

**LaSalle Environmental Audit  
Response to Request for Additional Information**

**Index #:** 005    **RAI #:** MA-05    **Category:** Meteorology, Air Quality & Noise

**Statement of Question:**

Describe the compliance history associated with LSCS Federally Enforceable State Operating Permit (FESOP) permit No. 75040086. Provide the five most recent annual emission reports submitted to the Illinois Environmental Protection Agency (IEPA) associated with LSCS FESOP permit No. 75040086. Has LSCS received any Notice of Violations (NOVs) from the IEPA regarding the FESOP? If so, provide copies of such NOVs.

**Response:**

The LaSalle annual emissions reports for the most recent 5 years for which reports have been submitted are attached.

LaSalle has received no notices of violation (NOVs) related to compliance with the FESOP.

**List of Attachments**

1. 2010 Annual Emissions Report
2. 2011 Annual Emissions Report
3. 2012 Annual Emissions Report
4. 2013 Annual Emissions Report
5. 2014 Annual Emissions Report

RAI # MA-05  
ATTACHMENT 1

April 28, 2011

**CERTIFIED MAIL**

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
5415 North University  
Peoria, IL 61614

ATTN: Annual Emission Report

Subject: 2010 Annual Emission Report – FESOP Permit No. 75040086

Enclosed is the 2010 Annual Emission Report for Exelon Generation Company, LLC - LaSalle County Station. The Source ID Number for this facility is 099802AAA.

There were no exceedances of any annual permit requirements during the calendar year 2010 addressed in this report.

If there are any questions concerning this report, please contact William A. Buinickas, Environmental Specialist, at (815) 415-3235.

Sincerely,



Peter J. Karaba  
Plant Manager  
Exelon – LaSalle County Station

WAB/dmd

Enclosures

Cc: W. Buinickas – LaSalle Environmental Specialist  
K. Hersey – Corporate Support Environmental

Report: APCA0530

Illinois Environmental Protection Agency

Page: 01

Division of Air Pollution Control

Date: 04-28-11

DAPC - ANNUAL EMISSIONS REPORT - 2010

099802AAA - EXELON LaSalle County Station

## - SOURCE DATA -

SOURCE IDS AND LOCATION	AIRS: 17-099-0086	IEPA USE ONLY	SIC 1: 4911	NAICS 1: 221113
	FINDS: ILD984897827	IEPA USE ONLY	SIC 2: _____	NAICS 2: _____
	FEIN: 360098600	_____	SIC 3: _____	NAICS 3: _____
	D&B: 0006929509	_____	SIC 4: _____	NAICS 4: _____
	LATITUDE: 41:14:45.1320	_____	SIC 5: _____	NAICS 5: _____
	LONGITUDE: 88:40:09.4800	_____	SIC 6: _____	NAICS 6: _____
	_____	_____	_____	_____

SOURCE ADDRESS	Exelon LaSalle County Station	CONTACT: William A. Buinickas	EXT: _____
	2601 N 21st Rd Marseilles, IL 61341	PHONE: 815-415-3235 FAX: 815-415-4785 E-MAIL: _____	

ANNUAL EMISSION REPORT MAILING ADDRESS	Exelon - LaSalle County Station	CONTACT: William A. Buinickas	EXT: _____
	2601 N 21st Rd Marseilles, IL 61341	PHONE: 815-415-3235 FAX: 815-415-4785 E-MAIL: william.buinickas@exeloncorp.com	

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44 (h))

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

  
\_\_\_\_\_  
AUTHORIZED SIGNATURE

04/28/2011  
\_\_\_\_\_  
DATE

Peter J. Karaba / Plant Manager  
\_\_\_\_\_  
TYPED OR PRINTED NAME AND TITLE

815-415-3700  
\_\_\_\_\_  
TELEPHONE NUMBER

The Illinois EPA is authorized to require, and you must disclose, the information on this form pursuant to 35 Ill. Adm. Code 201.302 (a, b) and 254. It is not necessary to use this form in providing the information. Failure to disclose the information may result in penalties as provided for in the Environmental Protection Act, 415 ILCS 5/24-45.

Report: APCA0530

Illinois Environmental Protection Agency

Page: 02

Division of Air Pollution Control

Date: 04-28-11

DAPC - ANNUAL EMISSIONS REPORT - 2010

099802AAA - EXELON LaSalle County Station

- ANNUAL SOURCE EMISSIONS -

POLLUTANT CODE	SOURCE REPORTED EMISSIONS FOR 2010 (TONS/YEAR)	ALLOWABLE EMISSIONS (TONS/YEAR)	EMISSIONS REPORTED FOR 2009 (TONS/YEAR)	IEPA 2010 ESTIMATED (TONS/YEAR)
CO	1.819137	25.221000	1.939085	3.195000
CO2		5.085.000000		2,542.500000
NH3	0.012317	0.222900	0.013084	0.090000
NOX	6.848516	95.001000	7.300085	12.030000
PART	0.149169	2.259000	0.159005	0.168000
PM10	0.122631	0.432000	0.130717	0.168000
PM2.5	0.122631	0.336000	0.130717	0.168000
SO2	0.002278	7.500000	0.01902	0.151500
VOM	0.348915	3.005591	0.355590	0.344591

Report: APCA0530

Illinois Environmental Protection Agency

Page: 03

Division of Air Pollution Control

Date: 04-28-11

DAPC - ANNUAL EMISSIONS REPORT - 2010

099802AAA -EXCELON LaSalle County Station

- PERMIT LISTING -

PERMIT NUMBER	TYPE OF PERMIT	OPERATION NAME	STATUS	STATUS DATE	EXPIRES
75040086	FESOP	LASALLE COUNTY GENERATING STATION	GRANTED	12-11-2000	12-11-2005

Report: APCA0530

Illinois Environmental Protection Agency

Page: 04

Division of Air Pollution Control

Date: 04-28-11

099802AAA - EXELON LaSalle County Station

DAPC - ANNUAL EMISSIONS REPORT - 2010

- FUEL COMBUSTION DATA -

POINT 0001 - 5 DIESEL GENERATORS

PERMIT: 75040086

BEGAN OPERATION: 04 / 1975  
CEASED OPERATION: /

SCC: 20100102

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 36.83 % 43.73 MAR - MAY: 13.06 % 29.38  
JUN - AUG: 13.90 % 11.76 SEP - NOV: 36.21 % 15.13

BEGAN OPERATION: 04 / 1975  
CEASED OPERATION: /

FUEL TYPE: 21 DISTILLATE OIL #2  
INPUT (MMBTU/HR): 130

HEAT CONTENT: 139486 Btu/gal. 139,001  
SULFUR CONTENT (%): 0.04 0.0011  
ASH CONTENT (%): N/A  
NITROGEN CONTENT (%): N/A

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION				PEAK OZONE SEASON OPERATION			
HOURS/DAY:	0.0		N/A	HOURS/DAY:			N/A
DAYS/WEEK:	0.0		N/A	DAYS/WEEK:			N/A
WEEKS/YEAR:	0		N/A	WEEKS/SEASON:			N/A
HOURS/YEAR:	211		228	HOURS/SEASON:			N/A
RATE/HR: 0.1548 0.1351				START TIME:			N/A
				END TIME:			N/A
				RATE/HR:			N/A

Report: APCA0530

Illinois Environmental Protection Agency

Page: 05

Division of Air Pollution Control

Date: 04-28-11

099802AAA - EXELON LaSalle County Station

DAPC - ANNUAL EMISSIONS REPORT - 2010

- FUEL COMBUSTION DATA -

POINT 0001 - 5 DIESEL GENERATORS

PERMIT: 75040086

BEGAN OPERATION: 04 / 1975

SCC: 20100102

CEASED OPERATION /

MODE 01 -

POLLUTANT CODE	METHOD		EMISSION FACTOR		EMISSION RATE (LB/HR)		
	IEPA	REP	IEPA	REPORTED	IEPA	REPORTED	
CO	3	3		.85 LB/mmBTU	21.3	18.36	15.96
CO2	3	3	22600		16950		
NH3	3	5		.8 LB/10 <sup>3</sup> gal	.6	0.12	0.11
NOX	3	3		3.2 LB/mmBTU	80.2	69.11	60.07
PART	3	3		.0697 LB/mmBTU	1.12	1.51	1.31
PM10	3	3		.0573 LB/mmBTU	1.12	1.24	1.08
PM2.5		3		.0573 LB/mmBTU	1.12	1.24	1.08
SO2	3	3		0.0008 LB/mmBTU	1.01	0.02	0.02
VOM	3	3		.09 LB/mmBTU	2.26	1.94	1.69

