

**BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO**

The Dayton Power and Light Company's )	Case No. 15-0172-EL-ECP
Notice of Filing Greenhouse Gas Report )	
)	

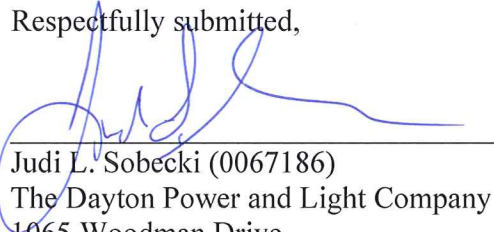
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**NOTICE OF FILING**

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The Commission's December 12, 2012 Entry in Case No. 12-3026-EL-WVR granted The Dayton Power and Light Company ("DP&L") a waiver of the requirement of O.A.C. 4901:1-41-03 that DP&L become a participating member in the climate registry and report greenhouse gas (GHG) emissions according to the Commission's GHG Rule in light of the mandatory federal GHG reporting requirements. The Entry directed DP&L to docket its federal GHG report with the Commission. Accordingly, attached hereto are the emission reports from the federal EPA reporting system for DP&L plants located in Ohio.

Respectfully submitted,



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Company

**Certification Statement:**

The designated representative or alternate designated representative must sign (i.e., agree to) this certification statement. If you are an agent and you click on "SUBMIT", you are not agreeing to the certification statement, but are submitting the certification statement on behalf of the designated representative or alternate designated representative who is agreeing to the certification statement. An agent is only authorized to make the electronic submission on behalf of the designated representative, not to sign (i.e., agree to) the certification statement.

**Facility Name:** J M Stuart

**Facility Identifier:** 520011

**Facility Reporting Year:** 2014

**Facility Location:**

Address: 745 US 52

City: Manchester

State: OH

Postal Code: 45144

**Facility Site Details:**

**CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons):** 10411867.2

**CO2 equivalent emissions from supplier subparts LL-QQ (metric tons):** 0

**Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons):** 0

**Cogeneration Unit Emissions Indicator:** N

**GHG Report Start Date:** 2014-01-01

**GHG Report End Date:** 2014-12-31

**Description of Changes to Calculation Methodology:**

**Did you use BMM in this reporting year as a result of becoming newly subject to a Part 98 subpart due to amendments to global warming potentials (Table A-1 of Part 98) finalized on November 29, 2013?** N

**Part 75 Biogenic Emissions Indication:**

**Plant Code Indicator:** Y

**Primary NAICS Code:** 221112

**Second Primary NAICS Code:**

**Parent Company Details:**

**Parent Company Name:** DUKE ENERGY CORP

**Address:** 550 South Tryon Street, Charlotte, NC 28202

**Percent Ownership Interest:** 39

**Parent Company Name:** AMERICAN ELECTRIC POWER

**Address:** 1 Riverside Plaza, Columbus, OH 43215

**Percent Ownership Interest:** 26

**Parent Company Name:** AES CORP

**Address:** 4300 Wilson Boulevard, 11th Floor, Arlington, VA 22203

**Percent Ownership Interest:** 35

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## **Subpart C: General Stationary Fuel Combustion**

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**Gas Information Details**

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0.14 (Metric Tons)	
Nitrous Oxide		0.027 (Metric Tons)	
Carbon Dioxide		3387.5 (Metric Tons)	

**Unit Details:**

**Unit Name :** GP-01

**Unit Type :** OCS (Other combustion source)

**Unit Description :** Group 1

**Other Unit Name :**

**PlantCode:** 2850 (numeric, maximum of 6 digits)

**Small Unit Aggregation Details:**

**Use Ivt Indicator:** N

**Highest Maximum Rated Heat Input Capacity:** 70

**Emission Details:**

**Annual CO<sub>2</sub> mass emissions from sorbent:** 0 (Metric Tons)

**Annual Biogenic CO<sub>2</sub> Emissions:** 0 (metric tons)

**Annual Fossil fuel based CO<sub>2</sub> Emissions:** 3387.5 (metric tons)

**Tier Fuel Details:**

**Fuel :** Distillate Fuel Oil No. 2

**Tier Name :** Tier 2 (Equation C-2a)

**Tier Methodology Start Date :** 2014-01-01

**Tier Methodology End Date :** 2014-12-31

**Frequency of HHV determinations :** Once per fuel lot

**Tier 2 Monthly HHV Details :**

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

**Fuel Emission Details :**

Total CO <sub>2</sub> emissions	Total CH <sub>4</sub> emissions	Total N <sub>2</sub> O emissions	Total CH <sub>4</sub> emissions CO <sub>2</sub> e	Total N <sub>2</sub> O emissions CO <sub>2</sub> e
3387.5 (Metric Tons)	0.14 (Metric Tons)	0.027 (Metric Tons)	3.4 (Metric Tons)	8.2 (Metric Tons)

