

June 9, 2014

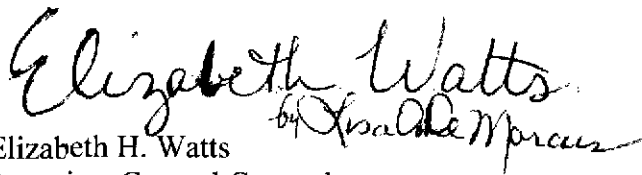
Ms. Barcy F. McNeal, Secretary  
Public Utilities Commission of Ohio  
180 East Broad Street, 11<sup>th</sup> Floor  
Columbus, Ohio 43215

Re: In the Matter of the Notice of Filing of Greenhouse Gas Report by Duke Energy Ohio,  
Inc. Case No. 14-0562-EL-UNC

Dear Ms. McNeal,

On April 14, 2014, Duke Energy Ohio, Inc., submitted a Notice of Filing of Greenhouse Gas Report in the above-noted docket. Since the time of the filing, Duke Energy Ohio, Inc., discovered that incorrect data was included in the report for the Walter J. Beckjord Station. The Company has submitted the corrected data to the U.S. Environmental Protection Agency, and would like to substitute the correct data in the this docket. Kindly replace pages 3-12 from with the substitute pages 3-12, attached hereto. Should you have any questions, please do not hesitate to give me a call.

Sincerely,

  
Elizabeth H. Watts  
Associate General Counsel

Enclosure

RECEIVED-DOCKETING DIV  
2014 JUN 11 PM 3:01  
PUCO

## **GHG Summary Report**

### **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: Walter C Beckjord Generating Station

Facility Identifier: 519999

Facility Reporting Year: 2013

Facility Location:

Address: 757 US RT 52

City: NEW RICHMOND

State: OH

Postal Code: 45200

### **Facility Site Details:**

CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons): 2415580

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: 2013-01-01

GHG Report End Date: 2013-12-31

Description of Changes to Calculation Methodology:

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: 1065 Woodman Drive, Dayton, OH 45432

Percent Ownership Interest: 16.1

Parent Company Name: DUKE ENERGY CORP

Address: 526 South Church St, Charlotte, NC 28202-1803

Percent Ownership Interest: 79.9

Parent Company Name: AMERICAN ELECTRIC POWER

Address: One Riverside Plaza, Columbus, OH 43215-2372

Percent Ownership Interest: 4

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		0.32 (Metric Tons)	
Nitrous Oxide		0.066 (Metric Tons)	
Carbon Dioxide		8864.2 (Metric Tons)	

**Unit Details:**

**Unit Name:** CT1

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

**Unit Description:**

**Other Unit Name:**

**Emission Details:**

**Annual Biogenic CO2 Emissions:** 0.0 (metric tons)

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

**Annual CO2 emission measured by CEMS or Other Part75 Methodology:** 1798.0

**Tier Methodology Start Date:** 2013-01-01

**Tier Methodology End Date:** 2013-12-31

**Part75 Heat Input Method:** Appendix D

**Part 75 CO2 Methodology:** Appendix D and G calculation method--- § 98.33(a)(5)(i)

**Appendix D and G calculation method:**

**Source operating hours in the reporting year that fuel flow rate was missing:** 0

**Source operating hours in the reporting year that high heating value was missing:** 0

**Tier Fuel Details:**

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

**Fuel Emission Details:**

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

**Annual heat input:** 21306 (mmBtu)

**CH4 Emissions CO2 Equivalent:** 1.6 (Metric Tons)

**N2O Emissions CO2 Equivalent:** 3.8 (Metric Tons)

**Unit Name:** CT3  
**Unit Type:** OCS (Other combustion source)  
**Unit Description:**  
**Other Unit Name:**

**Emission Details:**

**Annual Biogenic CO2 Emissions:** 0.0 (metric tons)  
**Annual Fossil fuel based CO2 Emissions:** (metric tons)  
**Annual CO2 emission measured by CEMS or Other Part75 Methodology:** 708.0  
**Tier Methodology Start Date:** 2013-01-01  
**Tier Methodology End Date:** 2013-12-31  
**Part75 Heat Input Method:** Appendix D  
**Part 75 CO2 Methodology:** Appendix D and G calculation method--- § 98.33(a)(5)(i)

**Appendix D and G calculation method:**

**Source operating hours in the reporting year that fuel flow rate was missing:** 11  
**Source operating hours in the reporting year that high heating value was missing:** 0

**Tier Fuel Details:**

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

**Fuel Emission Details:**

**Fuel Type:** Distillate Fuel Oil No. 2  
**Annual heat input:** 8732 (mmBtu)  
**CH4 Emissions CO2 Equivalent:** 0.7 (Metric Tons)  
**N2O Emissions CO2 Equivalent:** 1.6 (Metric Tons)