POLLUTANT CODE	METHOD		EMISSION FACTOR		OZONE SEASON EMISSION RATE (LB/HR)		
	IEPA	REP	IEPA	REPORTED	IEPA	REPORTED	

NOX	3		3.2		69.11	
VOM	3		.09		1.94	

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK	0001	CAPTURE EFFICIENCY:	22.30	%	14.15
STACK	0002	CAPTURE EFFICIENCY:	16.50	%	35.19



Report: APCA0530

Illinois Environmental Protection Agency

Page: 06

Division of Air Pollution Control

Date: 04-28-11

DAPC - ANNUAL EMISSIONS REPORT - 2010

099802AAA - EXELON LaSalle County Station

- FUEL COMBUSTION DATA -

POINT 0001 - 5 DIESEL GENERATORS

PERMIT: 75040086

SCC: 20100102

BEGAN OPERATION: 04 / 1975 \_\_\_\_\_  
CEASED OPERATION: / \_\_\_\_\_

MODE 01

CAPTURING STACKS:

STACK	0003	CAPTURE EFFICIENCY:	9.80	%	<u>25.93</u>
STACK	0004	CAPTURE EFFICIENCY:	26.20	%	<u>9.98</u>
STACK	0005	CAPTURE EFFICIENCY:	25.20	%	<u>14.75</u>

Report: APCA0530

Illinois Environmental Protection Agency

Page: 07

Division of Air Pollution Control

Date: 04-28-11

099802AAA - EKELOW LaSalle County Station

DAPC - ANNUAL EMISSIONS REPORT - 2010

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

TANK TYPE: HORIZONTAL CYLINDRICAL DOUBLE WALL

CAPACITY:	2000	gal	TEMPERATURE (F):	70
DIAMETER (FT):	5.0	5.33	ROOF COLOR:	
HEIGHT (FT):	5	5.33	SHELL COLOR: WHITE	
LENGTH (FT):	12		ROOF PAINT CONDITION:	
VAPOR SPACE (FT):	1.5		SHELL PAINT CONDITION: GOOD	
LOCATION:	ABOVEGROUND			
SEAL TYPE:				
SUPPORT TYPE:				

MATERIAL	MWT	VP (psia)	DENSITY	THROUGHPUTS	
				ANNUAL (gallons)	PEAK OZONE (gallons)
Unleaded Gasoline	92.00	3.82	6.6 lbs/gal	18,662	N/A

Page: 08

Date: 04-28-11

DAPC - ANNUAL EMISSIONS REPORT - 2010

**- STORAGE TASK DATA -**

PERMIT: 75040086

SCC: 40301003.

**DESCRIPTION CORRECTION:**

PERCENT THROUGHPUTS:	DEC - FEB:	31.78 %	34.56	MAR - MAY:	24.31 %	19.37
	JUN - AUG:	16.44 %	26.92	SEP - NOV:	27.47 %	19.15

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

UNITS: 1000 GALLONS STORAGE CAPACITY

UNITS: 1000 GALLONS STORAGE CAPACITY

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0	_____	HOURS/DAY:		N/A
DAYS/WEEK:	7.0	_____	DAYS/WEEK:		N/A
WEEKS/YEAR:	52	_____	WEEKS/SEASON:		N/A
HOURS/YEAR:	8,760	_____	HOURS/SEASON:		N/A
RATE/HR:	0.0019	0.00213	START TIME:		N/A
			END TIME:		N/A
			RATE/HR:		N/A

Report: APCA0530

Illinois Environmental Protection Agency

Page: 09

Division of Air Pollution Control

Date: 04-28-11

DAPC - ANNUAL EMISSIONS REPORT - 2010

099802AAA - EXELON LaSalle County Station

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

MODE 01 -

SCC: 40301003

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR		EMISSION RATE (LB/HR)	
		IEPA	REPORTED	IEPA	REPORTED
VOM	5 3			.00128	0.034 0.036

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR		OZONE SEASON EMISSION RATE (LB/HR)	
		IEPA	REPORTED	IEPA	REPORTED
VOM	5			.034	

CAPTURING CONTROLS:

CONTROL 0001 CAPTURE EFFICIENCY: 100.00 %

CAPTURING STACKS:

Report: APCA0530

Illinois Environmental Protection Agency

Page: 10

Division of Air Pollution Control

Date: 04-28-2011

DAPC - ANNUAL EMISSIONS REPORT - 2010

099802AAA - EXELON LaSalle County Station

- CONTROL DEVICE DATA

CONTROL 0001 - GASOLINE STORAGE TANK STAGE I AND II VAPOR RECOVERY SYSTEMS

PERMIT: 98110031

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

CONTROL CODE: 110

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION		METHOD	PEAK OZONE SEASON OPERATION		METHOD
	EFFICIENCY			EFFICIENCY		
	IEPA	REPORTED	IEPA	REPORTED	IEPA	REPORTED
VOM	99.000					

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0012 CAPTURE EFFICIENCY: 100.00 %

## - STACK DATA

STACK	DIAMETER (FT)	HEIGHT (FT)	FLOW RATE (ACFM)	TEMPERATURE (F)
0001	STACK 1 FOR DIESEL GENERATOR 1.83	44	13800	735
0002	STACK 2 FOR DIESEL GENERATOR 1.83	44	13800	735
0003	STACK 3 FOR DIESEL GENERATOR 1.83	44	13800	735
0004	STACK 4 FOR DIESEL GENERATOR 1.83	44	13800	735
0005	STACK 5 FOR DIESEL GENERATOR 1.83	44	13800	735
0012	GASOLINE STORAGE CONTROL 0.17	12	2	70

RAI # MA-05  
ATTACHMENT 2

LaSalle Generating Station  
2601 North 21st Road  
Marseilles, IL 61341

www.exeloncorp.com

April 27, 2012

**CERTIFIED MAIL**

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
5415 North University  
Peoria, IL 61614

ATTN: Annual Emission Report

Subject: 2011 Annual Emission Report – FESOP Permit No. 75040086

Enclosed is the 2011 Annual Emission Report for Exelon Generation Company, LLC - LaSalle County Station. The Source ID Number for this facility is 099802AAA.

There were no exceedances of any annual permit requirements during the calendar year 2011 addressed in this report.

If there are any questions concerning this report, please contact William A. Buinickas, Environmental Specialist, at (815) 415-3235.

Sincerely,



Peter J. Karaba  
Plant Manager  
Exelon – LaSalle County Station

WAB/dmd

Enclosures

Cc: W. Buinickas – LaSalle Environmental Specialist  
K. Hersey – Corporate Support Environmental



## Division of Air Pollution Control

Date: 11-29-2011

## DAPC - ANNUAL EMISSIONS REPORT - 2011

099802AAA - EXELON LaSalle County Station

## - SOURCE DATA -

SOURCE  
IDS AND  
LOCATION

AIRS: 17-099-0086	IEPA USE ONLY	SIC 1: 4911	NAICS 1: 221113
FINDS: ILD984897827	IEPA USE ONLY	SIC 2: _____	NAICS 2: _____
FEIN: 360098600	_____	SIC 3: _____	NAICS 3: _____
D&B: 0006929509	_____	SIC 4: _____	NAICS 4: _____
LATITUDE: 41:14:45.1320	_____	SIC 5: _____	NAICS 5: _____
LONGITUDE: 88:40:09.4800	_____	SIC 6: _____	NAICS 6: _____

SOURCE  
ADDRESS

Exelon LaSalle County Station	CONTACT: William A. Buinickas
2601 N 21st Rd	PHONE: 815-415-3235 EXT:
Marseilles, IL 61341	FAX: 815-415-4785
	E-MAIL: _____

ANNUAL  
EMISSION  
REPORT  
MAILING  
ADDRESS

Exelon - LaSalle County Station	CONTACT: William A. Buinickas
2601 N 21st Rd	PHONE: 815-415-3235 EXT:
Marseilles, IL 61341	FAX: 815-415-4785
	E-MAIL: william.buinickas@exeloncorp.com

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44 (b))

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

  
AUTHORIZED SIGNATURE

04/27/2012

DATE

Peter J. Karaba / Plant Manager

815-415-3700

TYPED OR PRINTED NAME AND TITLE

TELEPHONE NUMBER

The Illinois EPA is authorized to require, and you must disclose, the information on this form pursuant to 35 Ill. Adm. Code 201.302 (a, b) and 254. It is not necessary to use this form in providing the information. Failure to disclose the information may result in penalties as provided for in the Environmental Protection Act, 415 ILCS 5/24-45.

