)	883.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,525.28	304,976.04
4. Number of Hours Generator On-line	744.00	7,387.35	299,560.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	670,780.00	6,358,888.00	239,951,649.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      There were no significant (>20% rated thermal power) power change events this month.



**OPERATING DATA REPORT**

DOCKET: 354  
 UNIT\_NME: Hope Creek Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Timothy M Gingerich  
 PREPARER TELEPHONE: 856 339 2194

1. Design Electrical Rating: 1237.00  
 2. Maximum Dependable Capacity (MWe-Net) 1172.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	372.00	6,805.59	256,933.48
4. Number of Hours Generator On-line	372.00	6,773.39	252,901.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	311,204.00	7,602,081.00	273,996,870.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
HCR22	10/16/2019	S	372.00	C	1	Planned Refuel outage HCR22

**SUMMARY**

The month began with the unit online and the reactor critical at 76.5% % CTP One (1) planned power change greater than 15% occurred in October 2019 A downpower from 72.5% to 23.5% commenced on 10/16/19 at 7:12 as part of the normal sequence for a planned shutdown for a refueling outage. At approximately 23.5% core thermal power, The Mode Switch locked in shutdown to start refueling outage HCR22. Zero (0) unplanned power changes greater than 15% occurred in October 2019 The month ended with the unit online and the reactor offline due to continuation of HCR22 The SRVs were not challenged by any over pressurization events or transients that would have required the valves to respond automatically.

**OPERATING DATA REPORT**

DOCKET: 354  
 UNIT\_NME: Hope Creek Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Timothy M Gingerich  
 PREPARER TELEPHONE: 856 339 2194

1. Design Electrical Rating: 1237.00  
 2. Maximum Dependable Capacity (MWe-Net) 1172.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	260.67	7,066.26	257,194.15
4. Number of Hours Generator On-line	230.32	7,003.71	253,131.64
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	250,896.00	7,852,977.00	274,247,766.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
HCR22	10/16/2019	S	490.68	C	4	Planned Refuel outage HCR22

**SUMMARY**

The month began with the unit shut down due to continuation of planned refueling outage HCR22. The reactor was made critical 11/20/2019 at 03:20 and the main generator was synchronized to the grid 11/21/2019 at 09:41 as part of startup from the HCR22 refueling outage. One (1) planned power change greater than 15% occurred in November 2019 A downpower from 96.6% to 70% commenced on 11/24/2019 at 11:03 for rod pattern adjustment. Power was stabilized at 70% on 11/24/2019 at 11:58. Ascension commenced on 11/24/2019 at 12:15. Hope Creek returned to full power on 11/25/2019 at 04:18. Zero (0) unplanned power changes greater than 15% occurred in November 2019 The month ended with the unit online and the reactor critical at 99.9% CTP The SRVs were not challenged by any over pressurization events or transients that would have required the valves to respond automatically.

**OPERATING DATA REPORT**

DOCKET: 354  
 UNIT\_NME: Hope Creek Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Timothy M Gingerich  
 PREPARER TELEPHONE: 856 339 2194

1. Design Electrical Rating: 1237.00  
 2. Maximum Dependable Capacity (MWe-Net) 1172.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,810.26	257,938.15
4. Number of Hours Generator On-line	744.00	7,747.71	253,875.64
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	914,222.00	8,767,199.00	275,161,988.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

The month began with the unit online and the reactor critical at 99.9% CTP Two (2) planned power change(s) greater than 15% occurred in December 2019 A downpower from 100% to 71% commenced on 12/14/19 at 08:00 for rod pattern adjustment. Power was stabilized at 71% on 12/14/19 at 9:30. Ascension commenced on 12/14/19 at 9:40. Hope Creek returned to full power on 12/14/19 at 21:24. A downpower from 99.5% to 75% commenced on 12/15/19 at 14:00 for rod pattern adjustment. Power was stabilized at 75% on 12/15/19 at 15:01. Ascension commenced on 12/15/19 at 15:20. Hope Creek returned to full power on 12/16/19 at 1:51. Zero (0) unplanned power change(s) greater than 15% occurred in December 2019 The month ended with the unit online and the reactor critical at 100.0% CTP The SRVs were not challenged by any over pressurization events or transients that would have required the valves to respond automatically.

**OPERATING DATA REPORT**

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Katherine Sanchez  
 PREPARER TELEPHONE: 914-254-6876

1. Design Electrical Rating:	1035.00		
2. Maximum Dependable Capacity (MWe-Net)	998.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,883.70	312,580.79
4. Number of Hours Generator On-line	744.00	6,836.90	307,797.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	752,598.26	6,882,123.06	281,412,770.14

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Indian Point Unit 2 was online for the entire month of October producing a gross generation of 777,821.26 MWHrs and a net generation of 752,598.26 MWHrs. The unit had 447.0 MWHrs in planned exempt energy losses all due to backwashing of CWP's and there were no unplanned energy losses for the entire month.

**OPERATING DATA REPORT**

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Katherine Sanchez  
 PREPARER TELEPHONE: 914-254-6876

1. Design Electrical Rating:	1035.00		
2. Maximum Dependable Capacity (MWe-Net)	998.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,604.70	313,301.79
4. Number of Hours Generator On-line	721.00	7,557.90	308,518.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	733,495.69	7,615,618.75	282,146,265.83

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Indian Point Unit 2 was online for the entire month of November producing a gross generation of 757,614.69 MWHrs and a net generation of 733,495.69 MWHrs. The unit had 204.1 MWHrs in planned exempt energy losses all due to backwashing of CWP's and there were no unplanned energy losses for the entire month.

**OPERATING DATA REPORT**

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Justin Sledzinski  
 PREPARER TELEPHONE: 914-254-7644

1. Design Electrical Rating:	1035.00		
2. Maximum Dependable Capacity (MWe-Net)	998.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,348.70	314,045.79
4. Number of Hours Generator On-line	744.00	8,301.90	309,262.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	737,134.30	8,352,753.05	282,883,400.13

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Indian Point Unit 2 had 271.3 planned exempt MWhrs in December due to backwashing and 19811.3 unplanned MWhrs in the month due to an investigation for a potential Condenser Waterbox tube leak which included a downpower of 5% to maintain condenser vacuum and a controlled downpower to approximately 60% to remove the 22 MBFP from service to repair a steam leak at weld. The Unit produced a gross generation of 761648.3 MWhrs and a Net Generation of 737134.3 MWhrs in the Month of December 2019.

**OPERATING DATA REPORT**

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201910

PREPARER NAME: Katherine Sanchez  
 PREPARER TELEPHONE: 914-254-6876

1. Design Electrical Rating:	1048.00		
2. Maximum Dependable Capacity (MWe-Net)	1030.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,609.23	283,919.49
4. Number of Hours Generator On-line	744.00	6,589.55	280,330.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	778,972.02	6,811,703.13	268,243,964.28

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Indian Point Unit 3 was online for the entire month of October and had 1707.2 MWHrs in planned exempt energy losses due to backwashing of CWPs and Main Turbine Stop & Control Valve Testing. There were no unplanned energy losses for the entire month. The unit produced a gross generation of 804,592.02 MWHrs and a net generation of 778,972.02 MWHrs.

**OPERATING DATA REPORT**

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201911

PREPARER NAME: Katherine Sanchez  
 PREPARER TELEPHONE: 914-254-6876

1. Design Electrical Rating:	1048.00		
2. Maximum Dependable Capacity (MWe-Net)	1030.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,330.23	284,640.49
4. Number of Hours Generator On-line	721.00	7,310.55	281,051.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	754,566.01	7,566,269.14	268,998,530.29

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

**SUMMARY**

Indian Point Unit 3 was online for the entire month of November and had 56.9 MWHrs in planned exempt energy losses, all due to backwashes. There were no unplanned energy losses for the entire month. The unit produced a gross generation of 779,107.01 MWHrs and a net generation of 754,566.01 MWHrs.



**OPERATING DATA REPORT**

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201912

PREPARER NAME: Justin Sledzinski  
 PREPARER TELEPHONE: 914-254-7644

1. Design Electrical Rating:	1048.00		
2. Maximum Dependable Capacity (MWe-Net)	1030.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,074.23	285,384.49
4. Number of Hours Generator On-line	744.00	8,054.55	281,795.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	776,443.87	8,342,713.01	269,774,974.16

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Indian Point Unit 3 had 12.3 planned/exempt MWhrs due to backwashing and no unplanned MWhrs in the month of December. The Unit produced a gross generation of 801384.87 MWhrs and a net generation of 776443.87 MWhrs during the month.

**OPERATING DATA REPORT**

DOCKET: 373  
 UNIT\_NME: LaSalle Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	1178.00		
2. Maximum Dependable Capacity (MWe-Net)	1111.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	257,537.16
4. Number of Hours Generator On-line	744.00	7,295.00	254,679.41
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	864,698.00	8,428,029.00	273,897,532.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit operated at full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 373  
 UNIT\_NME: LaSalle Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	1178.00		
2. Maximum Dependable Capacity (MWe-Net)	1111.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	258,258.16
4. Number of Hours Generator On-line	721.00	8,016.00	255,400.41
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	843,486.00	9,271,515.00	274,741,018.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
SUMMARY						Unit 1 operated at full power the entire month except for 11/2/19 Sequence Exchange, 607.3 MWh planned/exempt loss.

**OPERATING DATA REPORT**

DOCKET: 373  
 UNIT\_NME: LaSalle Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating: 1178.00  
 2. Maximum Dependable Capacity (MWe-Net) 1111.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	688.32	8,704.32	258,946.48
4. Number of Hours Generator On-line	664.98	8,680.98	256,065.39
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	755,295.00	10,026,810.00	275,496,313.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
L1M23	12/27/2019	S	79.02	B	1	1A and 1B RR seal replacement

**SUMMARY**

Unit 1 operated at full power the entire month, except for Maintenance Outage on December 27, replaced 1B RR Seal L1M23, 110521 MWh planned loss and Sequence Exchange on December 7 for 1732 MWh Planned/exempt losses and December 31 for 568 MWh Planned/exempt losses. The Maintenance outage was being scheduled for 1/24/2020 and was moved up to Dec 27th at the dispatchers request. The unit was capable of continued operation to January 24th. Therefore the Maintenance outage is a Planned loss.

**OPERATING DATA REPORT**

DOCKET: 374  
 UNIT\_NME: LaSalle Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	1178.00		
2. Maximum Dependable Capacity (MWe-Net)	1111.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,845.97	248,971.11
4. Number of Hours Generator On-line	744.00	6,825.19	247,407.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	864,026.00	7,690,258.00	267,570,209.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power the entire month, except for load following on October 19 ,21 ,22, and 24, totaling 3246 MWh excluded losses.

OPERATING DATA REPORT

DOCKET: 374

UNIT\_NME: LaSalle Unit 2

RPT\_PERIOD: 201911

PREPARER NAME: M. Mohammed

PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	1178.00		
2. Maximum Dependable Capacity (MWe-Net)	1111.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,566.97	249,692.11
4. Number of Hours Generator On-line	721.00	7,546.19	248,128.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,156.00	8,536,414.00	268,416,365.00

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				

SUMMARY

The unit operated at full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 374  
 UNIT\_NME: LaSalle Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	1178.00		
2. Maximum Dependable Capacity (MWe-Net)	1111.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,310.97	250,436.11
4. Number of Hours Generator On-line	744.00	8,290.19	248,872.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	872,070.00	9,408,484.00	269,288,435.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 2 operated at full power the entire month except for December 14 for Sequence Exchange for 1246 MWh  
 Planned/exempt losses.

**OPERATING DATA REPORT**

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1205.00		
2. Maximum Dependable Capacity (MWe-Net)	1099.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	272,219.78
4. Number of Hours Generator On-line	744.00	7,295.00	269,529.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	863,395.00	8,415,314.50	293,530,375.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 1 began the month of October 2019 at 99.9% of rated thermal power (RTP). On October 1st at 14:00 hours, reactor power was reduced from 99.9% to 98.9% RTP at 14:31 for planned control rod pattern adjustment. Power was restored at 14:39 hours. On October 18th at 13:13 hours, reactor power was reduced from 100.0% to 98.9 RTP at 14:45 for planned control rod notching. Power was restored at 15:17 hours. On October 25th at 17:29 hours, reactor power was reduced from 100.0% to 98.9 RTP for MCO Coastdown at 11/01/19 @ 00:00. Unit 1 ended the month of October 2019 at 98.9% RTP.



**OPERATING DATA REPORT**

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1205.00		
2. Maximum Dependable Capacity (MWe-Net)	1099.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	272,940.78
4. Number of Hours Generator On-line	721.00	8,016.00	270,250.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	836,020.00	9,251,334.50	294,366,395.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 1 began the month of November 2019 at 98.9% of rated thermal power (RTP). On November 15th at 21:02 hours, reactor power was reduced from 97.8% to 75.6% at 21:59 for planned control rod pattern adjustment. Power was restored on November 16th at 16:19. On November 21st at 10:24 hours, reactor power was reduced from 99.3% to 98.7% at 13:05 for planned HPCI Testing. Power was restored at 15:07. On November 26th at 09:09 hours, reactor power was reduced from 97.5% to 91.6% at 09:30 for planned removal of 6A FW heater from service for coastdown. Power was restored at 17:53. Unit 1 ended the month of November 2019 at 99.5% RTP.