**Unit Name:** CT4  
**Unit Type:** OCS (Other combustion source)  
**Unit Description:**  
**Other Unit Name:**

**Emission Details:**

**Annual Biogenic CO2 Emissions:** 0.0 (metric tons)  
**Annual Fossil fuel based CO2 Emissions:** (metric tons)  
**Annual CO2 emission measured by CEMS or Other Part75 Methodology:** 1120.0  
**Tier Methodology Start Date:** 2013-01-01  
**Tier Methodology End Date:** 2013-12-31  
**Part75 Heat Input Method:** Appendix D  
**Part 75 CO2 Methodology:** Appendix D and G calculation method--- § 98.33(a)(5)(i)

**Appendix D and G calculation method:**

**Source operating hours in the reporting year that fuel flow rate was missing: 11**

**Source operating hours in the reporting year that high heating value was missing: 0**

**Tier Fuel Details:**

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

**Fuel Emission Details:**

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

**Annual heat input:** 14046 (mmBtu)

**CH4 Emissions CO2 Equivalent:** 1.1 (Metric Tons)

**N2O Emissions CO2 Equivalent:** 2.5 (Metric Tons)

**Unit Name:** GP-1

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

**Unit Description:** All in-house & tractor shed heaters

**Other Unit Name:**

**Small Unit Aggregation Details:**

**Highest Maximum Rated Heat Input Capacity:** 1.7

**Emission Details:**

**Annual CO2 mass emissions from sorbent:** 0.0 (Metric Tons)

**Annual Biogenic CO2 Emissions:** 0.0 (metric tons)

**Annual Fossil fuel based CO2 Emissions:** 351.2 (metric tons)

**Tier Fuel Details:**

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

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

**Tier Methodology Start Date:** 2013-01-01

**Tier Methodology End Date:** 2013-12-31

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

**Tier 2 Monthly HHV Details:**

January	February	Marc	Apri	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

**Fuel Emission Details:**

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
351.2 (Metric Tons)	0.01 (Metric Tons)	0.003 (Metric Tons)	0.3 (Metric Tons)	0.9 (Metric Tons)

**Unit Name:** CT2**Unit Type:** OCS (Other combustion source)**Unit Description:****Other Unit Name:****Emission Details:****Annual Biogenic CO2 Emissions:** 0.0 (metric tons)**Annual Fossil fuel based CO2 Emissions:** (metric tons)**Annual CO2 emission measured by CEMS or Other Part75 Methodology:** 4887.0**Tier Methodology Start Date:** 2013-01-01**Tier Methodology End Date:** 2013-12-31**Part75 Heat Input Method:** Appendix D**Part 75 CO2 Methodology:** Appendix D and G calculation method--- § 98.33(a)(5)(i)**Appendix D and G calculation method:****Source operating hours in the reporting year that fuel flow rate was missing:** 0**Source operating hours in the reporting year that high heating value was missing:** 0**Tier Fuel Details:****Fuel:** Distillate Fuel Oil No. 2**Fuel Emission Details:****Fuel Type:** Distillate Fuel Oil No. 2**Annual heat input:** 60953 (mmBtu)**CH4 Emissions CO2 Equivalent:** 4.6 (Metric Tons)**N2O Emissions CO2 Equivalent:** 10.9 (Metric Tons)

Subpart D: Electricity Generation

**Gas Information Details:**

Gas Name	Other Gas Name	Gas Quantity	Own Result?
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Biogenic Carbon	dioxide	0 (Metric Tons)	
Methane		282 (Metric Tons)	
Nitrous Oxide		41.019 (Metric Tons)	
Carbon Dioxide		2387414.5 (Metric Tons)	