Report: APCA0530

Illinois Environmental Protection Agency

Page: 02

Division of Air Pollution Control

Date: 11-29-2011

DAPC - ANNUAL EMISSIONS REPORT - 2011

099802AAA - EXELON LaSalle County Station

- ANNUAL SOURCE EMISSIONS -

POLLUTANT CODE	SOURCE REPORTED EMISSIONS FOR 2011 (TONS/YEAR)	ALLOWABLE EMISSIONS (TONS/YEAR)	EMISSIONS REPORTED FOR 2010 (TONS/YEAR)	IEPA 2011 ESTIMATED (TONS/YEAR)
CO	1.677822	25.221000	1.819137	3.195002
CO2	325.694876	5,085.000000	348.100000	2,542.500000
NH3	0.012182	0.222900	0.012317	0.090000
NOX	6.316507	95.001000	6.848516	12.030000
PART	0.137581	2.259000	0.149169	0.167999
PM10	0.113105	0.432000	0.122631	0.167999
PM2.5	0.113105	0.336000	0.122631	0.167999
SO2	0.001937	7.500000	0.002278	0.151500
VOM	0.333102	3.005591	0.348915	0.344592

Report: APCA0530

Illinois Environmental Protection Agency

Page: 03

Division of Air Pollution Control

Date: 11-29-2011

DAPC - ANNUAL EMISSIONS REPORT - 2011

099802AAA -EXELON LaSalle County Station

- PERMIT LISTING -

PERMIT NUMBER	TYPE OF PERMIT	OPERATION NAME	STATUS	STATUS DATE	EXPIRES
75040086	FESOP	LASALLE COUNTY GENERATING STATION	GRANTED	12-11-2000	12-11-2005

Report: APCA0530

Illinois Environmental Protection Agency

Page: 04

Division of Air Pollution Control

Date: 11-29-2011

099802AAA - EXELON LaSalle County Station

DAFC - ANNUAL EMISSIONS REPORT - 2011

- FUEL COMBUSTION DATA -

POINT 0001 - 5 DIESEL GENERATORS

PERMIT: 75040086

BEGAN OPERATION: 04 / 1975  
CEASED OPERATION: /

SCC: 20100102

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 43.73 % 32.60 MAR - MAY: 29.38 % 32.38  
JUN - AUG: 11.76 % 9.25 SEP - NOV: 15.13 % 25.77

BEGAN OPERATION: 04 / 1975  
CEASED OPERATION: /

FUEL TYPE: 21 DISTILLATE OIL #2  
INPUT (MMBTU/HR): 130

HEAT CONTENT: 139,001 Btu/gal. 129,628  
SULFUR CONTENT (%): 0.0011 0.0010  
ASH CONTENT (%): N/A  
NITROGEN CONTENT (%): N/A

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	4.4	5.75	HOURS/DAY:		N/A
DAYS/WEEK:	1.0	1.0	DAYS/WEEK:		N/A
WEEKS/YEAR:	52	52	WEEKS/SEASON:		N/A
HOURS/YEAR:	228	299	HOURS/SEASON:		N/A
RATE/HR: 0.1351 0.1017			START TIME:		N/A
			END TIME:		N/A
			RATE/HR:		N/A

Report: APCA0530

Illinois Environmental Protection Agency

Page: 06

Division of Air Pollution Control

Date: 11-29-2011

DAPC - ANNUAL EMISSIONS REPORT - 2011

099802AAA - EXELON LaSalle County Station

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

TANK TYPE: HORIZONTAL CYLINDRICAL DOUBLE WALL

CAPACITY: 2000 gal

TEMPERATURE (F): 70

DIAMETER (FT): 5.0 5.33

ROOF COLOR:

HEIGHT (FT): 5 5.33

SHELL COLOR: WHITE

LENGTH (FT): 12

ROOF PAINT CONDITION:

VAPOR SPACE (FT): 1.5

SHELL PAINT CONDITION: GOOD

LOCATION: ABOVEGROUND

SEAL TYPE:

SUPPORT TYPE:

MATERIAL	MWT	VP (psia)	DENSITY	ANNUAL (gallons)	THROUGHPUTS PEAK OZONE (gallons)
Unleaded Gasoline	92.00	3.82	6.6 lbs/gal	18,383	N/A

Page: 07

Date: 11-29-2011

DAPC - ANNUAL EMISSIONS REPORT - 2011

- STORAGE TANK DATA -

PERMIT: 75040086

SCC: 40301003

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS:	DEC - FEB:	34.56 %	<u>29.32</u>	MAR - MAY:	19.37 %	<u>23.23</u>
	JUN - AUG:	26.92 %	<u>23.38</u>	SEP - NOV:	19.15 %	<u>24.07</u>

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

UNITS: 1000 GALLONS STORAGE CAPACITY

UNITS: 1000 GALLONS STORAGE CAPACITY

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0		HOURS/DAY:		N/A
DAYS/WEEK:	7.0		DAYS/WEEK:		N/A
WEEKS/YEAR:	52		WEEKS/SEASON:		N/A
HOURS/YEAR:	8,760		HOURS/SEASON:		N/A
RATE/HR:	0.0021	0.0021	START TIME:		N/A
			END TIME:		N/A
			RATE/HR:		N/A

Report: APCA0530

Illinois Environmental Protection Agency

Page: 08

Division of Air Pollution Control

Date: 11-29-2011

DAPC - ANNUAL EMISSIONS REPORT - 2011

099802AAA - EXELON LaSalle County Station

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

MODE 01 -

SCC: 40301003

POLLUTANT CODE	METHOD		EMISSION FACTOR		EMISSION RATE (LB/HR)	
	IEPA	REP	IEPA	REPORTED	IEPA	REPORTED
VOM	5	3			.00128	0.036 0.035

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA REPORTED	OZONE SEASON EMISSION RATE (LB/HR)	
			IEPA	REPORTED
VOM	5		.034	

CAPTURING CONTROLS:

CONTROL 0001 CAPTURE EFFICIENCY: 100.00 %

CAPTURING STACKS:

Report: APCA0530

Illinois Environmental Protection Agency

Page: 9

Division of Air Pollution Control

Date: 11-29-2011

099802AAA - EXELON LaSalle County Station

DAPC - ANNUAL EMISSIONS REPORT - 2011

- CONTROL DEVICE DATA

CONTROL 0001 - GASOLINE STORAGE TANK STAGE I AND II VAPOR RECOVERY SYSTEMS

PERMIT: 98110031

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

CONTROL CODE: 110

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION		METHOD	PEAK OZONE SEASON OPERATION		METHOD
	EFFICIENCY			EFFICIENCY		
	IEPA	REPORTED	IEPA	REPORTED	IEPA	REPORTED
VOM	99.000					

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0012 CAPTURE EFFICIENCY: 100.00 %



Report: APCA0530

Illinois Environmental Protection Agency

Page: 10

Division of Air Pollution Control

Date: 11-29-2011

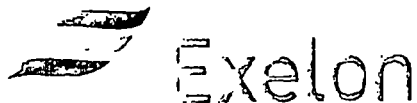
DAPC - ANNUAL EMISSIONS REPORT - 2011

099802AAA - EXELON LaSalle County Station

- STACK DATA

STACK	DIAMETER (FT)	HEIGHT (FT)	FLOW RATE (ACFM)	TEMPERATURE (F)
0001	- STACK 1 FOR DIESEL GENERATOR 1.83	44	13800	735
0002	- STACK 2 FOR DIESEL GENERATOR 1.83	44	13800	735
0003	- STACK 3 FOR DIESEL GENERATOR 1.83	44	13800	735
0004	- STACK 4 FOR DIESEL GENERATOR 1.83	44	13800	735
0005	- STACK 5 FOR DIESEL GENERATOR 1.83	44	13800	735
0012	- GASOLINE STORAGE CONTROL 0.17	12	2	70

RAI # MA-05  
ATTACHMENT 3



April 29, 2013

**CERTIFIED MAIL**

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
5415 North University  
Peoria, IL 61614

ATTN: Annual Emission Report

Subject: 2012 Annual Emission Report – FESOP Permit No. 75040086

Enclosed is the 2012 Annual Emission Report for Exelon Generation Company, LLC - LaSalle County Station. The Source ID Number for this facility is 099802AAA.

There were no exceedances of any annual permit requirements during the calendar year 2012 addressed in this report.

If there are any questions concerning this report, please contact William A. Buinickas, Environmental Specialist, at (815) 415-3235.

Sincerely,

A handwritten signature in black ink, appearing to read "Harold T. Vinyard". The signature is written in a cursive, flowing style.