**Equation C2a/C9a Inputs :**

**Fuel Quantity :** 338276 (gallons/year)

**Use Default High Heat Value :** false

**Equation C2b Inputs :**

	Fuel Combusted	High Heat Value
<b>January</b>	3166 (gallons/month)	0.136183 (mmBtu/gallon)
<b>February</b>	667 (gallons/month)	0.135724 (mmBtu/gallon)
<b>March</b>	45397 (gallons/month)	0.135883 (mmBtu/gallon)
<b>April</b>	36898 (gallons/month)	0.136690 (mmBtu/gallon)
<b>May</b>	37412 (gallons/month)	0.133753 (mmBtu/gallon)
<b>June</b>	62624 (gallons/month)	0.134922 (mmBtu/gallon)

<b>July</b>	1250 (gallons/month)	0.135597 (mmBtu/gallon)
<b>August</b>	500 (gallons/month)	0.134941 (mmBtu/gallon)
<b>September</b>	27476 (gallons/month)	0.135624 (mmBtu/gallon)
<b>October</b>	59939 (gallons/month)	0.135163 (mmBtu/gallon)
<b>November</b>	11355 (gallons/month)	0.135096 (mmBtu/gallon)
<b>December</b>	51592 (gallons/month)	0.135981 (mmBtu/gallon)

## Subpart D: Electricity Generation

### Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		111.23 (Metric Tons)	
Nitrous Oxide		177.961 (Metric Tons)	
Carbon Dioxide		10352655 (Metric Tons)	

### Unit Details:

**Unit Name :** MS1W

**Unit Type :** Electricity Generator

**Unit Description :** Boiler 1 Wet Stack

**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology :** CEMS

**Methodology Start Date:** 2014-01-01

**Methodology End Date:** 2014-12-31

**Acid Rain Program Indicator:** Y

### Emission Details:

**Annual CO2 Emissions Including Biomass** (metric tons): 2847206.4

**Annual CO2 Emissions Including Biomass** (short tons): 3138475.6

**Annual CO2 Emissions from Biomass** (metric tons): 0

### CEMS Details:

**Operating Hours CO2 Concentration Substituted:** 127

**Operating Hours Stack Gas Flow Rate Substituted:** 52

**Operating Hours Stack Gas Moisture Substituted:** 0

### Electricity Fuel Details:

<b>Fuel type:</b> Bituminous
<b>Annual heat input:</b> 30589438 (mmBtu)
<b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 764.7 (Metric Tons)
<b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 14585.0 (Metric Tons)

**Unit Name :** MS1B

**Unit Type :** Electricity Generator

**Unit Description :** Boiler 1 Bypass Stack

**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology :** CEMS  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 6375.1  
**Annual CO2 Emissions Including Biomass** (short tons): 7027.3  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 10  
**Operating Hours Stack Gas Flow Rate Substituted:** 27  
**Operating Hours Stack Gas Moisture Substituted:** 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Bituminous <b>Annual heat input:</b> 68495 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 1.7 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 32.7 (Metric Tons)
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**Unit Name :** MS2W  
**Unit Type :** Electricity Generator  
**Unit Description :** Boiler 2 Wet Stack  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** CEMS  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 2724242.7  
**Annual CO2 Emissions Including Biomass** (short tons): 3002932.7  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 9  
**Operating Hours Stack Gas Flow Rate Substituted:** 51  
**Operating Hours Stack Gas Moisture Substituted:** 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Bituminous <b>Annual heat input:</b> 29268355 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 731.7 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 13955.2 (Metric Tons)
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**Unit Name :** MS2B  
**Unit Type :** Electricity Generator  
**Unit Description :** Boiler 2 Bypass Stack  
**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology :** CEMS  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 71763.7  
**Annual CO2 Emissions Including Biomass** (short tons): 79105.1  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 85  
**Operating Hours Stack Gas Flow Rate Substituted:** 11  
**Operating Hours Stack Gas Moisture Substituted:** 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Bituminous <b>Annual heat input:</b> 771008 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 19.3 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 367.6 (Metric Tons)
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**Unit Name :** MS3W  
**Unit Type :** Electricity Generator  
**Unit Description :** Boiler 3 Wet Stack  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** CEMS  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 2308800.4  
**Annual CO2 Emissions Including Biomass** (short tons): 2544990.7  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 10  
**Operating Hours Stack Gas Flow Rate Substituted:** 731  
**Operating Hours Stack Gas Moisture Substituted:** 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Bituminous <b>Annual heat input:</b> 24804991 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 620.1 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 11827.0 (Metric Tons)
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**Unit Name :** MS3B  
**Unit Type :** Electricity Generator  
**Unit Description :** Boiler 3 Bypass Stack  
**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology :** CEMS  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 19203.8  
**Annual CO2 Emissions Including Biomass** (short tons): 21168.4  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 23  
**Operating Hours Stack Gas Flow Rate Substituted:** 60  
**Operating Hours Stack Gas Moisture Substituted:** 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Bituminous <b>Annual heat input:</b> 206328 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 5.2 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 98.4 (Metric Tons)
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**Unit Name :** MS4W  
**Unit Type :** Electricity Generator  
**Unit Description :** Boiler 4 Wet Stack  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** CEMS  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 2362938.8  
**Annual CO2 Emissions Including Biomass** (short tons): 2604667.4  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 5  
**Operating Hours Stack Gas Flow Rate Substituted:** 9  
**Operating Hours Stack Gas Moisture Substituted:** 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Bituminous <b>Annual heat input:</b> 25386638 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 634.7 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 12104.3 (Metric Tons)
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**Unit Name :** MS4B  
**Unit Type :** Electricity Generator  
**Unit Description :** Boiler 4 Bypass Stack  
**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology : CEMS**  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 12124.1  
**Annual CO2 Emissions Including Biomass** (short tons): 13364.4  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 10  
**Operating Hours Stack Gas Flow Rate Substituted:** 29  
**Operating Hours Stack Gas Moisture Substituted:** 0.0