**OPERATING DATA REPORT**

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: J M Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1205.00		
2. Maximum Dependable Capacity (MWe-Net)	1099.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	273,684.78
4. Number of Hours Generator On-line	744.00	8,760.00	270,994.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	860,846.50	10,112,181.00	295,227,241.50

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 1 began the month of December 2019 in coastdown at 99.7% of rated thermal power (RTP). On December 6th at 10:01 hours, reactor power was reduced from 98.9% to 88.5% for planned removal of 6A FW heater from service. Power was restored to 99.6% RTP at 20:44 hours. On December 21st at 22:01 hours, reactor power was reduced from 99.2% to 88.1% RTP for planned turbine valve testing and removal of 6C FW Heater from service. On December 23rd at 11:23 hours, reactor power was restored to 99.5% RTP. Unit 1 ended the month of December 2019 at 99.7% RTP.

**OPERATING DATA REPORT**

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: JM Marion

1. Design Electrical Rating: 1205.00  
 2. Maximum Dependable Capacity (MWe-Net) 1108.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,798.30	247,188.21
4. Number of Hours Generator On-line	744.00	6,706.87	244,517.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	869,300.00	7,537,302.50	271,502,259.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

Unit 2 began the month of October 2019 at 100.0% of rated thermal power (RTP). On October 25th at 10:32 hours, reactor power was reduced from 99.8% to 99.6% RTP at 13:26 for planned HPCI Pump Valve & Flow Test. Power was restored at 15:27 hours. Unit 2 ended the month of October 2019 at 100.0% RTP.

**OPERATING DATA REPORT**

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1205.00		
2. Maximum Dependable Capacity (MWe-Net)	1108.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,519.30	247,909.21
4. Number of Hours Generator On-line	721.00	7,427.87	245,238.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	854,730.00	8,392,032.50	272,356,989.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 2 began the month of November 2019 at 100.0% of rated thermal power (RTP). Unit 2 ended the month of November 2019 at 99.9% RTP.

**OPERATING DATA REPORT**

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: J M Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1205.00		
2. Maximum Dependable Capacity (MWe-Net)	1108.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,263.30	248,653.21
4. Number of Hours Generator On-line	744.00	8,171.87	245,982.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	882,478.50	9,274,511.00	273,239,467.50

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 2 began the month of December 2019 at 99.9% of rated thermal power (RTP). On December 14th at 22:01 hours, reactor power was reduced from 100.0% to 81.3% RTP for planned turbine valve testing. On December 15th at 09:12 hours, reactor power was restored to 99.6% RTP. Unit 2 ended the month of December 2019 at 99.9% RTP.

**OPERATING DATA REPORT**

DOCKET: 369  
 UNIT\_NME: McGuire Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Michael Grembecki  
 PREPARER TELEPHONE: 980-875-2018

1. Design Electrical Rating: 1199.00  
 2. Maximum Dependable Capacity (MWe-Net) 1158.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,692.87	279,025.01
4. Number of Hours Generator On-line	744.00	6,557.90	277,206.98
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	877,940.00	7,525,072.00	306,297,283.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY Unit 1 operated at ~100% RTP for the month of October, 2019.

**OPERATING DATA REPORT**

DOCKET: 369  
 UNIT\_NME: McGuire Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Michael Grembecki  
 PREPARER TELEPHONE: 980-875-2018

1. Design Electrical Rating:	1199.00		
2. Maximum Dependable Capacity (MWe-Net)	1158.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,413.87	279,746.01
4. Number of Hours Generator On-line	721.00	7,278.90	277,927.98
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	857,870.00	8,382,942.00	307,155,153.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 1 started the month of November at ~100% RTP. At 0415 on 11/09/2019, Unit 1 commenced a load decrease for a Turbine Valve Movement Test (TVMT). At 0650 on 11/09/2019, Unit 1 secured the load decrease at ~85.8% RTP. At 1255 on 11/09/2019, Unit 1 commenced load increase to ~100% RTP following the TVMT. At 2105 on 11/09/2019, Unit 1 secured the load increase at ~100% RTP. Unit 1 was at ~100% for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 369  
 UNIT\_NME: McGuire Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Michael Grembecki  
 PREPARER TELEPHONE: 980-875-2018

1. Design Electrical Rating: 1199.00  
 2. Maximum Dependable Capacity (MWe-Net) 1158.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,157.87	280,490.01
4. Number of Hours Generator On-line	744.00	8,022.90	278,671.98
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	888,920.00	9,271,862.00	308,044,073.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY Unit 1 operated the month of December 2019 at ~100% RTP.



**OPERATING DATA REPORT**

DOCKET: 370  
 UNIT\_NME: McGuire Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Michael Grembecki  
 PREPARER TELEPHONE: 980-875-2018

1. Design Electrical Rating: 1187.00  
 2. Maximum Dependable Capacity (MWe-Net) 1158.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	272,653.12
4. Number of Hours Generator On-line	744.00	7,295.00	270,889.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	871,610.00	8,582,041.00	305,172,816.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

Unit 2 began the month of October, 2019 at 100% RTP. On 10/10/19 at 20:48, Unit 2 commenced load reduction to ~98.5% RTP for maintenance on 2HW-39 (2B3 high pressure heater Hi level dump valve). Unit 2 reached ~98.5% RTP at 21:34 on 10/10/19. Unit 2 commenced load increase back to 100% RTP following maintenance on 2HW-39 at 06:35 on 10/11/19. At 16:03 on 10/11/19, Unit 2 reached ~100% RTP. On 10/26/19 at 0900, Unit 2 reduced power to ~99.6% RTP in support of turbine driven auxiliary feedwater pump (TDCAP) testing. At 20:00 on 10/26/19, Unit 2 commenced load increase back to 100% RTP following TDCAP testing. At 22:00 on 10/26/19, Unit 2 returned to ~100% RTP. Unit 2 remained at ~100% RTP for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 370  
 UNIT\_NME: McGuire Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Michael Grembecki  
 PREPARER TELEPHONE: 980-875-2018

1. Design Electrical Rating:	1187.00		
2. Maximum Dependable Capacity (MWe-Net)	1158.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	273,374.12
4. Number of Hours Generator On-line	721.00	8,016.00	271,610.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	851,705.00	9,433,746.00	306,024,521.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 2 started the month of November at ~100% RTP. At 0740 on 11/08/2019, Unit 2 commenced a load decrease for a Turbine Valve Movement Test (TVMT). At 0953 on 11/08/2019, Unit 2 secured the load decrease at ~85.5% RTP. At 1416 on 11/08/2019, Unit 2 commenced load increase to ~100% RTP following the TVMT. At 2220 on 11/08/2019, Unit 2 secured the load increase at ~100% RTP. Unit 2 was at ~100% for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 370  
 UNIT\_NME: McGuire Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Michael Grembecki  
 PREPARER TELEPHONE: 980-875-2018

1. Design Electrical Rating: 1187.00  
 2. Maximum Dependable Capacity (MWe-Net) 1158.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	274,118.12
4. Number of Hours Generator On-line	744.00	8,760.00	272,354.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	882,647.00	10,316,393.00	306,907,168.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      Unit 2 operated the month of December 2019 at ~100% RTP.

**OPERATING DATA REPORT**

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Patrick Campbell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating:	877.20		
2. Maximum Dependable Capacity (MWe-Net)	869.50		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	284,860.66
4. Number of Hours Generator On-line	744.00	7,216.87	278,521.73
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	634,659.90	6,041,774.10	234,141,636.47

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

**SUMMARY**

Millstone Unit 2 operated at or near 100% power from the beginning of the month until October 17th, 2019. At 0150 hours on October 17th, 2019, the unit commenced a load reduction to approximately 81% power to perform waterbox backwashing while maintaining Condenser temperature rise within thermal limits. At 0220 hours on October 17th, 2019, the unit slowly commenced a power ascension to 84% and began Turbine Control Valve Testing at 1234 on October 17th, 2019. TCV Testing was completed at 1333 on October 17th, 2019 and the unit continued power ascension, reaching 100% power at approximately 1548 hours on October 18th, 2019. Millstone Unit 2 operated at or near 100% power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Patrick Campbell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating: 877.20  
 2. Maximum Dependable Capacity (MWe-Net) 869.50

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	285,581.66
4. Number of Hours Generator On-line	721.00	7,937.87	279,242.73
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	621,851.10	6,663,625.20	234,763,487.57

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY Millstone Unit 2 operated at or near 100% power for the month of November, 2019.

**OPERATING DATA REPORT**

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Patrick Campbell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating: 877.20  
 2. Maximum Dependable Capacity (MWe-Net) 869.50

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	709.43	8,725.43	286,291.09
4. Number of Hours Generator On-line	700.72	8,638.59	279,943.45
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	594,107.90	7,257,733.10	235,357,595.47

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
2019-2	12/27/2019	F	43.28	A	2	Unit manually tripped on loss of 'A' SGFP

**SUMMARY**

Millstone Unit 2 operated at or near 100% power from the beginning of the month until December 27th, 2019. At 0704 hours on December 27th, 2019, the unit was manually tripped without complications due to loss of the 'A' Steam Generator Feed Pump. The 'A' SGFP was repaired and the reactor was taken critical at 1738 hours on December 28th, 2019. The unit was placed online at 0221 hours on December 29th, 2019. The unit commenced power ascension to 90% and then began Turbine Control Valve Testing at 0142 on December 30th, 2019. TCV Testing was completed at 0331 on December 30th, 2019 and the unit continued power ascension, reaching 100% power at approximately 0554 hours on December 30th, 2019. Millstone Unit 2 operated at or near 100% power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201910

PREPARER NAME: Patrick Campbell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating: 1229.00  
 2. Maximum Dependable Capacity (MWe-Net) 1210.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,528.69	239,023.90
4. Number of Hours Generator On-line	744.00	6,500.92	236,718.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	909,370.40	7,899,167.10	272,340,898.04

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

Millstone Unit 3 operated at or near 100% power from the beginning of the month until October 31st, 2019. At 2321 hours on October 31st, 2019, the unit commenced a load reduction to approximately 83% power to perform waterbox backwashes while maintaining Condenser temperature rise within thermal limits. Millstone Unit 3 ended the month at 88% power.

**OPERATING DATA REPORT**

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201911

PREPARER NAME: Patrick Campbell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating: 1229.00  
 2. Maximum Dependable Capacity (MWe-Net) 1210.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,249.69	239,744.90
4. Number of Hours Generator On-line	721.00	7,221.92	237,439.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	882,125.70	8,781,292.80	273,223,023.74

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

Millstone Unit 3 began the month at 88% power and continued reducing power until early November 1st, 2019. At 0020 hours on November 1st, 2019, the unit reached approximately 81% power to perform waterbox backwashing while maintaining Condenser temperature rise within thermal limits. At 1608 hours on November 1st, 2019, the unit commenced a power ascension to 95% and began Turbine Control Valve (TCV) Testing at 1945 hours on November 1st, 2019. TCV Testing was completed at 2216 hours on November 1st, 2019 and the unit continued power ascension at 2330 on November 1st, 2019, reaching 100% power at approximately 0230 hours on November 2nd, 2019. Millstone Unit 3 operated at or near 100% power for the remainder of the month.



**OPERATING DATA REPORT**

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201912

PREPARER NAME: Patrick Campbell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating: 1229.00  
 2. Maximum Dependable Capacity (MWe-Net) 1210.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	628.55	7,878.24	240,373.45
4. Number of Hours Generator On-line	613.92	7,835.84	238,053.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	735,330.80	9,516,623.60	273,958,354.54

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
2019-2	12/18/2019	F	130.08	B	1	Shutdown to repair 'A' EDG Exhaust and restore to Operable

**SUMMARY**

Millstone Unit 3 operated at or near 100% power from the beginning of the month until December 17th, 2019. At 1924 hours on December 17th, 2019, the unit began to reduce power and was taken offline at 0027 hours on December 18th, 2019 due to a 14 day LCO for the 'A' EDG being inoperable. The reactor was shutdown at 01:17 on December 18th, 2019 and repairs began. The 'A' EDG was later declared operable and the reactor was taken critical at 2044 hours on December 22nd, 2019. The unit was placed online at 1032 hours on December 23rd, 2019 and commenced power ascension, reaching 100% power at approximately 1532 hours on December 24th, 2019. Millstone Unit 3 operated at or near 100% power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Kevin Austin  
 PREPARER TELEPHONE: 763-271-5875

1. Design Electrical Rating:	656.30		
2. Maximum Dependable Capacity (MWe-Net)	628.20		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,581.58	362,568.53
4. Number of Hours Generator On-line	744.00	6,558.72	358,043.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	488,998.00	4,001,604.00	193,862,465.30

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

There were downpowers to 80% on 10/3/19 and 90% on 10/21/19 for economic dispatch. A minor unplanned downpower to ~99% was performed on 10/12/19 due to a process computer issue.

**OPERATING DATA REPORT**

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Kevin Austin  
 PREPARER TELEPHONE: 763-271-5875

1. Design Electrical Rating:	656.30		
2. Maximum Dependable Capacity (MWe-Net)	628.20		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,302.58	363,289.53
4. Number of Hours Generator On-line	721.00	7,279.72	358,764.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	474,910.00	4,476,514.00	194,337,375.30

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      There was one downpower to 80% on 11/21/19 for economic dispatch.