Harold T. Vinyard  
Plant Manager  
Exelon – LaSalle County Station

WAB/dmd

Enclosures

Cc: W. Buinickas – LaSalle Environmental Specialist  
K. Hersey – Corporate Support Environmental

Report: APCA0530

Illinois Environmental Protection Agency

Page: 01

Division of Air Pollution Control

Date: 11-26-2012

## DAPC - ANNUAL EMISSIONS REPORT - 2012

099802AAA - EXELON LaSalle County Station

- SOURCE DATA -

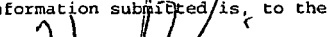
SOURCE IDS AND LOCATION	AIRS:	17-099-0086	IEPA USE ONLY	SIC 1:	4911	NAICS 1:	221113
	FINDS:	ILD984897827	IEPA USE ONLY	SIC 2:		NAICS 2:	
	FEIN:	360098600		SIC 3:		NAICS 3:	
	D&B:	0006929509		SIC 4:		NAICS 4:	
	LATITUDE:	41:14:45.1320		SIC 5:		NAICS 5:	
	LONGITUDE:	88:40:09.4800		SIC 6:		NAICS 6:	

SOURCE ADDRESS	Exelon LaSalle County Station	CONTACT:	William A. Buinickas	
		PHONE:	815-415-3235	EXT:
	2601 N 21st Rd	FAX:	815-415-4785	
	Marseilles, IL 61341	E-MAIL:		

ANNUAL EMISSION REPORT MAILING ADDRESS	Exelon - LaSalle County Station  2601 N 21st Rd Marseilles, IL 61341	CONTACT: William A. Buinickas PHONE: 815-415-3235 EXT: FAX: 815-415-4785 E-MAIL: william.buinickas@exeloncorp.com
--	---	--

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44 (h))

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

  
\_\_\_\_\_  
AUTHORIZED SIGNATURE

04/27/2013  
\_\_\_\_\_  
DATE

Harold T. Vinyard / Plant Manager  
\_\_\_\_\_  
TYPED OR PRINTED NAME AND TITLE

815-415-3700  
\_\_\_\_\_  
TELEPHONE NUMBER

The Illinois EPA is authorized to require, and you must disclose, the information on this form pursuant to 35 Ill. Adm. Code 201.302 (a, b) and 254. It is not necessary to use this form in providing the information. Failure to disclose the information may result in penalties as provided for in the Environmental Protection Act, 415 ILCS 5/24-45.

Report: APCA0530

Illinois Environmental Protection Agency

Page: 02

Division of Air Pollution Control

Date: 11-26-2012

099802AAA - EXELON LaSalle County Station

DAPC - ANNUAL EMISSIONS REPORT - 2012

- ANNUAL SOURCE EMISSIONS -

POLLUTANT CODE	SOURCE REPORTED EMISSIONS FOR 2011 (TONS/YEAR)	ALLOWABLE EMISSIONS (TONS/YEAR)	EMISSIONS REPORTED FOR 2011 (TONS/YEAR)	IEPA 2012 ESTIMATED (TONS/YEAR)
CO	2.219846	25.221000	1.677822	3.195002
CO2	430.911320	5,085.000000	325.694871	2,542.500000
NH3	0.015097	0.222900	0.012182	0.090000
NOX	8.357068	95.001000	6.316507	12.030000
PART	0.182027	2.259000	0.137581	0.167999
PM10	0.149644	0.432000	0.113105	0.167999
PM2.5	0.149644	0.336000	0.113105	0.167999
SO2	0.002341	7.500000	0.001937	0.151500
VOM	0.387038	3.005591	0.333102	0.344592

Report: APCA0530

Illinois Environmental Protection Agency

Page: 03

Division of Air Pollution Control

Date: 11-26-2013

DAPC - ANNUAL EMISSIONS REPORT - 2012

099802AAA -EXELON LaSalle County Station

- PERMIT LISTING -

PERMIT NUMBER	TYPE OF PERMIT	OPERATION NAME	STATUS	STATUS DATE	EXPIRES
75040086	FESOP	LASALLE COUNTY GENERATING STATION	GRANTED	12-11-2000	12-11-2005

Report: APCA0530

Illinois Environmental Protection Agency

Page: 04

Division of Air Pollution Control

Date: 11-26-2012

099802AAA - EXELON LaSalle County Station

DAPC - ANNUAL EMISSIONS REPORT - 2012

- FUEL COMBUSTION DATA -

POINT 0001 - 5 DIESEL GENERATORS

PERMIT: 75040086

BEGAN OPERATION: 04 / 1975  
CEASED OPERATION: /

SCC: 20100102

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 32.60 % 30.14 MAR - MAY: 32.38 % 49.14  
JUN - AUG: 9.25 % 9.86 SEP - NOV: 25.77 % 10.86

BEGAN OPERATION: 04 / 1975  
CEASED OPERATION: /

FUEL TYPE: 21 DISTILLATE OIL #2  
INPUT (MMBTU/HR): 130

HEAT CONTENT: 137,551 Btu/gal. 138,391  
SULFUR CONTENT (%): 0.0010 0.0009  
ASH CONTENT (%): N/A  
NITROGEN CONTENT (%): N/A

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	5.8	4.98	HOURS/DAY:		N/A
DAYS/WEEK:	1.0	1.0	DAYS/WEEK:		N/A
WEEKS/YEAR:	52	52	WEEKS/SEASON:		N/A
HOURS/YEAR:	299	259	HOURS/SEASON:		N/A
RATE/HR: 0.1017 0.1455			START TIME:		N/A
			END TIME:		N/A
			RATE/HR:		N/A

## Division of Air Pollution Control

Date: 11-26-2012

## DAPC - ANNUAL EMISSIONS REPORT - 2012

099802AAA - EXELON LaSalle County Station

## - FUEL COMBUSTION DATA -

POINT 0001 - 5 DIESEL GENERATORS

PERMIT: 75040086

BEGAN OPERATION: 04 / 1975

SCC: 20100102

CEASED OPERATION /

MODE 01 -

POLLUTANT CODE	METHOD		EMISSION FACTOR		EMISSION RATE (LB/HR)		
	IEPA	REP	IEPA	REPORTED	IEPA	REPORTED	
CO	3	3		.85 LB/mmBTU	21.3	11.21	17.12
CO2	3	3	22600	165 LB/mBTU	16950		3322.88
NH3	3	5		.8 LB/10 <sup>3</sup> gal	.6	0.08	0.12
NOX	3	3		3.2 LB/mmBTU	80.2	42.19	64.44
PART	3	3		.0697 LB/mmBTU	1.12	0.92	1.40
PM10	3	3		.0573 LB/mmBTU	1.12	0.76	1.15
PM2.5	3	3		.0573 LB/mmBTU	1.12	0.76	1.15
SO2	3	3	0.0008	LB/mmBTU	1.01	0.01	0.02
VOM	3	3		.09 LB/mmBTU	2.26	1.19	1.81
OZONE SEASON							
POLLUTANT CODE	METHOD		EMISSION FACTOR		EMISSION RATE (LB/HR)		
	IEPA	REP	IEPA	REPORTED	IEPA	REPORTED	

## CAPTURING CONTROLS:

## CAPTURING STACKS:

STACK	0001	CAPTURE EFFICIENCY:	24.53	%	12.74
STACK	0002	CAPTURE EFFICIENCY:	16.25	%	27.81
STACK	0003	CAPTURE EFFICIENCY:	13.31	%	21.67
STACK	0004	CAPTURE EFFICIENCY:	28.70	%	15.42
STACK	0005	CAPTURE EFFICIENCY:	17.21	%	22.36



Report: APCA0530

Illinois Environmental Protection Agency

Page: 06

Division of Air Pollution Control

Date: 11-26-2012

DAPC - ANNUAL EMISSIONS REPORT - 2012

099802AAA - EXELON LaSalle County Station

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

TANK TYPE: HORIZONTAL CYLINDRICAL DOUBLE WALL

CAPACITY: 2000 gal TEMPERATURE (F): 70  
DIAMETER (FT): 5.0 5.33 ROOF COLOR:  
HEIGHT (FT): 5 5.33 SHELL COLOR: WHITE  
LENGTH (FT): 12 ROOF PAINT CONDITION:  
VAPOR SPACE (FT): 1.5 SHELL PAINT CONDITION: GOOD  
LOCATION: ABOVEGROUND  
SEAL TYPE:  
SUPPORT TYPE:

MATERIAL	MWT	VP (psia)	DENSITY	-----THROUGHPUTS----- ANNUAL (gallons)	PEAK OZONE (gallons)
Unleaded Gasoline	92.00	3.82	6.6 lbs/gal	17,251	N/A

## DAPC - ANNUAL EMISSIONS REPORT - 2012

099802AAA - EXELON LaSalle County Station

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

MODE 01 - GASOLINE

SCC: 40301003

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS:	DEC - FEB:	29.32 %	<u>21.82</u>	MAR - MAY:	23.23 %	<u>20.18</u>
	JUN - AUG:	23.38 %	<u>28.73</u>	SEP - NOV:	24.07 %	<u>29.27</u>

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

UNITS: 1000 GALLONS STORAGE CAPACITY

UNITS: 1000 GALLONS STORAGE CAPACITY

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0		HOURS/DAY:		N/A
DAYS/WEEK:	7.0		DAYS/WEEK:		N/A
WEEKS/YEAR:	52		WEEKS/SEASON:		N/A
HOURS/YEAR:	8,760	8784	HOURS/SEASON:		N/A
			START TIME:		N/A
			END TIME:		N/A
RATE/HR:	0.0021	0.0021	RATE/HR:		N/A