**Electricity Fuel Details:**

<b>Fuel type:</b> Bituminous <b>Annual heat input:</b> 130259 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 3.3 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 62.1 (Metric Tons)
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**Facility Name:** Killen Station

**Facility Identifier:** 520253

**Facility Reporting Year:** 2014

**Facility Location:**

Address: 14869 US 52

City: MANCHESTER

State: OH

Postal Code: 45144

**Facility Site Details:**

**CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons):** 3889711.3

**CO2 equivalent emissions from supplier subparts LL-QQ (metric tons):** 0

**Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons):** 0

**Cogeneration Unit Emissions Indicator:** N

**GHG Report Start Date:** 2014-01-01

**GHG Report End Date:** 2014-12-31

**Description of Changes to Calculation Methodology:**

**Did you use BMM in this reporting year as a result of becoming newly subject to a Part 98 subpart due to amendments to global warming potentials (Table A-1 of Part 98) finalized on November 29, 2013?** N

**Part 75 Biogenic Emissions Indication:**

**Plant Code Indicator:** Y

**Primary NAICS Code:** 221112

**Second Primary NAICS Code:**

**Parent Company Details:**

**Parent Company Name:** AES CORP

**Address:** 4300 Wilson Boulevard, Arlington, VA 22203

**Percent Ownership Interest:** 67

**Parent Company Name:** DUKE ENERGY CORP

**Address:** 550 S. Tryon St., Charlotte, NC 28202

**Percent Ownership Interest:** 33

## Subpart C: General Stationary Fuel Combustion

**Gas Information Details**

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0.1 (Metric Tons)	
Nitrous Oxide		0.02 (Metric Tons)	
Carbon Dioxide		2477.6 (Metric Tons)	

**Unit Details:**

**Unit Name :** B04

**Unit Type :** SCCT (CT (Turbine, simple cycle combustion))

**Unit Description :** Black Start Turbine Unit

**Individual Unit Details:**

**Use Ivt Indicator:** N

**Maximum Rated Heat Input Capacity:** 299.4 (mmBtu/hr)

**Emission Details:**

**Annual CO<sub>2</sub> mass emissions from sorbent:** 0 (Metric Tons)

**Annual Biogenic CO<sub>2</sub> Emissions:** 0 (metric tons)

**Annual Fossil fuel based CO<sub>2</sub> Emissions:** (metric tons)

**Tier Fuel Details:**

**Fuel :** Distillate Fuel Oil No. 2

**Tier Name :** Tier 2 (Equation C-2a)

**Tier Methodology Start Date :** 2014-01-01

**Tier Methodology End Date :** 2014-12-31

**Frequency of HHV determinations :** Semiannually

**Tier 2 Monthly HHV Details :**

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

**Fuel Emission Details :**

Total CO <sub>2</sub> emissions	Total CH <sub>4</sub> emissions	Total N <sub>2</sub> O emissions	Total CH <sub>4</sub> emissions CO <sub>2</sub> e	Total N <sub>2</sub> O emissions CO <sub>2</sub> e
896.1 (Metric Tons)	0.04 (Metric Tons)	0.007 (Metric Tons)	0.9 (Metric Tons)	2.2 (Metric Tons)