**Unit Details:**

**Unit Name:** 6

**Unit Type:** Electricity Generator

**Unit Description:**

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

**Part 75 Methodology:** CEMS

**Methodology Start Date:** 2013-01-01

**Methodology End Date:** 2013-12-31

**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass (metric tons):** 1378788.8

**Annual CO2 Emissions Including Biomass (short tons):** 1519838.9

**Annual CO2 Emissions from Biomass (metric tons):** 0.0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 51

**Operating Hours Stack Gas Flow Rate Substituted:** 29

**Operating Hours Stack Gas Moisture Substituted:**

**Electricity Fuel Details:**

**Fuel Type:** Bituminous

**Annual heat input:** 14800000 (mmBtu)

**CH4 Emissions CO2 Equivalent:** 4070.0 (Metric Tons)

**N2O Emissions CO2 Equivalent:** 7056.6 (Metric Tons)

**Unit Name:** 1

**Unit Type:** Electricity Generator

**Unit Description:**

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

**Part 75 Methodology:** CEMS

**Methodology Start Date:** 2013-01-01

**Methodology End Date:** 2013-12-31

**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass (metric tons): 0.0**

**Annual CO2 Emissions Including Biomass (short tons): 0.0**

**Annual CO2 Emissions from Biomass (metric tons): 0.0**

**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: Bituminous**

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

**CH4 Emissions CO2 Equivalent: 0.0 (Metric Tons)**

**N2O Emissions CO2 Equivalent: 0.0 (Metric Tons)**

**Unit Name: 2**

**Unit Type: Electricity Generator**

**Unit Description:**

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

**Part 75 Methodology: CEMS**

**Methodology Start Date: 2013-01-01**

**Methodology End Date: 2013-12-31**

**Acid Rain Program Indicator: Y**

**Emission Details:**

**Annual CO2 Emissions Including Biomass (metric tons): 0.0**

**Annual CO2 Emissions Including Biomass (short tons): 0.0**

**Annual CO2 Emissions from Biomass (metric tons): 0.0**

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted: 0**

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

**Operating Hours Stack Gas Moisture Substituted:**

**Electricity Fuel Details:**

**Fuel Type: Bituminous**



**Annual heat input:** 0 (mmBtu)  
**CH4 Emissions CO2 Equivalent:** 0.0 (Metric Tons)  
**N2O Emissions CO2 Equivalent:** 0.0 (Metric Tons)

**Unit Name:** 3  
**Unit Type:** Electricity Generator

**Unit Description:**

**Plant Code:** (numeric, maximum of 6 digits)  
**Part 75 Methodology:** CEMS  
**Methodology Start Date:** 2013-01-01  
**Methodology End Date:** 2013-12-31

**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass (metric tons):** 0.0  
**Annual CO2 Emissions Including Biomass (short tons):** 0.0  
**Annual CO2 Emissions from Biomass (metric tons):** 0.0

**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:** Bituminous  
**Annual heat input:** 0 (mmBtu)  
**CH4 Emissions CO2 Equivalent:** 0.0 (Metric Tons)  
**N2O Emissions CO2 Equivalent:** 0.0 (Metric Tons)

**Unit Name:** 4  
**Unit Type:** Electricity Generator

**Unit Description:**

**Plant Code:** (numeric, maximum of 6 digits)  
**Part 75 Methodology:** CEMS  
**Methodology Start Date:** 2013-01-01  
**Methodology End Date:** 2013-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass (metric tons):** 193361.2

**Annual CO2 Emissions Including Biomass (short tons):** 213142.0

**Annual CO2 Emissions from Biomass (metric tons):** 0.0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 26

**Operating Hours Stack Gas Flow Rate Substituted:** 8

**Operating Hours Stack Gas Moisture Substituted:**

**Electricity Fuel Details:**

**Fuel Type:** Bituminous

**Annual heat input:** 2077411 (mmBtu)

**CH4 Emissions CO2 Equivalent:** 571.3 (Metric Tons)

**N2O Emissions CO2 Equivalent:** 990.5 (Metric Tons)

**Unit Name:** MS51

**Unit Type:** Electricity Generator

**Unit Description:** Unit 5 emissions through stack 1

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

**Part 75 Methodology:** CEMS

**Methodology Start Date:** 2013-01-01

**Methodology End Date:** 2013-12-31

**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass (metric tons):** 390275.8

**Annual CO2 Emissions Including Biomass (short tons):** 430201.0

**Annual CO2 Emissions from Biomass (metric tons):** 0.0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 44

**Operating Hours Stack Gas Flow Rate Substituted:** 9

**Operating Hours Stack Gas Moisture Substituted:**

**Electricity Fuel Details:**

**Fuel Type:** Bituminous

**Annual heat input:** 4192991 (mmBtu)

**CH4 Emissions CO2 Equivalent:** 1153.1 (Metric Tons)  
**N2O Emissions CO2 Equivalent:** 1999.2 (Metric Tons)

**Unit Name:** MS52  
**Unit Type:** Electricity Generator  
**Unit Description:** Unit 5 emissions through stack 2.

**Plant Code:** (numeric, maximum of 6 digits)  
**Part 75 Methodology:** CEMS  
**Methodology Start Date:** 2013-01-01  
**Methodology End Date:** 2013-12-31  
**Acid Rain Program Indicator:** Y

**Emission Details:**

**Annual CO2 Emissions Including Biomass (metric tons):** 424988.7  
**Annual CO2 Emissions Including Biomass (short tons):** 468465.0  
**Annual CO2 Emissions from Biomass (metric tons):** 0.0

**CEMS Details:**

**Operating Hours CO2 Concentration Substituted:** 38  
**Operating Hours Stack Gas Flow Rate Substituted:** 17  
**Operating Hours Stack Gas Moisture Substituted:**

**Electricity Fuel Details:**

**Fuel Type:** Bituminous  
**Annual heat input:** 4565961 (mmBtu)  
**CH4 Emissions CO2 Equivalent:** 1255.6 (Metric Tons)  
**N2O Emissions CO2 Equivalent:** 2177.1 (Metric Tons)

**GHG Summary Report**

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**Facility Name:** Duke Energy Hanging Rock, II LLC  
**Facility Identifier:** 521139  
**Facility Reporting Year:** 2013