Report: APCA0530

Illinois Environmental Protection Agency

Page: 08

Division of Air Pollution Control

Date: 11-26-2012

DAPC - ANNUAL EMISSIONS REPORT - 2012

099802AAA - EXELON LaSalle County Station

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

MODE 01 -

SCC: 40301003

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA REPORTED	EMISSION RATE (LB/HR) IEPA REPORTED
VOM	5 3		.00128 0.035 0.035

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA REPORTED
VOM	5		.034

CAPTURING CONTROLS:

CONTROL 0001 CAPTURE EFFICIENCY: 100.00 %

CAPTURING STACKS:

Report: APCA0530

Illinois Environmental Protection Agency

Page: 9

Division of Air Pollution Control

Date: 11-26-2012

099802AAA - EXELON LaSalle County Station

DAPC - ANNUAL EMISSIONS REPORT - 2012

- CONTROL DEVICE DATA

CONTROL 0001 - GASOLINE STORAGE TANK STAGE I AND II VAPOR RECOVERY SYSTEMS

PERMIT: 98110031

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

CONTROL CODE: 110

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION		METHOD	PEAK OZONE SEASON OPERATION		METHOD
	EFFICIENCY			EFFICIENCY		
	IEPA	REPORTED	IEPA	REPORTED	IEPA	REPORTED
VOM	99.000					

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0012 CAPTURE EFFICIENCY: 100.00 %

Report: APCA0530

Illinois Environmental Protection Agency

Page: 10

Division of Air Pollution Control

Date: 11-26-2012

DAPC - ANNUAL EMISSIONS REPORT - 2012

099802AAA - EXELON LaSalle County Station

- STACK DATA

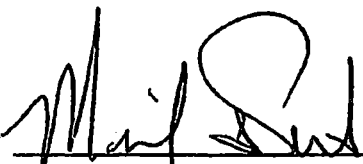
STACK	DIAMETER (FT)	HEIGHT (FT)	FLOW RATE (ACFM)	TEMPERATURE (F)
0001	STACK 1 FOR DIESEL GENERATOR 1.83	44	13800	735
0002	STACK 2 FOR DIESEL GENERATOR 1.83	44	13800	735
0003	STACK 3 FOR DIESEL GENERATOR 1.83	44	13800	735
0004	STACK 4 FOR DIESEL GENERATOR 1.83	44	13800	735
0005	STACK 5 FOR DIESEL GENERATOR 1.83	44	13800	735
0012	GASOLINE STORAGE CONTROL 0.17	12	2	70



Exelon Generation

**EXELON GENERATION COMPANY, LLC  
EVIDENCE OF AUTHORITY TO SIGN  
ENVIRONMENTAL PERMITS AND OTHER  
ENVIRONMENTAL RELATED DOCUMENTS**

The undersigned certifies that he has been appointed an officer of the Exelon Generation Company, LLC and is authorized to act as a corporate representative for the purposes of signing and/or authorizing others to act as corporate representatives for the purpose of signing environmental permit applications, permit required reports, and other representations regarding environmental requirements, including but not limited to those made to Pollution Control Boards, the Illinois Environmental Protection Agency, the Pennsylvania Department of Environmental Protection, the New Jersey Department of Environmental Protection, the United States Corps of Engineers, and the United States Environmental Protection Agency. Based on the authority vested in me as an Exelon Generation Company, LLC Officer, I hereby authorize and appoint the individuals, listed on Attachment #1, to act as corporate representative for the purpose of signing environmental permit applications, permit required reports, and other representations regarding environmental requirements, including but not limited to those made to the above listed agencies:

Signed:   
Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
Senior Vice President  
Exelon Generation Company, LLC

Date: 4/10/13

CC: Exelon Corporate Secretary  
Exelon Generation Company Secretary



**ATTACHMENT #1**

**Exelon Generation Company, LLC**

**Authorized Signatory List**

<b><u>Location</u></b>	<b><u>Authorized Individuals</u></b>	<b><u>Title</u></b>
Exelon Generation	Peter Orphanos	VP Fleet Support
	Zigmund Karpa	Director, Environmental Programs and Regulatory Policy
	Scott Sklenar	Manager Environmental Programs
	John Petro	Principal Environmental Specialist
Braidwood Station	Daniel Enright	Site Vice President
	Mark Kanavos	Plant Manager
Byron Station	Russ Kearney	Site Vice President
	Benjamin Youman	Plant Manager
Clinton Power Station	William Noll	Site Vice President
	Brian Taber	Plant Manager
Dresden Station	David Czufin	Site Vice President
	Shane Marik	Plant Manager
Fire Training Academy	Russell Coon	Vice President Training
LaSalle Station	Peter Karaba	Site Vice President
	Harold Vinyard	Plant Manager
Quad Cities Station	Timothy Hanley	Site Vice President
	Scott Darin	Plant Manager
Limerick Generating Station	Thomas Dougherty, III	Site Vice President
	David Lewis	Plant Manager
Oyster Creek	Garey Stathes	Site Vice President
	Russell Peak	Plant Manager
Peach Bottom APS	Michael Massaro	Site Vice President
	Patrick Navin	Plant Manager
STC	Kathleen Blitstein	Sr. Project Manager
Three Mile Island	Richard Libra	Site Vice President
	Mark Newcomer	Plant Manager
Zion Station	Anthony Orawiec	Plant Manager

April 2, 2013

RAI # MA-05  
ATTACHMENT 4





Exelon Generation

**LaSalle Generating Station**

2601 North 21st Road  
Marseilles, IL 61341

815 415 4184 Fax  
www.exeloncorp.com

April 24, 2014

**CERTIFIED MAIL**

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
5415 North University  
Peoria, IL 61614

ATTN: Annual Emission Report

Subject: 2013 Annual Emission Report – FESOP Permit No. 75040086

Enclosed is the 2013 Annual Emission Report for Exelon Generation Company, LLC - LaSalle County Station. The Source ID Number for this facility is 099802AAA.

There were no exceedances of any annual permit requirements during the calendar year 2013 addressed in this report.

If there are any questions concerning this report, please contact William A. Buinickas, Environmental Specialist, at (815) 415-3235.

Sincerely,

Harold T. Vinyard  
Plant Manager  
Exelon – LaSalle County Station

WAB/dck

Enclosures

Cc: W. Buinickas – LaSalle Environmental Specialist  
K. Hersey – Corporate Support Environmental  
M. Martin – Chemistry Manager



**Exelon Generation,**

**EXELON GENERATION COMPANY, LLC  
EVIDENCE OF AUTHORITY TO SIGN  
ENVIRONMENTAL PERMITS AND OTHER  
ENVIRONMENTAL RELATED DOCUMENTS**

The undersigned certifies that he has been appointed an officer of the Exelon Generation Company, LLC and is authorized to act as a corporate representative for the purposes of signing and/or authorizing others to act as corporate representatives for the purpose of signing environmental permit applications, permit required reports, and other representations regarding environmental requirements, including but not limited to those made to Pollution Control Boards, the Illinois Environmental Protection Agency, the Pennsylvania Department of Environmental Protection, the New Jersey Department of Environmental Protection, the United States Corps of Engineers, and the United States Environmental Protection Agency. Based on the authority vested in me as an Exelon Generation Company, LLC Officer, I hereby authorize and appoint the individuals, listed on Attachment #1, to act as corporate representative for the purpose of signing environmental permit applications, permit required reports, and other representations regarding environmental requirements, including but not limited to those made to the above listed agencies:

Signed: \_\_\_\_\_

Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
Senior Vice President  
Exelon Generation Company, LLC