**Equation C2a/C9a Inputs :**

**Fuel Quantity :** 89750 (gallons/year)

**Use Default High Heat Value :** true

**High Heat Value :** 0.135 (mmBtu/gallon)

**Unit Name :** GP1

**Unit Type :** OB (Boiler, other)

**Unit Description :**

**Individual Unit Details:**

**Use Ivt Indicator:** N

**Maximum Rated Heat Input Capacity:** 96 (mmBtu/hr)

**PlantCode:** 6031 (numeric, maximum of 6 digits)

**Emission Details:**

**Annual CO<sub>2</sub> mass emissions from sorbent:** 0 (Metric Tons)

**Annual Biogenic CO<sub>2</sub> Emissions:** 0 (metric tons)

**Annual Fossil fuel based CO<sub>2</sub> Emissions:** (metric tons)

**Tier Fuel Details:**

**Fuel :** Distillate Fuel Oil No. 2

**Tier Name :** Tier 2 (Equation C-2a)

**Tier Methodology Start Date :** 2014-01-01

**Tier Methodology End Date :** 2014-12-31

**Frequency of HHV determinations :** Semiannually

**Tier 2 Monthly HHV Details :**

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

**Fuel Emission Details :**

Total CO <sub>2</sub> emissions	Total CH <sub>4</sub> emissions	Total N <sub>2</sub> O emissions	Total CH <sub>4</sub> emissions CO <sub>2</sub> e	Total N <sub>2</sub> O emissions CO <sub>2</sub> e
1581.5 (Metric Tons)	0.06 (Metric Tons)	0.013 (Metric Tons)	1.6 (Metric Tons)	3.8 (Metric Tons)

**Equation C2a/C9a Inputs :**

**Fuel Quantity :** 158395 (gallons/year)

**Use Default High Heat Value :** true

High Heat Value : 0.135 (mmBtu/gallon)

## Subpart D: Electricity Generation

### Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		456.18 (Metric Tons)	
Nitrous Oxide		66.369 (Metric Tons)	
Carbon Dioxide		3856042.8 (Metric Tons)	

### Unit Details:

**Unit Name :** B02**Unit Type :** Electricity Generator**Unit Description :** Boiler 2**Plant Code :** 6031 (numeric, maximum of 6 digits)**Part 75 Methodology :** CEMS**Methodology Start Date:** 2014-01-01**Methodology End Date:** 2014-12-31**Acid Rain Program Indicator:** Y

### Emission Details:

**Annual CO2 Emissions Including Biomass** (metric tons): 3856042.8**Annual CO2 Emissions Including Biomass** (short tons): 4250516**Annual CO2 Emissions from Biomass** (metric tons): 0

### CEMS Details:

**Operating Hours CO2 Concentration Substituted:** 178**Operating Hours Stack Gas Flow Rate Substituted:** 82**Operating Hours Stack Gas Moisture Substituted:** 0

### Electricity Fuel Details:

**Fuel type:** Bituminous**Annual heat input:** 41445799 (mmBtu)**CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:** 11397.6 (Metric Tons)**N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:** 19761.4 (Metric Tons)**Fuel type:** Distillate Fuel Oil No. 2**Annual heat input:** 92903 (mmBtu)**CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:** 7.0 (Metric Tons)**N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:** 16.6 (Metric Tons)

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**Facility Name:** O H Hutchings**Facility Identifier:** 520010**Facility Reporting Year:** 2014**Facility Location:**

Address: 9200 CHAUTAUQUA RD

City: MIAMISBURG

State: OH

Postal Code: 45342

**Facility Site Details:****CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons):** 0**CO2 equivalent emissions from supplier subparts LL-QQ (metric tons):** 0**Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons):** 0**Cogeneration Unit Emissions Indicator:** N**GHG Report Start Date:** 2014-01-01**GHG Report End Date:** 2014-12-31**Description of Changes to Calculation Methodology:****Did you use BMM in this reporting year as a result of becoming newly subject to a Part 98 subpart due to amendments to global warming potentials (Table A-1 of Part 98) finalized on November 29, 2013?** N**Part 75 Biogenic Emissions Indication:****Plant Code Indicator:** Y**Primary NAICS Code:** 221112**Second Primary NAICS Code:****Parent Company Details:****Parent Company Name:** THE DAYTON POWER & LIGHT CO**Address:** 9200 Chautauqua Road, Miamisburg, OH 45342**Percent Ownership Interest:** 100

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## Subpart C: General Stationary Fuel Combustion

