42- 051- 00024

NOT REVIEWED

NOT ENTERED INTO AFS

RRI Energy

121 Champion Way
Canonsburg, PA 15317

Writer's Direct Dial Number
724-597-8219

January 26, 2010

CERTIFIED MAIL

RECEIVED

FEB 01 2010

3AP10

Mr. William Weaver
Regional Air Program Manager
PA Department of Environmental Protection
909 Elmerton Avenue
Harrisburg, PA 17110

Re: Hunterstown Power Plant (Permit Number 01-05029)
Annual Compliance Certification and Semiannual Report

Dear Mr. Weaver:

In accordance with the Hunterstown Power Plant Title V Operating Permit Section B conditions #023 & #024, RRI Energy Wholesale Generation, LLC hereby submits the Annual Compliance Certification and the Semiannual Deviation Report for the facility. RRI conducted the monitoring required by Title V Permit No. 01-05029 during the reporting period and is identifying deviations in the attached Compliance Certification Forms. This submission is comprised of the following attachments:

A. Semiannual Monitoring Report
B. Annual Compliance Certification

The compliance status for conditions referencing continuous emission monitoring (CEMS) systems as the means of determining compliance will only use the 25 PA Code, Chapter 139 data. The compliance status will be indicated as "intermittent" where the company has information to indicate that the subject limitation has been exceeded using the 25 PA Code, Chapter 139 emissions monitoring data.

If you have any questions concerning this matter, please contact me.

Sincerely,

B. W. G

Brian W. Green
Air Quality Specialist

AIR\2-Stations\Hunterstown\Reports and submittals to DEP\Annual and Semiannual reports\2009 Annual

cc: US. EPA Region III - Enforcement Program Section (3AP10)
Roger Fitterling (PaDEP Reading District Office)

ATTACHMENT A

Semiannual Monitoring Report

July 1, 2008 through December 31, 2008

RRI ENERGY, INC.
SEMI-ANNUAL REPORT OF REQUIRED MONITORING AND DEVIATIONS PER 25 PA CODE §127.511(c)

RRI Energy Subsidiary Name:	RRI Energy Wholesale Generation	**Contact Person:**	Brian W. Green
Plant Name:	Hunterstown Power Station	**Title:**	Air Quality Specialist
Title V Operating Permit #:	01-05029	**Phone # and Email:**	724-597-8219 bgreen@rrienergy.com
Reporting Period Start:	7/1/09	**Reporting Period End:**	12/31/09

PART I **The reports of required monitoring are attached to this form. A list of the reports of required monitoring is presented below:**

TVOP Cond. #	Report Description
Section B, #024	Annual Compliance Certification

PART II **A summary of deviations from permit requirements is presented below [1]:**

TVOP Cond. #	Source	Deviations from Permit Requirements				
		Nature and Probable Cause	Dates and Times	Duration	Monitoring Method(s)	Corrective Action(s)
§C, #017	SG03	Prior to issuance of the TVOP for Hunterstown, Source Group 03 (SG03 – simple cycle turbines) operated under a SOOP and paid an annual operating fee instead of paying based on actual emissions. RRI believed that the annual operating fee payment applied for operations in CY2008 (no Title V Permit). Through discussions with PaDEP it was decided that payment on CY2008 emissions was the 2009 emissions payment and since the Title V was in effect the fee was due. Late payment submitted 11/19/08.	9/1/09 through 11/19/09	Two months and 19 days	Annual Emissions Inventory and SOOP annual operating fee	Late payment submitted 11/19/09 with PaDEP calculated interest

1: For constituents measured by continuous emission monitoring systems (CEMS), compliance with permit conditions is determined using the emissions data submitted to the Department in accordance with 25 Pa. Code 139 requirements. Information regarding specific instances of deviations, if any, is included in the CEMS monitoring data reports that are submitted to the DEP on a quarterly basis.

RRI ENERGY, INC.
SEMI-ANNUAL REPORT OF REQUIRED MONITORING AND DEVIATIONS PER 25 PA CODE §127.511(c)

RRI Energy Subsidiary Name:	RRI Energy Wholesale Generation	**Contact Person:**	Brian W. Green
Plant Name:	Hunterstown Power Station	**Title:**	Air Quality Specialist
Title V Operating Permit #:	01-05029	**Phone # and Email:**	724-597-8219
Reporting Period Start:	7/1/09	**Reporting Period End:**	12/31/09

PART III Certification of Truth, Accuracy and Completeness by a Responsible Official Per 25 Pa. Code §127.402(d)

Subject to the penalties of Title 18 Pa. C.S. Section 4904 and 35 P.S. Section 4009 (b) (2), I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate, and complete.

Name:	Matt E. Greek	**Title:**	Vice President
Signed:	Matt E. Greek	**Date:**	1-26-2010

This report must be signed by a responsible official. The owner/operator shall identify any other material information needed in this report to also comply with section 113(c)(2) of the Clean Air Act. This report does not include information pertaining to the submission of malfunction and CEM reports.

1: For constituents measured by continuous emission monitoring systems (CEMS), compliance with permit conditions is determined using the emissions data submitted to the Department in accordance with 25 Pa. Code 139 requirements. Information regarding specific instances of deviations, if any, is included in the CEMS monitoring data reports that are submitted to the DEP on a quarterly basis.

ATTACHMENT B

Annual Compliance Certification

January 1, 2009 through December 31, 2009

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY
COMPLIANCE CERTIFICATION FORM
(25 Pa. Code § 127.513)

Plant Name:	RRI ENERGY WHOLESALE GEN LLC/HUNTERSTOWN PLT	**Owner/Operator:**	RRI ENERGY WHOLESALE GENERATION LLC
Tax ID/Plant:	20-1253947-1	**DEP Facility ID:**	651965
Contact Person:	BRIAN GREEN	**Title:**	AIR QUALITY SPECIALIST
Operating Permit #:	01-05029	**Phone Number:**	(724) 597-8219

For the period **01/01/2009 - 12/31/2009, RELIANT ENERGY WHOLESALE GEN LLC/HUNTERSTOWN PLT** has been in continuous compliance with all applicable requirements of permit # **01-05029**, determined by the method(s) of compliance specified in said permit, except for the following deviations, exceedances and excursions:

Sect./ Cond. #	Citation #	Source	Noncompliance	Monitoring Method(s)	Date	Duration	Corrective Action(s)
§B, #007	25 Pa. Code §127.512	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below
§C, #017	25 Pa. Code §135.3	SG03	Prior to issuance of the TVOP for Hunterstown, Source Group 03 (SG03 – simple cycle turbines) operated under a SOOP and paid an annual operating fee instead of paying based on actual emissions. RRI believed that the annual operating fee payment applied for operations in CY2008 (no Title V Permit). Through discussions with PaDEP it was decided that payment on CY2008 emissions was the 2009 emissions payment and since the Title V was in effect the fee was due. Late payment submitted 11/19/08.	Annual Emissions Inventory	3/1/09	Late payment submitted 11/19/09 with PaDEP calculated interest	Late payment submitted and RRI will pay emissions fees for all sources covered by the Title V Permit by March 1, for the preceding year, going forward.
§E, SG01, #002	25 Pa. Code §127.205	301	During shutdown unit was held at 45MW for a prolonged time period, resulting in an exceedance of 31 lbs/hr NOx shutdown emissions limit.	CEM/DAHS	4/6/09	Exceedance of 1 hour block average	Shorter shutdown cycle is being conducted at Hunterstown.

