CALPINE®

P.O. BOX 551
PITTSBURG, CA 94565-0055
925.756.0789
925.252.2073 (FAX)

April 11, 2016

Compliance and Enforcement
Bay Area Air Quality Management District
939 Ellis Street
San Francisco, CA 94109

Re: Delta Energy Center Plant ID# B2095
Title V Annual Compliance Certification Report
Certification Period from April 1, 2015 through March 31, 2016

Attention: Title V Reports

Enclosed is the Annual Compliance Certification Report for the Delta Energy Center for the period from April 1, 2015 through March 31, 2016.

For the purposes of consistency, conditions that are clearly indicated as not applicable in the Applicable Limits and Compliance Monitoring Requirements (Tables VIIA-D) have been removed from the respective Source-specific Applicable Requirements tables.

Additionally, as required by Standard Condition K, Accidental Release, in the Major Facility Review Permit for the Delta Energy Center (DEC), this will also certify that DEC was in compliance with 40 CFR Part 68, Chemical Accident Prevention Provisions (Risk Management Plan), for the period from April 1, 2015 through March 31, 2016.

If you have any questions, please contact Dale Donmoyer, General Manager (925) 252-2096 or Maria Barroso, EHS Specialist at (925) 529-8286.

As the Responsible Official, I certify that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

Sincerely,

Dale Donmoyer
Authorized Signatory and General Manager

cc: Deborah Jordan, Director of the Air Division, US EPA Region IX (w/enc.)
Mr. Joseph Douglas, California Energy Commission

Attachments

Compliance Certification Report

11-Apr-16 | Site#: B2095 | Period: 4/1/15 to 3/31/16

Site#: B2095 **Site name:** Delta Energy Center
Address: 1200 Arcy Lane **City:** Pittsburg **State:** CA **Zip:** 94565
Source#: S-1, S-2, S-3, S-4, S-5, S-6 **Source name:** CTG #1, 2, & 3 HRSG #1, 2, & 3