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**Gas Information Details**

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0 (Metric Tons)	
Nitrous Oxide		0 (Metric Tons)	
Carbon Dioxide		0 (Metric Tons)	

**Unit Details:****Unit Name :** GP-1**Unit Type :** OCS (Other combustion source)

**Unit Description :** Coal thawing shed and building heat

**Other Unit Name :**

**Small Unit Aggregation Details:**

**Use Ivt Indicator:** N

**Highest Maximum Rated Heat Input Capacity:** 18.3

**Emission Details:**

**Annual CO<sub>2</sub> mass emissions from sorbent:** 0 (Metric Tons)

**Annual Biogenic CO<sub>2</sub> Emissions:** 0 (metric tons)

**Annual Fossil fuel based CO<sub>2</sub> Emissions:** 0 (metric tons)

**Tier Fuel Details:**

**Fuel :** Natural Gas (Weighted U.S. Average)

**Tier Name :** Tier 1 (Equation C-1)

**Tier Methodology Start Date :** 2014-01-01

**Tier Methodology End Date :** 2014-12-31

**Fuel Emission Details :**

Total CO <sub>2</sub> emissions	Total CH <sub>4</sub> emissions	Total N <sub>2</sub> O emissions	Total CH <sub>4</sub> emissions CO <sub>2</sub> e	Total N <sub>2</sub> O emissions CO <sub>2</sub> e
0 (Metric Tons)	0 (Metric Tons)	0 (Metric Tons)	0 (Metric Tons)	0 (Metric Tons)

**Equation C1/C8 Inputs :**

**Fuel Quantity :** 0 (scf/year)

## Subpart D: Electricity Generation

**Gas Information Details**

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0 (Metric Tons)	
Nitrous Oxide		0 (Metric Tons)	
Carbon Dioxide		0 (Metric Tons)	

**Unit Details:**

**Unit Name :** CS0001

**Unit Type :** Electricity Generator

**Unit Description :**

**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology :** CEMS

**Methodology Start Date:** 2014-01-01

**Methodology End Date:** 2014-12-31

**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO<sub>2</sub> Emissions Including Biomass** (metric tons): 0

**Annual CO<sub>2</sub> Emissions Including Biomass** (short tons): 0

**Annual CO<sub>2</sub> Emissions from Biomass** (metric tons): 0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 0  
**Operating Hours Stack Gas Flow Rate Substituted:** 0  
**Operating Hours Stack Gas Moisture Substituted:** 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Subbituminous <b>Annual heat input:</b> 0 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 0 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 0 (Metric Tons)
--

**Unit Name :** CS0002

**Unit Type :** Electricity Generator

**Unit Description :**

**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology :** CEMS

**Methodology Start Date:** 2014-01-01

**Methodology End Date:** 2014-12-31

**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 0

**Annual CO2 Emissions Including Biomass** (short tons): 0

**Annual CO2 Emissions from Biomass** (metric tons): 0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 0

**Operating Hours Stack Gas Flow Rate Substituted:** 0

**Operating Hours Stack Gas Moisture Substituted:** 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Subbituminous <b>Annual heat input:</b> 0 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 0 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 0 (Metric Tons)
--

**Unit Name :** CS0003

**Unit Type :** Electricity Generator

**Unit Description :**

**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology :** CEMS

**Methodology Start Date:** 2014-01-01

**Methodology End Date:** 2014-12-31

**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 0

**Annual CO2 Emissions Including Biomass** (short tons): 0

**Annual CO2 Emissions from Biomass** (metric tons): 0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 0

**Operating Hours Stack Gas Flow Rate Substituted: 0**

**Operating Hours Stack Gas Moisture Substituted: 0**

**Electricity Fuel Details:**

**Fuel type:** Subbituminous

**Annual heat input:** 0 (mmBtu)

**CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:** 0 (Metric Tons)

**N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:** 0 (Metric Tons)

**Certification Statement:**

The designated representative or alternate designated representative must sign (i.e., agree to) this certification statement. If you are an agent and you click on "SUBMIT", you are not agreeing to the certification statement, but are submitting the certification statement on behalf of the designated representative or alternate designated representative who is agreeing to the certification statement. An agent is only authorized to make the electronic submission on behalf of the designated representative, not to sign (i.e., agree to) the certification statement.