Certification of Truth, Accuracy and Completeness

Subject to the penalties of Title 18 Pa. C.S. Section 4904 and 35 P.S. Section 4009 (b) (2), I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate, and complete.

Name:	Matt E. Greek	**Title:**	Vice President
Signed:	Matt E. Greek	**Date:**	1-26-2010

This certification must be signed by a responsible official. Any certification submitted without a valid signature will be returned.
The owner/operator shall identify any other material information needed in this certification to also comply with section 113(c)(2) of the Clean Air Act. If more spaces are needed, complete additional pages using the format shown in Addendum 1. This certification does not replace requirements pertaining to the submission of malfunction and CEM reports. DO NOT include that information on this form.

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY
COMPLIANCE CERTIFICATION FORM
(25 Pa. Code § 127.513)

ADDENDUM 1

For the period **00/00/0000 - 00/00/0000**, **RELIANT ENERGY WHOLESALE GEN LLC/HUNTERSTOWN PLT** has been in continuous compliance with all applicable requirements of permit # **01-05029**, determined by the method(s) of compliance specified in said permit, except for the following deviations, exceedances and excursions:

Sect./Cond. #	Citation #	Source	Noncompliance	Monitoring Method(s)	Date	Duration	Corrective Action(s)

Certification of Continuous or Intermittent Compliance
01-05029 - RELIANT ENERGY WHOLESALE GEN LLC/HUNTERSTOWN PLT

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503] (Permit Renewal)	Section B, Condition #004	(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air M...	TVOP was issued January 8, 2009 and is set to expire January 31, 2014.	☒Continuous ☐Intermittent
[25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA] (Inspection and Entry)	Section B, Condition #006	(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following: (1) Enter at reasonable times upo...	Following are the dates, the names of DEP representatives, and the reason for inspection in which access was granted in 2009: 6/8/09 Kim Snook conducted a site visit for water supply inspection. 9/16/09 Ranjan Roy site visit to discuss amending Title V Permit	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)] (Compliance Requirements)	Section B, Condition #007	(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following: (1) Enforcement action (2) Permit termination, revocation...	On April 6, 2009 Unit 101 exceeded it's shutdown NOx emission limits. Ref. Combustion Turbine 301...Section D #002	☐Continuous ☒Intermittent
[25 Pa. Code §§ 127.411(d) & 127.512(c)(5)] (Duty to Provide Information)	Section B, Condition #009	(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. (b) Upon request, the ...	The Department did not request information during this report period.	☒Continuous ☐Intermittent
[25 Pa. Code § 127.541] (Significant Operating Permit	Section B, Condition #012	When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for	No significant Title V permit modifications were required during this report period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
Modifications)		significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.		
[25 Pa. Code §§ 127.704, 127.705 & 127.707] (Fee Payment)	Section B, Condition #016	(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees). (b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual...	Environmental tickler system utilized for due dates, accounting records for proof of payment; $3,940.38 paid on 8/26/09 for the combined cycle units and $949.99 paid on November 19, 2009 for the simple cycle units.	☐Continuous ☒Intermittent
[25 Pa. Code §§ 127.14(b) & 127.449] (Authorization for De Minimis Emission Increases)	Section B, Condition #017	(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written ...	No de minimis increases during the report period.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.11a & 127.215] (Reactivation of Sources)	Section B, Condition #018	(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source wil...	No sources were reactivated during the certification period.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 121.9 & 127.216] (Circumvention)	Section B, Condition #019	(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction,...	No projects in circumvention of NSR requirements in certification period.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.402(d) & 127.513(1)] (Submissions)	Section B, Condition #020	(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the: Regional Air Program Manager PA Department of Environmental Protection (At the address given on the permit transmittal letter, or otherwise notified) (b) Any repor...	Required reports submitted to PADEP and EPA.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.441(c) &	Section B, Condition #021	(a) The permittee shall perform the emissions monitoring and	PADEP approved CEMs/DAHS in place,	☒Continuous ☐Intermittent

Certification of Continuous or Intermittent Compliance
01-05029 - RELIANT ENERGY WHOLESALE GEN LLC/HUNTERSTOWN PLT

