



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-3132-00052/00020
Mod 0 Effective Date: 01/11/2010 Expiration Date: 01/10/2015
Mod 2 Effective Date: 05/24/2012 Expiration Date: 05/23/2017

Permit Issued To: SYRACUSE ENERGY CORPORATION
56 INDUSTRIAL DR
SYRACUSE, NY 13204-1091

Contact: STUART PIERMARINI
SYRACUSE ENERGY CORPORATION
56 INDUSTRIAL DRIVE
SYRACUSE, NY 13204
(315) 487-4473

Facility: SYRACUSE ENERGY CORPORATION
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Description:
Title V permit modification to incorporate the requirements of Part 249, Best Available Retrofit Technology (BART) for the Syracuse Energy Corporation facility. Boiler Unit 1 is subject to these requirements, and the facility has elected to shut down Unit 1 no later than January 1, 2014 in order to comply with this rule.

New York State Department of Environmental Conservation
Facility DEC ID: 7313200052



By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator:

ELIZABETH A TRACY

615 ERIE BLVD WEST
SYRACUSE, NY 13204-2400

Authorized Signature:

Elizabeth Tracy Date: 5/25/12



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- ~~1-6 NYCRR 200.6: Acceptable Ambient Air Quality~~
- ~~2-1-6 NYCRR 201-6.5 (a) (7): Fees~~
- ~~2-6 NYCRR 201-6.5 (a) (7): Fees~~
- ~~3-6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring~~
- ~~4-6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.~~
- ~~5-6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification~~
- ~~6-6 NYCRR 201-6.5 (c): Compliance Certification~~
- ~~7-6 NYCRR 202-2.1: Compliance Certification~~
- ~~8-6 NYCRR 202-2.5: Recordkeeping requirements~~
- ~~9-6 NYCRR Part 215: Open Fires Prohibited at Industrial and Commercial Sites~~
- ~~2-2-6 NYCRR 215.2: Open Fires Prohibitions~~
- ~~10-6 NYCRR 200.7: Maintenance of Equipment~~
- ~~11-6 NYCRR 201-1.7: Recycling and Salvage~~
- ~~12-6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air~~
- ~~13-6 NYCRR 201-3.2 (a): Exempt Sources Proof of Eligibility~~
- ~~14-6 NYCRR 201-3.3 (a): Trivial Sources Proof of Eligibility~~
- ~~15-6 NYCRR 201-6.5 (a) (4): Standard Requirement Provide Information~~
- ~~16-6 NYCRR 201-6.5 (a) (8): General Condition Right to Inspect~~
- ~~17-6 NYCRR 201-6.5 (d) (5): Standard Requirements Progress Reports~~
- ~~18-6 NYCRR 201-6.5 (f) (6): Off Permit Changes~~
- ~~2-3-6 NYCRR 202-1.1: Required Emissions Tests~~
- ~~19-6 NYCRR 202-1.1: Required Emissions Tests~~
- ~~20-6 NYCRR 211.3: Visible Emissions Limited~~
- ~~21-40 CFR Part 68: Accidental release provisions.~~
- ~~22-40 CFR 82, Subpart F: Recycling and Emissions Reduction~~
- ~~23-6 NYCRR 201-1.8: Compliance Certification~~
- ~~24-6 NYCRR Subpart 201-6: Emission Unit Definition~~
- ~~25-6 NYCRR 201-6.5 (f) (1): Compliance Certification~~
- ~~26-6 NYCRR 201-6.5 (g): Non Applicable requirements~~
- ~~2-4-6 NYCRR 211.1: Air pollution prohibited~~
- ~~27-6 NYCRR 212.6 (a): Compliance Certification~~
- ~~28-6 NYCRR 225-1.7 (e): Compliance Certification~~
- ~~29-6 NYCRR Subpart 243-1: Compliance Certification~~
- ~~30-6 NYCRR Subpart 243-2: Compliance Certification~~
- ~~31-6 NYCRR Subpart 243-8: Compliance Certification~~
- ~~32-6 NYCRR Subpart 244-1: CAIR General and Permit Requirements~~
- ~~33-6 NYCRR Subpart 244-2: Designated CAIR Representative~~
- ~~34-6 NYCRR Subpart 244-8: Compliance Certification~~
- ~~35-6 NYCRR Subpart 245-1: CAIR SO2 Trading Program General Provisions~~
- ~~36-6 NYCRR Subpart 245-2: Designated CAIR Representative~~
- ~~37-6 NYCRR Subpart 245-8: Compliance Certification~~
- ~~2-5-6 NYCRR 249.1 (c) (2): Exemption from Part 249~~

New York State Department of Environmental Conservation

Permit ID: 7-3132-00052/00020

Facility DEC ID: 7313200052



Emission Unit Level

- ~~38 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit~~
- ~~39 6 NYCRR Subpart 201-6: Process Definition By Emission Unit~~