**OPERATING DATA REPORT**

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Kevin Austin  
 PREPARER TELEPHONE: 763-271-5875

1. Design Electrical Rating:	656.30		
2. Maximum Dependable Capacity (MWe-Net)	628.20		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,046.58	364,033.53
4. Number of Hours Generator On-line	744.00	8,023.72	359,508.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	488,061.00	4,964,575.00	194,825,436.30

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

There was one planned downpower to 75% on 12/14/19 for quarterly valve testing.

**OPERATING DATA REPORT**

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	613.00		
2. Maximum Dependable Capacity (MWe-Net)	565.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,282.47	344,010.80
4. Number of Hours Generator On-line	744.00	6,182.10	338,623.37
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	455,790.00	3,667,419.00	195,348,699.76

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated the entire month at full power except for: NMP-1 10/12/2019 1840 MWh Rodline Adjustment (P, ORLF Exempt) NMP-1 10/18/2019 289 MWh 12 Reactor Recirc. Pump Restoration (P) NMP-1 10/27/2019 40 MWh 14 Reactor Recirc. Pump Maintenance (P)

**OPERATING DATA REPORT**

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	613.00		
2. Maximum Dependable Capacity (MWe-Net)	565.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,003.47	344,731.80
4. Number of Hours Generator On-line	721.00	6,903.10	339,344.37
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	438,271.00	4,105,690.00	195,786,970.76

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated the entire month at full power except for: NMP-1 11/1/2019 993 MWh Eel Intrusion into Service Water (Excluded – Outside Management Control) NMP-1 11/15/2019 10732 MWh Waterbox Cleaning (Planned, Exempt) NMP-1 11/18/2019 142 MWh Rodline Adjustment and RRP Maintenance (Planned, Exempt) NMP-1 11/21/2019 91 MWh 11 Reactor Recirc. Pump Restoration (Planned)

**OPERATING DATA REPORT**

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	613.00		
2. Maximum Dependable Capacity (MWe-Net)	565.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,747.47	345,475.80
4. Number of Hours Generator On-line	744.00	7,647.10	340,088.37
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	468,447.00	4,574,137.00	196,255,417.76

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      The unit operated the entire month at full power, except for: NMP 12/14/2019 40 MWh Turbine Valve Testing (Planned, Exempt)

**OPERATING DATA REPORT**

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 1299.90  
 2. Maximum Dependable Capacity (MWe-Net) 1276.80

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	242,164.31
4. Number of Hours Generator On-line	744.00	7,295.00	238,513.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	914,706.00	9,112,826.00	269,278,636.68

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

The unit operated the entire month at full power except for: NMP-2 10/4/2019 28040 MWh HDP Seal Leak (U) NMP-2 10/11/2019 1151 MWh Rodline Adjustment (U, ORLF Exempt) NMP-2 10/23/2019 9127 MWh Drywell Leakage (U) NMP-2 10/25/2019 5525 MWh EHC Leak (U)



**OPERATING DATA REPORT**

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 1299.90  
 2. Maximum Dependable Capacity (MWe-Net) 1276.80

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	242,885.31
4. Number of Hours Generator On-line	721.00	8,016.00	239,234.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	929,898.00	10,042,724.00	270,208,534.68

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

The unit operated the entire month at full power except for: NMP-2 11/14/2019 1569 MWh Feedwater Pump Leak (Unplanned, identified >72 hours in advance) NMP-2 11/22/2019 1357 MWh Rodline Adjustment (Planned, Exempt)

**OPERATING DATA REPORT**

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 1299.90  
 2. Maximum Dependable Capacity (MWe-Net) 1276.80

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	243,629.31
4. Number of Hours Generator On-line	744.00	8,760.00	239,978.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	951,086.00	10,993,810.00	271,159,620.68

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

The unit operated the entire month at full power, except for: NMP-2 12/17/2019 10,849 MWh Offgas Testing (Unplanned)  
 NMP-2 12/17/2019 537 MWh Rodline Adjustment (Exempt) (included within Unplanned loss above) NMP-2 12/23/2019 654  
 MWh Reactor Recirc. Valve Closed (Unplanned) NMP-2 12/28/2019 420 MWh Rodline Adjustment (Planned, Exempt)

**OPERATING DATA REPORT**

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Fletcher Mayton  
 PREPARER TELEPHONE: 540-894-2502

1. Design Electrical Rating: 973.00  
 2. Maximum Dependable Capacity (MWe-Net) 948.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,751.85	309,828.29
4. Number of Hours Generator On-line	735.88	6,696.13	305,940.25
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	689,865.70	6,414,540.08	272,702,120.18

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
N1-2019-002	9/7/2019	S	8.12	C	4	Refueling Outage

SUMMARY      Began the month in mode 2 exited a refueling outage,ended month at 100% 1022 MWe.

**OPERATING DATA REPORT**

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: David McGowan  
 PREPARER TELEPHONE: 540-894-2642

1. Design Electrical Rating:	973.00		
2. Maximum Dependable Capacity (MWe-Net)	948.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,472.85	310,549.29
4. Number of Hours Generator On-line	721.00	7,417.13	306,661.25
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	706,605.00	7,121,145.08	273,408,725.18

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Began month at 100% power 1023 MWe. Ended month at 100% power 1029 MWe

OPERATING DATA REPORT

DOCKET: 338

UNIT\_NME: North Anna Unit 1

RPT\_PERIOD: 201912

PREPARER NAME: Fletcher Mayton

PREPARER TELEPHONE: 540-894-2502

1. Design Electrical Rating:	973.00		
2. Maximum Dependable Capacity (MWe-Net)	948.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,216.85	311,293.29
4. Number of Hours Generator On-line	744.00	8,161.13	307,405.25
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	729,260.11	7,850,405.19	274,137,985.29

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

Began Month at 100% power 1029 MWe. Ended the Month at 100% 1026 MWe.

**OPERATING DATA REPORT**

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Fletcher Mayton  
 PREPARER TELEPHONE: 540-894-2502

1. Design Electrical Rating:	973.00		
2. Maximum Dependable Capacity (MWe-Net)	944.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,413.12	297,586.38
4. Number of Hours Generator On-line	744.00	6,364.37	295,583.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	721,253.00	6,042,061.70	265,393,065.24

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Began month 100% 1012 MWe, ended month 100% 1025 MWe.

**OPERATING DATA REPORT**

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: David McGowan  
 PREPARER TELEPHONE: 540-894-2642

1. Design Electrical Rating:	973.00		
2. Maximum Dependable Capacity (MWe-Net)	944.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,134.12	298,307.38
4. Number of Hours Generator On-line	721.00	7,085.37	296,304.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	705,053.60	6,747,115.30	266,098,118.84

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Began month at 100% power 1026 MWe. Ended month at 100% power 1030 MWe

**OPERATING DATA REPORT**

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Fletcher Mayton  
 PREPARER TELEPHONE: 540-894-2502

1. Design Electrical Rating: 973.00  
 2. Maximum Dependable Capacity (MWe-Net) 944.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,878.12	299,051.38
4. Number of Hours Generator On-line	744.00	7,829.37	297,048.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	727,016.55	7,474,131.85	266,825,135.39

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      Began Month at 100% 1030 MWe. On 12-18-19 performed Turbine Valve Freedom Test resulting in 50 MW of planned energy loss. Ended month at 100% 1027 MWe.



**OPERATING DATA REPORT**

DOCKET: 269  
 UNIT\_NME: Oconee Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating:	865.00		
2. Maximum Dependable Capacity (MWe-Net)	847.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	337,286.04
4. Number of Hours Generator On-line	744.00	7,295.00	333,062.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	630,316.00	6,236,565.00	275,867,100.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

Unit One was at 100% Full Power (FP) at the beginning of October 2019. Unit One was at 100% FP at the end of October 2019.

**OPERATING DATA REPORT**

DOCKET: 269  
 UNIT\_NME: Oconee Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating:	865.00		
2. Maximum Dependable Capacity (MWe-Net)	847.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	338,007.04
4. Number of Hours Generator On-line	721.00	8,016.00	333,783.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	619,479.00	6,856,044.00	276,486,579.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit One was at 100% Full Power (FP) at the beginning of November 2019. 11/16/19 13:30 Began power decrease from 100% FP to 98% FP to perform Turbine Valve Movement Periodic Test. 11/16/19 13:40 Completed power decrease to 98% FP. 11/16/19 16:08 Began power increase from 98% FP to 99.4% FP following completion of Turbine Valve Movement Periodic Test. 11/16/19 16:17 Completed power increase to 99.4% FP. 11/16/19 16:37 Began power increase from 99.4% FP to 100% FP. 11/16/19 16:46 Completed power increase to 100% FP. Unit One was at 100% FP at the end of November 2019.

**OPERATING DATA REPORT**

DOCKET: 269  
 UNIT\_NME: Oconee Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating:	865.00		
2. Maximum Dependable Capacity (MWe-Net)	847.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	338,751.04
4. Number of Hours Generator On-line	744.00	8,760.00	334,527.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	642,599.00	7,498,643.00	277,129,178.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit One was at 100% Full Power (FP) at the beginning of December 2019. Unit One was at 100% FP at the end of December 2019.

**OPERATING DATA REPORT**

DOCKET: 270  
 UNIT\_NME: Oconee Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating: 872.00  
 2. Maximum Dependable Capacity (MWe-Net) 848.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	7,295.00	339,432.49
4. Number of Hours Generator On-line	744.00	7,295.00	336,193.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	594,247.00	6,273,413.00	279,152,658.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit Two was at 100% Full Power (FP) at the beginning of October 2019. 10/07/19 15:59 Reduced reactor power from 100.0% FP to 99.5% FP for Unit 2 Refueling Outage 29 power coast down. 10/09/19 03:57 Reduced reactor power from 99.5% FP to 99.0% FP for Unit 2 Refueling Outage 29 power coast down. 10/09/19 22:30 Reduced reactor power from 99.0% FP to 98.5% FP for Unit 2 Refueling Outage 29 power coast down. 10/12/19 02:10 Reduced reactor power from 98.5% FP to 98.0% FP for Unit 2 Refueling Outage 29 power coast down. 10/13/19 00:47 Reduced reactor power from 98.0% FP to 97.5% FP for Unit 2 Refueling Outage 29 power coast down. 10/15/19 01:03 Reduced reactor power from 97.5% FP to 97.0% FP for Unit 2 Refueling Outage 29 power coast down. 10/15/19 21:12 Reduced reactor power from 97.0% FP to 96.5% FP for Unit 2 Refueling Outage 29 power coast down. 10/16/19 01:56 Reduced reactor power from 96.5% FP to 96.0% FP for Unit 2 Refueling Outage 29 power coast down. 10/16/19 03:09 Reduced reactor power from 96.0% FP to 95.5% FP for Unit 2 Refueling Outage 29 power coast down. 10/17/19 00:31 Reduced reactor power from 95.5% FP to 95.0% FP for Unit 2 Refueling Outage 29 power coast down. 10/17/19 03:39 Reduced reactor power from 95.0% FP to 94.5% FP for Unit 2 Refueling Outage 29 power coast down. 10/18/19 00:03 Reduced reactor power from 94.5% FP to 94.0% FP for Unit 2 Refueling Outage 29 power coast down. 10/18/19 21:23 Reduced reactor power from 94.0% FP to 93.5% FP for Unit 2 Refueling Outage 29 power coast down. 10/19/19 02:48 Reduced reactor power from 93.5% FP to 93.0% FP for Unit 2 Refueling Outage 29 power coast down. 10/20/19 01:44 Reduced reactor power from 93.0% FP to 92.5% FP for Unit 2 Refueling Outage 29 power coast down. 10/20/19 21:28 Reduced reactor power from 92.5% FP to 92.0% FP for Unit 2 Refueling Outage 29 power coast down. 10/21/19 05:05 Reduced reactor power from 92.0% FP to 91.5% FP for Unit 2 Refueling Outage 29 power coast down. 10/22/19 05:23 Reduced reactor power from 91.5% FP to 91.0% FP for Unit 2 Refueling Outage 29 power coast down. 10/22/19 13:55 Reduced reactor power from 91.0% FP to 90.6% FP for Unit 2 Refueling Outage 29 power coast down. 10/22/19 16:30 Reduced reactor power from 90.6% FP to 90.2% FP for Unit 2 Refueling Outage 29 power coast down. 10/22/19 23:17 Reduced reactor power from 90.2% FP to 89.8% FP for Unit 2 Refueling Outage 29 power coast down. 10/24/19 15:10 Reduced reactor power from 89.8% FP to 89.4% FP for Unit 2 Refueling Outage 29 power coast down. 10/24/19 23:42 Reduced reactor power from 89.4% FP to 89.1% FP for Unit 2 Refueling Outage 29 power coast down. 10/25/19 13:26 Reduced reactor power from 89.1% FP to 88.6% FP for Unit 2 Refueling Outage 29 power coast down. 10/25/19 15:50 Reduced reactor power from 88.6% FP to 88.3% FP for Unit 2 Refueling Outage 29 power coast down. 10/25/19 22:32 Reduced reactor power from 88.3% FP to 87.8% FP for Unit 2 Refueling Outage 29 power coast down. 10/26/19 04:00 Reduced reactor power from 87.8% FP to 87.3% FP for Unit 2 Refueling Outage 29 power coast down. 10/27/19 02:45 Reduced reactor power from 87.3% FP to 86.8% FP for Unit 2 Refueling Outage 29 power coast down. 10/27/19 14:57 Reduced reactor power from 86.8% FP to 86.5% FP for Unit 2 Refueling Outage 29 power coast down. 10/28/19 11:45 Reduced reactor power from 86.5% FP to 86.2% FP for Unit 2 Refueling Outage 29 power coast down. 10/29/19 06:18 Reduced reactor power from 86.2% FP to 85.9% FP for Unit 2 Refueling Outage 29 power coast down. 10/29/19 10:36 Reduced reactor power from 85.9% FP to 85.6% FP for Unit 2 Refueling Outage 29 power coast down. 10/29/19 14:03 Reduced reactor power from 85.6% FP to 85.3% FP for Unit 2 Refueling Outage 29 power coast down. 10/30/19 08:44 Reduced reactor power from 85.3% FP to 84.8% FP for Unit 2 Refueling Outage 29 power coast down. 10/30/19 13:30 Reduced reactor power from 84.8% FP to 84.3% FP for Unit 2 Refueling Outage 29 power coast down. 10/31/19 10:09 Reduced reactor power from 84.3% FP to 84.0% FP for Unit 2 Refueling Outage 29 power coast down. Unit Two was at 84.0% FP at the end of October 2019.