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA] (Sampling, Testing and Monitoring Procedures)		analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable re...	PADEP's Continuous Source Monitoring Manual, CEMS QA/QC program. The Gas CEMs RATA was performed July of 2009.	
[25 Pa. Code §§ 127.511 & Chapter 135] (Recordkeeping Requirements)	Section B, Condition #022	(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following: (1) The date, place (as defined in the permit) and time of sampling or measurements. (2) The dates the analyses were performed. ...	Reports of required monitoring maintained.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)] (Reporting Requirements)	Section B, Condition #023	(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean ...	Required monitoring reports submitted.	☒Continuous ☐Intermittent
[25 Pa. Code § 127.513] (Compliance Certification)	Section B, Condition #024	(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, includi...	Title V Permit issued January of 2009. This report is the first required compliance certification for the Hunterstown Facility.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68] (Risk Management)	Section B, Condition #026	(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site S...	Environmental files, documentation, and plant records. RMP plan completed and submitted, update submitted May 2008.	☒Continuous ☐Intermittent
[25 Pa. Code §123.1] (Prohibition of certain fugitive emissions)	Section C - I. Restrictions - Emission Restriction(s), Condition #001	The permittee shall not allow the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than the following: (a) Construction or demolition of buildings or structures.	Records of weekly inspections around plant periphery conducted and maintained per Section C #012 of the Title V Permit.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
		(b) Grading, paving, and maintenance of roads and streets. (c) Use of roads and streets...		
[25 Pa. Code §123.2] (Fugitive particulate matter)	Section C - I. Restrictions - Emission Restriction(s), Condition #002	The permittee shall not allow the emission of fugitive particulate matter into the outdoor atmosphere from a source specified in Section C, Condition #001(a)-(g), if the emissions are visible at the point the emissions pass outside the permittee's property.	Weekly inspections, Preventive maintenance program, Operations Awareness.	☒Continuous ☐Intermittent
[25 Pa. Code §123.31] (Limitations)	Section C - I. Restrictions - Emission Restriction(s), Condition #003	The permittee shall not allow the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the permittee's property.	Inspections, Operations Awareness, records on weekly inspection form.	☒Continuous ☐Intermittent
[25 Pa. Code §123.41] (Limitations)	Section C - I. Restrictions - Emission Restriction(s), Condition #004	(a) The permittee shall not allow the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following: (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any one hour. (2)...	Records of weekly inspections around plant periphery conducted and maintained per Section C #012 of the Title V Permit. No observed deviations.	☒Continuous ☐Intermittent
[25 Pa. Code §123.42] (Exceptions)	Section C - I. Restrictions - Emission Restriction(s), Condition #005	The emission limitations of Section C, Condition #004, and Section E (Group SG01), Condition #003, shall not apply when: (a) The presence of uncombined water is the only reason for failure of the emission to meet the limitations. (b) The emission results from the operation of equipment used solely...	Records of weekly inspections around plant periphery conducted and maintained per Section C #012 of the Title V Permit.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - I. Restrictions - Emission Restriction(s)), Condition #006	[Additional authority for this plan approval condition is also derived from Plan Approval No. 01-05029] The permittee shall limit the facility's (excluding the three simple cycle turbines) annual emissions to less than the following thresholds during any consecutive 12-month period: (a) 340 tons ...	Records of emissions for consecutive 12-month periods maintained, Annual Air Emission Inventory.	☒Continuous ☐Intermittent
[25 Pa. Code §129.14] (Open burning operations)	Section C - I. Restrictions - Emission Restriction(s),	(a) The permittee shall not allow the open burning of material on the permittee's property in a manner such that: (1) The emissions are visible, at any time, at the point such	Facility policy prohibits open burning, except for the purpose of instructing personnel in fire fighting.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained In the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
	Condition #007	emissions pass outside the permittee's property. (2) Malodorous air contaminants from the open burning are detectable ...		
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - II. Testing Requirements, Condition #008	The Department reserves the right to require exhaust stack testing of the sources referenced in this operating permit to measure emissions for purposes including verification of permit condition compliance and estimation of annual air emissions.	Annual Gas RATA conducted in July of 2009. No other emissions testing was required in 2009.	☒Continuous ☐Intermittent
[25 Pa. Code §139.1] (Sampling facilities.)	Section C - II. Testing Requirements, Condition #009	Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. In the request, the Department will set forth the time period in which the facilities shall be provi...	Testing access and platforms are available and used by the facility and contracted personnel.	☒Continuous ☐Intermittent
[25 Pa. Code §139.11] (General requirements.)	Section C - II. Testing Requirements, Condition #010	(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department. ...	PADEP approved CEMs/DAHS in place, operating data, and RATA report.	☒Continuous ☐Intermittent
[25 Pa. Code §123.43] (Measuring techniques)	Section C - III. Monitoring Requirements, Condition #011	Visible emissions may be measured using either of the following: (a) A device approved by the Department and maintained to provide accurate opacity measurements (e.g. Continuous Opacity Monitor). (b) Observers trained and certified in EPA Reference Method 9 to measure plume opacity with the naked ...	EPA Reference Method 9 certified observer employed by the facility.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - III. Monitoring Requirements, Condition #012	The permittee shall conduct a weekly inspection around the plant periphery (excluding the simple cycle facility) during daylight hours on days when the plant is in operation (power production) to detect visible emissions, fugitive particulate matter emissions, and malodorous air contaminants. In th...	Records of weekly inspections maintained at facility.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - IV. Recordkeeping Requirements, Condition #013	The permittee shall maintain records of the weekly inspections referenced in Section C, Condition #012. The records shall include, at a minimum, the following information: (a) The name of the company representative monitoring each inspection.	Records of weekly inspections maintained at facility. Inspection records include required information.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
		(b) The date and time of each inspection. (c) The win...		
[25 Pa. Code §135.5] (Recordkeeping)	Section C - IV. Recordkeeping Requirements, Condition #014	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The permittee shall, at a minimum, maintain the following records for the facility: (a) Monthly fuel consumption. (b) Fuel consumption during each consecutive 12-month period. (c) Monthly emission...	PADEP approved CEMs/DAHS, Annual Air Emissions Inventory Statements, Environmental files, documentation, and plant records.	☒Continuous ☐Intermittent
[25 Pa. Code §135.5] (Recordkeeping)	Section C - IV. Recordkeeping Requirements, Condition #015	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Records required by this operating permit shall be kept for a minimum period of five years and shall be made available to the Department upon its request.	Environmental files and plant records and organization retention policy.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - V. Reporting Requirements, Condition #016	The permittee shall report each malfunction that poses an imminent and substantial danger to the public health and safety or the environment or which it should reasonable believe may result in citizen complaints to the Department that occurs at this Title V facility. For purposes of this condition,...	No malfunctions occurred in 2009.	☒Continuous ☐Intermittent
[25 Pa. Code §135.3] (Reporting)	Section C - V. Reporting Requirements, Condition #017	(a) An annual air emissions report for a given calendar year is due no later than March 1 of the following year and shall be submitted to the Air Quality District Supervisor at the following address, unless otherwise specified: PA DEP York District Office Air Quality Program 150 Roosevelt Avenue Yo...	Annual Air Emissions Inventory, correspondence with PaDEP in regards to SOOP annual operating fee payment. Late payment submitted 11/19/09.	☐Continuous ☒Intermittent
[25 Pa. Code §123.1] (Prohibition of certain fugitive emissions)	Section C - VI. Work Practice Standards, Condition #018	The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne from any source specified in Section C, Condition #001(a)-(g). These actions shall include, but not be limited to, the following: (a) Use, where possible, of water or chemicals for control of dust ...	Records of weekly inspections around plant periphery conducted and maintained per Section C #012 of the Title V Permit. No observed deviations.	☒Continuous ☐Intermittent

Certification of Continuous or Intermittent Compliance
01-05029 - RELIANT ENERGY WHOLESALE GEN LLC/HUNTERSTOWN PLT