Date: \_\_\_\_\_

CC: Exelon Corporate Secretary  
Exelon Generation Company Secretary



**Exelon Generation**

**ATTACHMENT #1**

**Exelon Generation Company, LLC**

**Authorized Signatory List**

<b><u>Location</u></b>	<b><u>Authorized Individuals</u></b>	<b><u>Title</u></b>
Exelon Generation	Peter Orphanos	VP Fleet Support
	Zigmund Karpa	Director, Environmental Programs and Regulatory Policy
	Scott Sklenar	Manager Environmental Programs
	Roland Beem	Manager Environmental Programs
	John Petro	Principal Environmental Specialist
Braidwood Station	Mark Kanavos	Site Vice President
	Marri Marchionda-Palmer	Plant Manager
Byron Station	Faber Kearney	Site Vice President
	Benjamin Youman	Plant Manager
Calvert Cliffs	George Gellrich	Site Vice President
	Mark Flaherty	Plant General Manager
Clinton Power Station	Brian Taber	Site Vice President
	Theodore Stoner	Plant Manager
Dresden Station	Shane Marik	Site Vice President
	John Washko	Plant Manager
Fort Calhoun	Louis Cortopassi	Site Vice President
	Michael Prospero	Plant Manager
Fire Training Academy	Russell Coon	Vice President Training
Ginna Station	Joseph Pacher	Vice President
	Michel Philippon	Plant General Manager
LaSalle Station	Peter Karaba	Site Vice President
	Harold Vinyard	Plant Manager
Nine Mile Point Station	Christopher Costanzo	Site Vice President
	James Stanley	Plant General Manager
Quad Cities Station	Scott Darin	Site Vice President
	Kevin O'Shea	Plant Manager
Limerick Generating Station	Thomas Dougherty, III	Site Vice President
	David Lewis	Plant Manager
Oyster Creek	Garey Stathes	Site Vice President
	Russell Peak	Plant Manager
Peach Bottom APS	Michael Massaro	Site Vice President
	Patrick Navin	Plant Manager
STC	Kathleen Blitstein	Sr. Project Manager
Three Mile Island	Richard Libra	Site Vice President
	Mark Newcomer	Plant Manager
Zion Station	Anthony Orawiec	Plant Manager

April 1, 2014

Report: APCA0530

Illinois Environmental Protection Agency

Page: 01

Division of Air Pollution Control

Date: 11-27-2013

DAFC - ANNUAL EMISSIONS REPORT - 2013

099802AAA - EXELON LaSalle County Station

- SOURCE DATA -

SOURCE  
IDS AND  
LOCATION

AIRS: 17-099-0086	IEPA USE ONLY	SIC 1: 4911	NAICS 1: 221113
FINDS: ILD984897827	IEPA USE ONLY	SIC 2: _____	NAICS 2: _____
FEIN: 360098600	_____	SIC 3: _____	NAICS 3: _____
D&B: 0006929509	_____	SIC 4: _____	NAICS 4: _____
LATITUDE: 41:14:45.2544	_____	SIC 5: _____	NAICS 5: _____
LONGITUDE: 88:40:09.7392	_____	SIC 6: _____	NAICS 6: _____

SOURCE  
ADDRESS

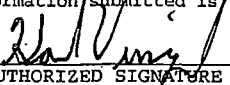
Exelon LaSalle County Station	CONTACT: William A. Buinickas
2601 N 21st Rd	PHONE: 815-415-3235 EXT:
Marseilles, IL 61341	FAX: 815-415-4785
	E-MAIL: _____

ANNUAL  
EMISSION  
REPORT  
MAILING  
ADDRESS

Exelon - LaSalle County Station	CONTACT: William A. Buinickas
2601 N 21st Rd	PHONE: 815-415-3235 EXT:
Marseilles, IL 61341	FAX: 815-415-4785
	E-MAIL: william.buinickas@exeloncorp.com

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44 (h))

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete.

  
AUTHORIZED SIGNATURE

04/24/2014

DATE

Harold T. Vinyard / Plant Manager

815-415-3700

TYPED OR PRINTED NAME AND TITLE

TELEPHONE NUMBER

The Illinois EPA is authorized to require, and you must disclose, the information on this form pursuant to 35 Ill. Adm. Code 201.302 (a, b) and 254. It is not necessary to use this form in providing the information. Failure to disclose the information may result in penalties as provided for in the Environmental Protection Act, 415 ILCS 5/24-45.

Report: APCA0530

Illinois Environmental Protection Agency

Page: 02

Division of Air Pollution Control

Date: 11-27-2013

DAPC - ANNUAL EMISSIONS REPORT - 2013

099802AAA - EXELON LaSalle County Station

- ANNUAL SOURCE EMISSIONS -

POLLUTANT CODE	SOURCE REPORTED EMISSIONS FOR 2013 (TONS/YEAR)	ALLOWABLE EMISSIONS (TONS/YEAR)	EMISSIONS REPORTED FOR 2012 (TONS/YEAR)	IEPA 2013 ESTIMATED (TONS/YEAR)
CO	1.754656	25.221000	2.219846	3.195002
CO2	340.609635	5,085.000000	430.911320	2,542.500000
NH3	0.011878	0.222900	0.015097	0.090000
NOX	6.605763	95.001000	8.357068	12.030000
PART	0.143882	2.259000	0.182027	0.167999
PM10	0.118284	0.432000	0.149644	0.167999
PM2.5	0.118284	0.336000	0.149644	0.167999
SO2	0.001642	7.500000	0.002341	0.151500
VOM	0.335397	3.005591	0.387038	0.344592

Report: APCA0530

Illinois Environmental Protection Agency

Page: 03

Division of Air Pollution Control

Date: 11-27-2013

DAFC - ANNUAL EMISSIONS REPORT - 2013

099802AAA -EXELON LaSalle County Station

- PERMIT LISTING -

PERMIT NUMBER	TYPE OF PERMIT	OPERATION NAME	STATUS	STATUS DATE	EXPIRES
75040086	FESOP	LASALLE COUNTY GENERATING STATION	GRANTED	12-11-2000	12-11-2005

Page: 04

Date: 11-27-2013

DAPC - ANNUAL EMISSIONS REPORT - 2013

## - FUEL COMBUSTION DATA -

PERMIT: 75040086

SCC: 20100102

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS:	DEC - FEB:	30.14 %	<u>23.22</u>	MAR - MAY:	49.14 %	<u>53.74</u>
	JUN - AUG:	9.86 %	<u>9.83</u>	SEP - NOV:	10.86 %	<u>13.21</u>

BEGAN OPERATION: 04 / 1975  
CEASED OPERATION: /

FUEL TYPE: 21 DISTILLATE OIL #2  
INPUT (MMBTU/HR): 130

HEAT CONTENT: 138,391 Btu/gal.	139,034
SULFUR CONTENT (%): 0.0009	0.0008
ASH CONTENT (%):	N/A
NITROGEN CONTENT (%):	N/A

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	5.0	<u>4.46</u>	HOURS/DAY:		<u>N/A</u>
DAYS/WEEK:	1.0	<u>1.0</u>	DAYS/WEEK:		<u>N/A</u>
WEEKS/YEAR:	52	<u>52</u>	WEEKS/SEASON:		<u>N/A</u>
HOURS/YEAR:	259	<u>254</u>	HOURS/SEASON:		<u>N/A</u>
RATE/HR:	0.1455	<u>0.1167</u>	START TIME:		<u>N/A</u>
			END TIME:		<u>N/A</u>
			RATE/HR:		<u>N/A</u>

Report: APCA0530

Illinois Environmental Protection Agency

Page: 05

Division of Air Pollution Control

Date: 11-27-2013

DAPC - ANNUAL EMISSIONS REPORT - 2013

099802AAA - EXELON LaSalle County Station

## - FUEL COMBUSTION DATA -

POINT 0001 - 5 DIESEL GENERATORS

PERMIT: 75040086

BEGAN OPERATION: 04 / 1975

SCC: 20100102

CEASED OPERATION /

MODE 01 -

POLLUTANT CODE	METHOD		EMISSION FACTOR		EMISSION RATE (LB/HR)		
	IEPA	REP	IEPA	REPORTED	IEPA	REPORTED	
CO	3	3		.85 LB/mmBTU	21.3	17.12	13.79
CO2	3	3	22600	165 LB/mBTU	16950	3322.88	2677.75
NH3	3	5		.8 LB/10 <sup>3</sup> gal	.6	0.12	0.09
NOX	3	3		3.2 LB/mmBTU	80.2	64.44	51.93
PART	3	3		.0697 LB/mmBTU	1.12	1.4	1.13
PM10	3	3		.0573 LB/mmBTU	1.12	1.15	0.93
PM2.5	3	3		.0573 LB/mmBTU	1.12	1.15	0.93
SO2	3	3	0.0008	LB/mmBTU	1.01	0.02	0.01
VOM	3	3		.09 LB/mmBTU	2.26	1.81	1.46

## OZONE SEASON

POLLUTANT CODE	METHOD		EMISSION FACTOR		EMISSION RATE (LB/HR)	
	IEPA	REP	IEPA	REPORTED	IEPA	REPORTED

## CAPTURING CONTROLS:

## CAPTURING STACKS:

STACK	0001	CAPTURE EFFICIENCY:	12.74	%	15.65
STACK	0002	CAPTURE EFFICIENCY:	27.81	%	24.00
STACK	0003	CAPTURE EFFICIENCY:	21.67	%	20.07
STACK	0004	CAPTURE EFFICIENCY:	15.42	%	18.84
STACK	0005	CAPTURE EFFICIENCY:	22.36	%	21.44