**OPERATING DATA REPORT**

DOCKET: 270  
 UNIT\_NME: Oconee Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8647234810

1. Design Electrical Rating: 872.00  
 2. Maximum Dependable Capacity (MWe-Net) 848.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	194.80	7,489.80	339,627.29
4. Number of Hours Generator On-line	192.37	7,487.37	336,386.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	130,031.00	6,403,444.00	279,282,689.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1	11/8/2019	S	528.63	C	1	none

**SUMMARY**

Unit Two was at 84% Full Power (FP) at the beginning of November 2019. 11/01/19 12:19 Reduced reactor power from 84.0% FP to 83.7% FP for Unit 2 Refueling Outage 29 power coast down. 11/01/19 14:47 Reduced reactor power from 83.7% FP to 83.4% FP for Unit 2 Refueling Outage 29 power coast down. 11/02/19 02:12 Reduced reactor power from 83.4% FP to 83.1% FP for Unit 2 Refueling Outage 29 power coast down. 11/02/19 09:41 Reduced reactor power from 83.1% FP to 82.8% FP for Unit 2 Refueling Outage 29 power coast down. 11/02/19 14:54 Reduced reactor power from 82.8% FP to 82.5% FP for Unit 2 Refueling Outage 29 power coast down. 11/03/19 11:53 Reduced reactor power from 82.5% FP to 82.2% FP for Unit 2 Refueling Outage 29 power coast down. 11/03/19 15:05 Reduced reactor power from 82.2% FP to 81.9% FP for Unit 2 Refueling Outage 29 power coast down. 11/04/19 09:37 Reduced reactor power from 81.9% FP to 81.6% FP for Unit 2 Refueling Outage 29 power coast down. 11/04/19 14:52 Reduced reactor power from 81.6% FP to 81.3% FP for Unit 2 Refueling Outage 29 power coast down. 11/05/19 11:51 Reduced reactor power from 81.3% FP to 81.0% FP for Unit 2 Refueling Outage 29 power coast down. 11/05/19 15:10 Reduced reactor power from 81.0% FP to 80.7% FP for Unit 2 Refueling Outage 29 power coast down. 11/05/19 16:40 Reduced reactor power from 80.7% FP to 80.4% FP for Unit 2 Refueling Outage 29 power coast down. 11/06/19 02:10 Reduced reactor power from 80.4% FP to 80.1% FP for Unit 2 Refueling Outage 29 power coast down. 11/06/19 12:37 Reduced reactor power from 80.1% FP to 79.8% FP for Unit 2 Refueling Outage 29 power coast down. 11/06/19 17:00 Reduced reactor power from 79.8% FP to 79.5% FP for Unit 2 Refueling Outage 29 power coast down. 11/07/19 02:46 Reduced reactor power from 79.5% FP to 79.2% FP for Unit 2 Refueling Outage 29 power coast down. 11/07/19 14:24 Reduced reactor power from 79.2% FP to 78.9% FP for Unit 2 Refueling Outage 29 power coast down. 11/07/19 19:22 Reduced reactor power from 78.9% FP to 78.6% FP for Unit 2 Refueling Outage 29 power coast down. 11/08/19 18:00 Began power decrease from 78.6% FP to 50% FP for Unit 2 Refueling Outage 29 Shutdown 11/08/19 18:21 Stopped power reduction at 74% FP due to control room alarms 11/08/19 18:49 Resumed power reduction from 74% FP to 50% FP 11/08/19 20:21 Stopped power reduction at 57% FP due to control room alarms 11/08/19 21:07 Resumed power reduction from 57% FP to 50% FP 11/08/19 21:38 Completed power reduction to 50% FP 11/08/19 21:42 Began power decrease from 50% FP to 19% FP for Unit 2 Refueling Outage 29 Shutdown 11/08/19 22:20 Stopped power reduction at 30% FP due to control room alarms 11/08/19 22:28 Resumed power reduction from 30% FP to 19% FP 11/08/19 22:48 Completed power reduction to 19% FP 11/08/19 23:22 Tripped Unit 2 Main Turbine for Unit 2 Refueling Outage 29 Shutdown 11/09/19 00:17 Began power decrease from 19% FP to 7% FP for Unit 2 Refueling Outage 29 Shutdown 11/09/19 01:10 Completed power reduction to 7% FP 11/09/19 01:18 Began power decrease from 7% FP to 3% FP for Unit 2 Refueling Outage 29 Shutdown 11/09/19 01:42 Complete power reduction to 3% FP 11/09/19 01:48 Tripped Unit 2 reactor Unit Two was at 0% FP at the end of November 2019.

**OPERATING DATA REPORT**

DOCKET: 270  
 UNIT\_NME: Oconee Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating: 872.00  
 2. Maximum Dependable Capacity (MWe-Net) 848.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	488.95	7,978.75	340,116.24
4. Number of Hours Generator On-line	468.25	7,955.62	336,854.56
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	394,976.00	6,798,420.00	279,677,665.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
1	11/8/2019	S	275.75	C	4	none

**SUMMARY**

Unit Two was at 0% Full Power (FP) at the beginning of December 2019. 12/11/19 15:03 U2 reactor achieved criticality 12/11/19 23:45 Began reactor startup to 19.9% FP 12/12/19 02:26 Reactor at 19.9% FP and stable for turbine startup 12/12/19 05:53 Closed PCB 23 12/12/19 09:44 Tripped U2 Main Turbine for Overspeed Testing and PCB 23 opened 12/12/19 11:45 Closed PCB 23 12/12/19 11:48 U2 turbine loaded 12/12/19 12:06 U2 turbine generator overspeed testing completed 12/12/19 12:50 Began power increase from 19.9% FP to 25% FP 12/12/19 13:17 Completed power increase to 25% FP 12/12/19 16:03 Began power increase from 25% FP to 29% FP 12/12/19 16:22 Completed power increase to 29% FP 12/12/19 16:51 Began power increase from 29% FP to 50% FP 12/12/19 18:39 Completed power increase to 50% FP 12/12/19 19:00 Began power increase from 50% FP to 73% FP 12/12/19 19:52 Stopped power increase at 55% FP 12/12/19 22:08 Resumed power increase from 55% FP to 73% FP 12/13/19 02:06 Completed power increase to 73% FP 12/13/19 14:20 Began power increase from 73% FP to 90% FP 12/13/19 17:51 Completed power increase to 90% FP 12/13/19 18:44 Began power increase from 90% FP to 98% FP 12/13/19 21:33 Completed power increase to 98% FP 12/14/19 00:35 Began power increase from 98% FP to 99.5% FP 12/14/19 01:05 Completed power increase to 99.5% FP 12/14/19 03:48 Began power increase from 99.5% FP to 100% FP 12/14/19 03:56 Completed power increase to 100% FP Unit Two was at 100% FP at the end of December 2019.

**OPERATING DATA REPORT**

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201910

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating:	881.00		
2. Maximum Dependable Capacity (MWe-Net)	859.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	332,196.78
4. Number of Hours Generator On-line	744.00	7,295.00	328,871.35
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	635,549.00	6,312,488.00	276,709,248.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY Unit Three was at 100% Full Power (FP) at the beginning of October 2019. Unit Three was at 100% FP at the end of October 2019.

**OPERATING DATA REPORT**

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201911

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating:	881.00		
2. Maximum Dependable Capacity (MWe-Net)	859.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	332,917.78
4. Number of Hours Generator On-line	721.00	8,016.00	329,592.35
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	625,626.00	6,938,114.00	277,334,874.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit Three was at 100% Full Power (FP) at the beginning of November 2019. 11/17/19 10:58 Began power decrease from 100% FP to 98% FP to perform Turbine Valve Movement Periodic Test. 11/17/19 11:20 Completed power decrease to 98% FP. 11/17/19 14:15 Began power increase from 98% FP to 99.5% FP following completion of Turbine Valve Movement Periodic Test. 11/17/19 14:30 Completed power increase to 99.5% FP. 11/17/19 14:59 Began power increase from 99.5% FP to 100% FP. 11/17/19 15:03 Completed power increase to 100% FP. Unit Three was at 100% FP at the end of November 2019.



**OPERATING DATA REPORT**

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201912

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating:	881.00		
2. Maximum Dependable Capacity (MWe-Net)	859.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	333,661.78
4. Number of Hours Generator On-line	744.00	8,760.00	330,336.35
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	649,504.00	7,587,618.00	277,984,378.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
SUMMARY						Unit Three was at 100% Full Power (FP) at the beginning of December 2019. Unit Three was at 100% FP at the end of December 2019.

**OPERATING DATA REPORT**

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Jason Kuhn  
 PREPARER TELEPHONE: 269-764-2807

1. Design Electrical Rating:	805.00		
2. Maximum Dependable Capacity (MWe-Net)	777.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,140.45	301,617.35
4. Number of Hours Generator On-line	744.00	7,121.30	295,297.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	600,323.53	5,671,276.15	215,433,610.96

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY Palisades operated at full power for the entire month of October 2019.

**OPERATING DATA REPORT**

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Gretchen Mitschelen  
 PREPARER TELEPHONE: 269-764-2523

1. Design Electrical Rating: 805.00  
 2. Maximum Dependable Capacity (MWe-Net) 777.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,861.45	302,338.35
4. Number of Hours Generator On-line	721.00	7,842.30	296,018.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	586,452.56	6,257,728.71	216,020,063.52

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY

Palisades operated at full power for the entire month of November 2019.

**OPERATING DATA REPORT**

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Daniel Clemens  
 PREPARER TELEPHONE: 269-764-2707

1. Design Electrical Rating: 805.00  
 2. Maximum Dependable Capacity (MWe-Net) 777.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,605.45	303,082.35
4. Number of Hours Generator On-line	744.00	8,586.30	296,762.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	606,626.86	6,864,355.57	216,626,690.38

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY

Palisades operated at full power for the month of December 2019.

OPERATING DATA REPORT

DOCKET: 528

UNIT\_NME: Palo Verde Unit 1

RPT\_PERIOD: 201910

PREPARER NAME: Brian Cable

PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1333.00		
2. Maximum Dependable Capacity (MWe-Net)	1311.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,535.20	245,098.00
4. Number of Hours Generator On-line	744.00	6,492.45	242,769.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	991,218.78	8,561,671.54	301,033,628.09

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.

OPERATING DATA REPORT

DOCKET: 528

UNIT\_NME: Palo Verde Unit 1

RPT\_PERIOD: 201911

PREPARER NAME: Brian Cable

PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1333.00		
2. Maximum Dependable Capacity (MWe-Net)	1311.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	7,255.20	245,818.00
4. Number of Hours Generator On-line	720.00	7,212.45	243,489.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	959,214.89	9,520,886.43	301,992,842.98

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.

OPERATING DATA REPORT

DOCKET: 528

UNIT\_NME: Palo Verde Unit 1

RPT\_PERIOD: 201912

PREPARER NAME: Brian Cable

PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1333.00		
2. Maximum Dependable Capacity (MWe-Net)	1311.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,999.20	246,562.00
4. Number of Hours Generator On-line	744.00	7,956.45	244,233.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	994,281.81	10,515,168.24	302,987,124.79

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 529  
 UNIT\_NME: Palo Verde Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1336.00		
2. Maximum Dependable Capacity (MWe-Net)	1314.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,226.90	246,865.58
4. Number of Hours Generator On-line	744.00	7,206.23	244,686.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	920,395.70	9,480,954.75	310,073,663.21

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

**SUMMARY**

The unit began the month in Mode 1 with the reactor at full power. On October 17th at 1203 the unit commenced an unplanned downpower to ~39% due to Circulating Water ingress to the 1B Condenser and Hotwell. After repairs were completed, RX power increase to return the unit to full power began on October 20th at 1023 and returned to full power at 2230 hours the same day. On October 21st at 2045 the unit began a RX power decrease to ~79% for repairs on the 'A' Heater Drain Tank normal level control valve to repair a sheared air-line to the valve actuator. After repairs were completed, RX power increase to return the unit to full power began on October 22nd at 0300. The unit reached full power on October 22nd at 0844. The unit ended the month in Mode 1 with the reactor at full power.