**Facility Name:** Montpelier Electric Gen Station

**Facility Identifier:** 520812

**Facility Reporting Year:** 2014

**Facility Location:**

Address: 8495 SOUTH 450 WEST

City: PONETO

State: IN

Postal Code: 46781

**Facility Site Details:**

**CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons):**  
44982.4

**CO2 equivalent emissions from supplier subparts LL-QQ (metric tons):** 0

**Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons):** 0

**Cogeneration Unit Emissions Indicator:** N

**GHG Report Start Date:** 2014-01-01

**GHG Report End Date:** 2014-12-31

**Description of Changes to Calculation Methodology:**

**Did you use BMM in this reporting year as a result of becoming newly subject to a Part 98 subpart due to amendments to global warming potentials (Table A-1 of Part 98) finalized on November 29, 2013?** N

**Part 75 Biogenic Emissions Indication:**

**Plant Code Indicator:** Y

**Primary NAICS Code:** 221112

**Second Primary NAICS Code:**

**Parent Company Details:**

**Parent Company Name:** Dayton Power and Light Company

**Address:** 1065 Woodman Drive, Dayton, OH 45432

**Percent Ownership Interest:** 100

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## Subpart D: Electricity Generation

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**Gas Information Details**

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0.83 (Metric Tons)	
Nitrous Oxide		0.083 (Metric Tons)	
Carbon Dioxide		44936.9 (Metric Tons)	

**Unit Details:**



**Unit Name :** G1CT1  
**Unit Type :** Electricity Generator  
**Unit Description :**  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** LME (§75.19(c)(4)(iii))  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 5583.7  
**Annual CO2 Emissions Including Biomass** (short tons): 6154.9  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average) <b>Annual heat input:</b> 104332 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 2.6 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 3.1 (Metric Tons)
---

**Unit Name :** G1CT2  
**Unit Type :** Electricity Generator  
**Unit Description :**  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** LME (§75.19(c)(4)(iii))  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 5935.1  
**Annual CO2 Emissions Including Biomass** (short tons): 6542.3  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average) <b>Annual heat input:</b> 110867 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 2.8 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 3.3 (Metric Tons)
---

**Unit Name :** G2CT1  
**Unit Type :** Electricity Generator  
**Unit Description :**  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** LME (§75.19(c)(4)(iii))  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 5712.7  
**Annual CO2 Emissions Including Biomass** (short tons): 6297.1  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average)
<b>Annual heat input:</b> 106682 (mmBtu)
<b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 2.7 (Metric Tons)
<b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 3.2 (Metric Tons)

**Unit Name :** G2CT2  
**Unit Type :** Electricity Generator  
**Unit Description :**  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** LME (§75.19(c)(4)(iii))  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 5844.7  
**Annual CO2 Emissions Including Biomass** (short tons): 6442.6  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average)
<b>Annual heat input:</b> 109209 (mmBtu)
<b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 2.7 (Metric Tons)
<b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 3.3 (Metric Tons)

**Unit Name :** G3CT1  
**Unit Type :** Electricity Generator  
**Unit Description :**  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** LME (§75.19(c)(4)(iii))  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 5497.5  
**Annual CO2 Emissions Including Biomass** (short tons): 6059.9  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average)
<b>Annual heat input:</b> 102750 (mmBtu)
<b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 2.6 (Metric Tons)
<b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 3.1 (Metric Tons)

**Unit Name :** G3CT2  
**Unit Type :** Electricity Generator  
**Unit Description :**  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** LME (§75.19(c)(4)(iii))  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 5283.9  
**Annual CO2 Emissions Including Biomass** (short tons): 5824.4  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average)
<b>Annual heat input:</b> 98732 (mmBtu)
<b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 2.5 (Metric Tons)
<b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 2.9 (Metric Tons)

**Unit Name :** G4CT1  
**Unit Type :** Electricity Generator  
**Unit Description :**  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** LME (§75.19(c)(4)(iii))  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 5534.6  
**Annual CO2 Emissions Including Biomass** (short tons): 6100.8  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average)
<b>Annual heat input:</b> 103384 (mmBtu)
<b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 2.6 (Metric Tons)
<b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 3.1 (Metric Tons)

**Unit Name :** G4CT2  
**Unit Type :** Electricity Generator  
**Unit Description :**  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** LME (§75.19(c)(4)(iii))  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 5544.7  
**Annual CO2 Emissions Including Biomass** (short tons): 6111.9  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average)
<b>Annual heat input:</b> 103577 (mmBtu)
<b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 2.6 (Metric Tons)
<b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 3.1 (Metric Tons)

**Certification Statement:**

The designated representative or alternate designated representative must sign (i.e., agree to) this certification statement. If you are an agent and you click on "SUBMIT", you are not agreeing to the certification statement, but are submitting the certification statement on behalf of the designated representative or alternate designated representative who is agreeing to the certification statement. An agent is only authorized to make the electronic submission on behalf of the designated representative, not to sign (i.e., agree to) the certification statement.

