

FirstEnergy Generation, LLC's)	
Notice of Filing Greenhouse Gas Report)	Case No. 11-5986-EL-UNC
)	
FirstEnergy Generation, LLC's)	
Notice of Filing Greenhouse Gas Report)	Case No. 13-0916-EL-UNC
)	

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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: Ashtabula**Facility Identifier:** 520002**Facility Reporting Year:** 2010**Facility Location:**

Address: 2210 South Ridge Road West

City: Ashtabula

State: OH

Postal Code: 44004

Facility Site Details:**CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons):**
1037361**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:** 2010-01-01**GHG Report End Date:** 2010-12-31**Description of Changes to Calculation Methodology:****Description of Best Available Monitoring Methods Used:****BAMM use start date:****BAMM use end date:****Part 75 Biogenic Emissions Indication:****Primary NAICS Code:** 221112**Second Primary NAICS Code:****Parent Company Details:****Parent Company Name:** FirstEnergy Generation, LLC**Address:** 76 South Main Street, Akron, OH 44308**Percent Ownership Interest:** 100

Subpart C: General Stationary Fuel Combustion

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Carbon Dioxide		82.6 (Metric Tons)	
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0 (Metric Tons)	
Nitrous Oxide		0 (Metric Tons)	

Unit Details:

Unit Name : 1

Unit Type : OB (Boiler, other)

Unit Description : Aux Boiler 1

Individual Unit Details:

Maximum Rated Heat Input Capacity: 198 (mmBtu/hr)

Emission Details:

Annual Biogenic CO2 Emissions: 0 (metric tons)

Annual Fossil fuel based CO2 Emissions: 82.6 (metric tons)

Tier Fuel Details:

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

Tier Name : Tier 1 (Equation C-1)

Tier Methodology Start Date : 2010-01-01

Tier Methodology End Date : 2010-12-31

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
82.6 (Metric Tons)	0 (Metric Tons)	0 (Metric Tons)	0 (Metric Tons)	0 (Metric Tons)

Subpart D: Electricity Generation

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Carbon Dioxide		1031672.6 (Metric Tons)	
Methane		10.84 (Metric Tons)	
Nitrous Oxide		17.349 (Metric Tons)	

Unit Details:

Unit Name : 7

Unit Type : Electricity Generator

Unit Description : 7

Part 75 Methodology : CEMS

Methodology Start Date: 2010-01-01

Methodology End Date: 2010-12-31

Acid Rain Program Indicator: Y

Emission Details:

Annual CO2 Emissions Including Biomass (metric tons): 1031672.6

Annual CO2 Emissions Including Biomass (short tons): 1137212.7

Annual CO2 Emissions from Biomass (metric tons): 0

CEMS Details:

Operating Hours CO2 Concentration Substituted: 132

Operating Hours Stack Gas Flow Rate Substituted: 323

Operating Hours Stack Gas Moisture Substituted: 0

Electricity Fuel Details:

<p>Fuel type: Mixed (Electric Power sector)</p> <p>Annual heat input: 10842968 (mmBtu)</p> <p>Annual CH₄ emissions from combustion of the specified fuel: 10.84 (Metric Tons)</p> <p>Annual N₂O emissions from combustion of the specified fuel: 17.349 (Metric Tons)</p> <p>CH₄ Emissions CO₂ Equivalent: 227.6 (Metric Tons)</p> <p>N₂O Emissions CO₂ Equivalent: 5378.2 (Metric Tons)</p>
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Facility Name: Ashtabula

Facility Identifier: 520002

Facility Reporting Year: 2011

Facility Location:

Address: 2210 South Ridge Road West

City: Ashtabula

State: OH

Postal Code: 44004

Facility Site Details:

CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons):
1160212.9

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: 2011-01-01

GHG Report End Date: 2011-12-31

Description of Changes to Calculation Methodology:

Description of Best Available Monitoring Methods Used:

BAMM use start date:

BAMM use end date:

Part 75 Biogenic Emissions Indication:

Primary NAICS Code: 221112

Second Primary NAICS Code:

Parent Company Details:

Parent Company Name: FirstEnergy Generation, LLC

Address: 76 South Main Street, Akron, OH 44308

Percent Ownership Interest: 100

----- Subpart C: General Stationary Fuel Combustion -----

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Carbon Dioxide		152.9 (Metric Tons)	
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0 (Metric Tons)	
Nitrous Oxide		0 (Metric Tons)	

Unit Details:

Unit Name : 1

Unit Type : OB (Boiler, other)

Unit Description : Aux Boiler 1

Individual Unit Details:

Maximum Rated Heat Input Capacity: 198 (mmBtu/hr)

Emission Details:

Annual Biogenic CO2 Emissions: 0 (metric tons)

Annual Fossil fuel based CO2 Emissions: 152.9 (metric tons)

Tier Fuel Details:

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

Tier Name : Tier 1 (Equation C-1)