OPERATING DATA REPORT

DOCKET: 529

UNIT\_NME: Palo Verde Unit 2

RPT\_PERIOD: 201911

PREPARER NAME: Brian Cable

PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1336.00		
2. Maximum Dependable Capacity (MWe-Net)	1314.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	7,946.90	247,585.58
4. Number of Hours Generator On-line	720.00	7,926.23	245,406.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	959,655.60	10,440,610.35	311,033,318.81

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 529  
 UNIT\_NME: Palo Verde Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1336.00		
2. Maximum Dependable Capacity (MWe-Net)	1314.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,690.90	248,329.58
4. Number of Hours Generator On-line	744.00	8,670.23	246,150.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	993,899.94	11,434,510.29	312,027,218.75

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 530  
 UNIT\_NME: Palo Verde Unit 3  
 RPT\_PERIOD: 201910

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating: 1334.00  
 2. Maximum Dependable Capacity (MWe-Net) 1312.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	96.00	6,648.00	241,899.72
4. Number of Hours Generator On-line	96.00	6,648.00	239,967.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	116,080.08	8,732,729.06	301,376,074.13

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
19-01	10/5/2019	S	648.00	C	1	Manually tripped the RX to commence 21st refueling outage

**SUMMARY**

The unit began the month in Mode 1 with reactor at ~99.4% with RX power coast-down in progress. On October 4th at 2020 the unit began a planned RX power decrease to shut-down the RX for refueling. The reactor was manually tripped from ~24% power on October 5th at 0000 and entered Mode 3 to commence the R21 outage. The unit entered Mode 4 and Mode 5 on October 5th. The unit entered Mode 6 on October 10th. The unit entered a defueled condition on October 14th. The unit ended the month with RX defueled and R21 in progress.

**OPERATING DATA REPORT**

DOCKET: 530  
 UNIT\_NME: Palo Verde Unit 3  
 RPT\_PERIOD: 201911

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating: 1334.00  
 2. Maximum Dependable Capacity (MWe-Net) 1312.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	264.98	6,912.98	242,164.70
4. Number of Hours Generator On-line	227.97	6,875.97	240,195.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	254,863.21	8,987,592.27	301,630,937.34

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
19-01	10/5/2019	S	492.03	C	4	Manually tripped the RX to commence 21st refueling outage

**SUMMARY**

The unit began the month with the reactor defueled and R21 in progress. On November 5th the unit entered Mode 6, and Mode 5 on November 9th. The unit entered Mode 4 on November 13th and Mode 3 later that same day. During hot torque of the Reactor Coolant Loop 1A Safety Injection Check Valve, 3PSIEV237, the graphite pressure seal failed and the Unit was returned to Mode 5 to complete repairs, entering Mode 4 on November 14th and Mode 5 later the same day. On November 17th repairs were completed and the Unit re-entered Mode 4 and Mode 3. The Unit entered Mode 2 on November 19th and was taken critical that day at 2301 hours. Mode 1 was reached at 1140 hours on November 20th. The unit was synchronized to the grid at 0107 hours on November 21st, in preparation for planned over-speed testing. The turbine was taken offline on November 21st at 0827 hours for the over-speed test. Testing was completed successfully and the unit was re-synchronized to the grid on November 21st at 1202 hours. The Unit reached full power on November 24th and ended the month with reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 530  
 UNIT\_NME: Palo Verde Unit 3  
 RPT\_PERIOD: 201912

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1334.00		
2. Maximum Dependable Capacity (MWe-Net)	1312.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,656.98	242,908.70
4. Number of Hours Generator On-line	744.00	7,619.97	240,939.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	982,098.38	9,969,690.65	302,613,035.72

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1330.00		
2. Maximum Dependable Capacity (MWe-Net)	1232.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	323,105.96
4. Number of Hours Generator On-line	744.00	7,295.00	318,192.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	983,503.50	9,574,845.90	338,726,221.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

Unit 2 began the month of October at full power. Unit 2 ended the month of October at full power.

OPERATING DATA REPORT

DOCKET: 277

UNIT\_NME: Peach Bottom Unit 2

RPT\_PERIOD: 201911

PREPARER NAME: JM Marion

PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1330.00		
2. Maximum Dependable Capacity (MWe-Net)	1232.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	323,826.96
4. Number of Hours Generator On-line	721.00	8,016.00	318,913.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	968,627.30	10,543,473.20	339,694,848.30

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

Unit 2 began the month of November at full power. Unit 2 ended the month of November at full power.

**OPERATING DATA REPORT**

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: J M Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1330.00		
2. Maximum Dependable Capacity (MWe-Net)	1232.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	324,570.96
4. Number of Hours Generator On-line	744.00	8,760.00	319,657.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	990,732.60	11,534,205.80	340,685,580.90

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 2 began the month of December at 100% power. Turbine Valve Testing of Unit 2 started on 12/6/2019 at 23:00 PM and ended on 12/7/2019 at 19:00 PM B2 Water Box was isolated 12/20/2019 at 14:00 PM for tube leak and was restored 12/27/2019 at 18:00 PM Down power to repair Unit 2 condenser tube leak started on 12/27/2019 at 8:00 AM and ended on 12/27/2019 at 21:00 PM Unit 2 ended the month of December at 100% power.



**OPERATING DATA REPORT**

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201910

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating: 1331.00  
 2. Maximum Dependable Capacity (MWe-Net) 1251.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	480.67	7,031.67	321,768.75
4. Number of Hours Generator On-line	480.02	7,031.02	317,172.10
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	495,684.50	8,996,931.90	335,756,994.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
P3R22	10/21/2019	S	263.98	C	1	Planned Refueling Outage

**SUMMARY**

Unit 3 began the month of October at 85.5% power. Coast Down of Unit 3 has continued until 10/20/2019 at 12:00 PM. Ramp Down of Unit 3 began 10/20/2019 at 12:00 PM. Refueling Outage of Unit 3 began 10/21/2019 at 0:01 AM. Unit 3 ended the month of October at 0% power.

**OPERATING DATA REPORT**

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201911

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating: 1331.00  
 2. Maximum Dependable Capacity (MWe-Net) 1251.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	622.40	7,654.07	322,391.15
4. Number of Hours Generator On-line	602.85	7,633.87	317,774.95
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	760,792.30	9,757,724.20	336,517,786.80

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
P3R22	10/21/2019	S	118.15	C	4	Planned Refueling Outage

**SUMMARY**

Unit 3 began the month of November at 0% power in P3R22 Refueling Outage. P3R22 Refueling Outage of Unit 3 has continued until 11/5/19 at 1:36 AM Unit 3 Generator was Synched to the Grid on 11/5/2019 at 21:09 PM Ramp Up from P3R22 Refueling Outage started on 11/5/2019 at 21:09 PM Ramp Up from P3R22 Refueling Outage ended on 11/7/2019 at 23:33 PM LEFM Acceptance Test of Unit 3 started on 11/8/2019 at 00:00 AM Rod Pattern Adjustment of Unit 3 started on 11/8/2019 at 23:00 PM Rod Pattern Adjustment of Unit 3 ended on 11/9/2019 at 6:00 AM LEFM Acceptance Test of Unit 3 ended on 11/10/2019 at 20:00 PM Unit 3 ended the month of November at 100% power.

OPERATING DATA REPORT

DOCKET: 278

UNIT\_NME: Peach Bottom Unit 3

RPT\_PERIOD: 201912

PREPARER NAME: J M Marion

PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1331.00		
2. Maximum Dependable Capacity (MWe-Net)	1251.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,398.07	323,135.15
4. Number of Hours Generator On-line	744.00	8,377.87	318,518.95
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	1,003,906.60	10,761,630.80	337,521,693.40

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

Unit 3 began the month of December at 100% power. Unit 3 ended the month of November at 100% power.

**OPERATING DATA REPORT**

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Justin Truxall  
 PREPARER TELEPHONE: 4402805290

1. Design Electrical Rating:	1268.00		
2. Maximum Dependable Capacity (MWe-Net)	1240.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,504.76	237,464.78
4. Number of Hours Generator On-line	744.00	6,300.06	233,322.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	939,870.00	7,325,585.00	276,417,533.47

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

Other: 37.5 hrs / 54.4 Lost Gen Mwe - IOI-15 Seasonal Derate, Operational temperature limits reached  
 Planned Exempt: 0.7 hrs / 12.2 Lost Gen Mwe - Turbine Bypass Valve Testing

**OPERATING DATA REPORT**

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: James Pristov  
 PREPARER TELEPHONE: 440-280-7532

1. Design Electrical Rating:	1268.00		
2. Maximum Dependable Capacity (MWe-Net)	1240.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,225.76	238,185.78
4. Number of Hours Generator On-line	721.00	7,021.06	234,043.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	923,556.00	8,249,141.00	277,341,089.47

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Planned Exempt: 1.2 hrs / 20.6 Lost Gen Mwe - Turbine Control Valve Testing

**OPERATING DATA REPORT**

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: James Pristov  
 PREPARER TELEPHONE: 440-280-7532

1. Design Electrical Rating: 1268.00  
 2. Maximum Dependable Capacity (MWe-Net) 1240.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,969.76	238,929.78
4. Number of Hours Generator On-line	744.00	7,765.06	234,787.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	923,961.00	9,173,102.00	278,265,050.47

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

Planned Exempt: 49.5 hrs / 16688.0.0 Lost Gen Mwe - Sequence Exchange  
 Planned Exempt: 39.8 hrs / 4558.3 Lost Gen Mwe - Power Limited due to flow limitations post suppression test.  
 Unplanned Non Exempt: 49.5 hrs / 8846.2 Lost Gen Mwe - Suppression testing

**OPERATING DATA REPORT**

DOCKET: 266  
 UNIT\_NME: Point Beach Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating: 615.00  
 2. Maximum Dependable Capacity (MWe-Net) 576.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,668.25	367,545.27
4. Number of Hours Generator On-line	744.00	6,633.27	363,319.31
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	445,794.20	3,911,070.50	179,415,600.20

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY .

**OPERATING DATA REPORT**

DOCKET: 266  
 UNIT\_NME: Point Beach Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating: 615.00  
 2. Maximum Dependable Capacity (MWe-Net) 576.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,389.25	368,266.27
4. Number of Hours Generator On-line	721.00	7,354.27	364,040.31
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	434,955.30	4,346,025.80	179,850,555.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY .



**OPERATING DATA REPORT**

DOCKET: 266  
 UNIT\_NME: Point Beach Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating: 615.00  
 2. Maximum Dependable Capacity (MWe-Net) 576.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,133.25	369,010.27
4. Number of Hours Generator On-line	744.00	8,098.27	364,784.31
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	446,571.80	4,792,597.60	180,297,127.30

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY .

**OPERATING DATA REPORT**

DOCKET: 301  
 UNIT\_NME: Point Beach Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating: 615.00  
 2. Maximum Dependable Capacity (MWe-Net) 578.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	360,701.97
4. Number of Hours Generator On-line	744.00	7,295.00	357,099.16
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	450,820.20	4,350,795.20	179,271,208.30

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY .

**OPERATING DATA REPORT**

DOCKET: 301  
 UNIT\_NME: Point Beach Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating:	615.00		
2. Maximum Dependable Capacity (MWe-Net)	578.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	361,422.97
4. Number of Hours Generator On-line	721.00	8,016.00	357,820.16
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	438,510.30	4,789,305.50	179,709,718.60

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY .

**OPERATING DATA REPORT**

DOCKET: 301  
 UNIT\_NME: Point Beach Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating: 615.00  
 2. Maximum Dependable Capacity (MWe-Net) 578.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	362,166.97
4. Number of Hours Generator On-line	744.00	8,760.00	358,564.16
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	450,595.10	5,239,900.60	180,160,313.70

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY .

**OPERATING DATA REPORT**

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Jonathan Pomaes  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557.00		
2. Maximum Dependable Capacity (MWe-Net)	522.10		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	354,902.45
4. Number of Hours Generator On-line	744.00	7,295.00	352,087.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	411,867.00	3,956,511.00	179,846,280.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Unit 1 was baseloaded for the month October.

**OPERATING DATA REPORT**

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557.00		
2. Maximum Dependable Capacity (MWe-Net)	522.10		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	355,623.45
4. Number of Hours Generator On-line	721.00	8,016.00	352,808.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	401,293.00	4,357,804.00	180,247,573.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Unit 1 performed flexible power operations on November 21st.

**OPERATING DATA REPORT**

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Laura Jean Noonan  
 PREPARER TELEPHONE: 651-267-6449

1. Design Electrical Rating: 557.00  
 2. Maximum Dependable Capacity (MWe-Net) 522.10

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	356,367.45
4. Number of Hours Generator On-line	744.00	8,760.00	353,552.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	414,758.00	4,772,562.00	180,662,331.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY Unit 1 was base loaded for the month of December 2019.