**Facility Name:** Tait Electric Generating Station

**Facility Identifier:** 520827

**Facility Reporting Year:** 2014

**Facility Location:**

Address: 2101 ARBOR BOULEVARD

City: DAYTON

State: OH

Postal Code: 45439

**Facility Site Details:**

**CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons):**  
44935.2

**CO2 equivalent emissions from supplier subparts LL-QQ (metric tons):** 0

**Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons):** 0

**Cogeneration Unit Emissions Indicator:** N

**GHG Report Start Date:** 2014-01-01

**GHG Report End Date:** 2014-12-31

**Description of Changes to Calculation Methodology:**

**Did you use BMM in this reporting year as a result of becoming newly subject to a Part 98 subpart due to amendments to global warming potentials (Table A-1 of Part 98) finalized on November 29, 2013?** N

**Part 75 Biogenic Emissions Indication:**

**Plant Code Indicator:** Y

**Primary NAICS Code:** 221112

**Second Primary NAICS Code:**

**Parent Company Details:**

**Parent Company Name:** Dayton Power and Light Company

**Address:** 1065 Woodman Drive, Dayton, OH 45432

**Percent Ownership Interest:** 100

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## Subpart D: Electricity Generation

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**Gas Information Details**

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0.84 (Metric Tons)	
Nitrous Oxide		0.084 (Metric Tons)	
Carbon Dioxide		44889.2 (Metric Tons)	

**Unit Details:**

**Unit Name :** CT4

**Unit Type :** Electricity Generator

**Unit Description :**

**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology :** LME (§75.19(c)(4)(iii))

**Methodology Start Date:** 2014-01-01

**Methodology End Date:** 2014-12-31

**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 12840.9

**Annual CO2 Emissions Including Biomass** (short tons): 14154.5

**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average)
<b>Annual heat input:</b> 239895 (mmBtu)
<b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 6.0 (Metric Tons)
<b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 7.1 (Metric Tons)

**Unit Name :** CT5

**Unit Type :** Electricity Generator

**Unit Description :**

**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology :** LME (§75.19(c)(4)(iii))

**Methodology Start Date:** 2014-01-01

**Methodology End Date:** 2014-12-31

**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 11282.2

**Annual CO2 Emissions Including Biomass** (short tons): 12436.4

**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average)
<b>Annual heat input:</b> 210793 (mmBtu)
<b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 5.3 (Metric Tons)
<b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 6.3 (Metric Tons)

**Unit Name :** CT6

**Unit Type :** Electricity Generator

**Unit Description :**

**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology :** LME (§75.19(c)(4)(iii))

**Methodology Start Date:** 2014-01-01

**Methodology End Date:** 2014-12-31

**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 10498.1  
**Annual CO2 Emissions Including Biomass** (short tons): 11572.1  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average)
<b>Annual heat input:</b> 196149 (mmBtu)
<b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 4.9 (Metric Tons)
<b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 5.8 (Metric Tons)

**Unit Name :** CT7

**Unit Type :** Electricity Generator

**Unit Description :**

**Plant Code :** (numeric, maximum of 6 digits)

**Part 75 Methodology :** LME (§75.19(c)(4)(iii))

**Methodology Start Date:** 2014-01-01

**Methodology End Date:** 2014-12-31

**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 10268  
**Annual CO2 Emissions Including Biomass** (short tons): 11318.4  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average)
<b>Annual heat input:</b> 191840 (mmBtu)
<b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 4.8 (Metric Tons)
<b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 5.7 (Metric Tons)

**Certification Statement:**

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**Facility Name:** Frank M Tait Station

**Facility Identifier:** 520009

**Facility Reporting Year:** 2014

**Facility Location:**

Address: 2102 ARBOR BLVD

City: MORaine

State: OH

Postal Code: 45439

**Facility Site Details:**

**CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons):** 573826

**CO2 equivalent emissions from supplier subparts LL-QQ (metric tons):** 0

**Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons):** 0

**Cogeneration Unit Emissions Indicator:** N

**GHG Report Start Date:** 2014-01-01

**GHG Report End Date:** 2014-12-31

**Description of Changes to Calculation Methodology:**

**Did you use Bamm in this reporting year as a result of becoming newly subject to a Part 98 subpart due to amendments to global warming potentials (Table A-1 of Part 98) finalized on November 29, 2013?** N

**Part 75 Biogenic Emissions Indication:**

**Plant Code Indicator:** Y

**Primary NAICS Code:** 221112

**Second Primary NAICS Code:**

**Parent Company Details:**

**Parent Company Name:** THE DAYTON POWER & LIGHT CO

**Address:** 2101 Arbor Blvd., Dayton, OH 45439

**Percent Ownership Interest:** 100

## Subpart C: General Stationary Fuel Combustion

**Gas Information Details**

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		22.89 (Metric Tons)	
Nitrous Oxide		4.578 (Metric Tons)	
Carbon Dioxide		564339.2 (Metric Tons)	

