Cayuga Operating Company, LLC
228 CAYUGA DR
LANSING, NY 14882

County Name: Tompkins

Latitude: 42.601774
Longitude: -76.634633

[Facility

GHGRP ID: 1006950
FRS ID: 110000328547
CAMD ID: 507

**You can navigate within the map with your m*

NAICS Code: 221112
NAICS Description: FOSSIL FUEL ELECTRIC POWER GENERATION.
Parent Company: Upstate New York Power Producers, Inc. (100%)

Total Facility Emissions in metric tons CO_2e (excluding Biogenic CO_2):	829931
Total Emissions by Gas in metric tons CO_2e	
Carbon Dioxide (CO_2)	823307
Methane (CH_4)	2422
Nitrous Oxide (N_2O)	4202

For reporting year 2013, Cayuga Operating Company, LLC has submitted the following Subparts. Click to view.

- Stationary Combustion
- Electricity Generation

Subpart C: General Stationary Fuel Combustion
Gas Information Details

Gas Name	Gas Quantity
Biogenic Carbon dioxide	0
Carbon Dioxide	237.3
Methane	.01
Nitrous Oxide	.002

Unit Details
Unit Name: **GP-001**

Unit Type	Other Unit Type	Plant Code
OCS (Other combustion source)		

Individual Unit Details (Maximum Rated Heat Input Capacity)

Max Rated Heat Input Capacity:		Max Rated Heat Input Capacity Other UOM:	

Small Unit Aggregation Details (Highest Rated Heat Input Capacity)

Small Unit Aggregation Highest Max Rated Heat Input Capacity:	20.9 mmBtu/hr

Common Pipe Details (Highest Rated Heat Input Capacity)

Common Pipe Highest Max Rated Heat Input Capacity:	

Common Stack Details

Common Stack Number of Units:		Common Stack Combined Max Rated Heat Input Capacity:	

CO_2 Emissions Details

CO_2 Emissions for All Biomass Fuels Combined (metric tons):	0.0	CO_2 Emissions for All Fossil Fuels Combined (metric tons):	237.3
Biogenic CO_2 Mass Emissions MSW (metric tons):		Sorbent CO_2 Emissions Quantity (metric tons):	0.0
Total Amount of Sorbent Used (short tons):			
Sorbent Molecular Weight (kg/kg-mole):		Sorbent Ratio:	

Part 75 Methodology Details

Annual CO_2 Emissions Measured by Part75 Method (metric tons):			
Part 75 Tier Methodology Start Date:		Part 75 Tier Methodology End Date:	
Part 75 Heat Input Method:		Part 75 CO_2 Method:	
Part 75 Operating Hours Fuel Flow Rate:		Part 75 Operating Hours HHV Substituted:	
Part 75 Operating Hours CO_2 Concentration Substituted:		Part 75 Operating Hours Stack Gas Flow Rate Substituted:	
Part 75 Operating Hours Stack Gas Moisture Content Substituted:			

Tier 4 Details

Total Source Operating Hours:		Operating Hours CO_2 Concentration Substituted:	
Operating Hours Stack Gas Flow Rate Substituted:		Operating Hours Stack Gas Moisture Substituted:	
Tier 4 CO_2Emissions Non-Biogenic (metric tons):		Tier 4 CO_2 Emissions Biogenic (metric tons):	
Annual CO_2 Emissions Measured by CEMS (metric tons):			

Tier 4 Methodology Start Date:	Tier 4 Methodology End Date:

Tier 4 Biogenic Portion Details

Annual Tier 4 All Fossil Fuels CO_2 Volume (scf):	
Annual Tier 4 All Biomass Fuels CO_2 Volume (scf):	
Annual Tier 4 Biogenic CO_2 Emissions (metric tons):	
Annual Tier 4 Total CO_2 Volume (scf):	

Tier Fuel Details

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

Other Fuel Name:	Blend Fuel Name:	Other or Blend Fuel Type:

Tier 2 Fuel Details

Tier 2 Method Equation:	
Tier 2 Methodology Start Date:	2013-01-01
Tier 2 Methodology End Date:	2013-12-31
Tier 2 Total CO_2 Combustion Emissions (metric tons):	237.3
Tier 2 Total CH_4 Combustion Emissions (metric tons):	0.01
Tier 2 Total N_2O Combustion Emissions (metric tons):	0.002
Tier 2 CH_4 Emissions CO_2 Equivalent (metric tons CO_2e):	0.2
Tier 2 N_2O Emissions CO_2 Equivalent (metric tons CO_2e):	0.6

Additional Tier 2 Fuel Information:

Frequency Of High Heat Value Determination:	Monthly	Other Frequency Of High Heat Value Determination:	

Tier 2 Monthly High Heat Value Details

Tier 2 Method Equation:	Tier 2 (Equation C-2a)
Month Name	High Heat Value Is Substituted Indicator
January	N
February	N
March	N
April	N
May	N
June	N
July	N
August	N