Report: APCA0530

Illinois Environmental Protection Agency

Page: 06

Division of Air Pollution Control

Date: 11-27-2013

DAPC - ANNUAL EMISSIONS REPORT - 2013

099802AAA - EXELON LaSalle County Station

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

TANK TYPE: HORIZONTAL CYLINDRICAL DOUBLE WALL

CAPACITY: 2000 gal

TEMPERATURE (F): 70

DIAMETER (FT): 5.0 5.33

ROOF COLOR:

HEIGHT (FT): 5 5.33

SHELL COLOR: WHITE

LENGTH (FT): 12

ROOF PAINT CONDITION:

VAPOR SPACE (FT): 1.5

SHELL PAINT CONDITION: GOOD

LOCATION: ABOVEGROUND

SEAL TYPE:

SUPPORT TYPE:

MATERIAL	MWT	VP (psia)	DENSITY	-----THROUGHPUTS-----	
				ANNUAL (gallons)	PEAK OZONE (gallons)
Unleaded Gasoline	92.00	3.82	6.6 lbs/gal	16,468	N/A

Report: APCA0530

Illinois Environmental Protection Agency

Page: 07

Division of Air Pollution Control

Date: 11-27-2013

099802AAA - EXELON LaSalle County Station

DAPC - ANNUAL EMISSIONS REPORT - 2013

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

MODE 01 - GASOLINE

SCC: 40301003

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 21.82 % 23.88 MAR - MAY: 20.18 % 27.56  
JUN - AUG: 28.73 % 20.47 SEP - NOV: 29.27 % 28.09

BEGAN OPERATION: 12 / 1998 \_\_\_\_\_  
CEASED OPERATION: / \_\_\_\_\_

UNITS: 1000 GALLONS STORAGE CAPACITY

UNITS: 1000 GALLONS STORAGE CAPACITY

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0	_____	HOURS/DAY:	_____	N/A
DAYS/WEEK:	7.0	_____	DAYS/WEEK:	_____	N/A
WEEKS/YEAR:	52	_____	WEEKS/SEASON:	_____	N/A
HOURS/YEAR:	8,760	<u>8760</u>	HOURS/SEASON:	_____	N/A
RATE/HR: 0.0021 <u>0.0019</u>			START TIME:	_____	N/A
			END TIME:	_____	N/A
			RATE/HR:	_____	N/A

Report: APCA0530

Illinois Environmental Protection Agency

Page: 08

Division of Air Pollution Control

Date: 11-27-2013

DAPC - ANNUAL EMISSIONS REPORT - 2013

099802AAA - EXELON LaSalle County Station

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

MODE 01 -

SCC: 40301003

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA REPORTED	EMISSION RATE (LB/HR) IEPA REPORTED
VOM	5 3		.00128 0.035 0.034

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA REPORTED
DM	5		.034

CAPTURING CONTROLS:

CONTROL 0001 CAPTURE EFFICIENCY: 100.00 %

CAPTURING STACKS:

Report: APCA0530

Illinois Environmental Protection Agency

Page: 9

Division of Air Pollution Control

Date: 11-27-2013

099802AAA - EXELON LaSalle County Station

DAPC - ANNUAL EMISSIONS REPORT - 2013

- CONTROL DEVICE DATA

CONTROL 0001 - GASOLINE STORAGE TANK STAGE I AND II VAPOR RECOVERY SYSTEMS

PERMIT: 98110031

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

CONTROL CODE: 110

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION		METHOD	PEAK OZONE SEASON OPERATION		METHOD
	EFFICIENCY			EFFICIENCY		
	IEPA	REPORTED	IEPA	REPORTED	IEPA	REPORTED
VOM	99.000					

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0012 CAPTURE EFFICIENCY: 100.00 %

099802AAA - EXELON LaSalle County Station

## - STACK DATA

STACK	DIAMETER (FT)	HEIGHT (FT)	FLOW RATE (ACFM)	TEMPERATURE (F)
0001	STACK 1 FOR DIESEL GENERATOR 1.83	44	13800	735
0002	STACK 2 FOR DIESEL GENERATOR 1.83	44	13800	735
0003	STACK 3 FOR DIESEL GENERATOR 1.83	44	13800	735
0004	STACK 4 FOR DIESEL GENERATOR 1.83	44	13800	735
0005	STACK 5 FOR DIESEL GENERATOR 1.83	44	13800	735
0012	GASOLINE STORAGE CONTROL 0.17	12	2	70

**RAI # MA-05**  
**ATTACHMENT 5**



Exelon Generation

LaSalle County Generating Station

2601 N. 7th Road  
Marseilles, IL 61341  
www.exeloncorp.com

April 24, 2015

**CERTIFIED MAIL**

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Air Quality Planning Section (#39)  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276

ATTN: Annual Emission Report

Subject: 2014 Annual Emission Report – FESOP Permit No. 75040086

Enclosed is the 2014 Annual Emission Report for Exelon Generation Company, LLC - LaSalle County Station. The Source ID Number for this facility is 099802AAA.

There were no exceedances of any annual permit requirements during the calendar year 2014.

Also, please find enclosed, Exelon's executed Evidence of Authority to sign dated February 5, 2015.

If there are any questions concerning this report, please contact William A. Buinickas, Environmental Specialist, at (815) 415-3235.

Sincerely,

Harold T. Vinyard  
Plant Manager  
Exelon – LaSalle County Station

WAB/dck

Enclosures (2 copies)

Cc: W. Buinickas – LaSalle Environmental Specialist  
K. Hersey – Corporate Support Environmental  
M. Martin – Chemistry Manager  
SRRS – 2H.100

## Division of Air Pollution Control

Date: 11-19-2014

## DAPC - ANNUAL EMISSIONS REPORT - 2014

099802AAA - EXELON LaSalle County Station

## - SOURCE DATA -

SOURCE  
IDS AND  
LOCATION

AIRS: 17-099-0086	IEPA USE ONLY	SIC 1: 4911	NAICS 1: 221113
FINDS: ILD984897827	IEPA USE ONLY	SIC 2: _____	NAICS 2: _____
FEIN: 360098600	_____	SIC 3: _____	NAICS 3: _____
D&B: 0006929509	_____	SIC 4: _____	NAICS 4: _____
LATITUDE: 41:14:45.2544	_____	SIC 5: _____	NAICS 5: _____
LONGITUDE: 88:40:09.7392	_____	SIC 6: _____	NAICS 6: _____

SOURCE  
ADDRESS

Exelon LaSalle County Station	CONTACT: William A. Buinickas	EXT:
2601 N 21st Rd	PHONE: 815-415-3235	
Marseilles, IL 61341	FAX: 815-415-4785	
	E-MAIL: _____	

ANNUAL  
EMISSION  
REPORT  
MAILING  
ADDRESS

Exelon - LaSalle County Station	CONTACT: William A. Buinickas	EXT:
2601 N 21st Rd	PHONE: 815-415-3235	
Marseilles, IL 61341	FAX: 815-415-4785	
	E-MAIL: william.buinickas@exeloncorp.com	

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44 (h))

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

  
AUTHORIZED SIGNATURE

04/24/2015

DATE

Harold T. Vinyard / Plant Manager  
TYPED OR PRINTED NAME AND TITLE

815-415-3700

TELEPHONE NUMBER

The Illinois EPA is authorized to require, and you must disclose, the information on this form pursuant to 35 Ill. Adm. Code 201.302 (a, b) and 254. It is not necessary to use this form in providing the information. Failure to disclose the information may result in penalties as provided for in the Environmental Protection Act, 415 ILCS 5/24-45.



Report: APCA0530

Illinois Environmental Protection Agency

Page: 02

Division of Air Pollution Control

Date: 11-19-2014

DAPC - ANNUAL EMISSIONS REPORT - 2014

099802AAA - EXELON LaSalle County Station

- ANNUAL SOURCE EMISSIONS -

POLLUTANT CODE	SOURCE REPORTED EMISSIONS FOR 2014 (TONS/YEAR)	ALLOWABLE EMISSIONS (TONS/YEAR)	EMISSIONS REPORTED FOR 2013 (TONS/YEAR)	IEPA 2014 ESTIMATED (TONS/YEAR)
CO	2.478028	25.221000	1.754656	3.195002
CO2	481.028919	5,085.000000	340.609635	2,542.500000
NH3	0.016810	0.222900	0.011878	0.090000
NOX	9.329046	95.001000	6.605763	12.030000
PART	0.203198	2.259000	0.143882	0.167999
PM10	0.167048	0.432000	0.118284	0.167999
PM2.5	0.167048	0.336000	0.118284	0.167999
SO2	0.002692	7.500000	0.001642	0.151500
VOM	0.290235	3.005591	0.335397	0.344592

Page: 03

Date: 11-19-2014

099802AAA -EXELON LaSalle County Station

PERMIT NUMBER	TYPE OF PERMIT	OPERATION NAME	STATUS	STATUS DATE	EXPIRES
75040086	FESOP	LASALLE COUNTY GENERATING STATION	GRANTED	12-11-2000	12-11-2005