**OPERATING DATA REPORT**

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Jonathan Pomaes  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating: 557.00  
 2. Maximum Dependable Capacity (MWe-Net) 518.80

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	208.17	6,759.17	350,337.33
4. Number of Hours Generator On-line	167.97	6,718.97	347,936.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	57,902.00	3,549,029.00	177,661,213.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
2R31	10/4/2019	S	576.03	C	1	scheduled refueling outage

SUMMARY      Unit 2 ramp down from cycle 2R30 1882.2 MWhr Unit 2 ramp up to cycle 2R31 15220.6 MWhr Unit 2 2R31 refueling outage 331219.2 MWhr



**OPERATING DATA REPORT**

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557.00		
2. Maximum Dependable Capacity (MWe-Net)	518.80		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,480.17	351,058.33
4. Number of Hours Generator On-line	721.00	7,439.97	348,657.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	402,535.00	3,951,564.00	178,063,748.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY Unit 2 was baseloaded for the month of November 2019.

**OPERATING DATA REPORT**

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Laura Jean Noonan  
 PREPARER TELEPHONE: 651-267-6449

1. Design Electrical Rating:	557.00		
2. Maximum Dependable Capacity (MWe-Net)	518.80		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,224.17	351,802.33
4. Number of Hours Generator On-line	744.00	8,183.97	349,401.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	415,846.00	4,367,410.00	178,479,594.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      Unit 2 was baseloaded for the month of December 2019.

**OPERATING DATA REPORT**

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	963.99		
2. Maximum Dependable Capacity (MWe-Net)	887.20		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,732.65	350,911.58
4. Number of Hours Generator On-line	744.00	6,637.00	344,794.48
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	685,775.00	6,050,953.00	257,641,160.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power the entire month, except for Sequence Exchange on October 19 for 1607.50 MWh Planned/Exempt Losses and Load following on October 1, 2, 8, 11, 12, 14, 15, 17, 18, and 21, totaling 7857.8 MWh excluded losses.

**OPERATING DATA REPORT**

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	963.99		
2. Maximum Dependable Capacity (MWe-Net)	887.20		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,453.65	351,632.58
4. Number of Hours Generator On-line	721.00	7,358.00	345,515.48
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	673,650.00	6,724,603.00	258,314,810.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power the entire month, except for load following on November 13, 15, 17, and 21; totaling 2243 MWh excluded losses.

**OPERATING DATA REPORT**

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	963.99		
2. Maximum Dependable Capacity (MWe-Net)	887.20		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,197.65	352,376.58
4. Number of Hours Generator On-line	744.00	8,102.00	346,259.48
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	696,451.00	7,421,054.00	259,011,261.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power the entire month, except for load following on December 21, 22, and 31; totaling 1586.1 MWh excluded losses.

**OPERATING DATA REPORT**

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	957.30		
2. Maximum Dependable Capacity (MWe-Net)	888.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	343,500.12
4. Number of Hours Generator On-line	744.00	7,295.00	338,162.03
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	680,242.00	6,664,160.00	259,646,909.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power the entire month, except for load following on October 1, 2, 8, 10, 11, 12, 14, 15, 18, 20, 21 and 23, totaling 12480 MWh excluded losses.

**OPERATING DATA REPORT**

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	957.30		
2. Maximum Dependable Capacity (MWe-Net)	888.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	344,221.12
4. Number of Hours Generator On-line	721.00	8,016.00	338,883.03
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	671,038.00	7,335,198.00	260,317,947.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power the entire month, except for Sequence Exchange on November 16 for 1483MWh Planned/Exempt losses and PPC Maintenance on 12 and 19 for 258 MWh Planned/Unexempt losses. Finally, Load following on November 13 for 466 MWh excluded losses.

**OPERATING DATA REPORT**

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	957.30		
2. Maximum Dependable Capacity (MWe-Net)	888.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	344,965.12
4. Number of Hours Generator On-line	744.00	8,760.00	339,627.03
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	693,851.00	8,029,049.00	261,011,798.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at full power the entire month, except for Sequence Exchange on December 14 for 1384.00 MWh Planned/Exempt losses.



**OPERATING DATA REPORT**

DOCKET: 458  
 UNIT\_NME: River Bend Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Dennis Pereira  
 PREPARER TELEPHONE: 225-381-4621

1. Design Electrical Rating: 967.00  
 2. Maximum Dependable Capacity (MWe-Net) 967.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	679.98	6,068.25	253,806.73
4. Number of Hours Generator On-line	665.88	5,984.85	248,530.33
5. Reserve Shutdown Hours	0.00	938.00	938.00
6. Net Electrical energy Generated (MWHrs)	575,810.00	5,142,808.00	228,828,764.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
FO-19-01	10/11/2019	F	78.12	A	1	Repair 'A' Recirculation Pump

SUMMARY Exempt - Planned Rod Pattern Adjustment.

**OPERATING DATA REPORT**

DOCKET: 458  
 UNIT\_NME: River Bend Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Pereira  
 PREPARER TELEPHONE: 2253814621

1. Design Electrical Rating:	967.00		
2. Maximum Dependable Capacity (MWe-Net)	967.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,789.25	254,527.73
4. Number of Hours Generator On-line	721.00	6,705.85	249,251.33
5. Reserve Shutdown Hours	0.00	938.00	938.00
6. Net Electrical energy Generated (MWHrs)	701,604.00	5,844,412.00	229,530,368.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY	Unplanned Energy Loss - Feedwater Oil Pump Leak. Circulation Water Pump Trip.					
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**OPERATING DATA REPORT**

DOCKET: 458  
 UNIT\_NME: River Bend Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Pereira  
 PREPARER TELEPHONE: 4621

1. Design Electrical Rating:	967.00		
2. Maximum Dependable Capacity (MWe-Net)	967.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,533.25	255,271.73
4. Number of Hours Generator On-line	744.00	7,449.85	249,995.33
5. Reserve Shutdown Hours	0.00	938.00	938.00
6. Net Electrical energy Generated (MWHrs)	730,359.00	6,574,771.00	230,260,727.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
SUMMARY	None					

**OPERATING DATA REPORT**

DOCKET: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Bruce Chewning  
 PREPARER TELEPHONE: 8439513845

1. Design Electrical Rating: 795.00  
 2. Maximum Dependable Capacity (MWe-Net) 741.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,750.28	342,833.85
4. Number of Hours Generator On-line	744.00	6,743.45	338,995.54
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	579,093.00	5,220,221.00	233,763,281.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY n/a

**OPERATING DATA REPORT**

DOCKET: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Bruce Chewning  
 PREPARER TELEPHONE: 8439513845

1. Design Electrical Rating: 795.00  
 2. Maximum Dependable Capacity (MWe-Net) 741.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,471.28	343,554.85
4. Number of Hours Generator On-line	721.00	7,464.45	339,716.54
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	569,012.00	5,789,233.00	234,332,293.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY N/A

**OPERATING DATA REPORT**

DOCKET: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Bruce Chewning  
 PREPARER TELEPHONE: 843-951-3845

1. Design Electrical Rating: 795.00  
 2. Maximum Dependable Capacity (MWe-Net) 741.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,215.28	344,298.85
4. Number of Hours Generator On-line	744.00	8,208.45	340,460.54
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	587,086.00	6,376,319.00	234,919,379.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY N/A

**OPERATING DATA REPORT**

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Tim Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating:	1169.00		
2. Maximum Dependable Capacity (MWe-Net)	1116.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,706.49	276,800.16
4. Number of Hours Generator On-line	744.00	5,688.72	270,898.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	868,474.00	6,263,051.00	292,982,053.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The month began with the unit online and the reactor at 100.0% CTP. Zero (0) unplanned power changes greater than 20% occurred in October 2019. The month ended with the unit online and the reactor critical at 100.0% CTP.

**OPERATING DATA REPORT**

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Tim Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating:	1169.00		
2. Maximum Dependable Capacity (MWe-Net)	1116.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,427.49	277,521.16
4. Number of Hours Generator On-line	721.00	6,409.72	271,619.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	847,034.00	7,110,085.00	293,829,087.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The month began with the unit online and the reactor at 99.9% CTP. Zero (0) unplanned power changes greater than 20% occurred in November 2019. One (1) planned power change greater than 20% occurred for Turbine Valve Testing The month ended with the unit online and the reactor critical at 99.6% CTP.



**OPERATING DATA REPORT**

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Tim Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating:	1169.00		
2. Maximum Dependable Capacity (MWe-Net)	1116.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,171.49	278,265.16
4. Number of Hours Generator On-line	744.00	7,153.72	272,363.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	880,218.00	7,990,303.00	294,709,305.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The month began with the unit online and the reactor at 100% CTP. Zero (0) unplanned power changes greater than 20% occurred in December 2019. The month ended with the unit online and the reactor critical at 100% CTP.

**OPERATING DATA REPORT**

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Tim Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating:	1181.00		
2. Maximum Dependable Capacity (MWe-Net)	1134.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,202.09	255,098.16
4. Number of Hours Generator On-line	744.00	7,185.29	249,806.03
5. Reserve Shutdown Hours	0.00	0.00	6.00
6. Net Electrical energy Generated (MWHrs)	861,819.00	8,293,021.00	270,705,760.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The month began with the unit online and the reactor at 99.9% CTP. Zero (0) unplanned power changes greater than 20% occurred in October 2019. The month ended with the unit online and the reactor critical at 99.9% CTP.

**OPERATING DATA REPORT**

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Tim Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating:	1181.00		
2. Maximum Dependable Capacity (MWe-Net)	1134.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,923.09	255,819.16
4. Number of Hours Generator On-line	721.00	7,906.29	250,527.03
5. Reserve Shutdown Hours	0.00	0.00	6.00
6. Net Electrical energy Generated (MWHrs)	838,758.00	9,131,779.00	271,544,518.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The month began with the unit online and the reactor at 100% CTP. Zero (0) unplanned power changes greater than 20% occurred in November 2019. The month ended with the unit online and the reactor critical at 99.9% CTP.

**OPERATING DATA REPORT**

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Tim Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating:	1181.00		
2. Maximum Dependable Capacity (MWe-Net)	1134.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,667.09	256,563.16
4. Number of Hours Generator On-line	744.00	8,650.29	251,271.03
5. Reserve Shutdown Hours	0.00	0.00	6.00
6. Net Electrical energy Generated (MWHrs)	867,233.00	9,999,012.00	272,411,751.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The month began with the unit online and the reactor at 100% CTP. Zero (0) unplanned power changes greater than 20% occurred in December 2019. The month ended with the unit online and the reactor critical at 100% CTP.

**OPERATING DATA REPORT**

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Kevin Randall  
 PREPARER TELEPHONE: 603.773.7992

1. Design Electrical Rating:	1248.00		
2. Maximum Dependable Capacity (MWe-Net)	1246.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	231,794.16
4. Number of Hours Generator On-line	744.00	7,295.00	228,096.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	926,598.79	9,092,769.72	268,355,527.63

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at 100% power 739 out of 744 hours this month. This yielded an availability factor of 100% and a capacity factor of 99.95% based on the MDC of 1246 MWe.

**OPERATING DATA REPORT**

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Kevin Randall  
 PREPARER TELEPHONE: 603.773.7992

1. Design Electrical Rating:	1248.00		
2. Maximum Dependable Capacity (MWe-Net)	1246.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	232,515.16
4. Number of Hours Generator On-line	721.00	8,016.00	228,817.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	885,488.73	9,978,258.45	269,241,016.36

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

**SUMMARY**

The unit operated at 100% power 655 out of 721 hours this month. This yielded an availability factor of 100% and a capacity factor of 98.57% based on the MDC of 1246 MWe.

**OPERATING DATA REPORT**

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Kevin Randall  
 PREPARER TELEPHONE: 603.773.7992

1. Design Electrical Rating:	1248.00		
2. Maximum Dependable Capacity (MWe-Net)	1246.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	233,259.16
4. Number of Hours Generator On-line	744.00	8,760.00	229,561.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	928,019.27	10,906,277.72	270,169,035.63

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

The unit operated at 100% power 744 out of 744 hours this month. This yielded an availability factor of 100% and a capacity factor of 100.107% based on the MDC of 1246 MWe.

**OPERATING DATA REPORT**

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Hilton, Kristin  
 PREPARER TELEPHONE: Hilton, Kristin

1. Design Electrical Rating: 1184.37  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	263.98	6,714.23	259,327.16
4. Number of Hours Generator On-line	263.68	6,693.98	256,429.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	189,606.40	7,267,020.10	285,136,786.60

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1	10/11/2019	S	480.32	C	1	U1R23 RFO

**SUMMARY**

U1 NRC Capacity Factor is 22.1% for the month of October 2019.



**OPERATING DATA REPORT**

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Hilton, Kristin  
 PREPARER TELEPHONE: Hilton, Kristin

1. Design Electrical Rating: 1184.37  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	110.63	6,824.86	259,437.79
4. Number of Hours Generator On-line	87.25	6,781.23	256,516.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	58,980.30	7,326,000.40	285,195,766.90

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1	10/11/2019	S	633.75	C	4	U1R23 RFO

**SUMMARY**

U1 NRC Capacity Factor is 7.1% for the month of November 2019.

**OPERATING DATA REPORT**

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Kristin J Hilton  
 PREPARER TELEPHONE: Kristin J Hilton

1. Design Electrical Rating:	1184.37		
2. Maximum Dependable Capacity (MWe-Net)	1152.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,568.86	260,181.79
4. Number of Hours Generator On-line	744.00	7,525.23	257,260.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	863,635.30	8,189,635.70	286,059,402.20

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY U1 NRC Capacity Factor is 100.8% for the month of December 2019.