September	N
October	N
November	N
December	N

Subpart D: Electricity Generation

Gas Information Details

Gas Name	Gas Quantity
Biogenic Carbon dioxide	0
Carbon Dioxide	823069.5
Methane	96.87
Nitrous Oxide	14.099

Unit Details

Unit Name: CSM001

Unit Type	Plant Code	Part 75 Methodology	Part 75 Methodology Start Date	Part 75 Methodology End Date	Acid Rain Program Indicator
Electricity Generator		CEMS	2013-01-01	2013-12-31	Y

Annual CO_2 Emissions Details

CO_2 Emissions Part75 Quantity (Short Tons):	462384.8
CO_2 Emissions Part75 Quantity (Metric Tons):	419472.7
Annual CO_2 Emissions All Biomass And Partially Biogenic Fuels (Metric Tons):	0

Continuous Emission Monitoring System Details

Substituted CO_2 Operating Hours:	30	Substituted Stack Gas Flow Operating Hours:	29
Substituted Moisture Correction Operating Hours:			

Appendix G Equation G4 Details

Fuel Flow Rate Operating Hours:		High Heating Value Operating Hours:	
Carbon Content Operating Hours:			

Electricity Fuel Details

Fuel Type:	Bituminous
Other or Blend Fuel Type:	
Other Fuel Name:	
Blend Fuel Name:	

CH_4 Emissions CO_2 Equivalent:	1231.4
N_2O Emissions CO_2 Equivalent:	2135
Total Annual Heat Input:	4477826.1

Electricity Fuel Details

Fuel Type:	Distillate Fuel Oil No. 2
Other or Blend Fuel Type:	
Other Fuel Name:	
Blend Fuel Name:	
CH_4 Emissions CO_2 Equivalent:	2.2
N_2O Emissions CO_2 Equivalent:	5.2
Total Annual Heat Input:	28860.9

Unit Name: CSM002

Unit Type	Plant Code	Part 75 Methodology	Part 75 Methodology Start Date	Part 75 Methodology End Date	Acid Rain Program Indicator
Electricity Generator		CEMS	2013-01-01	2013-12-31	Y

Annual CO_2 Emissions Details

CO_2 Emissions Part75 Quantity (Short Tons):	444884.8
CO_2 Emissions Part75 Quantity (Metric Tons):	403596.8
Annual CO_2 Emissions All Biomass And Partially Biogenic Fuels (Metric Tons):	0

Continuous Emission Monitoring System Details

Substituted CO_2 Operating Hours:	3	Substituted Stack Gas Flow Operating Hours:	0
Substituted Moisture Correction Operating Hours:			

Appendix G Equation G4 Details

Fuel Flow Rate Operating Hours:	High Heating Value Operating Hours:
Carbon Content Operating Hours:	

Electricity Fuel Details

Fuel Type:	Bituminous
Other or Blend Fuel Type:	
Other Fuel Name:	
Blend Fuel Name:	
CH_4 Emissions CO_2 Equivalent:	1186.6
N_2O Emissions CO_2 Equivalent:	2057.4
Total Annual Heat Input:	4314987

Electricity Fuel Details

Fuel Type:	Distillate Fuel Oil No. 2
Other or Blend Fuel Type:	
Other Fuel Name:	
Blend Fuel Name:	
CH_4 Emissions CO_2 Equivalent:	1.6
N_2O Emissions CO_2 Equivalent:	3.8
Total Annual Heat Input:	21133

Unit Name: CSM003

Unit Type	Plant Code	Part 75 Methodology	Part 75 Methodology Start Date	Part 75 Methodology End Date	Acid Rain Program Indicator
Electricity Generator		CEMS	2013-01-01	2013-12-31	Y

Annual CO_2 Emissions Details

CO_2 Emissions Part75 Quantity (Short Tons):	0
CO_2 Emissions Part75 Quantity (Metric Tons):	0
Annual CO_2 Emissions All Biomass And Partially Biogenic Fuels (Metric Tons):	0

Continuous Emission Monitoring System Details

Substituted CO_2 Operating Hours:	0	Substituted Stack Gas Flow Operating Hours:	0
Substituted Moisture Correction Operating Hours:			

Appendix G Equation G4 Details

Fuel Flow Rate Operating Hours:	High Heating Value Operating Hours:
Carbon Content Operating Hours:	

Electricity Fuel Details

Fuel Type:	Bituminous
Other or Blend Fuel Type:	
Other Fuel Name:	
Blend Fuel Name:	
CH_4 Emissions CO_2 Equivalent:	0
N_2O Emissions CO_2 Equivalent:	0
Total Annual Heat Input:	0

Electricity Fuel Details

Fuel Type:	Distillate Fuel Oil No. 2
Other or Blend Fuel Type:	

Other Fuel Name:	
Blend Fuel Name:	
CH_4 Emissions CO_2 Equivalent:	0
N_2O Emissions CO_2 Equivalent:	0
Total Annual Heat Input:	0