EU=U-00BLR

- ~~40 6 NYCRR 225-1.5 (b): Compliance Certification~~
- ~~41 6 NYCRR 227-1.2 (a) (3): Compliance Certification~~
- ~~42 6 NYCRR 227-2.6 (a) (1): Testing, monitoring, and reporting requirements for very large boilers.~~
- ~~43 6 NYCRR 231-2.6 (a) (7): Compliance Certification~~
- ~~2-6 6 NYCRR 249.1 (c) (2): Compliance Certification~~
- ~~44 6 NYCRR Subpart 257-1: Compliance Certification~~
- ~~45 40CFR 60.14, NSPS Subpart A: Compliance Certification~~
- ~~46 40 CFR Part 64: Compliance Certification~~

EU=U-00BLR,EP=00001

- ~~47 6 NYCRR 227-1.3: Compliance Certification~~
- ~~48 6 NYCRR 227-2.4 (a): Compliance Certification~~

EU=U-00BLR,EP=00001,Proc=COA,ES=0BAGH

- ~~49 6 NYCRR 200.7: Compliance Certification~~

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- ~~50 ECL 19-0301: Contaminant List~~
- ~~51 6 NYCRR 201-1.4: Unavoidable noncompliance and violations~~
- ~~52 6 NYCRR 211.2: Air pollution prohibited~~
- ~~2-7 6 NYCRR 211.2: Visible Emissions Limited~~
- ~~53 6 NYCRR Subpart 242-1: Compliance Demonstration~~
- ~~54 6 NYCRR Subpart 242-4: Compliance Demonstration~~
- ~~55 6 NYCRR Subpart 242-8: Compliance Demonstration~~
- ~~56 6 NYCRR Part 246: Compliance Demonstration~~

Emission Unit Level

EU=U-00BLR

- ~~57 6 NYCRR 617.11 (d): Compliance Demonstration~~
- ~~58 6 NYCRR 617.11 (d): Compliance Demonstration~~
- ~~59 6 NYCRR 617.11 (d): Compliance Demonstration~~

New York State Department of Environmental Conservation

Permit ID: 7-3132-00052/00020

Facility DEC ID: 7313200052



~~or after July 1, 2008, the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under section 245-8.1(b), unless that quarter is the third or fourth quarter of 2008, in which case reporting shall commence in the quarter covering January 1, 2009 through March 31, 2009.~~

~~10) The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.64. [245-8.5(d)(2)]~~

~~11) For CAIR SO₂ units that are also subject to an Acid Rain emissions limitation or the CAIR NO_x Annual Trading Program, CAIR NO_x Ozone Season Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam-Generating Units (6 NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the SO₂ mass emission data, heat input data, and other information required by this Subpart. [245-8.5(d)(3)]~~

~~12) The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that: [245-8.5(e)]~~

~~i) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR Part 75, including the quality assurance procedures and specifications; and~~

~~ii) for a unit with add-on SO₂ emission controls and for all hours where SO₂ data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate SO₂ emissions.~~

~~Monitoring Frequency: CONTINUOUS~~

~~Averaging Method: ANNUAL TOTAL~~

~~Reporting Requirements: QUARTERLY (CALENDAR)~~

~~Reports due 30 days after the reporting period.~~

~~The initial report is due 4/30/2010.~~

~~Subsequent reports are due every 3 calendar month(s).~~

Condition 2-5: Exemption from Part 249

New York State Department of Environmental Conservation

Permit ID: 7-3132-00052/00020

Facility DEC ID: 7313200052



Effective between the dates of 05/24/2012 and 05/23/2017

Applicable Federal Requirement: 6 NYCRR 249.1 (c) (2)

Item 2-5.1:

A source that permanently shuts down by January 1, 2014 is exempt from the requirements of Part 249.

~~*** Emission Unit Level ***~~

~~Condition 38: Emission Point Definition By Emission Unit~~

~~Effective between the dates of 01/11/2010 and 05/23/2017~~

~~Applicable Federal Requirement: 6 NYCRR Subpart 201-6~~

~~Item 38.1(From Mod 0):~~

~~The following emission points are included in this permit for the cited Emission Unit:~~

~~Emission Unit: U-00ASH~~

~~Emission Point: 0005A~~

~~Height (ft.): 35~~

~~Diameter (in.): 6~~

~~NYTMN (km.): 4768.739~~

~~NYTME (km.): 401.624~~

~~Building: ASILO~~

~~Emission Point: 0005B~~

~~Height (ft.): 35~~

~~Diameter (in.): 6~~

~~NYTMN (km.): 4768.739~~

~~NYTME (km.): 401.618~~

~~Building: ASILO~~

~~Item 38.2(From Mod 0):~~

~~The following emission points are included in this permit for the cited Emission Unit:~~