Tier Methodology Start Date : 2011-01-01

Tier Methodology End Date : 2011-12-31

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
152.9 (Metric Tons)	0 (Metric Tons)	0 (Metric Tons)	0.1 (Metric Tons)	0.1 (Metric Tons)

Subpart D: Electricity Generation

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Carbon Dioxide		1153790.6 (Metric Tons)	
Methane		12.13 (Metric Tons)	
Nitrous Oxide		19.402 (Metric Tons)	

Unit Details:

Unit Name : 7

Unit Type : Electricity Generator

Unit Description : 7

Part 75 Methodology : CEMS

Methodology Start Date: 2011-01-01

Methodology End Date: 2011-12-31

Acid Rain Program Indicator: Y

Emission Details:

Annual CO2 Emissions Including Biomass (metric tons): 1153790.6

Annual CO2 Emissions Including Biomass (short tons): 1271823.4

Annual CO2 Emissions from Biomass (metric tons): 0

CEMS Details:

Operating Hours CO2 Concentration Substituted: 52

Operating Hours Stack Gas Flow Rate Substituted: 10

Operating Hours Stack Gas Moisture Substituted: 0

Electricity Fuel Details:

<p>Fuel type: Mixed (Electric Power sector)</p> <p>Annual heat input: 12126459 (mmBtu)</p> <p>Annual CH₄ emissions from combustion of the specified fuel: 12.13 (Metric Tons)</p> <p>Annual N₂O emissions from combustion of the specified fuel: 19.402 (Metric Tons)</p> <p>CH₄ Emissions CO₂ Equivalent: 254.7 (Metric Tons)</p> <p>N₂O Emissions CO₂ Equivalent: 6014.6 (Metric Tons)</p>
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Facility Name: Ashtabula**Facility Identifier:** 520002**Facility Reporting Year:** 2012**Facility Location:**

Address: 2210 South Ridge Road West

City: Ashtabula

State: OH

Postal Code: 44004

Facility Site Details:**CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons):**
324002.4**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:** 2012-01-01**GHG Report End Date:** 2012-12-31**Description of Changes to Calculation Methodology:****Part 75 Biogenic Emissions Indication:****Primary NAICS Code:** 221112**Second Primary NAICS Code:****Parent Company Details:****Parent Company Name:** FirstEnergy Generation, LLC**Address:** 76 South Main Street, Akron, OH 44308**Percent Ownership Interest:** 100

Subpart C: General Stationary Fuel Combustion

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Carbon Dioxide		1282.2 (Metric Tons)	
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0.02 (Metric Tons)	
Nitrous Oxide		0.002 (Metric Tons)	

Unit Details:**Unit Name :** 1**Unit Type :** OB (Boiler, other)**Unit Description :** Aux Boiler 1**Individual Unit Details:****Maximum Rated Heat Input Capacity:** 198 (mmBtu/hr)

Emission Details:**Annual Biogenic CO2 Emissions:** 0 (metric tons)**Annual Fossil fuel based CO2 Emissions:** 1282.2 (metric tons)**Tier Fuel Details:****Fuel :** Natural Gas (Weighted U.S. Average)**Tier Name :** Tier 1 (Equation C-1)**Tier Methodology Start Date :** 2012-01-01**Tier Methodology End Date :** 2012-12-31**Fuel Emission Details :**

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
1282.2 (Metric Tons)	0.02 (Metric Tons)	0.002 (Metric Tons)	0.5 (Metric Tons)	0.8 (Metric Tons)

Subpart D: Electricity Generation

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Carbon Dioxide		320975 (Metric Tons)	
Methane		3.37 (Metric Tons)	
Nitrous Oxide		5.398 (Metric Tons)	

Unit Details:**Unit Name :** 7**Unit Type :** Electricity Generator**Unit Description :** 7**Part 75 Methodology :** CEMS**Methodology Start Date:** 2012-01-01**Methodology End Date:** 2012-12-31**Acid Rain Program Indicator:** Y**Emission Details:****Annual CO2 Emissions Including Biomass** (metric tons): 320975**Annual CO2 Emissions Including Biomass** (short tons): 353810.7**Annual CO2 Emissions from Biomass** (metric tons): 0**CEMS Details:****Operating Hours CO2 Concentration Substituted:** 52**Operating Hours Stack Gas Flow Rate Substituted:** 6**Operating Hours Stack Gas Moisture Substituted:** 0**Electricity Fuel Details:**

Fuel type: Mixed (Electric Power sector)
Annual heat input: 3373490 (mmBtu)
Annual CH4 emissions from combustion of the specified fuel: 3.37 (Metric Tons)

Annual N₂O emissions from combustion of the specified fuel: 5.398 (Metric Tons) CH₄ Emissions CO₂ Equivalent: 70.8 (Metric Tons) N₂O Emissions CO₂ Equivalent: 1673.4 (Metric Tons)
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in

Case No(s). 11-5986-EL-UNC, 13-0916-EL-UNC

Summary: Notice of Filing Amended Greenhouse Gas Reports electronically filed by Ms. Laura C. McBride on behalf of FirstEnergy Generation, LLC