**OPERATING DATA REPORT**

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Hilton, Kristin  
 PREPARER TELEPHONE: Hilton, Kristin

1. Design Electrical Rating:	1177.46		
2. Maximum Dependable Capacity (MWe-Net)	1139.50		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	265,447.00
4. Number of Hours Generator On-line	744.00	7,295.00	262,183.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	827,944.60	8,286,139.90	287,456,400.80

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY U2 NRC Capacity Factor is 97.7% for the month of October 2019.

**OPERATING DATA REPORT**

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Hilton, Kristin  
 PREPARER TELEPHONE: Hilton, Kristin

1. Design Electrical Rating:	1177.46		
2. Maximum Dependable Capacity (MWe-Net)	1139.50		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	266,168.00
4. Number of Hours Generator On-line	721.00	8,016.00	262,904.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	831,833.70	9,117,973.60	288,288,234.50

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY U2 NRC Capacity Factor is 101.2% for the month of November 2019.

**OPERATING DATA REPORT**

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Kristin J Hilton  
 PREPARER TELEPHONE: Kristin J Hilton

1. Design Electrical Rating: 1177.46  
 2. Maximum Dependable Capacity (MWe-Net) 1139.50

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.03	8,736.03	266,888.03
4. Number of Hours Generator On-line	695.85	8,711.85	263,600.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	757,006.70	9,874,980.30	289,045,241.20

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1	12/12/2019	F	48.15	A	2	Manual Scram to #3 HDT Pumps tripped out Turbine Runback

**SUMMARY**

U2 NRC Capacity Factor is 89.3% for the month of December 2019.

**OPERATING DATA REPORT**

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: R. L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.60		
2. Maximum Dependable Capacity (MWe-Net)	1250.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	234,798.34
4. Number of Hours Generator On-line	744.00	7,295.00	229,882.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	971,421.00	9,567,063.00	291,928,526.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY	Normal operation
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**OPERATING DATA REPORT**

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: R. L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.60		
2. Maximum Dependable Capacity (MWe-Net)	1250.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	235,519.34
4. Number of Hours Generator On-line	721.00	8,016.00	230,603.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	958,592.00	10,525,655.00	292,887,118.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY	Normal operations
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**OPERATING DATA REPORT**

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: R. L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.60		
2. Maximum Dependable Capacity (MWe-Net)	1250.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	236,263.34
4. Number of Hours Generator On-line	744.00	8,760.00	231,347.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	989,674.00	11,515,329.00	293,876,792.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY	Normal operations
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**OPERATING DATA REPORT**

DOCKET: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: R. L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating: 1250.60  
 2. Maximum Dependable Capacity (MWe-Net) 1250.60

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	95.37	6,646.37	225,423.86
4. Number of Hours Generator On-line	95.37	6,646.37	222,757.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	117,312.00	8,728,822.00	282,708,781.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
87	10/4/2019	S	648.63	C	1	U2 shut down for refueling outage 2RE20

SUMMARY      Refueling outage

**OPERATING DATA REPORT**

DOCKET: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: R. L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating: 1250.60  
 2. Maximum Dependable Capacity (MWe-Net) 1250.60

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	651.43	7,297.80	226,075.29
4. Number of Hours Generator On-line	617.95	7,264.32	223,375.52
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	795,448.00	9,524,270.00	283,504,229.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
87	10/4/2019	S	103.05	C	4	U2 shut down for refueling outage 2RE20

**SUMMARY**

Planned refueling outage in addition to unplanned reactor power reduction to 99.5% to allow margin due to U1118 unreliability.

**OPERATING DATA REPORT**

DOCKET: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: R. L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.60		
2. Maximum Dependable Capacity (MWe-Net)	1250.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,041.80	226,819.29
4. Number of Hours Generator On-line	744.00	8,008.32	224,119.52
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	994,628.00	10,518,898.00	284,498,857.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY	Normal operations
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**OPERATING DATA REPORT**

DOCKET: 335  
 UNIT\_NME: St. Lucie Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating: 1062.00  
 2. Maximum Dependable Capacity (MWe-Net) 981.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	312.03	5,179.31	314,895.72
4. Number of Hours Generator On-line	312.02	5,152.27	312,155.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	296,899.00	5,093,629.00	265,774,880.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
55	10/14/2019	S	431.98	C	1	scheduled refueling and maintenance

**SUMMARY**

PSL 1 operated in mode 1 until 00:01 on 10/14/2019 when PSL 1 entered mode 3. PSL 1 remained offline thru the end of the report period.

**OPERATING DATA REPORT**

DOCKET: 335  
 UNIT\_NME: St. Lucie Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating: 1062.00  
 2. Maximum Dependable Capacity (MWe-Net) 981.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	299.57	5,478.88	315,195.29
4. Number of Hours Generator On-line	287.02	5,439.29	312,442.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	258,991.00	5,352,620.00	266,033,871.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
55	10/14/2019	S	433.98	C	4	scheduled refueling and maintenance

**SUMMARY**

PSL 1 returned to mode 1 operation at 20:57 on 11/18/2019. PSL 1 remained in mode 1 thru the end of the report period.

OPERATING DATA REPORT

DOCKET: 335

UNIT\_NME: St. Lucie Unit 1

RPT\_PERIOD: 201912

PREPARER NAME: K R Boller

PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1062.00		
2. Maximum Dependable Capacity (MWe-Net)	981.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,222.88	315,939.29
4. Number of Hours Generator On-line	744.00	6,183.29	313,186.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	745,510.00	6,098,130.00	266,779,381.00

UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

PSL 1 operated in mode 1 the entire report period.

**OPERATING DATA REPORT**

DOCKET: 389  
 UNIT\_NME: St. Lucie Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1074.00		
2. Maximum Dependable Capacity (MWe-Net)	987.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	276,050.76
4. Number of Hours Generator On-line	744.00	7,295.00	273,405.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	749,022.00	7,387,586.00	235,916,556.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY PSL 2 operated in mode 1 the entire report period.

**OPERATING DATA REPORT**

DOCKET: 389  
 UNIT\_NME: St. Lucie Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1074.00		
2. Maximum Dependable Capacity (MWe-Net)	987.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	276,771.76
4. Number of Hours Generator On-line	721.00	8,016.00	274,126.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	731,703.00	8,119,289.00	236,648,259.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY PSL 2 operated in mode 1 the entire report period.



**OPERATING DATA REPORT**

DOCKET: 389  
 UNIT\_NME: St. Lucie Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1074.00		
2. Maximum Dependable Capacity (MWe-Net)	987.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	277,515.76
4. Number of Hours Generator On-line	744.00	8,760.00	274,870.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	757,683.00	8,876,972.00	237,405,942.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY PSL 2 operated in mode 1 the entire report period.

**OPERATING DATA REPORT**

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: A.B. Hall  
 PREPARER TELEPHONE: 803-345-4392

1. Design Electrical Rating:	972.70		
2. Maximum Dependable Capacity (MWe-Net)	966.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	272,098.37
4. Number of Hours Generator On-line	744.00	7,295.00	269,395.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	735,003.00	7,198,219.00	248,497,297.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      There were no unit shutdowns during October 2019.

**OPERATING DATA REPORT**

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Andrew B. Hall  
 PREPARER TELEPHONE: 803-345-4392

1. Design Electrical Rating: 972.70  
 2. Maximum Dependable Capacity (MWe-Net) 966.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	389.15	7,684.15	272,487.52
4. Number of Hours Generator On-line	363.32	7,658.32	269,759.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	311,045.00	7,509,264.00	248,808,342.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type F: Forced S: Scheduled</b>	<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
1	11/7/2019	F	321.67	A	1	Repairs were made to restore one RBCU to service
2	11/28/2019	F	36.02	A	1	Repairs were made to replace the damaged tubing

**SUMMARY**

There were two unit shutdowns during November 2019. The first shutdown was to repair damaged Reactor Building Cooling Units. The outage spanned 11/7/2019 to 11/20/2019. Total duration of the first outage was 321.68 hours. The second shutdown was to repair a damaged piece of instrumentation tubing. The outage spanned from 11/28/2019 to 11/30/2019. Total duration of the second outage was 36.02 hours.

**OPERATING DATA REPORT**

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Andrew Hall  
 PREPARER TELEPHONE: 803-345-4392

1. Design Electrical Rating:	972.70		
2. Maximum Dependable Capacity (MWe-Net)	966.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,428.15	273,231.52
4. Number of Hours Generator On-line	744.00	8,402.32	270,503.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	739,172.00	8,248,436.00	249,547,514.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      There were no unit shutdowns during December 2019.

**OPERATING DATA REPORT**

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	433.85	6,984.85	330,061.71
4. Number of Hours Generator On-line	433.83	6,984.83	326,803.45
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	365,872.80	5,995,019.25	255,155,671.38

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
1G-25	10/19/2019	S	310.17	C	1	RFO Outage 10/18/19, Breaker Open 10/19/19 0150, Breaker Closed 11/29/19 2112

**SUMMARY**

Unit 1 ran around or at 100% the beginning of October. On 10/6/19 at 0300 hours, 1A condenser waterbox was removed from service for cleaning reducing output by 17 MWe and was returned to service on 10/8/19 at 2250. On 10/9/19 at 0300 hours, 1D condenser waterbox was removed from service for cleaning reducing output by 17 MWe until 10/10/19 at 1900. On 10/10/19 at 1900 1D condenser water box remained out of service for scheduled maintenance through to 10/18/19 at 2040 hours when Unit 1 commenced ramp down for the planned RFO reducing output by 9 MWe. Unit 1 commence ramp down on 10/18/19 at 2040 hours. 10/19/19 at 0150 hours opened generator output breakers. 10/19/19 at 0151, Unit 1 is offline and non-critical. Unit will remain off line for the remainder of October for the planned RFO.

**OPERATING DATA REPORT**

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	46.67	7,031.52	330,108.38
4. Number of Hours Generator On-line	26.80	7,011.63	326,830.25
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	6,470.15	6,001,489.40	255,162,141.53

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1G-25	10/19/2019	S	694.20	C	4	RFO Outage 10/18/19, Breaker Open 10/19/19 0150, Breaker Closed 11/29/19 2112

**SUMMARY**

Continuation from October 2019: Unit 1 remained offline for the scheduled RFO until 11/29/2019 11/29/19, Rx Critical 0120.  
 11/30/19, Unit online and at 61%, 520 MWe month end.

**OPERATING DATA REPORT**

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,775.52	330,852.38
4. Number of Hours Generator On-line	744.00	7,755.63	327,574.25
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	640,594.32	6,642,083.72	255,802,735.85

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 1 started December at 0000 ramping from 61% power 520 MWe to full power 12/2/2019 0409 and 912 MWe. Reduced unit power from 100% to 99.7% on 12/11/19 due to secondary 1st Point Feedwater Heater Level Control Valve Oscillations. 99.7% held until 12/15/19 and reduced unit power to 87.8% on 12/15/19 due to worsening secondary 1st Point Feedwater Heater Level Control Valve Oscillation in order to repair valve. Ramped unit from 88.5% power, 803 MWe at 12/16/19 1658 to full power 913 MWe on 12/16/19 2147 after completing repairs.

**OPERATING DATA REPORT**

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	327,806.37
4. Number of Hours Generator On-line	744.00	7,295.00	324,939.42
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	644,575.76	6,251,028.29	254,078,857.55

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY Unit 2 ran at or around 100% for the month of October.



**OPERATING DATA REPORT**

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	328,527.37
4. Number of Hours Generator On-line	721.00	8,016.00	325,660.42
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	630,239.80	6,881,268.09	254,709,097.35

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY                      Unit 2 ran at or around 100% for the month of November

**OPERATING DATA REPORT**

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	329,271.37
4. Number of Hours Generator On-line	744.00	8,760.00	326,404.42
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	649,626.20	7,530,894.29	255,358,723.55

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

Unit 2 ran at or near 100% until 12/4/19 at 0916 to perform Turbine Valve Freedom Movement Test with an output loss of 51 MWe. Unit returned to 100% on 12/4/19 at 1307 and held power until 12/10/19 at 0003. Performed Circulating Water MOV Stroke Timing Test with an output loss of 19 MWe, unit returned to full power 12/10/19 0411. Unit ran at or near 100% for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	275,451.82
4. Number of Hours Generator On-line	744.00	7,295.00	271,912.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	945,349.00	9,253,858.00	301,893,121.70

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

There was one power reduction greater than 20% this month. On 10/4/2019 a downpower from 99.7% to a low of 75.1% was performed for a planned control rod sequence exchange. Full power was achieved on 10/05/2019.

**OPERATING DATA REPORT**

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	276,172.82
4. Number of Hours Generator On-line	721.00	8,016.00	272,633.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	916,957.00	10,170,815.00	302,810,078.70

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

There were two planned power changes greater than 20% this month. On 11/01/19 power was reduced from 99.7% to a low power of 65.8%, for a planned Control Rod Sequence Exchange. Power was returned to full power on 11/2/19. Another planned power reduction for Control Rod Pattern Adjustment was performed on 11/27/19 with a reduction from 95% to 68% power. A stable power plateau of 97% was achieved on 11/28/19.