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - VI. Work Practice Standards, Condition #019	The permittee shall operate and maintain all sources and any air cleaning devices identified in this operating permit in accordance with the manufacturer's recommendations/specifications, as well as in a manner consistent with good operating practices.	PADEP approved CEMs/DAHS in place, operating data, and RATA report. Ammonia monitoring conducted per PaDEP accepted NH3 emissions calculation to determine SCR catalyst efficiency and effectiveness.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - VII. Additional Requirements, Condition #020	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The following table summarizes the potential emissions from maximum operation of the combined cycle portion of the electric generating facility according to the original plan approval application submit...	PADEP approved CEMs/DAHS, Annual Air Emissions Inventory Statements, Environmental files, documentation, and plant records.	☒Continuous ☐Intermittent
031 - AUXILIARY BOILER [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s), Condition #001	The permittee shall not allow the emission of particulate matter into the outdoor atmosphere from the Source ID 031 boiler in excess of 0.4 pound per million BTU of heat input.	PADEP approved CEMs/DAHS, Annual Air Emissions Inventory Statements, Environmental files, documentation, and plant records.	☒Continuous ☐Intermittent
031 - AUXILIARY BOILER [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s), Condition #002	The permittee shall not allow the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the Source ID 031 boiler in excess of four (4) pounds per million BTU of heat input over any one (1) hour period. [Compliance with the requirement(s) specified in this streamlined permit ...	PADEP approved CEMs/DAHS, Annual Air Emissions Inventory Statements, Environmental files, documentation, and plant records.	☒Continuous ☐Intermittent
031 - AUXILIARY BOILER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s), Condition #003	The permittee shall operate Source ID 031 using natural gas fuel only.	Fuel meter records and fuel supplier certifications.	☒Continuous ☐Intermittent
031 - AUXILIARY BOILER [25 Pa. Code	Section D - IV. Recordkeeping Requirements,	The permittee shall record and maintain records of the monthly fuel usage for the Source ID 031 boiler. The permittee shall retain these records for a minimum of five (5) years and shall	Fuel meter records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§127.441] (Operating permit terms and conditions.)	Condition #004	make them available to the Department upon its request. [Compliance with the record keeping requirements specif...		
031 - AUXILIARY BOILER [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4] (Address.)	Section D - VII. Additional Requirements, Condition #005	[Additional authority for this plan approval condition is also derived from Plan Approval No. 01-05029] Source ID 031 is subject to 40 CFR Part 60, Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. The permittee shall comply with 40 CFR Sec...	Required reports sent to PaDEP and EPA.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.1] (Purpose.)	Section D - I. Restrictions - Emission Restriction(s), Condition #001	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Pursuant to the Best Available Technology (BAT) provisions of 25 Pa. Code Section 127.1, the permittee shall limit the emission of ammonia from each Group SG01 combustion turbine's SCR to 10 ppmv (measu...	PADEP approved CEMs/DAHS and NH3 slip calculation.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.205] (Special permit requirements.)	Section D - I. Restrictions - Emission Restriction(s), Condition #002	Pursuant to the Lowest Achievable Emission Rate (LAER) provisions of 25 PA. Code Section 127.205 for NOx and VOC, and Best Available Control Technology (BACT) provisions of 25 PA Code 127.83 for CO, the Owner or Operator shall limit the emissions from each Group SG01 combustion turbine to the follow...	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown limits.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.205] (Special permit requirements.)	Section D - I. Restrictions - Emission Restriction(s), Condition #003	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Pursuant to the Lowest Achievable Emission Rate (LAER) provisions of 25 Pa. Code Section 127.205, the permittee shall limit the emissions from each Group SG01 combustion turbine to the following: (a) ...	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown, Source Monitoring Manual, CEMS QA/QC program. Emission Factors and calculations for VOC	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit	Section D - I. Restrictions - Emission Restriction(s), Condition #004	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The emission levels in Conditions #001, #005 and #006, below, apply at all times except during periods of startup, combustion turbine run back and shutdown (when the combustion turbine	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown.	☒Continuous ☐Intermittent

Certification of Continuous or Intermittent Compliance
01-05029 - RELIANT ENERGY WHOLESALE GEN LLC/HUNTERSTOWN PLT