Report: APCA0530

Illinois Environmental Protection Agency

Page: 04

Division of Air Pollution Control

Date: 11-19-2014

099802AAA - EXELON LaSalle County Station

DAPC - ANNUAL EMISSIONS REPORT - 2014

- FUEL COMBUSTION DATA -

POINT 0001 - 5 DIESEL GENERATORS

PERMIT: 75040086

BEGAN OPERATION: 04 / 1975  
CEASED OPERATION: /

SCC: 20100102

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 23.22 % 37.90 MAR - MAY: 53.74 % 21.74  
JUN - AUG: 9.83 % 21.76 SEP - NOV: 13.21 % 18.60

BEGAN OPERATION: 04 / 1975  
CEASED OPERATION: /

FUEL TYPE: 21 DISTILLATE OIL #2  
INPUT (MMBTU/HR): 130

HEAT CONTENT: 137551 Btu/gal. 138743  
SULFUR CONTENT (%): 0.0400 0.0009  
ASH CONTENT (%): N/A  
NITROGEN CONTENT (%): N/A

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	4.5	5.2	HOURS/DAY:	4.5	N/A
DAYS/WEEK:	1.0	1.0	DAYS/WEEK:	1.0	N/A
WEEKS/YEAR:	52	52	WEEKS/SEASON:	13	N/A
HOURS/YEAR:	254	268	HOURS/SEASON:	63	N/A
RATE/HR:	0.1167	0.1570	START TIME:		N/A
			END TIME:		N/A
			RATE/HR:	0.1167	N/A

Report: APCA0530

Illinois Environmental Protection Agency

Page: 05

Division of Air Pollution Control

Date: 11-19-2014

## DAPC - ANNUAL EMISSIONS REPORT - 2014

099802AAA - EXELON LaSalle County Station

## - FUEL COMBUSTION DATA -

POINT 0001 - 5 DIESEL GENERATORS

PERMIT: 75040086

BEGAN OPERATION: 04 / 1975

SCC: 20100102

CEASED OPERATION /

MODE 01

POLLUTANT CODE	METHOD		EMISSION FACTOR		EMISSION RATE (LB/HR)		
	IEPA	REP	IEPA	REPORTED	IEPA	REPORTED	
CO	3	3		.85 LB/mmBTU	21.3	13.79	18.52
CO2	3	3	22600	165 LB/mBTU	16950	2677.75	3595.13
NH3	3	5		.8 LB/10 <sup>3</sup> gal	.6	0.09	0.13
NOX	3	3		3.2 LB/mmBTU	80.2	51.93	69.72
PART	3	3		.0697 LB/mmBTU	1.12	1.13	1.52
PM10	3	3		.0573 LB/mmBTU	1.12	0.93	1.25
PM2.5	3	3		.0573 LB/mmBTU	1.12	0.93	1.25
SO2	3	3		0.0008 LB/mmBTU	1.01	0.01	0.02
VOM	3	3		.09 LB/mmBTU	2.26	1.46	1.96

POLLUTANT CODE	METHOD		EMISSION FACTOR		OZONE SEASON EMISSION RATE (LB/HR)		
	IEPA	REP	IEPA	REPORTED	IEPA	REPORTED	
NOX	3	3	NA	3.2	51.93	51.93	NA
VOM	3	3	NA	0.9	1.46	1.46	NA

STACK	CAPTURE EFFICIENCY:	14.15	%	18.77
STACK	CAPTURE EFFICIENCY:	35.19	%	23.64
STACK	CAPTURE EFFICIENCY:	25.93	%	18.95
STACK	CAPTURE EFFICIENCY:	9.98	%	18.15
STACK	CAPTURE EFFICIENCY:	14.75	%	20.49

Report: APCA0530

Illinois Environmental Protection Agency

Page: 06

Division of Air Pollution Control

Date: 11-19-2014

DAPC - ANNUAL EMISSIONS REPORT - 2014

099802AAA - EXXELON LaSalle County Station

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

TANK TYPE: HORIZONTAL CYLINDRICAL DOUBLE WALL

CAPACITY:	2000	gal		TEMPERATURE (F):	70	
DIAMETER (FT):	5.0	5.33		ROOF COLOR:		
HEIGHT (FT):	5	5.33		SHELL COLOR: WHITE		
LENGTH (FT):	12			ROOF PAINT CONDITION:		
VAPOR SPACE (FT):	1.5			SHELL PAINT CONDITION: GOOD		
LOCATION:	ABOVEGROUND					
SEAL TYPE:						
SUPPORT TYPE:						

MATERIAL	MWT	VP (psia)	DENSITY	ANNUAL (gallons)	THROUGHPUTS PEAK OZONE (gallons)
Unleaded Gasoline	92.00	3.82	6.6 lbs/gal	18,935	N/A

Report: APCA0530

Illinois Environmental Protection Agency

Page: 07

Division of Air Pollution Control

Date: 11-19-2014

099802AAA - EXELON LaSalle County Station

DAFC - ANNUAL EMISSIONS REPORT - 2014

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

MODE 01 - GASOLINE

SCC: 40301003

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 23.88 % 32.55 MAR - MAY: 27.56 % 21.48  
JUN - AUG: 20.47 % 25.79 SEP - NOV: 28.09 % 20.18

BEGAN OPERATION: 12 / 1998 \_\_\_\_\_  
CEASED OPERATION: / \_\_\_\_\_

UNITS: 1000 GALLONS STORAGE CAPACITY

UNITS: 1000 GALLONS STORAGE CAPACITY

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0	_____	HOURS/DAY:	24.0	N/A
DAYS/WEEK:	7.0	_____	DAYS/WEEK:	7.0	N/A
WEEKS/YEAR:	52	_____	WEEKS/SEASON:	13	N/A
HOURS/YEAR:	8,760	<u>8760</u>	HOURS/SEASON:	2,208	N/A
RATE/HR: 0.0019 0.0022			START TIME:		N/A
			END TIME:		N/A
			RATE/HR: 0.0019		N/A

Report: APCA0530

Illinois Environmental Protection Agency

Page: 08

Division of Air Pollution Control

Date: 11-19-2014

099802AAA - EXELON LaSalle County Station

DAPC - ANNUAL EMISSIONS REPORT - 2014

- STORAGE TANK DATA -

POINT 0008 - GASOLINE STORAGE TANK

PERMIT: 75040086

MODE 01 -

SCC: 40301003

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR		EMISSION RATE (LB/HR)		
		IEPA	REPORTED	IEPA	REPORTED	
VOM	5 3			.00128	0.034	0.028

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR		OZONE SEASON EMISSION RATE (LB/HR)	
		IEPA	REPORTED	IEPA	REPORTED
OM	3			.034	

CAPTURING CONTROLS:

CONTROL 0001

CAPTURE EFFICIENCY:

100.00 %

CAPTURING STACKS:

Report: APCA0530

Illinois Environmental Protection Agency

Page: 9

Division of Air Pollution Control

Date: 11-19-2014

DAPC - ANNUAL EMISSIONS REPORT - 2014

099802AAA - EXELON LaSalle County Station

- CONTROL DEVICE DATA

CONTROL 0001 - GASOLINE STORAGE TANK STAGE I AND II VAPOR RECOVERY SYSTEMS

PERMIT: 98110031

BEGAN OPERATION: 12 / 1998  
CEASED OPERATION: /

CONTROL CODE: 110

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION		METHOD	PEAK OZONE SEASON OPERATION		METHOD
	EFFICIENCY			EFFICIENCY		
	IEPA	REPORTED	IEPA	REPORTED	IEPA	REPORTED
VOM	99.000					
<u>CAPTURING CONTROLS:</u>						
<u>CAPTURING STACKS:</u>						
STACK	0012		CAPTURE EFFICIENCY:	100.00	%	



Report: APCA0530

Illinois Environmental Protection Agency

Page: 10

Division of Air Pollution Control

Date: 11-19-2014

DAPC - ANNUAL EMISSIONS REPORT - 2014

099802AAA - EXELON LaSalle County Station

- STACK DATA

STACK	DIAMETER (FT)	HEIGHT (FT)	FLOW RATE (ACFM)	TEMPERATURE (F)
0001	STACK 1 FOR DIESEL GENERATOR 1.83	44	13800	735
0002	STACK 2 FOR DIESEL GENERATOR 1.83	44	13800	735
0003	STACK 3 FOR DIESEL GENERATOR 1.83	44	13800	735
0004	STACK 4 FOR DIESEL GENERATOR 1.83	44	13800	735
0005	STACK 5 FOR DIESEL GENERATOR 1.83	44	13800	735
0012	GASOLINE STORAGE CONTROL 0.17	12	2	70