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
BAAQMD Regulation 1	**General Provisions and Definitions (7/9/08)**			
1-107	Combination of Emissions	Y	C	
1-520	Continuous Emission Monitoring	Y	C	
1-520.1	Monitoring of NO_x, CO_2, or O_2	Y	C	
1-520.8	Monitors required per Reg. 2-1-403	Y	C	
1-522	Cont. Emission Monitoring and Recordkeeping Procedures	Y	C	
1-522.1	Approval of plans and specifications	Y	C	
1-522.2	Scheduling requirements	Y	C	
1-522.3	CEM performance testing	Y	C	
1-522.4	Reporting of inoperative CEMs	Y	C	Reported in monthly reports.
1-522.5	CEM calibration requirements	Y	C	
1-522.6	CEM accuracy requirements	Y	C	
1-522.7	Emission limit exceedance reporting requirements	Y	C	
1-522.8	Monitoring data submittal requirements	Y	C	
1-522.9	Recordkeeping requirements	Y	C	
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	C	
1-523.1	Parametric monitor periods of inoperation	Y	C	
1-523.2	Limits on periods of inoperation	Y	C	
1-523.3	Reports of Violations	Y	C	
1-523.4	Records	Y	C	
1-523.5	Maintenance and calibration	Y	C	
1-602	Area and Continuous Emissions Monitoring Requirements	Y	C	
SIP Regulation 1	**General Provisions and Definitions (6/28/99)**			
1-522	Cont. Emission Monitoring and Recordkeeping Procedures	Y	C	
1-522.7	Monitor excesses	Y	C	
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	C	
1-523.3	Reports of Violations	Y	C	
BAAQMD Regulation 2, Rule 1	**Regulation 2, Rule 1 - Permits, General Requirements (7/19/06)**			
2-1-501	Monitors	Y	C	
BAAQMD Regulation 6, Rule 1	**Particulate Matter and Visible Emissions (12/5/07)**			
6-1-305	Visible Particles	Y	C	
6-1-401	Appearance of Emissions	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**			
6-305	Visible Particles	Y	C	
6-401	Appearance of Emissions	Y	C	
BAAQMD Regulation 9, Rule 3	**Inorganic Gaseous Pollutants - Nitrogen Oxides from Heat Transfer Operations (3/17/82)**			
9-3-303	Nitrogen oxide emission limitation	Y	C	
BAAQMD Regulation 9, Rule 9	**Inorganic Gaseous Pollutants - Nitrogen Oxides from Stationary Gas Turbines (12/6/06)**			
9-9-113	Exemption - Inspection/Maintenance	Y	C	
9-9-114	Exemption - Start-Up/Shutdown	Y	C	
9-9-301	Emission Limits, General	Y	C	
9-9-301.1.3	Emission Limits Turbines ≥ 10 MW with SCR	Y	C	
9-9-301.2	Emission Limits, General	Y	C	
9-9-401	Certification, Efficiency	Y	C	
9-9-501	Monitoring and Recordkeeping Requirements	Y	C	
SIP Regulation 9, Rule 9	**Inorganic Gaseous Pollutants - Nitrogen Oxides from Stationary Gas Turbines (12/15/97)**			
9-9-113	Exemption - Inspection/Maintenance	Y	C	
9-9-114	Exemption - Start-Up/Shutdown	Y	C	
9-9-301	Emission Limits, General	Y	C	
9-9-301.3	Emission Limits Turbines > 10 MW with SCR, NOx less than 9 ppmv (dry, 15% O_2)	Y	C	
9-9-501	Monitoring and Recordkeeping Requirements	Y	C	
BAAQMD Regulation 10, Subpart GG	**NSPS Incorporation by Reference, Staitionary Gas Turbines (2/16/2000)**			
10-40	Subpart GG - Standards of Performance For Staitionary Gas Turbines	Y	C	
BAAQMD Manual of Procedures, Volume V	**Continuous Emission Monitoring Policy and Procedures (1/20/82)**	Y	C	
40 CFR 60, Subpart A	**Standards of Performance for New Stationary Sources - General Provisions (1/28/09)**	Y	C	
40 CFR 60.7	Notification and Recordkeeping	Y	C	
40 CFR 60.8	Performance Tests	Y	C	
40 CFR 60.9	Availability of Information	Y	C	
40 CFR 60.11	Compliance with standards and maintenance requirements	Y	C	
40 CFR 60.11(a)	Compliance with standards in this part	Y	C	
40 CFR 60.11(d)	Minimizing emissions	Y	C	
40 CFR 60.12	Circumvention	Y	C	
40 CFR 60.13	Monitoring Requirements	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
40 CFR 60.19	General notification and reporting requirements	Y	C	
Subpart Db	Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units (1/28/09)	Y	C	
40 CFR 60.44b(a)(4)	NOx emission limit	Y	C	
40 CFR 60.44b(h)	NOx limit applicable at all times	Y	C	
40 CFR 60.44b(i)	Compliance: 24-hr averaging period (per BAAQMD Regulation 10, part 4)	Y	C	
40 CFR 60.46b(a)	NOx limits apply at all times	Y	C	
40 CFR 60.46b(c)	Compliance with NOx emission limit	Y	C	
40 CFR 60.46b(e)	Performance test for NOx	Y	C	
40 CFR 60.46b(f)	Procedures for determining compliance with NOx emission limit	Y	C	
40 CFR 60.48b(b)	CEMs for NOx Standard, except as provided in (g), (h), and (i) of this section	Y	C	
40 CFR 60.48b(h)	CEMs not required for duct burner subject to 60.44(a)(4)	Y	C	
40 CFR 60.49b(a)	Notification of Initial Startup	Y	C	
40 CFR 60.49b(b)	Submittal of Performance Test Reports and CEM performance evaluation	Y	C	
40 CFR 60.49b(d)	Fuel records	Y	C	
40 CFR 60.49b(g)	Records for each day of operation	Y	C	
40 CFR 60.49b(h)(2)	Excess emission reports	Y	C	No excess emissions events this period.
40 CFR 60.49b(o)	Records retention for two years	Y	C	
Subpart GG	**Standards of Performance for Stationary Gas Turbines (2/24/06)**			
40 CFR 60.332(a)(1)	NOx limit	Y	C	
40 CFR 60.333	Standard for sulfur dioxide	Y	C	
40 CFR 60.333(a)	SO_2 Concentration < 0.015 percent @ 15% O_2	Y	C	
40 CFR 60.333(b)	Fuel Sulfur Content cannot exceed 0.8 percent by weight (Turbine Only)	Y	C	
40 CFR 60.334	Monitoring of operations	Y	C	
40 CFR 60.334(c)	NOx CEMs	Y	C	
40 CFR 60.334(h)(3)	Exemption from sulfur fuel monitoring requirements (Natural Gas)	Y	C	
40 CFR 60.334(j)(1)(iii)	NOx Excess Emissions and Monitor Downtime reporting requirements	Y	C	
40 CFR 60.335	Test Methods and Procedures	Y	C	
40 CFR 72	**Title IV - Acid Rain Program**	Y	C	
	Subpart A - Acid Rain Program Requirements			
40 CFR 72.6	Applicability	Y	C	
40 CFR 72.6(a)(3)	New utility unit (at the time of commencement of commercial operation)	Y	C	
40 CFR 72.9	Standard Requirements	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
40 CFR 72.9(a)	Permit Requirements	Y	C	
40 CFR 72.9(a)(1)(i)	Submittal of a complete acid rain permit application	Y	C	Title IV renewal submitted Jan 11, 2016.
40 CFR 72.9(a)(1)(iii)	Submittal of information in a timely manner	Y	C	
40 CFR 72.9(a)(2)(i)	Operation in compliance with Acid Rain permit	Y	C	
40 CFR 72.9(a)(2)(ii)	Have an Acid Rain permit	Y	C	
40 CFR 72.9(b)	Monitoring Requirements	Y	C	
40 CFR 72.9(c)	Sulfur Dioxide Requirements	Y	C	
40 CFR 72.9(c)(1)	Requirement to hold allowances as of allowance transfer deadline	Y	C	
40 CFR 72.9(c)(2)	Each ton of excess SO_2 emissions is a separate violation of the CAA	Y	C	
40 CFR 72.9(c)(3)	Initial deadline to hold allowances	Y	C	
40 CFR 72.9(c)(3)(iv)	Deadline at time of monitor certification	Y	C	
40 CFR 72.9(c)(4)	Use of Allownace Tracking System	Y	C	
40 CFR 72.9(c)(5)	Allowances may not be deducted prior to year for which allowance was allocated	Y	C	
40 CFR 72.9(c)(6)	Limited authorization	Y	C	
40 CFR 72.9(d)	Nitrogen Oxide Requirements	Y	C	
40 CFR 72.9(e)	Excess emissions requirements	Y	C	
40 CFR 72.9(f)	Recordkeeping and Reporting Requirements	Y	C	
40 CFR 72.9(g)	Liability	Y	C	
40 CFR 72.9(h)	Effect on Other Authoriites	Y	C	
	Subpart C - Acid Rain Permit Applications			
40 CFR 72.30(a)	Requirements to apply	Y	C	
40 CFR 72.30(c)	Duty to reapply. Requirement to submit complete acid rain application 6 months prior to expiration of current acid rain permit	Y	C	
40 CFR 72.31	Information requirements for Acid Rain permit application	Y	C	
40 CFR 72.31(a)	Identification of affected source	Y	C	
40 CFR 72.31(b)	Identification of each affected emissions unit	Y	C	
40 CFR 72.31(c)	Complete compliance plan	Y	C	
40 CFR 72.31(d)	Standard requirements under 40 CFR 72.9	Y	C	
40 CFR 72.31(e)	If the Acid Rain permit application is for Phase II and the unit is a new unit, the date that the unit has commenced or will commence operation and the deadline for monitor certification	Y	C	
40 CFR 72.32	Permit application shield and binding effect of permit application	Y	C	
	Subpart E - Acid Rain Permit Contents			
40 CFR 72.50	General	Y	C	
40 CFR 72.50(a)	Acid Rain Permits	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
40 CFR 72.50(a)(1)	Permit must contain all elements of complete Acid Rain Application under 40 CFR 72.31	Y	C	
40 CFR 72.50(b)	Permits include terms in 40 CFR 72.2	Y	C	
40 CFR 72.51	Permit Shield	Y	C	
40 CFR 75	**Code of Federal Regulations, Continuous Emission Monitoring**	Y	C	
	Subpart A - General	Y	C	
40 CFR 75.2	Applicability	Y	C	
40 CFR 75.2(a)	Applicability to affected units subject to Acid Rain emission limitations	Y	C	
40 CFR 75.2(c)	The provions for this part apply to sources subject to a State or federal NOx mass emission reduction program, to the extent these provisions are adopted as requirements under such a program	Y	C	
40 CFR 75.4	Compliance Dates	Y	C	
40 CFR 75.4(b)	New affected unit (at the time of the commencement of commercial operation) shall ensure that all monitoring systems required under this part for monitoring SO_2, NOx, CO_2, opacity, and volumetric flow are installed and all certification tests are completed on or before the later of the following dates	Y	C	
40 CFR 75.4(b)(2)	The earlier of 90 unit operating days or 180 calendar days after the date the unit commences commercial operation, notice of which date shall be provided under subpart G of this part	Y	C	
40 CFR 75.5	Prohibitions	Y	C	
	Subpart B - Monitoring Provisions	Y	C	
40 CFR 75.10	General Operating Requirements	Y	C	
40 CFR 75.10(a)	Primary Measurement Requirement	Y	C	
40 CFR 75.10(a)(1)	SO_2 Emissions, except as provided in 75.11 and 75.16 and subpart E of this part	Y	C	
40 CFR 75.10(a)(2)	NOx Emissions, except as provided in 75.12 and 75.17 and subpart E of this part	Y	C	
40 CFR 75.10(a)(3)	CO_2 Emissions	Y	C	
40 CFR 75.10(a)(3)(ii)	CO_2 Emissions estimated using Carbon Content of fuel and procedures in Appendix G	Y	C	
40 CFR 75.10(b)	Primary Equipment Performance Requirements	Y	C	
40 CFR 75.10(c)	Heat Input Rate Measurement Requirement	Y	C	
40 CFR 75.10(d)	Primary equipment hourly operating requirements	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
40 CFR 75.10(d)(1)	Cycles of operation for each 15 minute period. Hourly average calculated from a minimum of four 15 minute periods.	Y	C	
40 CFR 75.10(d)(3)	Validity of data and data substitution	Y	C	
40 CFR 75.10(f)	Minimum measurement capability requirement	Y	C	
40 CFR 75.10(g)	Minimum recording and recordkeeping requirements	Y	C	
40 CFR 75.11	Specific provisions for monitoring SO_2 emissions	Y	C	
40 CFR 75.11(d)	Gas-fired and oil-fired units	Y	C	
40 CFR 75.11(d)(2)	Allows the use of Appendix D Optional SO_2 Emissions Data Protocol for Gas-Fired and Oil-Fired Units to monitor SO2 emissions	Y	C	
40 CFR 75.12	Specific provisions for monitoring NOx emission rates	Y	C	
40 CFR 75.12(a)	NOx continuous emission monitor and diluent monitoring requirement	Y	C	
40 CFR 75.12(c)	NOx mass emission rate determination according to Appendix F	Y	C	
40 CFR 75.13	Specific provisions for monitoring CO_2 emissions	Y	C	
40 CFR 75.13(b)	Determination of CO_2 emissions using Appendix G	Y	C	
40 CFR 75.14	Specific provisions for monitoring opacity	Y	C	
40 CFR 75.14(c)	Gas-Fired Units Exempt from Opacity Monitoring	Y	C	
	Subpart C - Operations and Maintenance Requirements	Y	C	
40 CFR 75.20	Initial certification and recertification procedures	Y	C	
40 CFR 75.20(a)	Initial certification and approval process	Y	C	
40 CFR 75.20(b)	Recertification approval process	Y	C	
40 CFR 75.20(c)	Initial certification and recertification procedures	Y	C	
40 CFR 75.20(g)	Initial certification and recertification procedures for excepted monitoring systems under appendices D and E	Y	C	
40 CFR 75.21	Quality assurance and quality control practices	Y	C	
40 CFR 75.21(a)	Continuous emission monitoring systems	Y	C	
40 CFR 75.21(c)	Calibration gases	Y	C	
40 CFR 75.21(d)	Notification for periodic Relative Accuracy Test Audits	Y	C	
40 CFR 75.21(e)	Consequences of audits	Y	C	
40 CFR 75.22	Reference test methods	Y	C	
40 CFR 75.24	Out-of-control periods for adjustment for system bias	Y	C	
	Subpart D - Missing Data Substitution Procedures	Y	C	
40 CFR 75.30	General Provisions	Y	C	
40 CFR 75.30(a)	Owner/operator shall provide substitute data for each affected unit using continuous emission monitor according to this subpart whenever the unit is combusting fuel	Y	C	
40 CFR 75.31	Invalid missing data procedures	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
40 CFR 75.32	Determination of monitor data availability for standard missing data procedures	Y	C	
40 CFR 75.33	Standard missing data procedures fo SO_2, NO, Hg, and flow rate	Y	C	
40 CFR 75.33(a)	Following initial certification and after following missing data procedures for 2,160 quality assured operating hours for NOx continuous emissions monitors system the owner/operator shall follow the data substitution procedures in paragraph (b) and (c) of this section.	Y	C	
40 CFR 75.33(c)	Volumetric flow rate, NOx emission rate and NOx concentration data	Y	C	
40 CFR 75.34	Units with add-on emission controls	Y	C	
40 CFR 75.35	Missing data procedures for CO_2	Y	C	
40 CFR 75.36	Missing data procedures for heat input rate determinations	Y	C	
	Subpart F - Recordkeeping Requirements	Y	C	
40 CFR 75.53	Monitoring plan	Y	C	
40 CFR 75.53(a)	General Provisions	Y	C	
40 CFR 75.53(b)	Updates to monitoring plan	Y	C	
40 CFR 75.53(e)	Contents of monitoring plan	Y	C	
40 CFR 75.53(f)	Contents of monitoring plan for specific situations	Y	C	
40 CFR 75.53(g)	Contents of monitoring plan after January 1, 2009	Y	C	
40 CFR 75.53(h)	Contents of monitoring plan for specific situations	Y	C	
40 CFR 75.57	General recordkeeping provisions	Y	C	
40 CFR 75.57(a)	General recordkeeping provisions for affected sources	Y	C	
40 CFR 75.57(b)	Operating parameter record provisions: The owner or operator shall record for each hour the following information on unit operating time, heat input rate, and load, separately for each affected unit	Y	C	
40 CFR 75.57(c)	SO_2 emission record provisions	Y	C	
40 CFR 75.57(d)	NOx emission record provisions	Y	C	
40 CFR 75.57(e)	CO_2 emission record provisions	Y	C	
40 CFR 75.57(g)	Diluent record provisions	Y	C	
40 CFR 75.57(h)	Missing data records	Y	C	
40 CFR 75.58	General recordkeeping provisions for specific situations	Y	C	
40 CFR 75.58(b)	Specific parameter data record provisions for calculating substitute emissions data for units with add-on emission controls	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
40 CFR 75.58(c)	Specific SO_2 emission record provisions for gas-fired or oil-fired units using optional protocol in appendix D to this part. In lieu of recording the information in 75.57(c), the owner or operator shall record the applicable information in this paragraph for each affected gas-fired or oil-fired unit for which the owner or operator is using the optional protocol in appendix D to this part for estimating SO_2 mass emissions	Y	C	
40 CFR 75.59	Certification, quality assurance, and quality control record provisions	Y	C	
40 CFR 75.59(a)	Continuous emission or opacity monitoring systems	Y	C	
40 CFR 75.59(b)	Excepted monitoring systems for gas-fired and oil-fired units. The owner or operator shall record the applicable information in this section for each expected monitoring system following the requiremnts of appendix D to this part of appendix E to this part for determining and recording emissions from an affected unit	Y	C	
40 CFR 75.59(c)	Except as otherwise provided in 75.58(b)(3)(i), units with add-on SO_2 or NOx emission controls following the provisions of 75.34(a)(1) or (a)(2), and for units with add-on Hg emission controls, the owner or operator shall keep the following records on-site in the quality assurance/quality conntrol plan required by section 1 of appendix B to this part:	Y	C	
40 CFR 75.59(f)	DAHS verification. For each DAHS (missing data and formula) verification that is required for initial certification, recertification, or for certain diagnostic testing of a monitoring system, record the date and hour that the DAHS verification is successfully completed. (This requirement only applies to units that report monitoring plan data in accordance with 75.53(g) and (h).	Y	C	
	Subpart G - Reporting Requirements	Y	C	
40 CFR 75.60	General Provisions	Y	C	
40 CFR 75.61	Notifications	Y	C	
40 CFR 75.62	Monitoring plan submittals	Y	C	
40 CFR 75.63	Initial certification or recertification application	Y	C	
40 CFR 75.64	Quarterly reports	Y	C	
40 CFR 75.66	Petitions to the administrator	Y	C	
40 CFR 98	**Mandatory Greenhouse Gas Reporting**			
	Subpart A - General Provisions			
40 CFR 98.1	Purpose and scope	Y	C	
40 CFR 98.2	Who must report?	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
40 CFR 98.2(a)(1)(i)	Electricity Generation	Y	C	
40 CFR 98.2(g)	If a capacity or generation reporting threshold in paragraph (a)(1) of this section applies, the owner or operator shall review the appropriate records and perform any necessary calculations to determine whether the threshold has been exceeded	Y	C	
40 CFR 98.2(j)	Duration of reporting	Y	C	
40 CFR 98.3	What are the general monitoring, reporting, recordkeeping and verification requirements of this part?	Y	C	
40 CFR 98.3(a)	General	Y	C	
40 CFR 98.3(b)	Schedule	Y	C	
40 CFR 98.3(c)	Content of the annual report	Y	C	
40 CFR 98.3(d)	Special provisions for reporting year 2010	Y	C	
40 CFR 98.3(e)	Emissions calculations	Y	C	
40 CFR 98.3(f)	Verification	Y	C	
40 CFR 98.3(g)	Recordkeeping	Y	C	
40 CFR 98.3(h)	Annual GHG report revisions	Y	C	
40 CFR 98.3(i)	Calibration accuracy requirements	Y	C	
40 CFR 98.4	Authorization and responsibilities of the designated representative	Y	C	
40 CFR 98.5	How is the report submitted?	Y	C	
40 CFR 98.6	What are the compliance and enforcement provisions of this part?	Y	C	
	Subpart D - Electricity Generation			
40 CFR 98.40	Definition of source category	Y	C	
40 CFR 98.41	Reporting threshold	Y	C	
40 CFR 98.42	GHGs to report	Y	C	
40 CFR 98.43	Calculating GHG emissions	Y	C	
40 CFR 98.44	Monitoring and QA/QC requirements	Y	C	
40 CFR 98.45	Procedures for estimating missing data	Y	C	
40 CFR 98.46	Data reporting requirements	Y	C	
40 CFR 98.47	Records that must be retained	Y	C	
CA Code of Regulations, Title 17, Subchapter 10, Article 2	**Mandatory Greenhouse Gas Emissions Reporting**			
95101(b)(4)	Applicability (electricity generating facilities)	Y	C	
	Subarticle 1 - General Requirements for the Mandatory Reporting of Greenhouse Gas Emissions			
95103(a)	General Greenhouse Gas Reporting Requirements	Y	C	
95103(a)(1)	Report content	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
95103(a)(2)	Stationary sources	Y	C	
95103(b)	Reporting Schedule - Existing Facilities	Y	C	
95103(c)	Verification - Existing Facilities	Y	C	
95104	Greenhouse Gas Emissions Data Report	Y	C	
95104(a)	Emissions Data Report	Y	C	
95104(b)	Maintaining the GHG Inventory Program	Y	C	
95104(c)	Data Completeness	Y	C	
95104(d)	Revisions	Y	C	
95105	Document Retention and Recordkeeping Requirements	Y	C	
95106	Confidentiality	Y	C	
95107	Enforcement	Y	C	
95108	Severability	Y	C	
95111(a)	Data Requirements and Calculation Methods for Electricity Generating Facilities	Y	C	
95111(c)	Calculation of CO_2 Emissions from Stationary Combustion	Y	C	
95111(d)	Calculation of N_2O and CH4 Emissions from Stationary Combustion	Y	C	
95111(f)	Determining Fugitive SF6 Emissions	Y	C	
95111(g)	Determining Fugitive HFC Emissions	Y	C	
	Subarticle 3 - Calculation Methods Applicable to Multiple Types of Facilities			
95125	Additional Calculation Methods	Y	C	
	Subarticle 4 - Requirements for Verification of Greenhouse Gas Emissions Data Reports and Requirements Applicable to Emissions Data Verifiers			
95130	Requirements for Verification of Emissions Data Reports	Y	C	
	BAAQMD Condition #17154			
Definitions	**Definitions**	Y	C	
part 14	Requirements for combustion of natural gas with a maximum sulfur content of 1.0 gr/100 scf (BACT for SO_2 and PM_{10})	Y	C	
part 15	Hourly heat input limit (PSD for NOx)	Y	C	
part 16	Daily heat input limit (PSD for PM_{10})	Y	C	
part 17	Annual heat input limit (Offsets)	Y	C	
part 18	Duct burners shall not be fired unless turbines are in operation (BACT for NOx, CO, POC)	Y	C	
part 19	SCR System requirement (BACT for NOx) for S-1 and S-2	Y	C	
part 20	SCR System requirement (BACT for NOx) for S-3 and S-4	Y	C	
part 21	SCR System requirement (BACT for NOx) for S-5 and S-6	Y	C	
part 22	Emission limits (BACT, PSD, and Regulation 2. Rule 5)	Y	C	
part 22a	Hourly and heat-input rate NOx limits (PSD for NOx)	Y	C	
part 22b	NOx concentration limit (BACT for NOx)	Y	C	
Citation ID	**Title**	**Compliance**	**Cont or Int**	**Days out of Compliance / Comments**
part 22c	Hourly and heat-input rate CO limits (PSD for CO)	Y	C	

part 22d	CO concentration limit (BACT for CO)	Y	C	
part 22e	Ammonia concentration limit and monitoring (Reg 2, Rule 5 for NH3)	Y	C	
part 22f	Hourly and heat-input rate POC limits (BACT for POC)	Y	C	
part 22h	Hourly and heat-input rate PM_{10} limits (BACT for PM_{10})	Y	C	
part 23	Limits during startup or shutdown, steam turbine cold start-up, or combustor tuning (PSD)	Y	C	
part 24	Turbines may not be in startup mode simultaneously (PSD)	Y	C	
part 24	Limit on operation to support steam turbine cold start-up or combustor tuning (PSD)	Y	C	
part 25	HRSG designed to accept oxidation catalyst (BACT for CO)	Y	C	
part 36	Daily Combined Emission Limits for Gas Turbines and HRSGs (CEQA, PSD, BACT)	Y	C	
part 37	Annual Combined Emission Limits for Gas Turbines and HRSGs (CEQA, PSD, BACT)	Y	C	
part 38	Annual emission limits for toxic air contaminants for Gas Turbines and HRSGs (Reg 2, Rule 5)	Y	C	
part 39	Monitoring (1-520.1, 9-9-501, BACT, Offsets, NSPS, PSD, Cumulaive Increase)	Y	C	
part 40	Calculation of emissions and recordkeeping (Offsets, PSD, Cumulative Increase)	Y	C	
part 41	Calculation of emissions and recordkeeping for toxic air contaminants (Reg 2, Rule 5)	Y	C	
part 42	Ammonia slip source test (Reg 2, Rule 5)	Y	C	
part 43	Source test to determine compliance with parts 22a, b, c, d and f (BACT, offsets)	Y	C	
part 44	District review of source test procedures (BACT)	Y	C	
part 45	Initial and biennial source tests for toxic air contaminants (Reg 2, Rule 5)	Y	C	
part 46	Submittal of reports (2-6-502)	Y	C	
part 47	Retention of records for 5 years (2-6-502)	Y	C	
part 48	Notification of violations to District (2-1-403)	Y	C	
part 49	Stack heights (PSD, Reg 2, Rule 5)	Y	C	
part 50	Sampling ports and platforms (1-501)	Y	C	
part 51	Review of continuous monitors, sampling ports, platforms, and source tests (1-501)	Y	C	
part 55	Submittal of Title IV application (40 CFR 72.30(b)(2))	Y	C	Title IV renewal submitted Jan 11, 2016.
part 62	Records of Steam Turbine Cold Start-ups and Combustor Tuning (PSD)	Y	C	

Compliance Certification Report

11-Apr-16 Site#: B2095 Period: 4/1/15 to 3/31/16

Site#: B2095 **Site name:** Delta Energy Center
Address: 1200 Arcy Lane **City:** Pittsburg **State:** CA **Zip:** 94565
Source#: S-10 **Source name:** Fire Pump Diesel Engine

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (12/5/07)**			
6-1-305	Visible Particles	Y	C	
6-1-401	Appearance of Emissions	Y	C	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**			
6-305	Visible Particles	Y	C	
6-401	Appearance of Emissions	Y	C	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants - Sulfur Dioxide (3/15/95)**			
9-1-301	Limitations on Ground Level Concentrations	Y	C	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	Y	C	
BAAQMD Regulation 9, Rule 8	**Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (7/25/07)**			
9-8-110.5	Limited Exemption Emergency Standby Engines	Y	C	
9-8-330	Emergency Standby Engines, Hours of Operation	Y	C	
9-8-330.1	Unlmited hours for emergency use	Y	C	
9-8-330.2	100 hours for reliability and maintenance	Y	C	
9-8-33.3	50 hours for reliability and maintenance (after 1/1/12)	Y	C	
Section 93115, Title 17, CCR	**Airborne Toxic Control Measure for Stationary Compression Ignition Engines**			
93115.5(b)	Fuel Requirements	Y	C	
93115.6(b)(3)(A)	PM Emission Standards & Maximum Hours of Operation for Maintenance and Testing	Y	C	
93115.6(b)(3)(B)	Applicable Emission Standards for HC, NOx, NMHC+NOx, and CO	Y	C	
93115.10	Recordkeeping, Reporting and Monitoring Requirements	Y	C	
93115.10(a)	Reporting	Y	C	
93115.10(c)	Demonstration of Compliance with Emission Limits	Y	C	
93115.10(e)	Monitoring Equipment	Y	C	
93115.10(g)	Monthly Log: Data Required	Y	C	
93115.10(g)	Data Log Retention	Y	C	
93115.12	Tiered Compliance Schedule	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
BAAQMD Condition #22851				
part 1	34 hours/yr for maintenance and testing. Engine subject to NFPA 25 test requirements. ("Stationary Diesel Engine ATCM" section 93115, Title 17 CCR)	Y	C	
part 2	Unlimited Emergency Use. ("Stationary Diesel Engine ATCM" section 93115, Title 17 CCR, subsection (e)(2)(B)(3))	Y	C	
part 3	Totalizing Meter. ("Stationary Diesel Engine ATCM" section 93115, Title 17 CCR, subsection (e)(4)(G)(1))	Y	C	
part 4	Recordkeeping. ("Stationary Diesel Engine ATCM" section 93115, Title 17 CCR, subsection (e)(4)(I), or Regulation 2-6-501))	Y	C	
part 5	Near School Conditions. ("Stationary Diesel Engine ATCM" section 93115, Title 17 CCR, subsection (e)(2)(A)(1) or (e)(2)(B)(2))	Y	C	

Compliance Certification Report

11-Apr-16 Site#: B2095 Period: 4/1/15 to 3/31/16

Site#: B2095 **Site name:** Delta Energy Center
Address: 1200 Arcy Lane **City:** Pittsburg **State:** CA **Zip:** 94565
Source#: S-9 **Source name:** Cooling Tower

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
BAAQMD Regulation	**Particulate Matter and Visible Emissions (12/5/07)**			
6-1-305	Visible Particles	Y	C	
6-1-401	Appearance of Emissions	Y	C	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**			
6-305	Visible Particles	Y	C	
6-401	Appearance of Emissions	Y	C	
BAAQMD Condition #17154				
part 58	Maximum Drift Rate and total dissolved solids (Basis: PSD, BACT, cumulative increase)	Y	C	
part 59	Visual inspection (Basis: PSD, BACT, cumulative increase)	Y	C	

Compliance Certification Report

11-Apr-16 Site#: B2095 Period: 4/1/15 to 3/31/16

Site#: B2095 **Site name:** Delta Energy Center
Address: 1200 Arcy Lane **City:** Pittsburg **State:** CA **Zip:** 94565
Source#: S-11 **Source name:** Emergency Generator (Natural Gas)

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (12/19/90)**			
6-1-305	Visible Particles	Y	C	
6-1-401	Appearance of Emissions	Y	C	
SIP Regulation 6	**Particulate Matter and Visible Emissions (12/19/90)**			
6-305	Visible Particles	Y	C	
6-401	Appearance of Emissions	Y	C	
BAAQMD Regulation 9, Rule 8	**Inorganic Gaseous Pollutants - Nitrogen Oxides from Stationary Engines (8/1/01)**			
9-8-110.5	Limited Exemption Emergency Standby Engines	Y	C	
9-8-330	Emergency Standby Engines, Hours of Operation	Y	C	
9-8-330.1	Unlmited hours for emergency use	Y	C	
9-8-330.2	100 hours for reliability and maintenance	Y	C	
9-8-33.3	50 hours for reliability and maintenance (after 1/1/12)	Y	C	
BAAQMD Condition #21609				
part 1	100 hours/year for maintenance and testing. (Regulation 9-8-330)	Y	C	
part 2	Totalizing Meter (Regulation 9-8-530)	Y	C	
part 3	Recordkeeping (Regulations 9-8-530 and 1-441)	Y	C	

Compliance Certification Report

11-Apr-16 Site#: B2095 Period: 4/1/15 to 3/31/16

Site#: B2095 **Site name:** Delta Energy Center
Address: 1200 Arcy Lane **City:** Pittsburg **State:** CA **Zip:** 94565
Source#: N/A **Source name:** Facility

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
BAAQMD Regulation 1	General Provisions and Definitions (7/19/06)	Y	C	
SIP Regulation 1	General Provisions and Definitions (6/28/99)	Y	C	
BAAQMD Regulation 2, Rule 1	General Requirements (7/19/06)	Y	C	
SIP Regulation 2, Rule 1	General Requirements (1/26/99)	Y	C	
BAAQMD 2-1-429	Federal Emissions Statement (12/21/04)	Y	C	
SIP Regulation 2-1-429	Federal Emissions Statement (4/3/95)	Y	C	
BAAQMD Regulation 2, Rule 2	Permits, New Source Review (6/15/05)	Y	C	
SIP Regulation 2, Rule 2	Permits, New Source Review (1/26/99)	Y	C	
BAAQMD Regulation 2, Rule 3	Permits, Power Plants (12/19/79)	Y	C	
BAAQMD Regulation 2, Rule 4	Permits, Emissions Banking (12/21/04)	Y	C	
SIP Regulation 2, Rule 4	Permits, Emissions Banking (1/26/99)	Y	C	
BAAQMD Regulation 2, Rule 5	New Source Review of Toxic Air Contaminants (6/15/05)	Y	C	
BAAQMD Regulation 2, Rule 6	Permits, Major Facility Review (4/16/03)	Y	C	
SIP Regulation 2, Rule 6	Permits, Major Facility Review (6/23/95)	Y	C	
BAAQMD Regulation 2, Rule 9	Permits, Interchangeable Emission Reduction Credits (6/15/05)	Y	C	
BAAQMD Regulation 3	Fees	Y	C	
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	Y	C	
SIP Regulation 4	Air Pollution Episode Plan (8/6/90)	Y	C	
BAAQMD Regulation 5	Open Burning (3/6/02)	Y	C	
SIP Regulation 5	Open Burning (9/4/98)	Y	C	
BAAQMD Regulation 6, Rule 1	Particulate Matter, General Requirements (12/5/07)	Y	C	
SIP Regulation 6	Particulate Matter and Visible Emissions (9/4/98)	Y	C	
BAAQMD Regulation 7	Odorous Substances (3/17/82)	Y	C	
BAAQMD Regulation 8, Rule 1	Organic Compounds - General Provisions (6/15/94)	Y	C	
BAAQMD Regulation 8, Rule 2	Organic Compounds - Misc Operations (7/20/05)	Y	C	
SIP Regulation 8, Rule 2	Organic Compounds - Misc Operations (3/22/95)	Y	C	
BAAQMD Regulation 8, Rule 3	Organic Compounds - Arch Coatings (11/21/01)	Y	C	
BAAQMD Regulation 8, Rule 4	Organic Compounds - General Solvents and Surface Coating Operations (10/16/02)	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
BAAQMD Regulation 8, Rule 15	Organic Compounds - Emulsified and Liquid Asphalts (6/1/94)	Y	C	
BAAQMD Regulation 8, Rule 40	Organic Compounds - Aeration of Contaminated Soil and Removal of Underground Storage Tanks (6/15/05)	Y	C	
SIP Regulation 8, Rule 40	Organic Compounds - Aeration of Contaminated Soil and Removal of Underground Storage Tanks	Y	C	
BAAQMD Regulation 8, Rule 47	Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (6/15/05)	Y	C	
SIP Regulation 8, Rule 47	Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (4/26/95)	Y	C	
BAAQMD Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (12/20/95)	Y	C	
SIP Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (3/22/95)	Y	C	
BAAQMD Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (7/17/02)	Y	C	
SIP Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (2/26/02)	Y	C	
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation, and Manufacturing (10/7/98)	Y	C	
BAAQMD Regulation 12, Rule 4	Misc. Standards of Performance - Sandblasting (7/11/90)	Y	C	
SIP Regulation 12, Rule 4	Misc. Standards of Performance - Sandblasting (9/2/81)	Y	C	
California Health and Safety Code Section 44300 et seq.	Air Toxics "Hot Spots" Information and Assessment Act of 1987	Y	C	
California Health and Safety Code Section 41750 et seq.	Portable Equipment	Y	C	
California Health and Safety Code Section 93115 et seq.	Airborne Toxic Control Measure for Stationary Compression Ignition Engines	Y	C	
California Health and Safety Code Section 93116	Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater	Y	C	
40 CFR Part 51.21	Prevention of Significant Deterioration Permit Program	Y	C	
40 CFR Part 61, Subpart M	National Emission Standards for Hazardous Air Pollutants - National Emission Standard for Asbestos (6/19/95)	Y	C	

Citation ID	Title	Compliance	Cont or Int	Days out of Compliance / Comments
EPA Regulation 40 CFR 82	Protection of Stratospheric Ozone (3/12/04)	Y	C	
Subpart F, 40 CFR 82.156	Recycling and Emissions Reductions - Required Practices (4/13/05)	Y	C	
Subpart F, 40 CFR 82.161	Recycling and Emissions Reductions - Technician Certification (4/13/05)	Y	C	
Subpart F, 40 CFR 82.166	Recycling and Emissions Reductions - Reporting and Recordkeeping Provisions (4/13/05)	Y	C	
40 CFR 82, Subpart H	Protection of Stratospheric Ozone; Halon Emissions Reduction (3/5/98)	Y	C	
Title 40 Part 82 Subpart H 82.270(b)	Prohibitions, Halon (3/5/98)	Y	C	
BAAQMD Condition 17154, Part 60	Implementation of BAAQMD Regulation 4, Air Pollution Episode Plan	Y	C	