Citation	Permit Section	Terms & Conditions Contained In the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)		load is less than...		
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s), Condition #005	(a) Except during periods of startup, shutdown and combustion turbine runback, the permittee shall not allow the emission into the outdoor atmosphere of visible air contaminants from any of the Group SG01 combustion turbines in such a manner that the opacity of the emission is either of the followin...	Records of weekly inspections around plant periphery conducted and maintained per Section C #012 of the Title V Permit. No observed deviations.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.83] (Adoption of program.)	Section D - I. Restrictions - Emission Restriction(s), Condition #006	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Pursuant to the Best Available Control Technology (BACT) provisions of 25 Pa. Code Section 127.83, the permittee shall limit the emissions from each Group SG01 combustion turbine to the following: (a) ...	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown, Source Monitoring Manual, CEMS QA/QC program. Emission Factors and calculations for SO2, PM, and H2SO4.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.333] (Standard for sulfur dioxide.)	Section D - I. Restrictions - Emission Restriction(s), Condition #007	The permittee shall comply with one of the following: (a) Sulfur dioxide (SO2) shall not be discharged into the atmosphere from any Group SG01 turbine in excess of 0.015 percent by volume at 15 percent oxygen and on a dry basis. (b) Natural gas shall not be burned in any Group SG01 turbine having...	PADEP approved CEMs/DAHS and AP-42 natural gas combustion emission factor. Natural Gas analysis reports from gas supplier.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s), Condition #008	The permittee shall operate each Group SG01 combustion turbine and associated duct burner using natural gas fuel only.	Fuel meter records and fuel supplier certifications.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER	Section D - I. Restrictions - Throughput	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029]	PADEP approved CEMs/DAHS monitoring duct burner operating time	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Restriction(s), Condition #009	The permittee shall limit the total amount of natural gas combusted in the Group SG01 combustion turbines' duct burners to 3,126 million cubic feet, or less, during any consecutive 12-month period. The...	and fuel monitor records.	
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements, Condition #010	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The permittee shall measure and record the following parameters continuously while operating for each of the Group SG01 combustion turbine's SCR system: (a) Catalyst bed inlet gas temperature. (b) A...	Parameters measured continuously maintained in operating records.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §139.101] (General requirements.)	Section D - III. Monitoring Requirements, Condition #011	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Continuous emission monitoring systems (CEMS) for the monitoring of NOx, CO, and oxygen must be approved by the Department and installed, operated, and maintained in accordance with the requirements of ...	PADEP approved CEMs/DAHS, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC program. The Gas CEMs RATA was performed July of 2009.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §139.101] (General requirements.)	Section D - III. Monitoring Requirements, Condition #012	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] (a) Certification of the CEMS (NOx and CO ppm @ 15% oxygen) shall be determined using Revision 6 of the Department's Continuous Source Monitoring Manual (CSMM) as specified in the permittee's Phase I C...	PADEP approved CEMs/DAHS, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC program. The Gas CEMs RATA was performed July of 2009.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements, Condition #013	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The permittee shall record the duration of each startup, shutdown, combustion turbine run back, and startup trip event, including the date and times of each event. Air emissions of the non-monitored po...	PADEP approved CEMs/DAHS and operating logs.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.441]	Section D - V. Reporting Requirements, Condition #014	The permittee shall submit quarterly electronic reports postmarked no later than the 30th day following the end of each calendar quarter, to the DEP Continuous Emission Monitoring group. These quarterly electronic reports shall be in the format specified by the applicable DEP Continuous Source Moni...	All EDRs submitted on-time and deemed complete and without errors by the Department.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
(Operating permit terms and conditions.)				
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements, Condition #015	The permittee shall submit reports of excess emissions and monitor downtime in accordance with 40 CFR Section 60.7(c). Excess emissions shall be reported for all periods of Group SG01 combustion turbine operation, including startup, shutdown and malfunction. For the purpose of reports required und...	PADEP approved CEMs/DAHS, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC program. Alarms and reports generated by DAHS.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards, Condition #016	To minimize visible emissions from the Group SG01 combustion turbines during periods of startup and shutdown as defined in Condition #002, above, the permittee shall commence the ammonia flow for the SCR system as soon as the SCR evaporator and catalyst bed temperatures reach the minimum operating t...	PADEP approved CEMs/DAHS, defined NH3 flow permissive in system logic, operations monitoring.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements, Condition #017	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbine/HRSG units are subject to the Title IV Acid Rain Program of the Clean Air Act Amendments of 1990 and shall comply with all applicable provisions of that Title, to inclu...	Compliant with regulation.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements, Condition #018	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Department reserves the right to use the CEM data, stack test results, and the operating parameters determined during optimization of the Group SG01 combustion turbines and their associated SCRs for...	CEM data, stack test results, emission inventories, and emission factors used to establish emission rates are supplied to the Department and maintained by RRI.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [25 Pa. Code §145.4.] (Applicability.)	Section D - VII. Additional Requirements, Condition #019	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbines are subject to the NOx Budget Program established in 25 Pa. Code Chapter 145 and shall comply with all applicable requirements.	NOx Budget Program replaced by CAIR.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4] (Address.)	Section D - VII. Additional Requirements, Condition #020	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbines are subject to 40 CFR Part 60, Subpart GG - Standards of Performance for Stationary Gas Turbines. The permittee shall comply with 40 CFR Section 60.4, which requires ...	All applicable communications have been sent to EPA.	☒Continuous ☐Intermittent
101 - COMBUSTION TURBINE 101 W/ DUCT BURNER [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4] (Address.)	Section D - VII. Additional Requirements, Condition #021	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbines' respective duct burners are subject to 40 CFR Part 60, Subpart Da - Standards of Performance for Electric Utility Steam Generating Units. The permittee shall comply ...	All applicable communications have been sent to EPA.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.1] (Purpose.)	Section D - I. Restrictions - Emission Restriction(s), Condition #001	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Pursuant to the Best Available Technology (BAT) provisions of 25 Pa. Code Section 127.1, the permittee shall limit the emission of ammonia from each Group SG01 combustion turbine's SCR to 10 ppmv (measu...	PADEP approved CEMs/DAHS and NH3 slip calculation.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.205] (Special permit requirements.)	Section D - I. Restrictions - Emission Restriction(s), Condition #002	Pursuant to the Lowest Achievable Emission Rate (LAER) provisions of 25 PA. Code Section 127.205 for NOx and VOC, and Best Available Control Technology (BACT) provisions of 25 PA Code 127.83 for CO, the Owner or Operator shall limit the emissions from each Group SG01 combustion turbine to the follow...	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown limits.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.205] (Special permit requirements.)	Section D - I. Restrictions - Emission Restriction(s), Condition #003	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Pursuant to the Lowest Achievable Emission Rate (LAER) provisions of 25 Pa. Code Section 127.205, the permittee shall limit the emissions from each Group SG01 combustion turbine to the following:	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown, Source Monitoring Manual, CEMS QA/QC program. Emission Factors and calculations for VOC	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
		(a) ...		
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s), Condition #004	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The emission levels in Conditions #001, #005 and #006, below, apply at all times except during periods of startup, combustion turbine run back and shutdown (when the combustion turbine load is less than...	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s), Condition #005	(a) Except during periods of startup, shutdown and combustion turbine runback, the permittee shall not allow the emission into the outdoor atmosphere of visible air contaminants from any of the Group SG01 combustion turbines in such a manner that the opacity of the emission is either of the followin...	Records of weekly inspections around plant periphery conducted and maintained per Section C #012 of the Title V Permit. No observed deviations.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.83] (Adoption of program.)	Section D - I. Restrictions - Emission Restriction(s), Condition #006	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Pursuant to the Best Available Control Technology (BACT) provisions of 25 Pa. Code Section 127.83, the permittee shall limit the emissions from each Group SG01 combustion turbine to the following: (a) ...	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown, Source Monitoring Manual, CEMS QA/QC program. Emission Factors and calculations for SO2, PM, and H2SO4.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.333] (Standard for sulfur dioxide.)	Section D - I. Restrictions - Emission Restriction(s), Condition #007	The permittee shall comply with one of the following: (a) Sulfur dioxide (SO2) shall not be discharged into the atmosphere from any Group SG01 turbine in excess of 0.015 percent by volume at 15 percent oxygen and on a dry basis. (b) Natural gas shall not be burned in any Group SG01 turbine having...	PADEP approved CEMs/DAHS and AP-42 natural gas combustion emission factor. Natural Gas analysis reports from gas supplier.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.441]	Section D - I. Restrictions - Fuel Restriction(s), Condition #008	The permittee shall operate each Group SG01 combustion turbine and associated duct burner using natural gas fuel only.	Fuel meter records and fuel supplier certifications.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
(Operating permit terms and conditions.)				
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Throughput Restriction(s), Condition #009	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The permittee shall limit the total amount of natural gas combusted in the Group SG01 combustion turbines' duct burners to 3,126 million cubic feet, or less, during any consecutive 12-month period. The...	PADEP approved CEMs/DAHS monitoring duct burner operating time and fuel monitor records.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements, Condition #010	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The permittee shall measure and record the following parameters continuously while operating for each of the Group SG01 combustion turbine's SCR system: (a) Catalyst bed inlet gas temperature. (b) A...	Parameters measured continuously maintained in operating records.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §139.101] (General requirements.)	Section D - III. Monitoring Requirements, Condition #011	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Continuous emission monitoring systems (CEMS) for the monitoring of NOx, CO, and oxygen must be approved by the Department and installed, operated, and maintained in accordance with the requirements of ...	PADEP approved CEMs/DAHS, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC program. The Gas CEMs RATA was performed July of 2009.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §139.101] (General requirements.)	Section D - III. Monitoring Requirements, Condition #012	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] (a) Certification of the CEMS (NOx and CO ppm @ 15% oxygen) shall be determined using Revision 6 of the Department's Continuous Source Monitoring Manual (CSMM) as specified in the permittee's Phase I C...	PADEP approved CEMs/DAHS, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC program. The Gas CEMs RATA was performed July of 2009.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and	Section D - IV. Recordkeeping Requirements, Condition #013	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The permittee shall record the duration of each startup, shutdown, combustion turbine run back, and startup trip event, including the date and times of each event. Air emissions of the non-monitored po...	PADEP approved CEMs/DAHS and operating logs.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
conditions.)				
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements, Condition #014	The permittee shall submit quarterly electronic reports postmarked no later than the 30th day following the end of each calendar quarter, to the DEP Continuous Emission Monitoring group. These quarterly electronic reports shall be in the format specified by the applicable DEP Continuous Source Moni...	All EDRs submitted on-time and deemed complete and without errors by the Department.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements, Condition #015	The permittee shall submit reports of excess emissions and monitor downtime in accordance with 40 CFR Section 60.7(c). Excess emissions shall be reported for all periods of Group SG01 combustion turbine operation, including startup, shutdown and malfunction. For the purpose of reports required und...	PADEP approved CEMs/DAHS, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC program. Alarms and reports generated by DAHS.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards, Condition #016	To minimize visible emissions from the Group SG01 combustion turbines during periods of startup and shutdown as defined in Condition #002, above, the permittee shall commence the ammonia flow for the SCR system as soon as the SCR evaporator and catalyst bed temperatures reach the minimum operating t...	PADEP approved CEMs/DAHS, defined NH3 flow permissive in system logic, operations monitoring.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements, Condition #017	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbine/HRSG units are subject to the Title IV Acid Rain Program of the Clean Air Act Amendments of 1990 and shall comply with all applicable provisions of that Title, to inclu...	Compliant with regulation.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements, Condition #018	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Department reserves the right to use the CEM data, stack test results, and the operating parameters determined during optimization of the Group SG01 combustion turbines and their associated SCRs for...	CEM data, stack test results, emission inventories, and emission factors used to establish emission rates are supplied to the Department and maintained by RRI.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [25 Pa. Code §145.4.] (Applicability.)	Section D - VII. Additional Requirements, Condition #019	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbines are subject to the NOx Budget Program established in 25 Pa. Code Chapter 145 and shall comply with all applicable requirements.	NOx Budget Program replaced by CAIR.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4] (Address.)	Section D - VII. Additional Requirements, Condition #020	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbines are subject to 40 CFR Part 60, Subpart GG - Standards of Performance for Stationary Gas Turbines. The permittee shall comply with 40 CFR Section 60.4, which requires ...	All applicable communications have been sent to EPA.	☒Continuous ☐Intermittent
201 - COMBUSTION TURBINE 201 W/ DUCT BURNER [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4] (Address.)	Section D - VII. Additional Requirements, Condition #021	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbines' respective duct burners are subject to 40 CFR Part 60, Subpart Da - Standards of Performance for Electric Utility Steam Generating Units. The permittee shall comply ...	All applicable communications have been sent to EPA.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.1] (Purpose.)	Section D - I. Restrictions - Emission Restriction(s), Condition #001	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Pursuant to the Best Available Technology (BAT) provisions of 25 Pa. Code Section 127.1, the permittee shall limit the emission of ammonia from each Group SG01 combustion turbine's SCR to 10 ppmv (measu...	PADEP approved CEMs/DAHS and NH3 slip calculation.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.205] (Special permit requirements.)	Section D - I. Restrictions - Emission Restriction(s), Condition #002	Pursuant to the Lowest Achievable Emission Rate (LAER) provisions of 25 PA. Code Section 127.205 for NOx and VOC, and Best Available Control Technology (BACT) provisions of 25 PA Code 127.83 for CO, the Owner or Operator shall limit the emissions from each Group SG01 combustion turbine to the follow...	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown limits. NOx shutdown limit exceedance on 4/6/09.	☐Continuous ☒Intermittent
301 - COMBUSTION	Section D - I.	[Additional authority for this permit condition is also derived from	PADEP approved	☒Continuous