**OPERATING DATA REPORT**

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	276,916.82
4. Number of Hours Generator On-line	744.00	8,760.00	273,377.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	934,248.00	11,105,063.00	303,744,326.70

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

There were two power reductions greater than 20% this month: On 12/22/19 reduced power from 97.5 % to a low of 72.9% to perform a planned control rod pattern adjustment. On 12/23/19 returned to 97% power. On 12/31/19, reduced power from 97.4% to a low of 73.1% power for a planned Control Rod pattern adjustment. The Reactor returned to 97.4% power later on 12/31/19. Note: As of 11/22/19 the load dispatcher (PJM) has initiated a temporary maximum production restriction of 1260 MWE Net. Therefore temporarily, normal operating Reactor power will be approximately 98%.

**OPERATING DATA REPORT**

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,623.71	271,545.94
4. Number of Hours Generator On-line	744.00	6,594.77	268,365.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	943,769.00	8,015,757.00	300,242,800.30

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      There were no power reductions greater than 20% this month.

**OPERATING DATA REPORT**

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,344.71	272,266.94
4. Number of Hours Generator On-line	721.00	7,315.77	269,086.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	917,940.00	8,933,697.00	301,160,740.30

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY      There were no power reductions greater than 20% this month.

**OPERATING DATA REPORT**

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,088.71	273,010.94
4. Number of Hours Generator On-line	744.00	8,059.77	269,830.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	933,938.00	9,867,635.00	302,094,678.30

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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**SUMMARY**

There was one power reduction greater than 20% this month: On 12/20/19 a planned power reduction from 98% power began for a planned Control Rod sequence exchange. Power was reduced to a low of 73%. On 12/21/19 97.9% power was achieved. Note: As of 11/22/19 the load dispatcher (PJM) has initiated a temporary maximum production restriction of 1260 MWE Net. Therefore temporarily, normal operating Reactor power will be approximately 98%.



**OPERATING DATA REPORT**

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201910

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 305-246-7106

1. Design Electrical Rating:	844.00		
2. Maximum Dependable Capacity (MWe-Net)	837.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,266.35	325,024.42
4. Number of Hours Generator On-line	744.00	7,261.47	321,299.60
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	643,213.26	6,256,105.83	220,887,636.07

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY PTN Unit 3 was at approximately 100% reactor power for the month.

**OPERATING DATA REPORT**

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201911

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating:	844.00		
2. Maximum Dependable Capacity (MWe-Net)	837.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,987.35	325,745.42
4. Number of Hours Generator On-line	721.00	7,982.47	322,020.60
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	627,618.34	6,883,724.17	221,515,254.41

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY PTN Unit 3 was at approximately 100% reactor Power for the month.

**OPERATING DATA REPORT**

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201912

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 305-246-7106

1. Design Electrical Rating:	844.00		
2. Maximum Dependable Capacity (MWe-Net)	837.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,731.35	326,489.42
4. Number of Hours Generator On-line	744.00	8,726.47	322,764.60
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	649,970.65	7,533,694.82	222,165,225.06

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY PTN Unit 3 was at approximately 100% reactor power for the month.

**OPERATING DATA REPORT**

DOCKET: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201910

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 305-246-7106

1. Design Electrical Rating:	840.00		
2. Maximum Dependable Capacity (MWe-Net)	821.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,583.64	323,679.00
4. Number of Hours Generator On-line	744.00	6,546.57	318,237.10
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	619,770.51	5,374,831.44	220,901,786.82

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY PTN Unit 4 was at approximately 100% reactor power for the month.

**OPERATING DATA REPORT**

DOCKET: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201911

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating:	840.00		
2. Maximum Dependable Capacity (MWe-Net)	821.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,304.64	324,400.00
4. Number of Hours Generator On-line	721.00	7,267.57	318,958.10
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	605,341.40	5,980,172.84	221,507,128.22

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY PTN Unit 4 was at approximately 100% reactor power for the month.

**OPERATING DATA REPORT**

DOCKET: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201912

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 305-246-7106

1. Design Electrical Rating:	840.00		
2. Maximum Dependable Capacity (MWe-Net)	821.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,048.64	325,144.00
4. Number of Hours Generator On-line	744.00	8,011.57	319,702.10
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	628,569.64	6,608,742.48	222,135,697.86

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY PTN Unit 4 was at approximately 100% reactor power for the month.

**OPERATING DATA REPORT**

DOCKET: 424  
 UNIT\_NME: Vogtle Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: Daniel Stephens  
 PREPARER TELEPHONE: 7068483529

1. Design Electrical Rating: 1169.00  
 2. Maximum Dependable Capacity (MWe-Net) 1150.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	261,387.97
4. Number of Hours Generator On-line	744.00	7,295.00	258,910.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	868,787.00	8,558,564.00	295,502,790.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      No loss in October. DES

**OPERATING DATA REPORT**

DOCKET: 424  
 UNIT\_NME: Vogtle Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: Daniel Stephens  
 PREPARER TELEPHONE: 7068483529

1. Design Electrical Rating: 1169.00  
 2. Maximum Dependable Capacity (MWe-Net) 1150.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	262,108.97
4. Number of Hours Generator On-line	721.00	8,016.00	259,631.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	856,335.00	9,414,899.00	296,359,125.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
SUMMARY						No Energy Loss. DES



**OPERATING DATA REPORT**

DOCKET: 424  
 UNIT\_NME: Vogtle Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: Daniel Stephens  
 PREPARER TELEPHONE: 7068483529

1. Design Electrical Rating: 1169.00  
 2. Maximum Dependable Capacity (MWe-Net) 1150.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	262,852.97
4. Number of Hours Generator On-line	744.00	8,760.00	260,375.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	882,124.00	10,297,023.00	297,241,249.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY                      Generation data for December

**OPERATING DATA REPORT**

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: Daniel Stephens  
 PREPARER TELEPHONE: 7068483529

1. Design Electrical Rating: 1169.00  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,707.38	246,262.41
4. Number of Hours Generator On-line	744.00	6,612.69	244,560.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	874,612.00	7,749,351.00	280,144,267.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      No loss in October. DES

**OPERATING DATA REPORT**

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: Daniel Stephens  
 PREPARER TELEPHONE: 7068483529

1. Design Electrical Rating: 1169.00  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,428.38	246,983.41
4. Number of Hours Generator On-line	721.00	7,333.69	245,281.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	861,034.00	8,610,385.00	281,005,301.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      No Energy Loss. DES

**OPERATING DATA REPORT**

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: Daniel Stephens  
 PREPARER TELEPHONE: 7068483529

1. Design Electrical Rating: 1169.00  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,172.38	247,727.41
4. Number of Hours Generator On-line	744.00	8,077.69	246,025.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,716.00	9,457,101.00	281,852,017.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY      Generation data for December including U2 derate for waterbox isolation due to tube leak and high cation conductivity. DES

**OPERATING DATA REPORT**

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201910

PREPARER NAME: James Murphy  
 PREPARER TELEPHONE: 504-739-6236

1. Design Electrical Rating: 1173.00  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,171.28	262,955.10
4. Number of Hours Generator On-line	744.00	5,065.02	260,984.91
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	880,766.00	5,874,899.00	289,577,911.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

In October 2019, there were planned generation losses of 345 MWH due to a minor plant down power of ~1% to perform Main Steam pressure loop calibrations.

**OPERATING DATA REPORT**

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201911

PREPARER NAME: James Murphy  
 PREPARER TELEPHONE: 504-739-6236

1. Design Electrical Rating:	1173.00		
2. Maximum Dependable Capacity (MWe-Net)	1152.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	5,892.28	263,676.10
4. Number of Hours Generator On-line	721.00	5,786.02	261,705.91
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	854,113.00	6,729,012.00	290,432,024.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

In November 2019, there were no planned or unplanned generation losses.

**OPERATING DATA REPORT**

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201912

PREPARER NAME: James Murphy  
 PREPARER TELEPHONE: 504-739-6236

1. Design Electrical Rating: 1173.00  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,636.28	264,420.10
4. Number of Hours Generator On-line	744.00	6,530.02	262,449.91
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	883,492.00	7,612,504.00	291,315,516.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY

In December 2019, there were no planned or unplanned generation losses.

**OPERATING DATA REPORT**

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: C. A Barker  
 PREPARER TELEPHONE: 423-365-1771

1. Design Electrical Rating: 1173.00  
 2. Maximum Dependable Capacity (MWe-Net) 1157.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	235.32	6,206.51	185,718.68
4. Number of Hours Generator On-line	222.02	6,049.94	184,588.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	228,909.30	7,002,922.10	207,369,849.88

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
F02	8/31/2019	F	521.98	A	4	WBN Unit 1 was manually tripped due to a loss of control of #2 feed water regulating valve (1-FCV-3-48) . Repaired Valve LER 390-2019-003-00

**SUMMARY**

Unit 1 NRC Capacity Factor is 26.59% for the month of October 2019



**OPERATING DATA REPORT**

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: M.K. JORDAN  
 PREPARER TELEPHONE: 423-365-3915

1. Design Electrical Rating:	1173.00		
2. Maximum Dependable Capacity (MWe-Net)	1157.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,927.51	186,439.68
4. Number of Hours Generator On-line	721.00	6,770.94	185,309.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	854,038.00	7,856,960.10	208,223,887.88

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

Unit 1 NRC Capacity Factor is 102.38% for the month of November 2019

**OPERATING DATA REPORT**

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: MK JORDAN  
 PREPARER TELEPHONE: 423-365-3915

1. Design Electrical Rating:	1173.00		
2. Maximum Dependable Capacity (MWe-Net)	1157.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,671.51	187,183.68
4. Number of Hours Generator On-line	744.00	7,514.94	186,053.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	879,032.50	8,735,992.60	209,102,920.38

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

Unit 1 NRC Capacity Factor is 102.12% for the month of December 2019

**OPERATING DATA REPORT**

DOCKET: 391  
 UNIT\_NME: Watts Bar Unit 2  
 RPT\_PERIOD: 201910

PREPARER NAME: C. A. Barker  
 PREPARER TELEPHONE: 423-365-1771

1. Design Electrical Rating:	1170.00		
2. Maximum Dependable Capacity (MWe-Net)	1164.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,429.06	21,108.50
4. Number of Hours Generator On-line	744.00	6,356.23	20,727.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	860,999.70	7,203,390.10	23,680,551.30

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

Unit 2 NRC Capacity Factor is 99.42% for the month of October 2019

**OPERATING DATA REPORT**

DOCKET: 391  
 UNIT\_NME: Watts Bar Unit 2  
 RPT\_PERIOD: 201911

PREPARER NAME: M.K. JORDAN  
 PREPARER TELEPHONE: 423-365-3915

1. Design Electrical Rating:	1170.00		
2. Maximum Dependable Capacity (MWe-Net)	1164.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,150.06	21,829.50
4. Number of Hours Generator On-line	721.00	7,077.23	21,448.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	857,286.00	8,060,676.10	24,537,837.30

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

Unit 2 NRC Capacity Factor is 102.15% for the month of November 2019

**OPERATING DATA REPORT**

DOCKET: 391  
 UNIT\_NME: Watts Bar Unit 2  
 RPT\_PERIOD: 201912

PREPARER NAME: MK JORDAN  
 PREPARER TELEPHONE: 423-836-3915

1. Design Electrical Rating:	1170.00		
2. Maximum Dependable Capacity (MWe-Net)	1164.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,894.06	22,573.50
4. Number of Hours Generator On-line	744.00	7,821.23	22,192.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	884,276.50	8,944,952.60	25,422,113.80

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

Unit 2 NRC Capacity Factor is 102.11% for the month of December 2019

**OPERATING DATA REPORT**

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201910

PREPARER NAME: R D Benham  
 PREPARER TELEPHONE: 620-364-8831

1. Design Electrical Rating: 1200.00  
 2. Maximum Dependable Capacity (MWe-Net) 1164.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	0.00	6,311.00	257,680.43
4. Number of Hours Generator On-line	0.00	6,311.00	255,843.33
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	0.00	7,659,190.00	296,264,399.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
19-01	9/21/2019	S	744.00	C	4	Plant shutdown for scheduled refueling outage

**SUMMARY**

On September 21, 2019, Wolf Creek Generating Station began Refueling Outage 23. The unit remained off line through the month of October 2019.

**OPERATING DATA REPORT**

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201911

PREPARER NAME: R D Benham  
 PREPARER TELEPHONE: 620-364-8831

1. Design Electrical Rating: 1200.00  
 2. Maximum Dependable Capacity (MWe-Net) 1164.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	601.17	6,912.17	258,281.60
4. Number of Hours Generator On-line	588.10	6,899.10	256,431.43
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	683,874.00	8,343,064.00	296,948,273.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
19-01	9/21/2019	S	132.90	C	4	Plant shutdown for scheduled refueling outage

**SUMMARY**

On September 21, 2019, Wolf Creek Generating Station began Refuel Outage 23. The unit remained offline through the month of October and returned to operation on November 6, 2019. The unit continued to operate in Mode 1 at or near 100% power through November 30, 2019.

**OPERATING DATA REPORT**

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201912

PREPARER NAME: R D Benham  
 PREPARER TELEPHONE: 620-364-8831

1. Design Electrical Rating:	1200.00		
2. Maximum Dependable Capacity (MWe-Net)	1164.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,656.17	259,025.60
4. Number of Hours Generator On-line	744.00	7,643.10	257,175.43
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	912,353.00	9,255,417.00	297,860,626.00

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
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SUMMARY

The unit operated in mode 1, at or near 100% power from December 1 through December 31, 2019.