~~Emission Unit: U-00BLR~~

~~Emission Point: 00001~~

~~Height (ft.): 265~~

~~Diameter (in.): 156~~

~~NYTMN (km.): 4768.781~~

~~NYTME (km.): 401.618~~

~~Building: BAG HS~~

~~Item 38.3(From Mod 0):~~

~~The following emission points are included in this permit for the cited Emission Unit:~~

~~Emission Unit: U-00COAL~~

~~Emission Point: 0006A~~

~~Height (ft.): 55~~

~~Diameter (in.): 6~~

~~NYTMN (km.): 4768.727~~

~~NYTME (km.): 401.666~~

~~Building: BLR HS~~

~~Emission Point: 0006B~~

~~Height (ft.): 55~~

~~Diameter (in.): 6~~

~~NYTMN (km.): 4768.727~~

~~NYTME (km.): 401.669~~

~~Building: BLR HS~~

New York State Department of Environmental Conservation

Permit ID: 7-3132-00052/00020

Facility DEC ID: 7313200052



~~system (CEMS) as described in 6 NYCRR 227.2.6(b).~~

Condition 43: ~~Compliance Certification~~

~~Effective between the dates of 01/11/2010 and 05/23/2017~~

~~Applicable Federal Requirement: 6 NYCRR 231.2.6 (a) (7)~~

Item 43.1:

~~The Compliance Certification activity will be performed for:~~

~~Emission Unit: U-00BLR~~

~~Regulated Contaminant(s):~~

~~CAS No: 0NY210-00-0 OXIDES OF NITROGEN~~

Item 43.2:

~~Compliance Certification shall include the following monitoring:~~

~~Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)~~

~~Monitoring Description:~~

~~Total NOx emissions from this emission unit shall not exceed 1552 tons/year as calculated on a monthly rolling basis. This limit was established pursuant to the creation of Emission Reduction Credits by the source owner.~~

~~Manufacturer Name/Model Number: CSI Model 1600~~

~~Upper Permit Limit: 1552 tons per year~~

~~Reference Test Method: NOX CEMS~~

~~Monitoring Frequency: CONTINUOUS~~

~~Averaging Method: ANNUAL MINIMUM ROLLED MONTHLY~~

~~Reporting Requirements: ANNUALLY (CALENDAR)~~

~~Reports due 30 days after the reporting period.~~

~~The initial report is due 1/30/2011.~~

~~Subsequent reports are due every 12 calendar month(s).~~

Condition 2-6: ~~Compliance Certification~~

~~Effective between the dates of 05/24/2012 and 05/23/2017~~

~~Applicable Federal Requirement: 6 NYCRR 249.1 (c) (2)~~

Item 2-6.1:

~~The Compliance Certification activity will be performed for:~~

~~Emission Unit: U-00BLR~~

Item 2-6.2:

~~Compliance Certification shall include the following monitoring:~~

~~Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES~~

~~Monitoring Description:~~

~~Coal fired boiler Unit 1 is subject to the requirements~~

New York State Department of Environmental Conservation

Permit ID: 7-3132-00052/00020

Facility DEC ID: 7313200052



of Part 249, Best Available Retrofit Technology (BART).
This unit will be permanently shut down by January 1,
2014. Facility shall notify the Department in writing
within 30 days of the actual date of shutdown of unit 1,
which must occur prior to January 1, 2014.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

Subsequent reports are due every 12 calendar month(s).

Condition 44: ~~Compliance Certification~~
~~Effective between the dates of 01/11/2010 and 05/23/2017~~

~~Applicable Federal Requirement: 6 NYCRR Subpart 257-1~~

Item 44.1:

~~The Compliance Certification activity will be performed for:~~

~~Emission Unit: U-00BLR~~

Item 44.2:

~~Compliance Certification shall include the following monitoring:~~

~~Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES~~

~~Monitoring Description:~~

~~The facility shall not operate more than one pulverizer
per boiler upon startup, nor more than two pulverizers
total on startup when the spray dry absorber is not
operating.~~

~~The facility shall submit to the DEC on an annual calendar
year basis whether it has complied with this requirement.
Additionally, if the owner or operator has violated this
condition, the owner or operator shall submit a report to
the DEC within 30 days of such occurrence.~~

~~Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION~~

~~Reporting Requirements: ANNUALLY (CALENDAR)~~

~~Reports due 30 days after the reporting period.~~

~~The initial report is due 1/30/2011.~~

~~Subsequent reports are due every 12 calendar month(s).~~

Condition 45: ~~Compliance Certification~~
~~Effective between the dates of 01/11/2010 and 05/23/2017~~

~~Applicable Federal Requirement: 40 CFR 60.14, NSPS Subpart A~~

Item 45.1: