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**COPY**

January 23, 2018

Mr. John Petronella  
NYSDEC Regional Permit Administrator  
Region 3 Headquarters  
21 South Putt Corners Road  
New Paltz, New York 12561-1696

**NYSDEC**  
JAN 24 2018  
Division of  
Environmental Permits

**RE: Permit ID: 3-3356-00136/00001**  
**CPV Valley, LLC**  
**CPV Valley Energy Center**  
**Air State Facility and Acid Rain Permit Renewal Applications**

Dear Mr. Petronella:

On behalf of CPV Valley, LLC, TRC is submitting an original and one copy of the Air State Facility permit renewal application package for the CPV Valley Energy Center. In accordance with 6 NYCRR 621.11 and permit condition 3, sources must submit a major source air permit renewal application to the New York State Department of Environmental Conservation (NYSDEC) at least 180 days prior to the date of permit expiration. CPV Valley's Air State Facility permit expires on July 31, 2018, and therefore, an air permit renewal application is due to NYSDEC on or before February 1, 2018. CPV Valley, LLC is seeking the benefit of the State Administrative Procedures Act by submitting this timely and sufficient major source air permit renewal application to NYSDEC before the February 1, 2018 deadline. Minor administrative changes, such as, contact information has been updated. There are no changes in this permit renewal of the conditions of the existing permit. Note that the required documentation was submitted with the original application, and not duplicated with the renewal application.

**Acid Rain Permit Renewal Application**

EPA requires that Acid Rain permit renewal applications be submitted at least six months in advance of the expiration of the current Acid Rain permit, which expires on July 31, 2018 for the CPV Valley Energy Center. Therefore, CPV Valley, LLC is submitting the Acid Rain permit renewal application along with the Air State Facility permit renewal application.

The NYSDEC State Facility Air Permit Renewal Application forms provided as Attachment 1 include the current source identification information in Section II. Attachment 2 includes the Acid Rain permit renewal application forms.

TRC looks forward to working with NYSDEC to obtain approval of this Air State Facility Permit renewal. If you should have any questions or require further information regarding this submission, please feel free to contact me at [llefevre@trcsolutions.com](mailto:llefevre@trcsolutions.com) or 978.970.5600 or Ted Main, TRC Principal Meteorologist, at 201.508.6960 or [TMain@trcsolutions.com](mailto:TMain@trcsolutions.com).

Sincerely,

**TRC**



Laura Lefebvre, PE  
Senior Project Manager

cc: Christopher Hogan, DEC Central Office (two copies)  
George Sweikert, Region III Air Pollution Control Engineer  
John Breen, CPV Valley, LLC  
Ben Stanley, DGC Operations, LLC  
Peter Belmonte, PE, TRC  
Theodore (Ted) Main, TRC Principal Consulting Meteorologist

Attachments: NYSDEC Permit Renewal Application Forms/Supporting Documentation  
Acid Rain Permit Renewal Application

**Attachment 1**

**NYSDEC State Facility Air Permit Renewal Application Forms and Supporting Documentation**

**New York State Department of Environmental Conservation  
Air Permit Application**



**Department of  
Environmental  
Conservation**

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Application ID											
-									7		

Application Type	
* State Facility	Title V

**Section I - Certification**

**Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information required to complete this application, I believe the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Responsible Official <b>John Breen</b>	Title <b>Asset Management Rep.</b>
Signature <i>[Signature]</i>	Date <b>1/22/18</b>

**Professional Engineer Certification**

I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments as they pertain to the practice of engineering. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Professional Engineer <b>Peters Belmont</b>	NYS License No. <b>082540</b>
Signature <i>[Signature]</i>	Date <b>1/22/18</b>



**Section II - Identification Information**

**Type of Permit Action Requested**

<input type="checkbox"/> New	<input checked="" type="checkbox"/> * Renewal	<input type="checkbox"/> Significant Modification	<input type="checkbox"/> Administrative Amendment	<input type="checkbox"/> Minor Modification
Application for the construction of a new facility		Application involves the construction of new emission unit(s)		

**Facility Information**

Name <b>CPV Valley Energy Center</b>	
Location Address <b>3330 Route 6</b>	
* City / Town / Village <b>Middletown, NY</b>	Zip <b>10940</b>

**Owner/Firm Information**

Name <b>CPV Valley LLC.</b>	Business Taxpayer ID <b>473947219</b>			
Street Address <b>8403 Colesville Road Suite 915</b>				
City <b>Silver Spring</b>	State/Province <b>MD</b>	Country <b>US</b>	Zip <b>20910</b>	
Owner Classification: <input type="checkbox"/> Federal	<input type="checkbox"/> State	<input type="checkbox"/> Municipal	<input checked="" type="checkbox"/> * Corporation/Partnership	<input type="checkbox"/> Individual

**Owner/Firm Contact Information**

Name <b>John Breen</b>	Phone <b>781-848-5387</b>		
E-mail Address <b>JBreen@cpv.com</b>	Fax		
Affiliation <b>Asset Management Representative</b>	Title <b>Asset Management Rep.</b>		
Street Address <b>50 Braintree Hill Office Park Suite 300</b>			
City <b>Braintree</b>	State/Province <b>MA</b>	Country <b>US</b>	Zip <b>02184</b>

**Facility Contact Information**

Name <b>Ben Stanley</b>	Phone <b>845-649-8300</b>		
E-mail Address <b>ben.stanley@dgc-ops.com</b>	Fax		
Affiliation <b>Operator</b>	Title <b>Plant Manager</b>		
Street Address <b>3330 Route 6</b>			
City <b>Middletown</b>	State/Province <b>NY</b>	Country <b>US</b>	Zip <b>10940</b>

**New York State Department of Environmental Conservation  
Air Permit Application**



**Department of  
Environmental  
Conservation**

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Project Description	* Continuation Sheet(s)
<p>Competitive Power Ventures, Inc. (CPV) is to construct, own and operate the CPV Valley Energy Center, a 630 megawatt (MW) natural gas-fired electric generating facility. The CPV Valley Energy Center will use ultra-low sulfur distillate oil for back-up for reliability purposes. The CPV facility will use "combined cycle" generation technology and will be comprised of two combined-cycle units, each consisting of a combustion turbine generator (CTG), a Heat Recovery Steam Generator (HRSG) with supplemental duct firing, and a steam turbine generator (STG).</p>	

**Section III - Facility Information**

Facility Classification					
Hospital	Residential	Educational/Institutional	Commercial	Industrial	* Utility

Affected States (Title V Applications Only)					
Vermont	Massachusetts	Rhode Island	Pennsylvania	Tribal Land: _____	
New Hampshire	Connecticut	New Jersey	Ohio	Tribal Land: _____	

SIC Code(s)	NAICS Code(s)
4911	

Facility Description	* Continuation Sheet(s)
<p>The CPV Valley Energy Center will consist of two dual fuel-fired Siemens F-class combustion turbine generators (CTGs), with a maximum heat input of 2,234 mm Btu/hr, each when operating on natural gas at base load, two 500 mmBtu/hr supplementary natural gas-fired duct burners, two heat recovery steam generators</p>	

Compliance Statements (Title V Applications Only)
<p>I certify that as of the date of this application the facility is in compliance with all applicable requirements. Yes No</p> <p>If one or more emission units at the facility are not in compliance with all applicable requirements at the time of signing this application (the 'NO' box must be checked), the noncomplying units must be identified in the "Compliance Plan" block on page 8 of this form along with the compliance plan information required. For all emission units at the facility that are operating in compliance with all applicable requirements, complete the following:</p> <p>This facility will continue to be operated and maintained in such a manner as to assure compliance for the duration of the permit, except those emission units referenced in the compliance plan portion of this application.</p> <p>For all emission units subject to any applicable requirements that will become effective during the term of the permit, this facility will meet such requirements on a timely basis.</p> <p>Compliance certification reports will be submitted at least once per year. Each report will certify compliance status with respect to each applicable requirement, and the method used to determine the status.</p>

Facility Applicable Federal Requirements										* Continuation Sheet(s)
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
40	CFR	82	F							
40	CFR	72	A							
40	CFR	60	A							

Facility State Only Requirements										* Continuation Sheet(s)
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	293								
6	NYCRR	202	1							
6	NYCRR	202	2							
6	NYCRR	621								



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

**Section II - Identification Information**

Project Description (continuation)
<p>Auxiliary equipment will include a low nitrogen oxide (NOx) natural gas-fired auxiliary boiler, needed to keep the HRSGs warm during periods of turbine shutdown and to provide sealing steam during startups. The stacks for the facility will be 275 feet tall. The project will be located on an approximately 122-acre site in Wawayanda, Orange County, New York. The proposed project activities will be located on an approximately 21-acre area that is bounded to the east by State Route 17M/6; to the north by State Route 6 and to the south by Interstate 84.</p>



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

**Section III - Facility Information**

Facility Description (continuation)
<p>(HRSGs) and a single steam turbine generator (STG). Supporting ancillary equipment includes a 73.5 mmBtu/hr natural gas fired auxiliary boiler, a 15.43 mmBtu/hr ULSD emergency generator, two 5.02 mmBtu/hr dew point fuel gas heaters and a 2.27 mmBtu/hr ULSD fire water pump engine. The proposed CTGs will be fueled by natural gas. Ultra-low sulfur diesel may be used as backup fuel for up to 720 hours per year per turbine. The duct burners will fire natural gas exclusively. The CTGs will utilize dry low-NOx (DLN) combustors for gas firing and water injection for control of nitrogen oxides (NOx) when firing ultra-low sulfur diesel. Selective catalytic reduction (SCRs) systems will be used to further control NOx emissions. Oxidation catalysts and efficient combustion controls will be used to control emissions of carbon monoxide (CO) as well as volatile organic compounds (VOCs). Emissions of SO2 and PM/PM-10 will be minimized through the use of pipeline natural gas and ULSD as backup, as well as efficient combustion controls. Upon leaving the SCRs, turbine gases will be directed to individual stacks at 275 feet above grade with a flue diameter of 19 feet. In addition, CTGs inlet air will be cooled using an evaporative cooler when ambient temperatures are high, to improve CTGs efficiency.</p> <p>The auxiliary boiler will employ low-NOx burners (LNB) and flue gas recirculation (FGR) to control emissions of NOx. The auxiliary boiler will operate as needed to keep the HRSG warm during periods of turbine shutdown and to provide sealing steam to the steam turbine in the case of warm and hot startups. Total boiler hours for the facility will be limited to 2,000 hours per year.</p> <p>The dew point fuel gas heaters will employ a forced draft burners to reduce NOx emissions. The units will heat the natural gas to optimum firing temperature. The dew point heaters are proposed to operate up to 8,760 hours per year.</p> <p>The emergency diesel fire pump will provide provide on-site fire fighting capability independent of the utility grid. The emergency diesel generator will be operated only for testing and to maintain operational readiness or if needed for emergency operation. Each emergency engine will be allowed to operate for up to 500 hours per year.</p> <p>Only the facility's combustion turbines, duct burners and auxiliary boiler are subject to NYSDEC NOx RACT provisions.</p> <p>The dew point heater, the emergency diesel generator and the emergency diesel fire pump are exempt activities pursuant to Part 201-3.2.</p>







New York State Department of Environmental Conservation  
Air Permit Application



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

**Facility Compliance Certification** \* Continuation Sheet(s)

Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	227	1	3	a				
* Applicable Federal Requirement			Capping		CAS Number		Contaminant Name		
... State Only Requirement									

**Monitoring Information**

\* Work Practice Involving Specific Operations      Ambient Air Monitoring      Record Keeping/Maintenance Procedures

**Compliance Activity Description**

No owner or operator of a combustion installation shall operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60. The opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and all other applicable conditions cited in section 40CFR 60.11.

Work Practice Type Code	Process Material		Reference Test Method		
	Code	Description			
			40 CFR 60, Method 9		
Monitored Parameter			Manufacturer's Name/Model Number		
Code	Description				
01	Opacity				
Limit		Limit Units			
Upper	Lower	Code	Description		
20	0	136	Percent		
Averaging Method		Monitoring Frequency		Reporting Requirements	
Code	Description	Code	Description	Code	Description
18	6-min average	14	As required	10	Upon Request

**Facility Emissions Summary** \* Continuation Sheet(s)

CAS Number	Contaminant Name	Potential to Emit (tons/yr)	Actual Emissions (pounds/yr)
0NY075 - 00 - 5	PM-10	95	
0NY750 - 02 - 5	PM-2.5	95	
007446 - 09 - 5	Sulfur Dioxide	42	
0NY210 - 00 - 0	Oxides of Nitrogen	186.8	
000630 - 08 - 0	Carbon Monoxide	344	
007439 - 92 - 1	Lead (elemental)	-	
0NY998 - 00 - 0	Total Volatile Organic Compounds	65	
0NY100 - 00 - 0	Total Hazardous Air Pollutants	-	
0NY750 - 00 - 0	Carbon Dioxide Equivalents	2,164,438	
007664-93-9	Sulfuric Acid	13	
007664-41-7	Ammonia	-	

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section III - Facility Information

Facility Emissions Summary (continuation)				
CAS No.	Contaminant Name	PTE		Actual (lbs/yr)
		(lbs/yr)	Range	
106-99-0	1,3 Butadiene		Y	
71-55-6	1, 1, 1-Trichloroethane		Y	
56-49-5	3-Methylchloranthrene		Y	
57-97-6	7, 12-Dimethylbenz(a)anthracene		Y	
83-32-9	Acenaphthene		Y	
208-96-8	Acenaphthylene		Y	
75-07-0	Acetaldehyde		Y	
107-02-8	Acrolein		Y	
120-12-7	Anthracene		Y	
07440-38-2	Arsenic		Y	
56-55-3	Benz(a)anthracene		Y	
71-43-2	Benzene		Y	
50-32-8	Benzo(a)pyrene		Y	
205-99-2	Benzo(b)fluoranthene		Y	
191-24-2	Benzo(g, h, i)perylene		Y	
207-08-9	Benzo(k)fluoranthene		Y	
07740-41-7	Beryllium		Y	
07740-43-9	Cadmium		Y	
07740-47-3	Chromium		Y	
218-01-9	Chrysene		Y	
07740-48-4	Cobalt		Y	
53-70-3	Dibenzo(a, h)anthracene		Y	
106-46-7	Dichlorobenzene		Y	
100-41-4	Ethylbenzene		Y	
206-44-0	Fluoranthene		Y	
7782-96-5	Fluorene		Y	
50-00-0	Formaldehyde		Y	
110-54-3	Hexane		Y	
193-39-5	Indeno(1,2,3-cd)pyrene		Y	
07439-92-1	Lead		Y	



New York State Department of Environmental Conservation  
Air Permit Application Form



3 - 3 3 5 6 - 0 0 1 3 6

Section III - Facility Information

Facility Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
40	CFR	52	21	b	23				
<input checked="" type="checkbox"/> Applicable Federal Requirement <input type="checkbox"/> State Only Requirement		<input type="checkbox"/> Capping		CAS No.		Contaminant Name			
				NY075-00-5		Particulate			
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring <input type="checkbox"/> Intermittent Emission Testing <input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate <input checked="" type="checkbox"/> Work Practice Involving Specific Operations <input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description									
Facility PM10 emissions are subject to BACT. The facility is proposing to limit the sulfur content of combustion fuel oil to 0.0015% sulfur by weight . The sulfur content of the fuel will be certified by the vendor and monitored by the facility.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
04	007	number 2 oil				ASTM D 2880-71			
Code		Parameter				Manufacturer Name/MSDS No.			
32		sulfur content							
Upper Limit		Lower Limit		Code	Limit Units				
0.0015				57	Percent by weight.				
Averaging Method			Monitoring Frequency			Reporting Requirements			
Code	Description		Code	Description		Code	Description		
01	Maximum - not to be exceeded		11	per delivery		10	Upon Request		

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

3 - 3 3 5 6 - 0 0 1 3 6

Section III - Facility Information

Facility Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
40	CFR	52	21	b	23				
<input checked="" type="checkbox"/> Applicable Federal Requirement <input type="checkbox"/> State Only Requirement		<input type="checkbox"/> Capping		CAS No.		Contaminant Name			
				7664-93-9		Sulfuric Acid			
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring <input type="checkbox"/> Intermittent Emission Testing <input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate <input checked="" type="checkbox"/> Work Practice Involving Specific Operations <input type="checkbox"/> Record Keeping/Maintenance Procedures						
Description									
Facility sulfuric acid emissions are subject to BACT. The facility is proposing to limit the sulfur content of combustion fuel oil to 0.0015% sulfur by weight. The sulfur content of the fuel will be certified by the vendor and monitored by the facility.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
04	007	number 2 oil				ASTM D 2880-71			
Parameter		Manufacturer Name/Model No.							
Code	Description								
32	sulfur content								
Limit		Limit Units							
Upper	Lower	Code	Description						
0.0015		57	Percent by weight.						
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
01	Maximum - not to be exceeded	11	per delivery	10	Upon Request				

New York State Department of Environmental Conservation  
Air Permit Application Form



3 - 3 3 5 6 - 0 0 1 3 6

Section III - Facility Information

Facility Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	201	7	2					
<input checked="" type="checkbox"/> Applicable Federal Requirement <input type="checkbox"/> State Only Requirement		<input type="checkbox"/> Capping		CAS No.		Contaminant Name			
				ONY075-02-5		PM/PM-10/PM 2.5			
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring <input type="checkbox"/> Intermittent Emission Testing <input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate <input checked="" type="checkbox"/> Work Practice Involving Specific Operations <input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description									
Potential emissions of PM/PM-10/PM-2.5 will be limited to 95 tpy by an enforceable permit limit. Compliance shall be maintained by monthly calculation of rolling 12-month total PM emissions.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description							
04	318	Fuel							
Parameter		Manufacturer Name/Model No.							
Code	Description								
38	Heat Input								
Limit		Limit Units							
Upper	Lower	Code	Description						
95		38	tons per year						
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
17	annual maximum rolled monthly	01	Continuous	15	Annually (calendar)				

New York State Department of Environmental Conservation  
Air Permit Application



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

**Section IV - Emission Unit Information**

Emission Unit Description											Continuation Sheet(s)	
Emission Unit	U	-	0	0	0	0	1					
<p>One Siemens SGT6-5000 F-Class combustion turbine rated at 1,998 mm Btu/hr at 51 °F (2,234 mmBtu/hr at -5°F) on natural gas and (2,145 mmBtu/hr at -5°F) on fuel oil (&lt;0.0015% sulfur). The turbine is equipped with dry low-NOx combustors, steam injection, SCR and oxidation catalyst emission controls. This emission unit also contains a natural gas-fired duct burner rated at a maximum capacity of 500 mmBtu/hr.</p>												

Building Information					Continuation Sheet(s)
Building ID	Building Name	Length (ft)	Width (ft)	Orientation	
GEN01	Generation Building	304	263	North	
ACC01	Air Cooled Condenser	303	267	North	
HRSG01	Heat Recovery Steam Generator	220	202	North	

Emission Unit		Emission Unit Emissions Summary				Continuation Sheet(s)	
U	-	0	0	0	0	1	
CAS Number	Contaminant Name						
ERP (lbs/yr)	Potential to Emit		Actual Emissions				
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)			
CAS Number	Contaminant Name						
ERP (lbs/yr)	Potential to Emit		Actual Emissions				
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)			
CAS Number	Contaminant Name						
ERP (lbs/yr)	Potential to Emit		Actual Emissions				
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)			
CAS Number	Contaminant Name						
ERP (lbs/yr)	Potential to Emit		Actual Emissions				
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)			

New York State Department of Environmental Conservation  
Air Permit Application



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Emission Point Information										Continuation Sheet(s)	
Emission Point	E	P	0	0	1						
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section						
464	275	162	228	195	Length (in)	Width (in)					
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal					
72.4	1,231,680	546.98048	4584.69287		178						
Emission Point											
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section						
					Length (in)	Width (in)					
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal					
Emission Point											
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section						
					Length (in)	Width (in)					
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal					

Emission Source/Control Information										* Continuation Sheet(s)	
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number				
ID	Type				Code	Description					
C	T	0	0	1	C		Siemens SGT6-5000 Class F Turbine				
Design Capacity	Design Capacity Units			Waste Feed		Waste Type					
	Code	Description		Code	Description	Code	Description				
2234	25	mmBtu/hr									
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number				
ID	Type				Code	Description					
D	B	0	0	1	C		Forney Duct Burner				
Design Capacity	Design Capacity Units			Waste Feed		Waste Type					
	Code	Description		Code	Description	Code	Description				
500	25	mmBtu/hr									
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number				
ID	Type				Code	Description					
D	L	N	0	1	K	103	dry low NOx burner				
Design Capacity	Design Capacity Units			Waste Feed		Waste Type					
	Code	Description		Code	Description	Code	Description				

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Source/Control (continuation)											
Emission Unit		U - 0 0 0 0 1									
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.				
ID	Type				Code	Description					
STI01	K	08/2015	03/2018		028	steam or water injection					
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description		Code	Description	Code	Description				
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.				
ID	Type				Code	Description					
SCR01	K	08/2015	03/2018		033	selective catalytic reduction (SCR)	YARA SCR				
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description		Code	Description	Code	Description				
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.				
ID	Type				Code	Description					
OXY01	K	08/2015	03/2018		110	catalytic oxidation	SYNERGY				
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description		Code	Description	Code	Description				
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.				
ID	Type				Code	Description					
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description		Code	Description	Code	Description				
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.				
ID	Type				Code	Description					
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description		Code	Description	Code	Description				
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.				
ID	Type				Code	Description					
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description		Code	Description	Code	Description				

New York State Department of Environmental Conservation  
Air Permit Application



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Process Information										* Continuation Sheet(s)		
Emission Unit U - 0 0 0 0 0 1										Process	P 1	A

**Process Description**

Process P1A represents natural gas firing in the Siemens SGT6-5000 Class-F combustion turbine, which is rated at 2,234 mmBtu/hr at -5°F (maximum heat input scenario). Dry low-NOx combustion technology, selective catalytic reduction (SCR) and oxidation catalyst will be used to minimize emissions of NOx, CO, and VOC. The quantity per hour throughput listed below represents the maximum firing rate (2,234 mm Btu/hr at -5°F) and the quantity per year throughput represents the turbine at the firing rate at the annual average ambient temperature of 51 °F (1,998 mmBtu/hr). Natural gas Higher Heating Value (HHV) is assumed to be 1,048 Btu/cubic foot.

Source Classification Code (SCC)	Total Throughput		Throughput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description
2-01-002-01	2.13	16700	0115	million cubic feet of natural gas

Confidential * Operating at Maximum Capacity	Operating Schedule		Building	Floor/Location
	Hours/Day	Days/Year		
	24	365		

Emission Point Identifier(s)					
CT001	DLN01	SCR01	OXY01		

Emission Source/Control Identifier(s)					

Emission Unit U - 0 0 0 0 0 1										Process	P 2	A
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**Process Description**

Process P2A represents combined natural gas firing in the Siemens SGT6-5000 Class-F combustion turbine, which is rated at 2,234 mmBtu/hr at -5°F (maximum heat input scenario) and natural gas firing with in the duct burner, which is rated at 500 mmBtu/hr. Dry low-NOx combustion technology, selective catalytic reduction (SCR) and oxidation catalyst will be used to minimize emissions of NOx, CO, and VOC. The quantity per hour throughput listed below represents the maximum firing rate of the turbine (2,234 mmBtu/hr at -5°F) plus the duct burner at rated capacity (500 mm Btu/hr) and the quantity per year throughput represents 8,760 hours of natural gas firing in the turbine at the annual average ambient temperature of 51 °F (1,998 mmBtu/hr) plus 2,628 hours of natural gas firing in the duct burner at rated capacity (500 mmBtu/hr). Natural gas Higher Heating Value (HHV) is assumed to be 1,048 Btu/cubic foot.

Source Classification Code (SCC)	Total Throughput		Throughput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description
2-01-002-01	2.61	17954	0115	million cubic feet of natural gas

Confidential * Operating at Maximum Capacity	Operating Schedule		Building	Floor/Location
	Hours/Day	Days/Year		
	24	365		

Emission Point Identifier(s)					
CT001	DB001	DLN01	SCR01	OXY01	

Emission Source/Control Identifier(s)					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Process Information (continuation)										
Emission Unit							Process			
U - 0 0 0 0 1							P 3 A			
Description										
<p>Process P3A represents fuel oil firing in the Class-F combustion turbine, which is rated at 2,145 mm Btu/hr at -5 F (maximum heat input scenario). Dry low-NOx combustion technology, steam or water injection, selective catalytic reduction (SCR) and oxidation catalyst will be used to minimize emissions of NOx, CO, and VOC. The quantity per hour throughput listed below represents the maximum firing rate (2,145 mm Btu/hr at -5 F) and the quantity per year fuel oil firing at the firing rate at -5 F ambient temperature. Fuel oil Higher Heating Value (HHV) is assumed to be 139,728 throughput represents 720 hours of Btu/gallon.</p>										
Source Classification Code (SCC)		Total Throughput		Throughput Quantity/Units						
2-01-001-01		Quantity/Hr	Quantity/Yr	Code	Description					
		15.351	11053	0607	1000 gallons burned					
<input type="checkbox"/> Confidential <input checked="" type="checkbox"/> Operating at Maximum Capacity		Operating Schedule Hrs/Day      Days/Yr		Building	Floor/Location					
		24      30								
Emission Point Identifier(s)										
CT001	DLN01	STI01	SCR01	OXY01						
Emission Source/Control Identifier(s)										
Emission Unit							Process			
-										
Description										
Source Classification Code (SCC)		Total Throughput		Throughput Quantity/Units						
		Quantity/Hr	Quantity/Yr	Code	Description					
<input type="checkbox"/> Confidential <input type="checkbox"/> Operating at Maximum Capacity		Operating Schedule Hrs/Day      Days/Yr		Building	Floor/Location					
Emission Point Identifier(s)										
Emission Source/Control Identifier(s)										

New York State Department of Environmental Conservation  
Air Permit Application



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Description											Continuation Sheet(s)
Emission Unit	U - 0 0 0 0 0 2										

One Siemens SGT6-5000 F-Class combustion turbine rated at 1,998 mm Btu/hr at 51 °F (2,234 mmBtu/hr at -5°F) on natural gas and (2,145 mmBtu/hr at -5°F) on fuel oil (<0.0015% sulfur). The turbine is equipped with dry low-NOx combustors, steam injection, SCR and oxidation catalyst emission controls. This emission unit also contains a natural gas-fired duct burner rated at a maximum capacity of 500 mmBtu/hr.

Building Information					Continuation Sheet(s)	
Building ID	Building Name			Length (ft)	Width (ft)	Orientation
GEN02	Generation Building			304	263	North
ACC02	Air Cooled Condenser			303	267	North
HRSG02	Heat Recovery Steam Generator			220	202	North

Emission Unit Emissions Summary											Continuation Sheet(s)
Emission Unit	U - 0 0 0 0 0 2										
CAS Number	Contaminant Name										
ERP (lbs/yr)	Potential to Emit					Actual Emissions					
	(lbs/hr)		(lbs/yr)			(lbs/hr)		(lbs/yr)			
CAS Number	Contaminant Name										
ERP (lbs/yr)	Potential to Emit					Actual Emissions					
	(lbs/hr)		(lbs/yr)			(lbs/hr)		(lbs/yr)			
CAS Number	Contaminant Name										
ERP (lbs/yr)	Potential to Emit					Actual Emissions					
	(lbs/hr)		(lbs/yr)			(lbs/hr)		(lbs/yr)			
CAS Number	Contaminant Name										
ERP (lbs/yr)	Potential to Emit					Actual Emissions					
	(lbs/hr)		(lbs/yr)			(lbs/hr)		(lbs/yr)			

New York State Department of Environmental Conservation  
Air Permit Application



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Emission Point Information										Continuation Sheet(s)	
Emission Point	E	P	0	0	2						
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section						
464	275	162	228	195	Length (in)	Width (in)					
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal					
72.4	1,231.680	546.99053	4584.65455		305						
Emission Point											
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section						
					Length (in)	Width (in)					
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal					
Emission Point											
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section						
					Length (in)	Width (in)					
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal					
Emission Point											
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section						
					Length (in)	Width (in)					
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal					

Emission Source/Control Information										* Continuation Sheet(s)	
Emission Source	Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number					
ID	Type			Code	Description						
C T 0 0 2	C	08/2015	03/2018			Siemens SGT6-5000 Class-F Turbine					
Design Capacity	Design Capacity Units			Waste Feed		Waste Type					
Code	Description	Code	Description	Code	Description	Code	Description				
2234	25		mmBtu/hr								
Emission Source	Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number					
ID	Type			Code	Description						
D B 0 0 2	C	08/2015	03/2018			Forney Duct Burner					
Design Capacity	Design Capacity Units			Waste Feed		Waste Type					
Code	Description	Code	Description	Code	Description	Code	Description				
500	25		mmBtu/hr								
Emission Source	Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number					
ID	Type			Code	Description						
D L N 0 2	K	08/2015	03/2018	103	dry low NOx burner						
Design Capacity	Design Capacity Units			Waste Feed		Waste Type					
Code	Description	Code	Description	Code	Description	Code	Description				

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Source/Control (continuation)											
Emission Unit		U - 0 0 0 0 2									
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.				
ID	Type				Code	Description					
STI02	K	08/2015	03/2018		028	steam or water injection					
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description		Code	Description	Code	Description				
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.				
ID	Type				Code	Description					
SCR02	K	08/2015	03/2018		033	selective catalytic reduction (SCR)	YARA SCR				
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description		Code	Description	Code	Description				
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.				
ID	Type				Code	Description					
OXY02	K	08/2015	03/2018		110	catalytic oxidation	SYNERGY				
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description		Code	Description	Code	Description				
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.				
ID	Type				Code	Description					
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description		Code	Description	Code	Description				
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model No.				
ID	Type				Code	Description					
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description		Code	Description	Code	Description				

**New York State Department of Environmental Conservation  
Air Permit Application**



**Department of  
Environmental  
Conservation**

DEC ID													
3	-	3	3	5	6	-	0	0	1	3	6		
<b>Process Information</b>										* Continuation Sheet(s)			
Emission Unit		U - 0 0 0 0 2								Process		P 0 1	
<b>Process Description</b>													
<p>Process P01 represents natural gas firing in the Siemens SGT6-5000 Class-F combustion turbine, which is rated at 2,234 mmBtu/hr at -5°F (maximum heat input scenario). Dry low-NOx combustion technology, selective catalytic reduction (SCR) and oxidation catalyst will be used to minimize emissions of NOx, CO, and VOC. The quantity per hour throughput listed below represents the maximum firing rate (2,234 mm Btu/hr at -5°F) and the quantity per year throughput represents the turbine at the firing rate at the annual average ambient temperature of 51 °F (1,998 mmBtu/hr). Natural gas Higher Heating Value (HHV) is assumed to be 1,048 Btu/cubic foot.</p>													
Source Classification Code (SCC)		Total Throughput				Throughput Quantity Units							
		Quantity/Hr		Quantity/Yr		Code		Description					
2-01-002-01		2.13		16700		0115		million cubic feet of natural gas					
Confidential * Operating at Maximum Capacity		Operating Schedule				Building		Floor/Location					
		Hours/Day		Days/Year									
		24		365									
<b>Emission Point Identifier(s)</b>													
CT002		DLN02		SCR02		OXY02							
<b>Emission Source/Control Identifier(s)</b>													
Emission Unit		U - 0 0 0 0 2								Process		P 0 2	
<b>Process Description</b>													
<p>Process P02 represents combined natural gas firing in the Siemens SGT6-5000 Class-F combustion turbine, which is rated at 2,234 mmBtu/hr at -5°F (maximum heat input scenario) and natural gas firing with the duct burner, which is rated at 500 mmBtu/hr. Dry low-NOx combustion technology, selective catalytic reduction (SCR) and oxidation catalyst will be used to minimize emissions of NOx, CO, and VOC. The quantity per hour throughput listed below represents the maximum firing rate of the turbine (2,234 mmBtu/hr at -5°F) plus the duct burner at rated capacity (500 mm Btu/hr) and the quantity per year throughput represents 8,760 hours of natural gas firing in the turbine at the annual average ambient temperature of 51 °F (1,998 mmBtu/hr) plus 2,628 hours of natural gas firing in the duct burner at rated capacity (500 mmBtu/hr). Natural gas Higher Heating Value (HHV) is assumed to be 1,048 Btu/cubic foot.</p>													
Source Classification Code (SCC)		Total Throughput				Throughput Quantity Units							
		Quantity/Hr		Quantity/Yr		Code		Description					
2-01-002-01		2.61		17954		0115		million cubic feet of natural gas					
Confidential * Operating at Maximum Capacity		Operating Schedule				Building		Floor/Location					
		Hours/Day		Days/Year									
		24		365									
<b>Emission Point Identifier(s)</b>													
CT002		DB002		DLN02		SCR02		OXY02					
<b>Emission Source/Control Identifier(s)</b>													

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID  
3 - 3 3 5 6 - 0 0 1 3 6

Section IV - Emission Unit Information

Process Information (continuation)							
Emission Unit	U - 0 0 0 0 2					Process	P 0 3
Description							
<p>Process P03 represents fuel oil firing in the Siemens SGT6-5000 Class-F combustion turbine, which is rated at 2,145 mm Btu/hr at -5 F (maximum heat input scenario). Dry low-NOx combustion technology, steam or water injection, selective catalytic reduction (SCR) and oxidation catalyst will be used to minimize emissions of NOx, CO, and VOC. The quantity per hour throughput listed below represents the maximum firing rate (2,145 mm Btu/hr at -5 F) and the quantity per year fuel oil firing at the firing rate at -5 F ambient temperature. Fuel oil Higher Heating Value (HHV) is assumed to be 139,728 throughput represents 720 hours of Btu/gallon.</p>							
Source Classification Code (SCC)	Total Throughput		Throughput Quantity Units				
	Quantity/Hr	Quantity/Yr	Code	Description			
2-01-001-01	15.351	11053	0607	1000 gallons burned			
<input type="checkbox"/> Confidential <input checked="" type="checkbox"/> Operating at Maximum Capacity		Operating Schedule Hrs/Day      Days/Yr 24              30		Building	Floor/Location		
Emission Point Identifier(s)							
CT002	DLN02	STI02	SCR02	OXY02			
Emission Source/Control Identifier(s)							
Emission Unit							
	-						
Description							
Source Classification Code (SCC)	Total Throughput		Throughput Quantity Unit				
	Quantity/Hr	Quantity/Yr	Code	Description			
<input type="checkbox"/> Confidential <input type="checkbox"/> Operating at Maximum Capacity		Operating Schedule Hrs/Day      Days/Yr		Building	Floor/Location		
Emission Point Identifier(s)							
Emission Source/Control Identifier(s)							

New York State Department of Environmental Conservation  
 Air Permit Application



DEC ID											
3	-	3	3	5	8	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Description											Continuation Sheet(s)	
Emission Unit	U	-	0	0	0	0	3					
One 73.5 mmBtu/hr auxiliary boiler that will fire natural gas exclusively. The boiler hours will be limited to 2000 hours per year. The boiler will operate primarily to assist with startups and shutdowns of the turbine.												

Building Information					Continuation Sheet(s)	
Building ID	Building Name			Length (ft)	Width (ft)	Orientation
GEN02	Generation Building			304	263	North

Emission Unit		Emission Unit Emissions Summary				Continuation Sheet(s)
U	-	0	0	0	0	3
CAS Number	Contaminant Name					
ERP (lbs/yr)	Potential to Emit		Actual Emissions			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
CAS Number	Contaminant Name					
ERP (lbs/yr)	Potential to Emit		Actual Emissions			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
CAS Number	Contaminant Name					
ERP (lbs/yr)	Potential to Emit		Actual Emissions			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
CAS Number	Contaminant Name					
ERP (lbs/yr)	Potential to Emit		Actual Emissions			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		

New York State Department of Environmental Conservation  
Air Permit Application



DEC ID											
3	-	3	3	5	8	-	0	0	1	3	6

Emission Point Information							Continuation Sheet(s)
Emission Point	E	P	0	0	3		
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
					Length (in)	Width (in)	
464	275	162	228	195			
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
72.4	1,231,680	546.99053	4584.65455		305		
Emission Point							
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
					Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
Emission Point							
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
					Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	

Emission Source/Control Information							Continuation Sheet(s)		
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number		
ID	Type				Code	Description			
A	U	X	0	1	C	08/2015	03/2018	low NOx burner	
Design Capacity	Design Capacity Units			Waste Feed		Waste Type			
	Code	Description	Code	Description	Code	Description			
73.5	25	mmBtu/hr							
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number		
ID	Type				Code	Description			
L	N	B	0	1	K	08/2015	03/2018	low NOx burner	
Design Capacity	Design Capacity Units			Waste Feed		Waste Type			
	Code	Description	Code	Description	Code	Description			
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number		
ID	Type				Code	Description			
F	G	R	0	1	K	08/2015	03/2018	flue gas recirculation	
Design Capacity	Design Capacity Units			Waste Feed		Waste Type			
	Code	Description	Code	Description	Code	Description			



New York State Department of Environmental Conservation  
 Air Permit Application



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Description											Continuation Sheet(s)	
Emission Unit	U	-	0	0	0	0	0	4				
Kohler Power System Model: 1000REOZDE Engine Manufacturer: Detroit Diesel/MTU Engine Model: 16V2000 G85 R163-8A37 Engine: type 4-Cycle, Turbocharged, Intercooled												

Building Information					Continuation Sheet(s)
Building ID	Building Name	Length (ft)	Width (ft)	Orientation	
DGB01	Generation Building	39	22		

Emission Unit		Emission Unit Emissions Summary				Continuation Sheet(s)					
U	-	0	0	0	0	4					
CAS Number		Contaminant Name									
		Potential to Emit		Actual Emissions							
		(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)						
CAS Number		Contaminant Name									
		Potential to Emit		Actual Emissions							
		(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)						
CAS Number		Contaminant Name									
		Potential to Emit		Actual Emissions							
		(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)						
CAS Number		Contaminant Name									
		Potential to Emit		Actual Emissions							
		(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)						

New York State Department of Environmental Conservation  
Air Permit Application



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	8	-	0	0	1	3	8

Emission Point Information							Continuation Sheet(s)
Emission Point	E	P	0	0	4		
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
464	50	27	18	764	Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
104.3	11061	547.12988	4584.6514	DGB01	262		
Emission Point							
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
					Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
Emission Point							
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
					Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	

Emission Source/Control Information							Continuation Sheet(s)
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number
ID	Type				Code	Description	
E	G	0	1				16V2000 G85 R163-8A37
Design Capacity		Design Capacity Units			Waste Feed		Waste Type
	Code	Description			Code	Description	Code
15.43	0104	mmBtu/hr					
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number
ID	Type				Code	Description	
Design Capacity		Design Capacity Units			Waste Feed		Waste Type
	Code	Description			Code	Description	Code
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number
ID	Type				Code	Description	
Design Capacity		Design Capacity Units			Waste Feed		Waste Type
	Code	Description			Code	Description	Code

New York State Department of Environmental Conservation  
Air Permit Application



DEC ID																			
3	-	3	3	5	6	-	0	0	1	3	6								
Process Information										Continuation Sheet(s)									
Emission Unit								U	-	0	0	0	0	4	Process		P	0	4
Process Description																			
Process P04 represents the emergency generator firing on diesel fuel.																			
Source Classification Code (SCC)		Total Throughput			Throughput Quantity Units														
		Quantity/Hr	Quantity/Yr	Code	Description														
2-01-002-01		110.4	55216	0045	gallons														
Confidential * Operating at Maximum Capacity		Operating Schedule			Building	Floor/Location													
		Hours/Day	Days/Year																
		500 Hours																	
Emission Point Identifier(s)																			
EG01																			
Emission Source/Control Identifier(s)																			
Emission Unit		-											Process						
Process Description																			
Source Classification Code (SCC)		Total Throughput			Throughput Quantity Units														
		Quantity/Hr	Quantity/Yr	Code	Description														
Confidential Operating at Maximum Capacity		Operating Schedule			Building	Floor/Location													
		Hours/Day	Days/Year																
Emission Point Identifier(s)																			
Emission Source/Control Identifier(s)																			

New York State Department of Environmental Conservation  
Air Permit Application



DEC ID											
3	-	3	3	5	8	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Description					Continuation Sheet(s)
Emission Unit <b>U - 0 0 0 0 0 5</b>					
Fire Pump Diesel Engine Cummins CFP9E-F20					
Building Information					Continuation Sheet(s)
Building ID	Building Name	Length (ft)	Width (ft)	Orientation	
FPB01	Fire Water Pump Building	22	10		
Emission Unit	Emission Unit Emissions Summary				Continuation Sheet(s)
<b>U - 0 0 0 0 0 5</b>					
CAS Number	Contaminant Name				
ERP (lbs/yr)	Potential to Emit		Actual Emissions		
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)	
CAS Number	Contaminant Name				
ERP (lbs/yr)	Potential to Emit		Actual Emissions		
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)	
CAS Number	Contaminant Name				
ERP (lbs/yr)	Potential to Emit		Actual Emissions		
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)	
CAS Number	Contaminant Name				
ERP (lbs/yr)	Potential to Emit		Actual Emissions		
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)	

New York State Department of Environmental Conservation  
Air Permit Application



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Emission Point Information							Continuation Sheet(s)
Emission Point	E	P	0	0	5		
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
464	50	37	6	952	Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
136.2	1605	546.81502	4584.66944	FPB01	161		
Emission Point							
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
					Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
Emission Point							
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section		
					Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	

Emission Source/Control Information							Continuation Sheet(s)
Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number
F P 0 1	C	08/2015	03/2018		Code	Description	CFP9E-F20
Design Capacity	Code	Design Capacity Units			Waste Feed		Waste Type
2.27	0104	mmBtu/hr			Code	Description	Code Description
Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number
					Code	Description	
Design Capacity	Code	Design Capacity Units			Waste Feed		Waste Type
					Code	Description	Code Description
Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number
					Code	Description	
Design Capacity	Code	Design Capacity Units			Waste Feed		Waste Type
					Code	Description	Code Description

New York State Department of Environmental Conservation  
Air Permit Application



Department of Environmental Conservation

<b>DEC ID</b>													
3	-	3	3	5	8	-	0	0	1	3	8		
<b>Process Information</b>										× Continuation Sheet(s)			
Emission Unit		U	-	0	0	0	0	5	Process		P	0	5
<b>Process Description</b>													
Process P05 represents fire pump firing diesel fuel.													
Source Classification Code (SCC)		Total Throughput			Throughput Quantity Units								
		Quantity/Hr	Quantity/Yr	Code	Description								
2-01-002-01		16.3	8140	0115	gallons								
Confidential × Operating at Maximum Capacity		Operating Schedule			Building	Floor/Location							
		Hours/Day	Days/Year										
		500 Hours											
<b>Emission Point Identifier(s)</b>													
EP01													
<b>Emission Source/Control Identifier(s)</b>													
Emission Unit		-							Process				
<b>Process Description</b>													
Source Classification Code (SCC)		Total Throughput			Throughput Quantity Units								
		Quantity/Hr	Quantity/Yr	Code	Description								
Confidential Operating at Maximum Capacity		Operating Schedule			Building	Floor/Location							
		Hours/Day	Days/Year										
<b>Emission Point Identifier(s)</b>													
<b>Emission Source/Control Identifier(s)</b>													

New York State Department of Environmental Conservation  
Air Permit Application



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Description										Continuation Sheet(s)
Emission Unit U - 0 0 0 0 0 6										
Two Fuel Gas Heaters: Model: Maxon OVENPAK® LE 45 Gas Burners – with SMARTLINK® DS Actuator										

Building Information					Continuation Sheet(s)	
Building ID	Building Name			Length (ft)	Width (ft)	Orientation
None	Located Outdoor					

Emission Unit		Emission Unit Emissions Summary				Continuation Sheet(s)
U - 0 0 0 0 0 6						
CAS Number		Contaminant Name				
ERP (lbs/yr)	Potential to Emit		Actual Emissions			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
CAS Number		Contaminant Name				
ERP (lbs/yr)	Potential to Emit		Actual Emissions			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
CAS Number		Contaminant Name				
ERP (lbs/yr)	Potential to Emit		Actual Emissions			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		
CAS Number		Contaminant Name				
ERP (lbs/yr)	Potential to Emit		Actual Emissions			
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)		

New York State Department of Environmental Conservation  
Air Permit Application



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Emission Point Information										Continuation Sheet(s)			
Emission Point		E	P	0	0	6							
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section								
					Length (in)		Width (in)						
464	125		24	850									
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal							
16.07	3029	546.95885	4584.58	Outdoors	156								
Emission Point													
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section								
					Length (in)		Width (in)						
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal							
Emission Point													
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section								
					Length (in)		Width (in)						
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal							

Emission Source/Control Information										Continuation Sheet(s)	
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number				
ID	Type				Code	Description					
F	G	H	1	C	08/2015	03/2018	102	Low NOx Burner			
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description			Code	Description	Code	Description			
5.02	0104	mmBtu/hr									
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number				
ID	Type				Code	Description					
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description			Code	Description	Code	Description			
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturer's Name/Model Number				
ID	Type				Code	Description					
Design Capacity	Design Capacity Units				Waste Feed		Waste Type				
	Code	Description			Code	Description	Code	Description			

New York State Department of Environmental Conservation  
Air Permit Application



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6
<b>Process Information</b>										* Continuation Sheet(s)	
Emission Unit U - 0 0 0 0 0 6										Process P 0 6	
<b>Process Description</b>											
Process P06 represents two fuel gas heater operating on natural gas.											
Source Classification Code (SCC)		Total Throughput			Throughput Quantity Units						
		Quantity/Hr	Quantity/Yr	Code	Description						
2-01-002-01		5.02	1832	0104	million Btu heat input						
Confidential * Operating at Maximum Capacity		Operating Schedule			Building	Floor/Location					
		Hours/Day	Days/Year								
		24	365								
<b>Emission Point Identifier(s)</b>											
FGH1											
<b>Emission Source/Control Identifier(s)</b>											
Emission Unit -										Process	
<b>Process Description</b>											
Source Classification Code (SCC)		Total Throughput			Throughput Quantity Units						
		Quantity/Hr	Quantity/Yr	Code	Description						
Confidential Operating at Maximum Capacity		Operating Schedule			Building	Floor/Location					
		Hours/Day	Days/Year								
<b>Emission Point Identifier(s)</b>											
<b>Emission Source/Control Identifier(s)</b>											

New York State Department of Environmental Conservation  
Air Permit Application



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Emission Unit	Emission Point	Process	Emission Source	Emission Unit Applicable Federal Requirements							* Continuation Sheet(s)			
				Title	Type	Part	Subpart	Section	Subdiv.	Parag.	Subparag.	Cl.	Subcl.	
U-00001				40	CFR	60	A							
U-00001				40	CFR	75	D							
U-00001				40	CFR	75	F	59						
U-00001				40	CFR	75	F	53	a,b,e,					

Emission Unit	Emission Point	Process	Emission Source	Emission Unit State Only Requirements							* Continuation Sheet(s)			
				Title	Type	Part	Subpart	Section	Subdiv.	Parag.	Subparag.	Cl.	Subcl.	
U-00001				6	NYCRR	242								
U-00001				6	NYCRR	243								
U-00001				6	NYCRR	244								
U-00001				6	NYCRR	245								

**Emission Unit Compliance Certification** Continuation Sheet(s)

**Rule Citation**

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	5	4					

\* Applicable Federal Requirement      State Only Requirement      Capping

Emission Unit	Emission Point	Process	Emission Source	CAS Number	Contaminant Name
U-00001	EP001	P1A,P2A		NY210-00-0	Oxides of nitrogen

**Monitoring Information**

* Continuous Emission Monitoring	Monitoring of a Process or Control Device Parameters as a Surrogate
Intermittent Emission Testing	Work Practice Involving Specific Operations
Ambient Air Monitoring	Record Keeping/Maintenance Procedures

**Compliance Activity Description**

2.0 ppmvd (corrected to 15% O<sub>2</sub>) NO<sub>x</sub> emission limit for the combustion turbine (with and without the duct burner) based upon the Higher Heating Value (HHV) of the fuel. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will use CEMS to monitor NO<sub>x</sub> stack emissions. The emission limits represents LAER.

Work Practice Type Code	Process Material		Reference Test Method		
	Code	Description			
			40 CFR Part 60, Appendix A, Method 7E		
Monitored Parameter			Manufacturer's Name/Model Number		
Code	Description				
23	Concentration				
Limit		Limit Units			
Upper	Lower	Code	Description		
2.0		275	parts per million by volume (dry, corrected to 15% O <sub>2</sub> )		
Averaging Method		Monitoring Frequency		Reporting Requirements	
Code	Description	Code	Description	Code	Description
08	1-hour average	01	Continuous	07	Quarterly





New York State Department of Environmental Conservation  
Air Permit Application



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Emission Unit	Emission Point	Process	Emission Source	Emission Unit Applicable Federal Requirements							* Continuation Sheet(s)			
				Title	Type	Part	Subpart	Section	Subdiv.	Parag.	Subparag.	Cl.	Subcl.	
U-00002				40	CFR	60	A							
U-00002				40	CFR	75	D							
U-00002				40	CFR	75	F	59						
U-00002				40	CFR	75	F	53	a,b,e,					

Emission Unit	Emission Point	Process	Emission Source	Emission Unit State Only Requirements							* Continuation Sheet(s)			
				Title	Type	Part	Subpart	Section	Subdiv.	Parag.	Subparag.	Cl.	Subcl.	
U-00002				6	NYCRR	242								
U-00002				6	NYCRR	243								
U-00002				6	NYCRR	244								
U-00002				6	NYCRR	245								

**Emission Unit Compliance Certification** Continuation Sheet(s)

**Rule Citation**

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	5	4					

\* Applicable Federal Requirement      State Only Requirement      Capping

Emission Unit	Emission Point	Process	Emission Source	CAS Number	Contaminant Name
U-00002	EP002	P01,P02		NY210-00-0	Oxides of nitrogen

**Monitoring Information**

* Continuous Emission Monitoring	Monitoring of a Process or Control Device Parameters as a Surrogate
Intermittent Emission Testing	Work Practice Involving Specific Operations
Ambient Air Monitoring	Record Keeping/Maintenance Procedures

**Compliance Activity Description**

2.0 ppmvd (corrected to 15% O<sub>2</sub>) NO<sub>x</sub> emission limit for the combustion turbine (with and without the duct burner) based upon the Higher Heating Value (HHV) of the fuel. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will use CEMS to monitor NO<sub>x</sub> stack emissions. The emission limits represents LAER.

Work Practice Type Code	Process Material		Reference Test Method		
	Code	Description			
			40 CFR Part 60, Appendix A, Method 7E		
Monitored Parameter			Manufacturer's Name/Model Number		
Code	Description				
23	Concentration				
Limit		Limit Units			
Upper	Lower	Code	Description		
2.0		275	parts per million by volume (dry, corrected to 15% O <sub>2</sub> )		
Averaging Method		Monitoring Frequency		Reporting Requirements	
Code	Description	Code	Description	Code	Description
08	1-hour average	01	Continuous	07	Quarterly









New York State Department of Environmental Conservation  
Air Permit Application Form



3 - 3 3 9 6 - 0 0 1 3 6

Section III - Facility Information

Facility Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	7	6					
<input checked="" type="checkbox"/> Applicable Federal Requirement <input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		CAS No.		Contaminant Name		
					007446-09-5		Sulfur Dioxide		
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring <input type="checkbox"/> Intermittent Emission Testing <input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate <input checked="" type="checkbox"/> Work Practice Involving Specific Operations <input type="checkbox"/> Record Keeping/Maintenance Procedures				
Description									
<p>Facility Sulfur Dioxide emissions are subject to BACT and the fuel sulfur limit listed in 6 NYCRR 225-1.2 (g). The facility is proposing to limit the sulfur content no greater than 0.0015% sulfur by weight. The sulfur content of the fuel will be certified by the vendor and monitored by the facility.</p>									
Work Practice		Process Material		Limit Value					
Type	Code	Description		Description					
04	007	number 2 oil		ASTM D 2880-71					
Code	Description			Limit Value					
32	sulfur content								
Upper	Lower	Code	Description						
0.0015		57	Percent by weight.						
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
01	Maximum - not to be exceeded	11	per delivery	13	Quarterly				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	5	4						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00001	EP001	P3A	CT001	0NY210-00-0	Oxides of Nitrogen					
Monitoring Information										
<input checked="" type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will maintain a 6.0 ppmvd (corrected to 15% O <sub>2</sub> ) NO <sub>x</sub> emission limit when firing on fuel oil from the combustion turbine based upon Higher Heating Value (HHV) of the fuel oil. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will use CEMS to monitor NO <sub>x</sub> stack emissions. The emission limits represents LAER.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description								
					40 CFR 60, Appendix A, Method 7E					
Parameter		Description			Manufacture Name/Model No.					
Code	Description									
23	Concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
6.0		275	parts per million by volume (dry, corrected to 15% O <sub>2</sub> )							
Averaging Method		Monitoring Frequency			Reporting Requirements					
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	01	Continuous	07	Quarterly					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	5	4						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping				
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00002	EP002	P03	CT002	0NY210-00-0	Oxides of Nitrogen					
Monitoring Information										
<input checked="" type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
<p>The facility will maintain a 6.0 ppmvd (corrected to 15% O<sub>2</sub>) NO<sub>x</sub> emission limit when firing fuel oil from the combustion turbine based upon Higher Heating Value (HHV) of the fuel oil. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will use CEMS to monitor NO<sub>x</sub> stack emissions. The emission limits represents LAER.</p>										
Work Practice		Parameter			Reference Test Method					
Type	Code	Description			Reference Test Method					
					40 CFR 60, Appendix A, Method 7E					
Code		Parameter			Manufacturer Name/Model No.					
23		Concentration								
Limit		Unit			Description					
Upper	Lower	Code			Description					
6.0		275			parts per million by volume (dry, corrected to 15% O <sub>2</sub> )					
Averaging Method		Monitoring Frequency			Reporting Requirements					
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	01	Continuous	07	Quarterly					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	5	4						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00003	EP003	P3B	AUX01	0NY210-00-0	Oxides of Nitrogen					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will maintain 0.0450 lb/mmBtu NOx emission limit when firing natural gas from the auxiliary boiler based upon Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup and shutdown. The facility will use vendor emission guarantees and/or stack testing to ensure compliance with the LAER emission limit, as required.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			40 CFR 60, Appendix A, Method 7E					
Parameter		Description			Manufacturing Name/Model No.					
Code	Concentration									
23										
Limit		Unit/Units			Description					
Upper	Lower	Code			Description					
0.045		07			pounds per million Btus					
Averaging Method		Monitoring Frequency			Reporting Requirements					
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	5	4						
<input checked="" type="checkbox"/> Applicable Federal Requirement				<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00001	EP001	P1A,P3A	CT001	0NY998-00-0	VOC					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate								
<input checked="" type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations								
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures								
Description										
The facility will maintain a 0.7 ppmvd (corrected to 15% O <sub>2</sub> ) VOC emission limit from the combustion turbine based upon Higher Heating Value (HHV) of the natural gas (without duct burner) and fuel oil. This emission limit applies at all loads except during startup, shutdown and fuel switching. Stack testing will be used to demonstrate compliance with the LAER emission limit.										
Work Practice		Process Material			Reference Text Method					
Type	Code	Description			Reference Text Method					
					40 CFR Part 60, Appendix A, Method 25A					
Parameter		Description			Manufacturer Name/Model No.					
Code	Description									
23	Concentration									
Limit		Limit Units			Description					
Upper	Lower	Code	Description							
0.7		275	parts per million by volume (dry, corrected to 15% O <sub>2</sub> )							
Averaging Method		Monitoring Frequency		Reporting Requirement						
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DECID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	5	4						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping				
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00001	EP001	P2A	CT001	ONY998-00-0	VOC					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
<p>The facility will maintain a 1.8 ppmvd (corrected to 15% O<sub>2</sub>) VOC emission limit from the combustion turbine (with duct burner) based upon Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup, shutdown and fuel switching. Stack testing will be used to demonstrate compliance with the LAER emission limit.</p>										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			40 CFR Part 60, Appendix A, Method 25A					
Parameter		Description			Manufacture Name/Model No.					
Code	Description									
23	Concentration									
Limit		Unit Units			Description					
Upper	Lower	Code	Description							
1.8		275	parts per million by volume (dry, corrected to 15% O <sub>2</sub> )							
Averaging Method		Monitoring Frequency			Reporting Requirements					
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DECID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)											
Rule Citation											
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause		
6	NYCRR	231	5	4							
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name						
U-00002	EP002	P01,P03	CT002	0NY998-00-0	VOC						
Monitoring Information											
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate						
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations						
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures						
Description											
The facility will maintain a 0.7 ppmvd (corrected to 15% O <sub>2</sub> ) VOC emission limit from the combustion turbine based upon Higher Heating Value (HHV) of the natural gas (without duct burner) and fuel oil. This emission limit applies at all loads except during startup, shutdown and fuel switching. Stack testing will be used to demonstrate compliance with the LAER emission limit.											
Work Practice		Process Material				Reference Test Method					
Type	Code	Description				Reference Test Method					
						40 CFR Part 60, Appendix A, Method 25A					
Parameter		Description				Manufacturer Name/Model No.					
Code	Description				Manufacturer Name/Model No.						
23	Concentration										
Unit		Limit Units				Description					
Upper	Lower	Code	Description				Description				
0.7		275	parts per million by volume (dry, corrected to 15% O <sub>2</sub> )								
Averaging Method			Monitoring Frequency			Reporting Requirements					
Code	Description		Code	Description		Code	Description				
08	1-Hour Average		13	single occurrence		01	once / batch or monitoring occurrence				

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	5	4					
<input checked="" type="checkbox"/> Applicable Federal Requirement		<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
U-00002	EP002	P02	CT002	0NY998-00-0	VOC				
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description									
The facility will maintain a 1.8 ppmvd (corrected to 15% O <sub>2</sub> ) VOC emission limit from the combustion turbine (with duct burner) based upon Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup, shutdown and fuel switching. Stack testing will be used to demonstrate compliance with the LAER emission limit.									
Work Practice		Process Material		Reference Test Method					
Type	Code	Description		40 CFR Part 60, Appendix A, Method 25A					
Parameter		Manufacturer Name/Model No.							
Code	Description								
23	Concentration								
Limit		Limit Units							
Upper	Lower	Code	Description						
1.8		275	parts per million by volume (dry, corrected to 15% O <sub>2</sub> )						
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence				

Continuation Sheet 5 of 8

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	5	4					
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
U-00003	EP003	P3B	AUX01	0NY998-00-0	VOC				
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description									
The facility will maintain a 0.0038 lb/mmBtu VOC emission limit when firing on natural gas from the auxiliary boiler based upon Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup and shutdown. The facility will use vendor emission guarantees and/or stack testing to ensure compliance with the LAER emission limit, as required									
Work Practice		Process Material			Reference Test Method				
Type	Code	Description			40 CFR Part 60, Appendix A, Method 25A				
Parameter		Manufacturer Name/Model No.							
Code	Description								
23	Concentration								
Unit		Unit Units							
Upper	Lower	Code	Description						
0.0038		7	pounds per million Btus						
Averaging Method		Monitoring Frequency			Reporting Requirements				
Code	Description	Code	Description	Code	Description				
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	GAS No.	Contaminant Name					
U-00001	EP001	P1A,P3A	CT001	000630-08-0	Carbon Monoxide					
Monitoring Information										
<input checked="" type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
<p>The facility will maintain a 2.0 ppmvd (corrected to 15% O<sub>2</sub>) CO emission limit for the combustion turbine based upon the Higher Heating Value (HHV) of the the natural gas (without duct burner) and fuel oil. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will use CEMS to monitor CO stack emissions. The emission limit represents BACT.</p>										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			Reference Test Method					
					40 CFR Part 60, Appendix A, Method 10					
Code		Parameter			Manufacturer Name/Model No.					
Code		Description			Manufacturer Name/Model No.					
23		Concentration								
Limit		Limit Units			Description					
Upper	Lower	Code			Description					
2.0		275			parts per million by volume (dry, corrected to 15% O <sub>2</sub> )					
Averaging Method		Monitoring Frequency			Reporting Requirements					
Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	
08	1-Hour Average	01	Continuous	07	Quarterly					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00002	EP002	P01,P03	CT002	000630-08-0	Carbon Monoxide					
Monitoring Information										
<input checked="" type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will maintain a 2.0 ppmvd (corrected to 15% O <sub>2</sub> ) CO emission limit for the combustion turbine based upon the Higher Heating Value (HHV) of the the natural gas (without duct burner) and fuel oil. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will use CEMS to monitor CO stack emissions. The emission limit represents BACT.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			40 CFR Part 60, Appendix A, Method 10					
Code		Parameter Description			Manufacturer Name/Model No.					
23		Concentration								
Limit		Unit Units			Description					
Upper	Lower	Code	Description							
2.0		275	parts per million by volume (dry, corrected to 15% O <sub>2</sub> )							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	01	Continuous	07	Quarterly					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	7	6					
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
U-00001	EP001	P2A	CT001	000630-08-0	Carbon Monoxide				
Monitoring Information									
<input checked="" type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate						
<input type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations						
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures						
Description									
<p>The facility will maintain a 3.4 ppmvd (corrected to 15% O<sub>2</sub>) CO emission limit for the combustion turbine (with duct burner) based upon the Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will use CEMS to monitor CO stack emissions. The emission limit represents BACT.</p>									
Work Practice		Process Material			Reference Test Method				
Type	Code	Description			Reference Test Method				
					40 CFR Part 60, Appendix A, Method 10				
Parameter		Manufacturer Name/Model No.							
Code	Description								
23	Concentration								
Unit		Limit/Units							
Upper	Lower	Code	Description						
3.4		275	parts per million by volume (dry, corrected to 15% O <sub>2</sub> )						
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
08	1-Hour Average	01	Continuous	07	Quarterly				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00002	EP002	P02	CT002	000630-08-0	Carbon Monoxide					
Monitoring Information										
<input checked="" type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
<p>The facility will maintain a 3.4 ppmvd (corrected to 15% O<sub>2</sub>) CO emission limit for the combustion turbine (with duct burner) based upon the Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will use CEMS to monitor CO stack emissions. The emission limit represents BACT.</p>										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			Reference Test Method					
					40 CFR Part 60, Appendix A, Method 10					
Parameter		Description			Manufacturer Name/Model No.					
Code	Description			Manufacturer Name/Model No.						
23	Concentration									
Limit		Unit Units			Description					
Upper	Lower	Code	Description							
3.4		275	parts per million by volume (dry, corrected to 15% O <sub>2</sub> )							
Averaging Method			Monitoring Frequency		Reporting Requirements					
Code	Description		Code	Description	Code	Description				
08	1-Hour Average		01	Continuous	07	Quarterly				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	7	6					
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
U-00003	EP003	P3B	AUX01	000630-08-0	Carbon Monoxide				
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description									
The facility will maintain a 0.0721 lb/mmBtu CO emission limit when burning natural gas from the auxiliary boiler based upon Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup and shutdown. The facility will use vendor emission guarantees and/or stack testing to ensure compliance with the BACT emission limit, as required.									
Work Practice		Process Material			Reference Test Method				
Type	Code	Description			Reference Test Method				
					40 CFR Part 60, Appendix A, Method 10				
Parameter		Manufacturer Name/Model No.							
Code	Description								
23	Concentration								
Unit		Unit Units							
Upper	Lower	Code	Description						
0.0721		7	pounds per million Btus						
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	7	6					
<input checked="" type="checkbox"/> Applicable Federal Requirement		<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
U-00001	EP001	P1A,P2A	CT001	0NY075-00-0	PARTICULATES				
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description									
The facility will maintain a 0.0073 lb/mmBtu PM emission limit with and without duct burner from the combustion turbine based upon Higher Heating Value (HHV) of the natural gas. The emission limits applies at all load except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by stack testing.									
Work Practice		Process Material			Reference Test Method				
Type	Code	Description			EPA RM 5, 201/201A or 202				
Parameter		Description			Manufacturer Name/Model No.				
Code	Description			Concentration					
23									
Limit		Limit Units			Description				
Upper	Lower	Code			Description				
0.0073		7			pounds per Million Btus				
Averaging Method		Monitoring Frequency			Reporting Requirements				
Code	Description	Code	Description	Code	Description				
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00002	EP002	P01,P02	CT002	ONY075-00-0	PARTICULATES					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will maintain a 0.0073 lb/mmBtu PM emission limit with and without duct burner from the combustion turbine based upon Higher Heating Value (HHV) of the natural gas. The emission limits applies at all load except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by stack testing.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			EPA RM 5, 201/201A or 202					
Parameter		Description			Manufacturer Name/Model No.					
Code	Description									
23	Concentration									
Limit		Limit Units								
Upper	Lower	Code			Description					
0.0073		7			pounds per Million Btus					
Averaging Method		Monitoring Frequency			Reporting Requirements					
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00001	EP001	P1A,P2A	CT001	0NY075-00-5	PM-10					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will maintain a 0.0073 lb/mmBtu PM emission limit with and without duct burner from the combustion turbine based upon Higher Heating Value (HHV) of the natural gas. The emission limits applies at all load except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by stack testing.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				EPA RM 5, 201/201A or 202				
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	Concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.0073		7	pounds per Million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00002	EP002	P01,P02	CT002	0NY075-00-5	PM-10					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will maintain a 0.0073 lb/mmBtu PM emission limit with and without duct burner from the combustion turbine based upon Higher Heating Value (HHV) of the natural gas. The emission limits applies at all load except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by slack testing.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			EPA RM 5, 201/201A or 202					
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	Concentration									
Unit		Unit Units								
Upper	Lower	Code	Description							
0.0073		7	pounds per Million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	7	6					
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
U-00001	EP001	P3A	CT001	0NY075-00-0	Particulates				
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description									
The facility will maintain a 0.0368 lb/mmBtu PM emission limit when firing fuel oil from the combustion turbine based upon Higher Heating Value (HHV) of the fuel oil. The emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by stack testing.									
Work Practice		Process Material				Reference Test Method			
Type	Code	Description				EPA RM 5, 201/201A or 202			
Parameter		Manufacturer Name/Model No.							
Code	Description								
23	Concentration								
Limit		Limit Units							
Upper	Lower	Code	Description						
0.0368		7	pounds per Million Btus						
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence				

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00001	EP001	P3A	CT001	0NY075-00-5	PM-10					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will maintain a 0.0368 lb/mmBtu PM emission limit when firing fuel oil from the combustion turbine based upon Higher Heating Value (HHV) of the fuel oil. The emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by stack testing.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				EPA RM 5, 201/201A or 202				
Parameter		Manufacturer Name/Model No.								
Code	Description	Concentration								
23										
Limit		Unit Units								
Upper	Lower	Code	Description							
0.0368		7	pounds per Million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	7	6					
<input checked="" type="checkbox"/> Applicable Federal Requirement		<input type="checkbox"/> State Only Requirement						<input type="checkbox"/> Capping	
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
U-00002	EP002	P03	CT002	0NY075-00-0	Particulates				
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description									
The facility will maintain a 0.0368 lb/mmBtu PM emission limit when firing fuel oil from the combustion turbine based upon Higher Heating Value (HHV) of the fuel oil. The emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by stack testing.									
Work Practice		Process Material			Reference Test Method				
Type	Code	Description			EPA RM 5, 201/201A or 202				
Parameter		Manufacturer Name/Model No.							
Code	Description			Concentration					
23									
Limit		Limit Units							
Upper	Lower	Code	Description						
0.0368		7	pounds per Million Btus						
Averaging Method		Monitoring Frequency			Reporting Requirements				
Code	Description	Code	Description	Code	Description				
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence				

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00002	EP002	P03	CT002	0NY075-00-5	PM-10					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will maintain a 0.0368 lb/mmBtu PM emission limit when firing fuel oil from the combustion turbine based upon Higher Heating Value (HHV) of the fuel oil. The emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by stack testing.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			EPA RM 5, 201/201A or 202					
Parameter		Description			Manufacturer Name/Model No.					
Code	Description									
23	Concentration									
Limit		Unit/Units								
Upper	Lower	Code	Description							
0.0368		7	pounds per Million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00003	EP003	P3B	AUX01	0NY075-00-0	Particulates					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate								
<input checked="" type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations								
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures								
Description										
The facility will maintain a 0.0063 lb/mmBtu PM emission limit when firing natural gas from the auxiliary boiler based on the Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup and shutdown. The facility will use vendor emission guarantees and/or stack testing to ensure compliance with the BACT emission limit, as required.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			EPA RM 5, 201A/201, and 202					
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	Concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.0063		7	pounds per Million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00003	EP003	P3B	AUX01	0NY075-00-5	PM-10					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
The facility will maintain a 0.0063 lb/mmBtu PM emission limit when firing natural gas from the auxiliary boiler based on the Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup and shutdown. The facility will use vendor emission guarantees and/or stack testing to ensure compliance with the BACT emission limit, as required.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			EPA RM 5, 201A/201, and 202					
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	Concentration									
Limit		Unit Units								
Upper	Lower	Code			Description					
0.0063		7			pounds per Million Btus					
Averaging Method		Monitoring Frequency			Reporting Requirements					
Code	Description	Code	Description	Code	Description					
08	1-Hour Average	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00001	EP001	P1A,P2A	CT001	007446-09-5	Sulfur Dioxide					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
<p>The facility will maintain a 0.0022 lb/mmBtu SO<sub>2</sub> emission limit from the combustion turbine (with and without duct burner) based on the Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by limiting sulfur content of the natural gas to 0.8 grains/100 SCF. The sulfur content of the natural gas will be verified through a certification or analysis provided by the fuels supplier and monitored by the facility.</p>										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description								
04	012	natural gas			ASTM 5504					
Code		Parameter Description			Manufacturer Name/Model No.					
32		Sulfur Content								
Limit		Limit Units								
Upper	Lower	Code	Description							
0.8		13	grains per 100 dscf							
Averaging Method		Monitoring Frequency			Reporting Requirements					
Code	Description	Code	Description	Code	Description					
01	Maximum not to be exceeded	14	as required	10	Upon Request					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	7	6					
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
U-00002	EP002	P01,P02	CT002	007446-09-5	Sulfur Dioxide				
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate						
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations						
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures						
Description									
<p>The facility will maintain a 0.0022 lb/mmBtu SO<sub>2</sub> emission limit from the combustion turbine (with and without duct burner) based on the Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by limiting sulfur content of the natural gas to 0.8 grains/100 SCF. The sulfur content of the natural gas will be verified through a certification or analysis provided by the fuels supplier and monitored by the facility.</p>									
Work Practice		Process Material			Reference Test Method				
Type	Code	Description							
04	012	natural gas			ASTM 5504				
Parameter		Manufacturer Name/Model No.							
Code	Description								
32	Sulfur Content								
Limit		Unit/Units							
Upper	Lower	Code	Description						
0.8		13	grains per 100 dscf						
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
01	Maximum not to be exceeded	14	as required	10	Upon Request				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00001	EP001	P3A	CT001	007446-09-5	Sulfur Dioxide					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
<p>The facility will maintain a 0.0015 lb/mmBtu SO2 emission limit when firing fuel oil from the combustion turbine based on the Higher Heating Value (HHV) of the fuel oil. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by maintaining compliance with the fuel oil sulfur limit of 0.0015%. The sulfur content of the fuel will be certified by the vendor and monitored by the facility.</p>										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			Reference Test Method					
04	007	Number 2 Oil			ASTM D 2880-71					
Code		Parameter Description			Manufacturer Name/Model No.					
32		Sulfur Content								
Upper		Lower		Code	Description					
0.0015				57	percent by weight					
Averaging Method			Monitoring Frequency		Reporting Requirements					
Code	Description		Code	Description	Code	Description				
01	Maximum not to be exceeded		11	Per Delivery	10	Upon Request				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00002	EP002	P03	CT002	007446-09-5	Sulfur Dioxide					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
<p>The facility will maintain a 0.0015 lb/mmBtu SO2 emission limit when firing fuel oil from the combustion turbine based on the Higher Heating Value (HHV) of the fuel oil. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by maintaining compliance with the fuel oil sulfur limit of 0.0015%. The sulfur content of the fuel will be certified by the vendor and monitored by the facility.</p>										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description								
04	007	Number 2 Oil			ASTM D 2880-71					
Code		Parameter Description			Manufacturer Name/Model No.					
32		Sulfur Content								
Limit		Unit Units								
Upper	Lower	Code	Description							
0.0015		57	percent by weight							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
01	Maximum not to be exceeded	11	Per Delivery	10	Upon Request					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00003	EP003	P3B	AUX01	007446-09-5	Sulfur Dioxide					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will maintain a 0.0022 lb/mm Btu SO2 emission limit from the auxiliary boiler based upon Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup and shutdown. The facility will demonstrate compliance with the BACT emission limit by limiting the sulfur content of the natural gas to 0.8 grains/100 scf.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			ASTM 5504					
Parameter		Manufacturer Name/Model No.								
Code	Description									
32	Sulfur Content									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.8		13	grains per 100 dscf							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
01	Maximum not to be exceeded	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00001	EP001	P1A,P2A	CT001	007664-93-9	Sulfuric Acid					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
<p>The facility will maintain a 0.0007 lb/mmBtu sulfuric acid mist emission limit from the combustion turbine (with and without duct burner) based upon Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by limiting sulfur content of the natural gas to 0.8 grains/100 scf. The sulfur content of the natural gas will be verified through a certification or analysis provided by the fuels supplier and monitored by the facility.</p>										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description								
04	012	Natural Gas			ASTM 5504					
Code		Parameter Description			Manufacturer Name/Model No.					
32		Sulfur Content								
Upper Limit		Lower Limit		Code	Limit Units					
0.8				13	grains per 100 dscf					
Averaging Method			Monitoring Frequency			Reporting Requirements				
Code	Description		Code	Description		Code	Description			
01	Maximum not to be exceeded		14	as required		10	Upon Request			

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID										
3	-	3	3	5	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	7	6					
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
U-00002	EP002	P01,P02	CT002	007664-93-9	Sulfuric Acid				
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description									
<p>The facility will maintain a 0.0007 lb/mmBtu sulfuric acid mist emission limit from the combustion turbine (with and without duct burner) based upon Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by limiting sulfur content of the natural gas to 0.8 grains/100 scf. The sulfur content of the natural gas will be verified through a certification or analysis provided by the fuels supplier and monitored by the facility.</p>									
Work Practice		Process Material			Reference Test Method				
Type	Code	Description							
04	012	Natural Gas			ASTM 5504				
Code		Parameter Description			Manufacturer Name/Model No.				
32		Sulfur Content							
Limit		Limit Units							
Upper	Lower	Code			Description				
0.8		13			grains per 100 dscf				
Averaging Method		Monitoring Frequency			Reporting Requirements				
Code	Description	Code	Description	Code	Description				
01	Maximum not to be exceeded	14	as required	10	Upon Request Continuation				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00001	EP001	P3A	CT001	007664-93-9	Sulfuric Acid					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
<p>The facility will maintain a 0.0005 lb/mm Btu sulfuric acid mist emission limit when firing fuel oil from the combustion turbine based upon Higher Heating Value (HHV) of the gas and fuel oil. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by maintaining compliance with the fuel oil sulfur limit of 0.0015%. The sulfur content of the fuel will be certified by the vendor and monitored by the facility.</p>										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				Reference Test Method				
04	007	Number 2 Oil				ASTM D 2880-71				
Parameter		Description				Manufacturer Name/Model No.				
Code	Description				Manufacturer Name/Model No.					
32	Sulfur Content									
Limit		Code		Unit/Units						
Upper	Lower	Code		Description						
0.0015		57		percent by weight						
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
01	Maximum not to be exceeded	11	Per Delivery	10	Upon Request					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00002	EP002	P03	CT002	007664-93-9	Sulfuric Acid					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will maintain a 0.0005 lb/mm Btu sulfuric acid mist emission limit from the combustion turbine (with and without duct burner) based upon Higher Heating Value (HHV) of the gas and fuel oil. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will demonstrate compliance with the BACT emission limit by maintaining compliance with the fuel oil sulfur limit of 0.0015%. The sulfur content of the fuel will be certified by the vendor and monitored by the facility.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				Reference Test Method				
04	007	Number 2 Oil				ASTM D 2880-71				
Parameter		Manufacturer Name/Model No:								
Code	Description				Manufacturer Name/Model No:					
32	Sulfur Content									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.0015		57	percent by weight							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
01	Maximum not to be exceeded	11	Per Delivery	10	Upon Request					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00003	EP003	P3B	AUX01	007664-93-9	Sulfuric Acid					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
<p>The facility will maintain a 0.0002 lb/mm Btu sulfuric acid mist emission limit from the auxiliary boiler based upon Higher Heating Value (HHV) of the natural gas. This emission limit applies at all loads except during startup and shutdown. The facility will demonstrate compliance with the BACT emission limit by limiting the sulfur content of the natural gas to 0.8 grains/100 scf. The sulfur content of the natural gas will be verified through a certification or analysis provided by the fuels supplier and monitored by the facility.</p>										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			Reference Test Method					
04	012	Natural Gas			ASTM 5504					
Reference		Description			Manufacturer Name/Model No.					
Code	Description									
32	Sulfur Content									
Limit		Limit Units			Description					
Upper	Lower	Code			Description					
0.8		13			grains per 100 dscf					
Averaging Method		Monitoring Frequency			Reporting Requirements					
Code	Description	Code	Description	Code	Description	Description				
01	Maximum not to be exceeded	14	as required	10	Upon Request					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
40	CFR	60	43	3	c					
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00003	EP003	P3B	AUX01							
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
No owner or operator of a combustion installation shall operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			40 CFR 60, Method 9					
Parameter		Manufacturer Name/Model No.								
Code	Description									
01	Opacity									
Limit		Unit/Units								
Upper	Lower	Code	Description							
20	0	136	Percent							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
18	6-min average	13	single occurrence	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)											
Rule Citation											
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause		
6	NYCRR	200	7								
<input checked="" type="checkbox"/> Applicable Federal Requirement				<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name						
U-00001	EP001	P1A,P2A,P3A	CT001	007664-41-7	Ammonia						
Monitoring Information											
<input checked="" type="checkbox"/> Continuous Emission Monitoring				<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input type="checkbox"/> Intermittent Emission Testing				<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring				<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description											
The facility will maintain a 5.0 ppmvd (corrected to 15% O2) limit applies during all turbine loads, all fuels being fired and all duct burner operations.. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will use CEMS to monitor Ammonia stack emissions											
Work Practice		Process Markers				Reference Test Method					
Type	Code	Description				Reference Test Method					
	154	Ammonia				40 CFR 75 & 40 CFR 60 Appendices A/B/F					
Code		Parameter Description				Manufacturer Name/Model No.					
Limit			Limit Units								
Upper	Lower	Code	Description								
5.0		275	parts per million by volume (dry, corrected to 15% O2)								
Averaging Method			Monitoring Frequency			Reporting Requirements					
Code	Description		Code	Description		Code	Description				
08	1-hour average		01	Continuous		07	Quarterly				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	200	7							
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00002	EP002	P01,P02,P03	CT002	007664-41-7	Ammonia					
Monitoring Information										
<input checked="" type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will maintain a 5.0 ppmvd (corrected to 15% O2) limit applies during all turbine loads,all fuels being fired and all duct burner operations.. This emission limit applies at all loads except during startup, shutdown and fuel switching. The facility will use CEMS to monitor Ammonia stack emissions										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description								
	154	Ammonia			40 CFR 75 & 40 CFR 60 Appendices A/B/F					
Code		Parameter Description			Manufacturer Name/Model No.					
Upper Limit		Lower Limit		Limit Units						
Code	Description	Code	Description							
5.0		275		parts per million by volume (dry, corrected to 15% O2)						
Averaging Method			Monitoring Frequency			Reporting Requirements				
Code	Description		Code	Description		Code	Description			
08	1-hour average		01	Continuous		07	Quarterly			

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)											
Rule Citation											
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause		
6	NYCRR	200	7								
<input checked="" type="checkbox"/> Applicable Federal Requirement				<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.		Contaminant Name					
				007664-41-7		Ammonia					
Monitoring Information											
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate								
<input type="checkbox"/> Intermittent Emission Testing			<input checked="" type="checkbox"/> Work Practice Involving Specific Operations								
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures								
Description											
The facility will maintain records to verify concentration of ammonia stored on-site is less than 19%. The ammonia concentration will be certified by the vendor and monitored by the facility.											
Work Practice		Process Material				Reference Test Method					
Type	Code	Description									
04	154	Ammonia									
Parameter		Manufacturer Name/Model No.									
Code	Description										
Limit		Limit Units									
Upper	Lower	Code	Description								
19		21	percent by volume								
Average Method		Monitoring Frequency		Reporting Requirements							
Code	Description	Code	Description	Code	Description						
01	Maximum not to be exceeded	11	Per Delivery	15	annually (calendar)						

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00001/U-00002	EP001/EP002	P1A,PO1	CT001/CT002							
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
The facility will have a heat rate of 7605 Btu/kW-hr (HHV) or less at ISO conditions without duct burner firing to achieve a design thermal efficiency.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			ASME PTC 46-1996					
Code		Parameter			Manufacturer Name/Model No.					
38		Heat Input								
Upper Limit		Lower Limit		Code	Limit Units					
7605					BTU per kilowatt-hour					
Averaging Method			Monitoring Frequency		Reporting Requirements					
Code	Description		Code	Description	Code	Description				
60	maximum - not to exceed stated value		09	annually	14	semi-annually (calendar)				

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New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	251	3	a						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00001/U-00002	EP001/EP002	PIA P2AP35 P01 P02 P3	CT001/CT002	000124-38-9	Carbon Dioxide					
Monitoring Information										
<input checked="" type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate								
<input type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations								
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures								
Description										
The facility are required to meet an emission rate of 925 pounds of CO2 per MW hour gross electrical output (output-based limit). These emission limits are measured on a 12-month rolling average basis, calculated by dividing the annual total of CO2 emissions over the relevant 12-month period by the annual total (gross) MW generated (output-based limit).										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description								
Parameter		Manufacturer Name/Model No.								
Code	Description									
Limit		Unit Units								
Upper	Lower	Code	Description							
925		8	pounds per megawatt hour							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
17	annual maximum rolled monthly	01	continuous	13	quarterly (calendar)					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	E	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)																																																	
Rule Citation																																																	
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause																																								
6	NYCRR	201	7																																														
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping																																									
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name																																												
				0NY075-02-5	PM 2.5																																												
Monitoring Information																																																	
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate																																												
<input type="checkbox"/> Intermittent Emission Testing					<input checked="" type="checkbox"/> Work Practice Involving Specific Operations																																												
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures																																												
Description																																																	
<p>Monthly facility-wide emissions of PM-2.5 will be calculated as the sum of monthly PM-2.5 emissions from individual emission units or source groups. Emissions will be calculated based on heat input (or, equivalently, from fuel use) and emission factors as described below. Annual facility-wide emissions will then be determined at the end of each month on a rolling 12-month basis in order to demonstrate compliance with the 95 ton per year cap.</p> <table border="1"> <thead> <tr> <th>Unit Op Load</th> <th>Fuel</th> <th>Grp</th> <th>Emission Factor</th> </tr> </thead> <tbody> <tr> <td>CT only &gt; 80%</td> <td>Gas</td> <td>1</td> <td>0.0056</td> </tr> <tr> <td>CT only &lt; 80%</td> <td>Gas</td> <td>2</td> <td>0.0073</td> </tr> <tr> <td>CT + DB &gt; 80%</td> <td>Gas</td> <td>3</td> <td>0.0064</td> </tr> <tr> <td>CT only &gt; 85%</td> <td>Oil</td> <td>4</td> <td>0.0247</td> </tr> <tr> <td>CT only &lt; 85%</td> <td>Oil</td> <td>5</td> <td>0.0368</td> </tr> <tr> <td>Aux Boiler All</td> <td>Gas</td> <td>6</td> <td>0.0063</td> </tr> <tr> <td>Gas Heater All</td> <td>Gas</td> <td>7</td> <td>0.0076</td> </tr> <tr> <td>EDG All</td> <td>Oil</td> <td>8</td> <td>0.0091</td> </tr> <tr> <td>EFP All</td> <td>Oil</td> <td>9</td> <td>0.0429</td> </tr> </tbody> </table> <p>In cases where fuel use (gallons of oil or SCF of gas) for a source group is monitored directly rather than heat input, the equivalent heat input will be determined by multiplying the monthly fuel usage for the source group by the corresponding fuel heating value (mmBtu/gallon or mmBtu/scf), using the higher heating. In cases where fuel use (gallons of oil or standard cubic feet of gas) for a source group is monitored directly rather than heat input, the equivalent heat input will be determined by multiplying the monthly fuel usage for the source group by the corresponding fuel heating value (mmBtu/gallon or mmBtu/scf), using the higher heating value basis for fuel.</p>										Unit Op Load	Fuel	Grp	Emission Factor	CT only > 80%	Gas	1	0.0056	CT only < 80%	Gas	2	0.0073	CT + DB > 80%	Gas	3	0.0064	CT only > 85%	Oil	4	0.0247	CT only < 85%	Oil	5	0.0368	Aux Boiler All	Gas	6	0.0063	Gas Heater All	Gas	7	0.0076	EDG All	Oil	8	0.0091	EFP All	Oil	9	0.0429
Unit Op Load	Fuel	Grp	Emission Factor																																														
CT only > 80%	Gas	1	0.0056																																														
CT only < 80%	Gas	2	0.0073																																														
CT + DB > 80%	Gas	3	0.0064																																														
CT only > 85%	Oil	4	0.0247																																														
CT only < 85%	Oil	5	0.0368																																														
Aux Boiler All	Gas	6	0.0063																																														
Gas Heater All	Gas	7	0.0076																																														
EDG All	Oil	8	0.0091																																														
EFP All	Oil	9	0.0429																																														
Work Practice		Process Material				Reference Test Method																																											
Type	Code	Description																																															
04	318	Fuel																																															
Parameter		Manufacturer Name/Model No.																																															
Code	Description																																																
38	Heat Input																																																
Limit		Limit Units																																															
Upper	Lower	Code	Description																																														
95		38	tons per year																																														
Averaging Method		Monitoring Frequency		Reporting Requirements																																													
Code	Description	Code	Description	Code	Description																																												
17	annual maximum rolled monthly	01	CONTINUOUS	15	ANNUALLY (CALENDAR)																																												

New York State Department of Environmental Conservation  
 Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	5	4						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00004	EP004	P04		0NY998-00-0	VOC					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
LAER is 0.0331 lb/mmBtu. Will be achieved using good combustion controls. Emission testing to be performed upon request of the Department.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			Method 25A					
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	concentration									
Limit		Unit Units								
Upper	Lower	Code	Description							
0.0331		7	pounds per million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	5	4						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00004	EP004	P04		0NY210-00-0	Oxides of Nitrogen					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
LAER is 4.77 grams per brake horsepower-hour. Will be achieved using good combustion controls. Emission testing to be performed upon request of the Department.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				Method 7E				
Parameter		Manufacturer Name/Model No.								
Code	Description	Manufacturer Name/Model No.								
23	concentration									
Limit		Unit/Units								
Upper	Lower	Code	Description							
4.77		319	grams per brake horsepower-hour							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00004	EP004	P04		0NY075-00-0	PARTICULATES					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
BACT is 0.03 g/hp-hr. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				Method 201/201A and 202				
Parameter		Description				Manufacture Name/Model No.				
Code	Description				Manufacture Name/Model No.					
23	concentration									
Unit		Limit		Units		Description				
Upper	Lower	Code	Description							
0.03		319	grams per brake horsepower-hour							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00004	EP004	P04		0NY075-00-5	PM-10					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
BACT is 0.03 g/hp-hr. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			Method 201/201A and 202					
Parameter		Description			Manufacturer Name/Model No.					
Code	Description			Manufacturer Name/Model No.						
23	concentration									
Limit		Unit Units			Description					
Upper	Lower	Code	Description							
0.03		319	grams per brake horsepower-hour							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of  
Environmental  
Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00004	EP004	P04		007446-09-5	SULFUR DIOXIDE					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
BACT is 0.0014 lb/mmBtu. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			EPA approved methods					
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.0014		7	pounds per million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00004	EP004	P04		007664-93-9	SULFURIC ACID					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
BACT is 0.00003 lb/mmBtu. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			EPA approved methods					
Parameter		Description			Manufacturer Name/Model No.					
Code	Description									
23	concentration									
Limit			Unit Units							
Upper	Lower	Code	Description							
0.00003		7	pounds per million Btus							
Averaging Method			Monitoring Frequency			Reporting Requirements				
Code	Description		Code	Description		Code	Description			
08	1-hour average		14	as required		01	once / batch or monitoring occurrence			

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00004	EP004	P04		000630-08-0	CARBON MONOXIDE					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
BACT is 0.45 g/hp-hr. Will be achieved using good combustion controls. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				Method 10				
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.45		319	grams per brake horsepower-hour							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	5	4						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00005	EP005	P05		0NY210-00-0	Oxides of Nitrogen					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
LAER is 0.857 pounds per million Btus. Will be achieved using good combustion controls. Emission testing to be performed upon request of the Department.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			Method 7E					
Code		Parameter			Manufacturer Name/Model No.					
Description		concentration								
23										
Upper Limit		Lower Limit		Limit Units						
Code		Code		Description						
0.857		7		pounds per million Btus						
Averaging Method			Monitoring Frequency			Reporting Requirements				
Code	Description		Code	Description		Code	Description			
08	1-hour average		14	as required		01	once / batch or monitoring occurrence			

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	5	4						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00005	EP005	P05		0NY998-00-0	VOC					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
LAER is 0.3612 lb/mmBtu. Will be achieved using good combustion controls. Emission testing to be performed upon request of the Department.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			Method 25A					
Parameter		Description			Manufacturer Name/Model No.					
Code	Description									
23	concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.3612		7	pounds per million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00005	EP005	P05		000630-08-0	CARBON MONOXIDE					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
BACT is 0.75 lbs/mmBtus. Will be achieved using good combustion controls. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				Method 10				
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.75		7	pounds per million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	7	6					
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
U-00005	EP005	P05		0NY075-00-0	PARTICULATES				
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description									
BACT is 0.043 lb/mmBtus. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.									
Work Practice		Process Material			Reference Test Method				
Type	Code	Description			Method 201/201A and 202				
Parameters		Description			Manufacturer Name/Model No.				
Code	Description								
23	concentration								
Limit		Limit Units							
Upper	Lower	Code	Description						
0.043		7	pounds per million Btus						
Averaging Method		Monitoring Frequency		Reporting Requirements					
Code	Description	Code	Description	Code	Description				
08	1-hour average	14	as required	01	once / batch or monitoring occurrence				

New York State Department of Environmental Conservation  
Air Permit Application Form



Department of Environmental Conservation

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00005	EP005	P05		0NY075-00-5	PM-10					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
BACT is 0.043 lb/mmBtus. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				Method 201/201A and 202				
						Method 201/201A and 202				
Parameter		Manufacturer Name/Model No.								
Code	Description				Manufacturer Name/Model No.					
23	concentration									
Unit		Limit Units								
Upper	Lower	Code	Description							
0.043		7	pounds per million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00005	EP005	P05		007446-09-5	SULFUR DIOXIDE					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
BACT is 0.0014 lb/mmBtu. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				EPA approved methods				
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.0014		7	pounds per million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)									
Rule Citation									
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	231	7	6					
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
U-00005	EP005	P05		007664-93-9	SULFURIC ACID				
Monitoring Information									
<input type="checkbox"/> Continuous Emission Monitoring		<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing		<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring		<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description									
BACT is 0.00003 lb/mmBtu. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.									
Work Practice		Process Material			Reference Test Method				
Type	Code	Description			EPA approved methods				
					EPA approved methods				
Parameter		Description			Manufacturer Name/Model No.				
Code	Description			Manufacturer Name/Model No.					
23	concentration								
Limit		Limit Units			Description				
Upper	Lower	Code	Description						
0.00003		7	pounds per million Btus						
Averaging Method		Monitoring Frequency			Reporting Requirements				
Code	Description	Code	Description	Code	Description				
08	1-hour average	14	as required	01	once / batch or monitoring occurrence				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	5	4						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00006	EP006	P06		0NY210-00-0	Oxides of Nitrogen					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
LAER is 0.058 pounds per million Btus for each individual gas heater. Will be achieved using forced draft low NOx Burner. Emission testing to be performed upon request of the Department.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			Method 7E					
Parameter		Description			Manufacturer Name/Model No.					
Code	concentration									
23										
Limit		Limit Units			Description					
Upper	Lower	Code	Description							
0.058		7	pounds per million Btus							
Averaging Method			Monitoring Frequency		Reporting Requirements					
Code	Description		Code	Description	Code	Description				
08	1-hour average		14	as required	01	once / batch or monitoring occurrence				

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	5	4						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00006	EP006	P06		0NY998-00-0	VOC					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
LAER is 0.011 lb/mmBtu. Will be achieved using good combustion controls. Emission testing to be performed upon request of the Department.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				Method 25A				
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.011		7	pounds per million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00006	EP006	P06		007664-93-9	SULFURIC ACID					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
BACT is 0.0002 lb/mmBtu. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				EPA approved methods				
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.0002		7	pounds per million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00006	EP006	P06		000630-08-0	CARBON MONOXIDE					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
BACT is 0.084 lbs/mmBtus.. Will be achieved using good combustion controls. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				Method 10				
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.084		7	pounds per million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00006	EP006	P06		0NY075-00-0	PARTICULATES					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
BACT is 0.0076 lb/mmBtus.. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material				Reference Test Method				
Type	Code	Description				Method 201/201A and 202				
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	concentration									
Limit			Limit Units							
Upper	Lower	Code	Description							
0.0076		7	pounds per million Btus							
Averaging Method			Monitoring Frequency			Reporting Requirements				
Code	Description		Code	Description		Code	Description			
08	1-hour average		14	as required		01	once / batch or monitoring occurrence			

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement			<input type="checkbox"/> State Only Requirement				<input type="checkbox"/> Capping			
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00006	EP006	P06		0NY075-00-5	PM-10					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring			<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate							
<input checked="" type="checkbox"/> Intermittent Emission Testing			<input type="checkbox"/> Work Practice Involving Specific Operations							
<input type="checkbox"/> Ambient Air Monitoring			<input type="checkbox"/> Record Keeping/Maintenance Procedures							
Description										
BACT is 0.0076 lb/mmBtus.. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			Method 201/201A and 202					
Parameter		Manufacturer Name/Model No.								
Code	Description									
23	concentration									
Limit		Limit Units								
Upper	Lower	Code	Description							
0.0076		7	pounds per million Btus							
Averaging Method		Monitoring Frequency		Reporting Requirements						
Code	Description	Code	Description	Code	Description					
08	1-hour average	14	as required	01	once / batch or monitoring occurrence					

New York State Department of Environmental Conservation  
Air Permit Application Form



DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Section IV - Emission Unit Information

Emission Unit Compliance Certification (continuation)										
Rule Citation										
Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause	
6	NYCRR	231	7	6						
<input checked="" type="checkbox"/> Applicable Federal Requirement					<input type="checkbox"/> State Only Requirement			<input type="checkbox"/> Capping		
Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name					
U-00006	EP006	P06		007446-09-5	SULFUR DIOXIDE					
Monitoring Information										
<input type="checkbox"/> Continuous Emission Monitoring					<input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate					
<input checked="" type="checkbox"/> Intermittent Emission Testing					<input type="checkbox"/> Work Practice Involving Specific Operations					
<input type="checkbox"/> Ambient Air Monitoring					<input type="checkbox"/> Record Keeping/Maintenance Procedures					
Description										
BACT is 0.0022 lb/mmBtu. Will be achieved using low sulfur fuel. Emission testing to be performed at the request of the Department.										
Work Practice		Process Material			Reference Test Method					
Type	Code	Description			EPA approved methods					
					Manufacturer Name/Model No.					
Parameter		Description								
Code		concentration								
23										
Limit			Limit Units							
Upper	Lower	Code	Description							
0.0022		7	pounds per million Btus							
Averaging Method			Monitoring Frequency			Reporting Requirements				
Code	Description		Code	Description		Code	Description			
08	1-hour average		14	as required		01	once / batch or monitoring occurrence			

**New York State Department of Environmental Conservation  
Air Permit Application**



**Department of  
Environmental  
Conservation**

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

Request for Emission Reduction Credits										Continuation Sheet(s)	
Emission Source											
Emission Reduction Description											
Contaminant Emission Reduction Data											
Baseline Period ____/____/____ to ____/____/____								Reduction			
								Date		Method	
CAS Number		Contaminant Name						ERC (lbs/yr)			
								Netting		Offset	
Facility to Use Future Reduction											
Name								Application ID			
								- /			
Location Address											
City/ Town / Village						State			Zip		