**Unit Details:**

**Unit Name :** GP-1

**Unit Type :** OCS (Other combustion source)

**Unit Description :** Four diesel generators

**Other Unit Name :**

**Small Unit Aggregation Details:**

**Use Ivt Indicator:** N

**Highest Maximum Rated Heat Input Capacity:** 30

**Emission Details:**

**Annual CO<sub>2</sub> mass emissions from sorbent:** 0 (Metric Tons)

**Annual Biogenic CO2 Emissions:** 0 (metric tons)

**Annual Fossil fuel based CO2 Emissions:** 75.6 (metric tons)

**Tier Fuel Details:**



**Fuel :** Distillate Fuel Oil No. 2  
**Tier Name :** Tier 2 (Equation C-2a)  
**Tier Methodology Start Date :** 2014-01-01  
**Tier Methodology End Date :** 2014-12-31  
**Frequency of HHV determinations :** Upon addition of oil to the storage tank

**Tier 2 Monthly HHV Details :**

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	Y

**Fuel Emission Details :**

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
564339.2 (Metric Tons)	22.89 (Metric Tons)	4.578 (Metric Tons)	572.3 (Metric Tons)	1364.3 (Metric Tons)

**Equation C2a/C9a Inputs :**

**Fuel Quantity :** 7469 (gallons/year)  
**Use Default High Heat Value :** true  
**High Heat Value :** 1021.6 (mmBtu/gallon)

## Subpart D: Electricity Generation

**Gas Information Details**

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0.11 (Metric Tons)	
Nitrous Oxide		0.012 (Metric Tons)	
Carbon Dioxide		7544 (Metric Tons)	

**Unit Details:**

**Unit Name :** 1  
**Unit Type :** Electricity Generator  
**Unit Description :**  
**Plant Code :** 2847 (numeric, maximum of 6 digits)  
**Part 75 Methodology :** LME (§75.19(c)(4)(iii))  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass (metric tons):** 2682.8  
**Annual CO2 Emissions Including Biomass (short tons):** 2957.3  
**Annual CO2 Emissions from Biomass (metric tons):** 0

**Electricity Fuel Details:**

**Fuel type:** Natural Gas (Weighted U.S. Average)  
**Annual heat input:** 45114.8310263776 (mmBtu)  
**CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:** 1.1 (Metric Tons)  
**N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:** 1.3 (Metric Tons)

**Fuel type:** Distillate Fuel Oil No. 2  
**Annual heat input:** 3261.00043528064 (mmBtu)  
**CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:** 0.2 (Metric Tons)  
**N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:** 0.6 (Metric Tons)

**Unit Name :** 2

**Unit Type :** Electricity Generator  
**Unit Description :**  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** LME (§75.19(c)(4)(iii))  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 2178.4  
**Annual CO2 Emissions Including Biomass** (short tons): 2401.3  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average) <b>Annual heat input:</b> 41643.7532515017 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 1.0 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 1.2 (Metric Tons)
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<b>Fuel type:</b> Distillate Fuel Oil No. 2 <b>Annual heat input:</b> 127.217182130584 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 0.0 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 0.0 (Metric Tons)
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**Unit Name :** 3  
**Unit Type :** Electricity Generator  
**Unit Description :**  
**Plant Code :** (numeric, maximum of 6 digits)  
**Part 75 Methodology :** LME (§75.19(c)(4)(iii))  
**Methodology Start Date:** 2014-01-01  
**Methodology End Date:** 2014-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass** (metric tons): 2682.8  
**Annual CO2 Emissions Including Biomass** (short tons): 2957.3  
**Annual CO2 Emissions from Biomass** (metric tons): 0

**Electricity Fuel Details:**

<b>Fuel type:</b> Natural Gas (Weighted U.S. Average) <b>Annual heat input:</b> 5501.6 (mmBtu) <b>CH<sub>4</sub> Emissions CO<sub>2</sub> Equivalent:</b> 0.1 (Metric Tons) <b>N<sub>2</sub>O Emissions CO<sub>2</sub> Equivalent:</b> 0.2 (Metric Tons)
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**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**4/15/2015 2:29:13 PM**

**in**

**Case No(s). 15-0172-EL-ECP**

Summary: Notice of filing The Dayton Power and Light Company's Federal Greenhouse Gas Reports electronically filed by Eric R Brown on behalf of The Dayton Power and Light Company