Citation	Permit Section	Terms & Conditions Contained In the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.205] (Special permit requirements.)	Restrictions - Emission Restriction(s), Condition #003	Plan Approval No. 01-05029] Pursuant to the Lowest Achievable Emission Rate (LAER) provisions of 25 Pa. Code Section 127.205, the permittee shall limit the emissions from each Group SG01 combustion turbine to the following: (a) ...	CEMs/DAHS and NH3 slip calculation.	☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s), Condition #004	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The emission levels in Conditions #001, #005 and #006, below, apply at all times except during periods of startup, combustion turbine run back and shutdown (when the combustion turbine load is less than...	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown, Source Monitoring Manual, CEMS QA/QC program. Emission Factors and calculations for VOC	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s), Condition #005	(a) Except during periods of startup, shutdown and combustion turbine runback, the permittee shall not allow the emission into the outdoor atmosphere of visible air contaminants from any of the Group SG01 combustion turbines in such a manner that the opacity of the emission is either of the followin...	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.83] (Adoption of program.)	Section D - I. Restrictions - Emission Restriction(s), Condition #006	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Pursuant to the Best Available Control Technology (BACT) provisions of 25 Pa. Code Section 127.83, the permittee shall limit the emissions from each Group SG01 combustion turbine to the following: (a) ...	Records of weekly inspections around plant periphery conducted and maintained per Section C #012 of the Title V Permit. No observed deviations.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.333]	Section D - I. Restrictions - Emission Restriction(s), Condition #007	The permittee shall comply with one of the following: (a) Sulfur dioxide (SO2) shall not be discharged into the atmosphere from any Group SG01 turbine in excess of 0.015 percent by volume at 15 percent oxygen and on a dry basis. (b) Natural gas shall not be burned in any Group SG01 turbine having...	PADEP approved CEMs/DAHS with load ranges and time limits for startup and shutdown, Source Monitoring Manual, CEMS QA/QC program. Emission Factors and calculations for SO2, PM, and H2SO4.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
(Standard for sulfur dioxide.)				
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s), Condition #008	The permittee shall operate each Group SG01 combustion turbine and associated duct burner using natural gas fuel only.	PADEP approved CEMs/DAHS and AP-42 natural gas combustion emission factor. Natural Gas analysis reports from gas supplier.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Throughput Restriction(s), Condition #009	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The permittee shall limit the total amount of natural gas combusted in the Group SG01 combustion turbines' duct burners to 3,126 million cubic feet, or less, during any consecutive 12-month period. The...	Fuel meter records and fuel supplier certifications.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements, Condition #010	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The permittee shall measure and record the following parameters continuously while operating for each of the Group SG01 combustion turbine's SCR system: (a) Catalyst bed inlet gas temperature. (b) A...	PADEP approved CEMs/DAHS monitoring duct burner operating time and fuel monitor records.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §139.101] (General requirements.)	Section D - III. Monitoring Requirements, Condition #011	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] Continuous emission monitoring systems (CEMS) for the monitoring of NOx, CO, and oxygen must be approved by the Department and installed, operated, and maintained in accordance with the requirements of ...	Parameters measured continuously maintained in operating records.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §139.101] (General requirements.)	Section D - III. Monitoring Requirements, Condition #012	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] (a) Certification of the CEMS (NOx and CO ppm @ 15% oxygen) shall be determined using Revision 6 of the Department's Continuous Source Monitoring Manual (CSMM) as specified in the permittee's Phase I C...	PADEP approved CEMs/DAHS, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC program. The Gas CEMs RATA was performed July of 2009.	☒Continuous ☐Intermittent

Certification of Continuous or Intermittent Compliance
01-05029 - RELIANT ENERGY WHOLESALE GEN LLC/HUNTERSTOWN PLT