Use of Emission Reduction Credits										Continuation Sheet(s)	
Emission Source											
Proposed Project Description											
Contaminant Emissions Increase Data											
CAS Number		Contaminant Name						Project Emission Potential (lbs/yr)			
Statement of Compliance											
All facilities under the ownership of this "owner/firm" are operating in compliance with all applicable requirements and state regulations including any compliance certification requirements under Section 114(a)(3) of the Clean Air Act Amendments of 1990, or are meeting the schedule of a consent order.											
Source of Emission Reduction Credit - Facility											
Name								Permit ID			
								- /			
Location Address											
City/ Town / Village						State			Zip		
Emission Source		CAS Number		Contaminant Name				ERC (lbs/yr)			
								Netting		Offset	

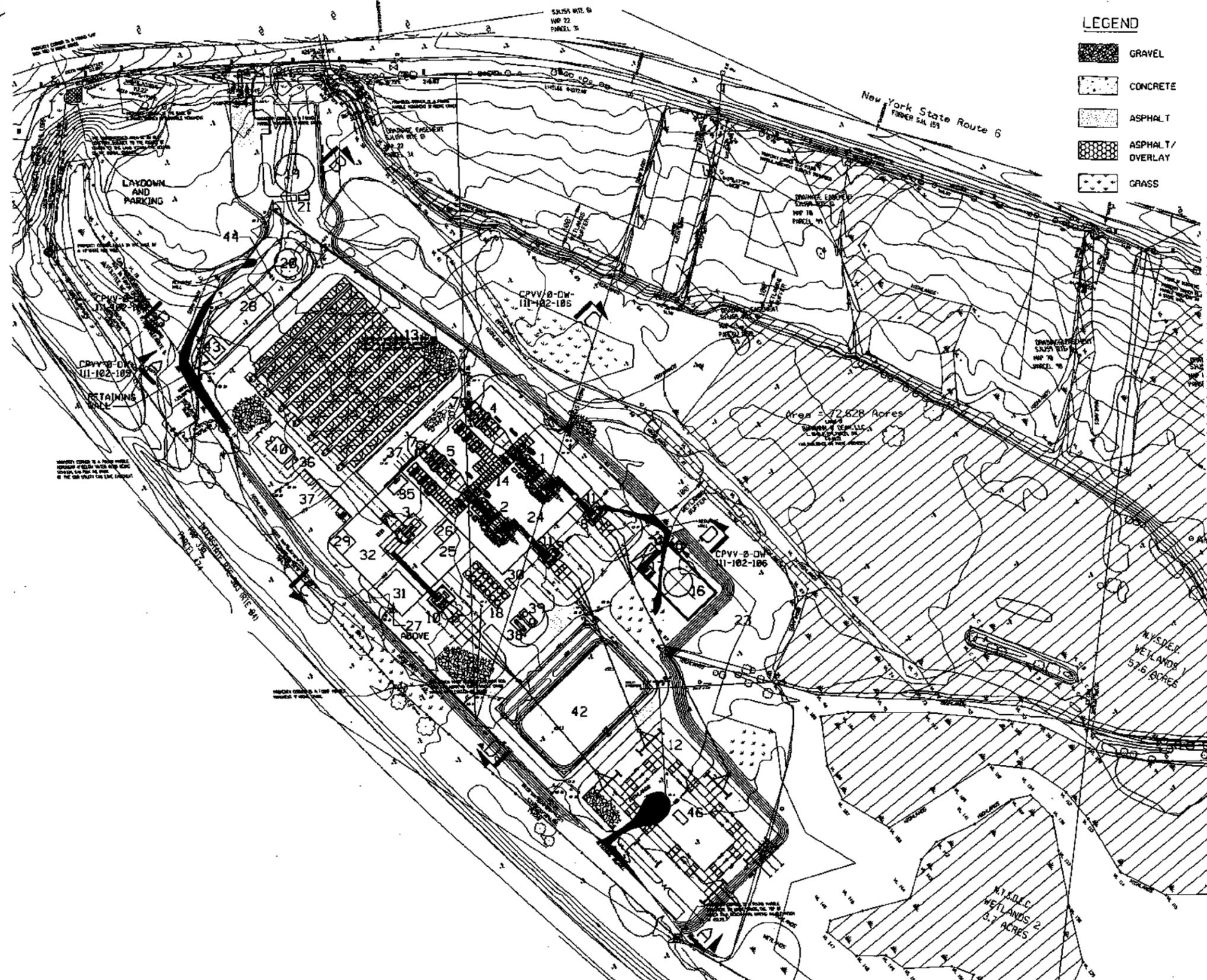
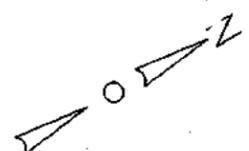
**New York State Department of Environmental Conservation  
Air Permit Application**



**Department of  
Environmental  
Conservation**

DEC ID											
3	-	3	3	5	6	-	0	0	1	3	6

<b>Supporting Documentation and Attachments</b>	
<b>Required Supporting Documentation</b>	<b>Date of Document</b>
List of Exempt Activities (attach form)	
× Plot Plan	11/2008
Process Flow Diagram	
Methods Used to Determine Compliance (attach form)	
Emissions Calculations	
<b>Optional Supporting Documentation</b>	<b>Date of Document</b>
Air Quality Model	
Confidentiality Justification	
Ambient Air Quality Monitoring Plan or Reports	
Stack Test Protocol	
Stack Test Report	
Continuous Emissions Monitoring Plan	
Lowest Achievable Emission Rate (LAER) Demonstration	
Best Available Control Technology (BACT) Demonstration	
Reasonably Available Control Technology (RACT) Demonstration	
Toxic Impact Assessment (TIA)	
Environmental Rating Demonstration	
Operational Flexibility Protocol/Description of Alternate Operating Scenarios	
× Title IV Permit Application	01/2018
Emission Reduction Credit (ERC) Quantification (attach form)	
Baseline Period Demonstration	
Use of Emission Reduction Credits (attach form)	
Analysis of Contemporaneous Emissions Increase/Decrease	
<b>Other Supporting Documentation</b>	<b>Date of Document</b>



- LEGEND**
- 1 GRAVEL
  - 2 CONCRETE
  - 3 ASPHALT
  - 4 ASPHALT/OVERLAY
  - 5 GRASS
- EQUIPMENT DESCRIPTION**
- 1 CTG #1
  - 2 CTG #2
  - 3 STG
  - 4 HRSG #1
  - 5 HRSG #2
  - 6 NOT USED
  - 7 HRSG STACK
  - 8 GSU TRANSFORMER #1
  - 9 GSU TRANSFORMER #2
  - 10 GSU TRANSFORMER #3
  - 11 AUXILIARY TRANSFORMER
  - 12 SWITCHYARD
  - 13 AIR COOLED CONDENSER
  - 14 PIPE RACK
  - 15 TRUCK UNLOADING AREA
  - 16 FUEL OIL TANK
  - 17 FUEL OIL PUMPS
  - 18 AUXILIARY FIN-FAN COOLER
  - 19 RECALMER FIRE WATER STG TK (1,000,000 GAL)
  - 20 DEMINERALIZED WATER TK (400,000 GAL)
  - 21 FIRE WATER PUMP BUILDING
  - 22 WTR TRT LV SWITCHGEAR & XFMR
  - 23 AQUEOUS AMMONIA TANK & PUMPS
  - 24 COMBUSTION TURBINE BUILDING
  - 25 ELECTRICAL EQUIPMENT ROOM
  - 26 CONTROL ROOM
  - 27 ADMINISTRATION OFFICES
  - 28 WATER TREATMENT BUILDING
  - 29 MAINTENANCE
  - 30 OILY WATER SEPARATOR
  - 31 WAREHOUSE
  - 32 STEAM TURBINE GENERATOR BUILDING
  - 33 PERIMETER FENCING
  - 34 MAIN PLANT ENTRANCE/GUARD SHACK
  - 35 AUX. BOILER
  - 36 DEW POINT HEATER
  - 37 PLANT PARKING
  - 38 DIESEL GENERATOR
  - 39 DIESEL GENERATOR AUX COOLER
  - 40 NATURAL GAS METER & FILTER AREA
  - 41 NOT USED
  - 42 STORM WATER POND
  - 43 PROCESS WATER SUMP
  - 44 CONDENSATE MAKE-UP PUMPS
  - 45 NOT USED
  - 46 SWITCHYARD CONTROL BLDG.

REV	DATE	DESCRIPTION
H		REMOVED SIEMENS FROM TITLE BLOCK
G		ADDED SIEMENS SITE GROUP IN VIEW OF 2FA REVISION
F		REVISED SWITCHYARD AND ADDED LEGEND
E		UPDATED TO INCORPORATE COMMENTS
D		ADDED ELEVATION REFERENCES
C		GENERAL REVISION
B		OVERALL UPDATE FOR 2FA
J		INCORPORATED COMMENTS

REV	DATE	DESCRIPTION
PRELIMINARY STATUS	DATE	REPRESENTS GENERAL DESIGN CONCEPTS BASED ON ASSUMPTIONS. REVISED NOT CHECKED.
ISSUE	DATE	REPRESENTS DESIGN AND APPROVED DESIGN. ANY PORTION MARKED "VOID" RETAINS PRELIMINARY STATUS.
DESIGNING PERSONNEL	PROFESSIONAL ENGINEER'S SEAL	
DRAWN BY	JEV	
CHECKED BY	JEV	
LEAD DESIGNER	JE VEEN	
ENGINEERING SPECIALIST	JEV	
PROJECT ENGINEERING MANAGER	HN GOLOSTEIN	
PROJECT MANAGER	HN GOLOSTEIN	

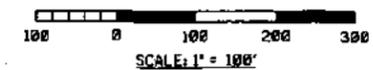
**WorleyParsons**  
resources & energy

CLIENT/PROJECT TITLE  
CPV VALLEY LLC  
CPV VALLEY ENERGY CENTER  
**FIGURE 2-2**

GENERAL ARRANGEMENT  
SITE PLAN  
2x1 COMBINED CYCLE

SCALE: 1" = 100'  
ARCH D (36" x 24")  
CPVV-0-DW-111-002-101 J

CONCEPTUAL DESIGN STUDY  
FOR REVIEW ONLY



**Attachment 2**

**Title IV Acid Rain Permit Renewal Application**



**STEP 3**

**Permit Requirements**

**Read the standard requirements.**

- (1) The designated representative of each affected source and each affected unit at the source shall:
  - (i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in accordance with the deadlines specified in 40 CFR 72.30; and
  - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each affected source and each affected unit at the source shall:
  - (i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
  - (ii) Have an Acid Rain Permit.

**Monitoring Requirements**

- (1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the source or unit, as appropriate, with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

**Sulfur Dioxide Requirements**

- (1) The owners and operators of each source and each affected unit at the source shall:
  - (i) Hold allowances, as of the allowance transfer deadline, in the source's compliance account (after deductions under 40 CFR 73.34(c)), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the affected units at the source; and
  - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
  - (i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or
  - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

**Nitrogen Oxides Requirements**

The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

STEP 3, Cont'd.

**Excess Emissions Requirements**

- (1) The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an affected source that has excess emissions in any calendar year shall:
  - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
  - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

**Recordkeeping and Reporting Requirements**

- (1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
  - (i) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
  - (ii) All emissions monitoring information, in accordance with 40 CFR part 75, provided that to the extent that 40 CFR part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
  - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,
  - (iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (2) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

**Liability**

- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
- (6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit.
- (7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

CPV VAUGHY Energy Center  
Facility (Source) Name (from STEP 1)

**STEP 3, Cont'd.**

**Effect on Other Authorities**

No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
- (2) Limiting the number of allowances a source can hold; provided, that the number of allowances held by the source shall not affect the source's obligation to comply with any other provisions of the Act;
- (3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;
- (4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- (5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

**STEP 4**

**Certification**

**Read the certification statement, sign, and date.**

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name <b>JOHN F BREEN</b>	
Signature 	Date <b>1/22/2018</b>



## Instructions for the Acid Rain Program Permit Application

*The Acid Rain Program requires the designated representative to submit an Acid Rain permit application for each source with an affected unit. A complete Certificate of Representation must be received by EPA before the permit application is submitted to the title V permitting authority. A complete Acid Rain permit application, once submitted, is binding on the owners and operators of the affected source and is enforceable in the absence of a permit until the title V permitting authority either issues a permit to the source or disapproves the application.*

Please type or print. If assistance is needed, contact the title V permitting authority.

**STEP 1** A Plant Code is a 4 or 5 digit number assigned by the Department of Energy's (DOE) Energy Information Administration (EIA) to facilities that generate electricity. For older facilities, "Plant Code" is synonymous with "ORISPL" and "Facility" codes. If the facility generates electricity but no Plant Code has been assigned, or if there is uncertainty regarding what the Plant Code is, send an email to the EIA. The email address is [EIA-860@eia.gov](mailto:EIA-860@eia.gov).

**STEP 2** In column "a," identify each unit at the facility by providing the appropriate unit identification number, consistent with the identifiers used in the Certificate of Representation and with submissions made to DOE and/or EIA. Do not list duct burners. For new units without identification numbers, owners and operators must assign identifiers consistent with EIA and DOE requirements. Each Acid Rain Program submission that includes the unit identification number(s) (e.g., Acid Rain permit applications, monitoring plans, quarterly reports, etc.) should reference those unit identification numbers in exactly the same way that they are referenced on the Certificate of Representation.

### Submission Deadlines

For new units, an initial Acid Rain permit application must be submitted to the title V permitting authority 24 months before the date the unit commences operation. Acid Rain permit renewal applications must be submitted at least 6 months in advance of the expiration of the acid rain portion of a title V permit, or such longer time as provided for under the title V permitting authority's operating permits regulation.

### Submission Instructions

Submit this form to the appropriate title V permitting authority. If you have questions regarding this form, contact your local, State, or EPA Regional Acid Rain contact, or call EPA's Acid Rain Hotline at (202) 343-9620.

### Paperwork Burden Estimate

The public reporting and record keeping burden for this collection of information is estimated to average 8 hours per response. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.