Citation	Permit Section	Terms & Conditions Contained In the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements, Condition #013	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The permittee shall record the duration of each startup, shutdown, combustion turbine run back, and startup trip event, including the date and times of each event. Air emissions of the non-monitored po...	PADEP approved CEMs/DAHS, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC program. The Gas CEMs RATA was performed July of 2009.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements, Condition #014	The permittee shall submit quarterly electronic reports postmarked no later than the 30th day following the end of each calendar quarter, to the DEP Continuous Emission Monitoring group. These quarterly electronic reports shall be in the format specified by the applicable DEP Continuous Source Moni...	PADEP approved CEMs/DAHS and operating logs.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements, Condition #015	The permittee shall submit reports of excess emissions and monitor downtime in accordance with 40 CFR Section 60.7(c). Excess emissions shall be reported for all periods of Group SG01 combustion turbine operation, including startup, shutdown and malfunction. For the purpose of reports required und...	All EDRs submitted on-time and deemed complete and without errors by the Department.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards, Condition #016	To minimize visible emissions from the Group SG01 combustion turbines during periods of startup and shutdown as defined in Condition #002, above, the permittee shall commence the ammonia flow for the SCR system as soon as the SCR evaporator and catalyst bed temperatures reach the minimum operating t...	PADEP approved CEMs/DAHS, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC program. Alarms and reports generated by DAHS.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements, Condition #017	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbine/HRSG units are subject to the Title IV Acid Rain Program of the Clean Air Act Amendments of 1990 and shall comply with all applicable provisions of that Title, to inclu...	PADEP approved CEMs/DAHS, defined NH3 flow permissive in system logic, operations monitoring.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/	Section D - VII. Additional	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029]	CEM data, stack test results, emission	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
DUCT BURNER [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Requirements, Condition #018	The Department reserves the right to use the CEM data, stack test results, and the operating parameters determined during optimization of the Group SG01 combustion turbines and their associated SCRs for...	inventories, and emission factors used to establish emission rates are supplied to the Department and maintained by RRI.	
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [25 Pa. Code §145.4.] (Applicability.)	Section D - VII. Additional Requirements, Condition #019	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbines are subject to the NOx Budget Program established in 25 Pa. Code Chapter 145 and shall comply with all applicable requirements.	NOx Budget Program replaced by CAIR.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4] (Address.)	Section D - VII. Additional Requirements, Condition #020	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbines are subject to 40 CFR Part 60, Subpart GG - Standards of Performance for Stationary Gas Turbines. The permittee shall comply with 40 CFR Section 60.4, which requires ...	All applicable communications have been sent to EPA.	☒Continuous ☐Intermittent
301 - COMBUSTION TURBINE 301 W/ DUCT BURNER [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4] (Address.)	Section D - VII. Additional Requirements, Condition #021	[Additional authority for this permit condition is also derived from Plan Approval No. 01-05029] The Group SG01 combustion turbines' respective duct burners are subject to 40 CFR Part 60, Subpart Da - Standards of Performance for Electric Utility Steam Generating Units. The permittee shall comply ...	All applicable communications have been sent to EPA.	☒Continuous ☐Intermittent
501 - EMERGENCY DIESEL FIRE PUMP [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s), Condition #001	No person shall permit the emission into the outdoor atmosphere of particulate matter from the source in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic feet.	AP-42 emission factors and operating records.	☒Continuous ☐Intermittent
501 - EMERGENCY DIESEL FIRE PUMP [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s), Condition #002	No person shall permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	AP-42 emission factors and operating records.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
501 - EMERGENCY DIESEL FIRE PUMP [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s), Condition #003	The permittee shall only operate the Group SG02 sources on commercially available No. 2 fuel oil or equivalent.	Operating records, fuel supplier shipment records, and fuel analysis records.	☒Continuous ☐Intermittent
501 - EMERGENCY DIESEL FIRE PUMP [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s), Condition #004	The emergency generator shall not be operated more than 500 hours in a 12 consecutive month period.	Operating records	☒Continuous ☐Intermittent
501 - EMERGENCY DIESEL FIRE PUMP [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements, Condition #005	The permittee shall monitor the total number of hours operated per month for the SG02 sources.	Operating records	☒Continuous ☐Intermittent
501 - EMERGENCY DIESEL FIRE PUMP [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements, Condition #006	The permittee shall maintain records of all fuel oil analysis or fuel oil certifications for each shipment of No. 2 fuel oil received for the most recent five (5) year period. These records shall be made available to the Department upon request.	Fuel supplier shipment records and fuel analysis records.	☒Continuous ☐Intermittent
501 - EMERGENCY DIESEL FIRE PUMP [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements, Condition #007	The permittee shall maintain records of the following operating parameters for the SG02 sources: (1) The total number of hours operated per month. (2) The summation of the previous 12 month hours of operation. (3) Any and all maintenance activities to verify that the sources have been installed, op...	Operating records and record retention policy.	☒Continuous ☐Intermittent
502 - EMERGENCY DIESEL FIRED GENERATOR [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s), Condition #001	No persón shall permit the emission into the outdoor atmosphere of particulate matter from the source in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic feet.	AP-42 emission factors and operating records.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
502 - EMERGENCY DIESEL-FIRED GENERATOR [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s), Condition #002	No person shall permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	AP-42 emission factors and operating records.	☒Continuous ☐Intermittent
502 - EMERGENCY DIESEL-FIRED GENERATOR [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s), Condition #003	The permittee shall only operate the Group SG02 sources on commercially available No. 2 fuel oil or equivalent.	Operating records, fuel supplier shipment records, and fuel analysis records.	☒Continuous ☐Intermittent
502 - EMERGENCY DIESEL-FIRED GENERATOR [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s), Condition #004	The emergency generator shall not be operated more than 500 hours in a 12 consecutive month period.	Operating records	☒Continuous ☐Intermittent
502 - EMERGENCY DIESEL-FIRED GENERATOR [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements, Condition #005	The permittee shall monitor the total number of hours operated per month for the SG02 sources.	Operating records	☒Continuous ☐Intermittent
502 - EMERGENCY DIESEL-FIRED GENERATOR [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements, Condition #006	The permittee shall maintain records of all fuel oil analysis or fuel oil certifications for each shipment of No. 2 fuel oil received for the most recent five (5) year period. These records shall be made available to the Department upon request.	Fuel supplier shipment records and fuel analysis records.	☒Continuous ☐Intermittent
502 - EMERGENCY DIESEL-FIRED GENERATOR [25 Pa. Code	Section D - IV. Recordkeeping Requirements, Condition #007	The permittee shall maintain records of the following operating parameters for the SG02 sources: (1) The total number of hours operated per month.	Operating records and record retention policy.	☒Continuous ☐Intermittent

Certification of Continuous or Intermittent Compliance
01-05029 - RELIANT ENERGY WHOLESALE GEN LLC/HUNTERSTOWN PLT

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§127.441] (Operating permit terms and conditions.)		(2) The summation of the previous 12 month hours of operation. (3) Any and all maintenance activities to verify that the sources have been installed, op...		
601 - GE FRAME 5N TURBINE 1 [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s), Conditions #001	The permittee shall not allow the emission into the outdoor atmosphere of particulate matter from the Group SG03 sources in a manner that the concentration of particulate matter in the effluent gas exceeds 0.029 grain per dry standard cubic foot, as per 25 PA Code 123.13(c)(1)(ii).	AP-42 emission factors and operating records.	☒Continuous ☐Intermittent
601 - GE FRAME 5N TURBINE 1 [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s), Conditions #002	The permittee shall not allow the emission into the outdoor atmosphere of sulfur oxides from the SG03 sources in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	AP-42 emission factors and operating records.	☒Continuous ☐Intermittent
601 - GE FRAME 5N TURBINE 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s), Conditions #003	Total NOx emission from the SG03 sources shall be less than 100 tpy based on a 12 month running total. [Additional authority for this permit condition is derived from operating permit No. 01-02005.]	AP-42 emission factors, operating records, and annual air emissions inventory.	☒Continuous ☐Intermittent
601 - GE FRAME 5N TURBINE 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s), Conditions #004	Compliance with Condition #002 above, shall be ensured with fuel sulfur limit of 0.5 percent weight basis.	Operating records and fuel analysis records	☒Continuous ☐Intermittent
601 - GE FRAME 5N TURBINE 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements, Conditions #005	If the natural gas fuel used in the SG03 sources conforms to the definition of pipeline natural gas, no sulfur content monitoring is required.	Natural gas supplier certifications.	☒Continuous ☐Intermittent
601 - GE FRAME 5N TURBINE 1 [25 Pa. Code §127.441] (Operating permit terms and	Section D - III. Monitoring Requirements, Conditions #006	The permittee shall monitor the fuel oil sulfur limit on a shipment to shipment basis. The sulfur content in the fuel oil shall be monitored from the fuel oil supplier's certification, or by sampling and testing of representative samples.	Fuel oil supplier certifications.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
conditions.)				
601 - GE FRAME 5N TURBINE 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements, Conditions #007	The permittee shall record hours of operation and type of fuel combusted in all SG03 sources on a daily basis. [Additional authority for this permit condition is derived from operating permit No. 01-02005.]	Operating logs	☒Continuous ☐Intermittent
601 - GE FRAME 5N TURBINE 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements, Conditions #008	This source is subject to the NOx Budget Trading Program established in 25 Pa. Code 145.1 through 145.90 and shall comply with all applicable requirements.	Compliant with regulation	☒Continuous ☐Intermittent
602 - GE FRAME 5N TURBINE 2 [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s), Conditions #001	The permittee shall not allow the emission into the outdoor atmosphere of particulate matter from the Group SG03 sources in a manner that the concentration of particulate matter in the effluent gas exceeds 0.029 grain per dry standard cubic foot, as per 25 PA Code 123.13(c)(1)(ii).	AP-42 emission factors and operating records.	☒Continuous ☐Intermittent
602 - GE FRAME 5N TURBINE 2 [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s), Conditions #002	The permittee shall not allow the emission into the outdoor atmosphere of sulfur oxides from the SG03 sources in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	AP-42 emission factors and operating records.	☒Continuous ☐Intermittent
602 - GE FRAME 5N TURBINE 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s), Conditions #003	Total NOx emission from the SG03 sources shall be less than 100 tpy based on a 12 month running total. [Additional authority for this permit condition is derived from operating permit No. 01-02005.]	AP-42 emission factors, operating records, and annual air emissions inventory.	☒Continuous ☐Intermittent
602 - GE FRAME 5N TURBINE 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s), Conditions #004	Compliance with Condition #002 above, shall be ensured with fuel sulfur limit of 0.5 percent weight basis.	Operating records and fuel analysis records	☒Continuous ☐Intermittent
602 - GE FRAME 5N TURBINE 2	Section D - III. Monitoring	If the natural gas fuel used in the SG03 sources conforms to the definition of pipeline natural gas, no sulfur content monitoring is	Natural gas supplier certifications.	☒Continuous ☐Intermittent

Certification of Continuous or Intermittent Compliance
01-05029 - RELIANT ENERGY WHOLESALE GEN LLC/HUNTERSTOWN PLT

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Requirements, Conditions #005	required.		
602 - GE FRAME 5N TURBINE 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements, Conditions #006	The permittee shall monitor the fuel oil sulfur limit on a shipment to shipment basis. The sulfur content in the fuel oil shall be monitored from the fuel oil supplier's certification, or by sampling and testing of representative samples.	Fuel oil supplier certifications.	☒Continuous ☐Intermittent
602 - GE FRAME 5N TURBINE 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements, Conditions #007	The permittee shall record hours of operation and type of fuel combusted in all SG03 sources on a daily basis. [Additional authority for this permit condition is derived from operating permit No. 01-02005.]	Operating logs	☒Continuous ☐Intermittent
602 - GE FRAME 5N TURBINE 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements, Conditions #008	This source is subject to the NOx Budget Trading Program established in 25 Pa. Code 145.1 through 145.90 and shall comply with all applicable requirements.	Compliant with regulation	☒Continuous ☐Intermittent
603 - GE FRAME 5N TURBINE 3 [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s), Conditions #001	The permittee shall not allow the emission into the outdoor atmosphere of particulate matter from the Group SG03 sources in a manner that the concentration of particulate matter in the effluent gas exceeds 0.029 grain per dry standard cubic foot, as per 25 PA Code 123.13(c)(1)(ii).	AP-42 emission factors and operating records.	☒Continuous ☐Intermittent
603 - GE FRAME 5N TURBINE 3 [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s), Conditions #002	The permittee shall not allow the emission into the outdoor atmosphere of sulfur oxides from the SG03 sources in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	AP-42 emission factors and operating records.	☒Continuous ☐Intermittent
603 - GE FRAME 5N TURBINE 3 [25 Pa. Code §127.441] (Operating permit	Section D - I. Restrictions - Emission Restriction(s), Conditions #003	Total NOx emission from the SG03 sources shall be less than 100 tpy based on a 12 month running total. [Additional authority for this permit condition is derived from operating permit No. 01-02005.]	AP-42 emission factors, operating records, and annual air emissions inventory.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)				
603 - GE FRAME 5N TURBINE 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s), Conditions #004	Compliance with Condition #002 above, shall be ensured with fuel sulfur limit of 0.5 percent weight basis.	Operating records and fuel analysis records	☒Continuous ☐Intermittent
603 - GE FRAME 5N TURBINE 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements, Conditions #005	If the natural gas fuel used in the SG03 sources conforms to the definition of pipeline natural gas, no sulfur content monitoring is required.	Natural gas supplier certifications.	☒Continuous ☐Intermittent
603 - GE FRAME 5N TURBINE 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements, Conditions #006	The permittee shall monitor the fuel oil sulfur limit on a shipment to shipment basis. The sulfur content in the fuel oil shall be monitored from the fuel oil supplier's certification, or by sampling and testing of representative samples.	Fuel oil supplier certifications.	☒Continuous ☐Intermittent
603 - GE FRAME 5N TURBINE 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements, Conditions #007	The permittee shall record hours of operation and type of fuel combusted in all SG03 sources on a daily basis. [Additional authority for this permit condition is derived from operating permit No. 01-02005.]	Operating logs	☒Continuous ☐Intermittent
603 - GE FRAME 5N TURBINE 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements, Conditions #008	This source is subject to the NOx Budget Trading Program established in 25 Pa. Code 145.1 through 145.90 and shall comply with all applicable requirements.	Compliant with regulation	☒Continuous ☐Intermittent