



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: January 8, 2014

Effective Date: April 19, 2018

Revision Date: April 19, 2018

Expiration Date: ~~January 31, 2019~~

Revision Type: Modification

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 06-05034

Federal Tax Id - Plant Code: 72-0378240-4

Owner Information

Name: TEXAS EASTERN TRANS LP  
Mailing Address: PO BOX 1642  
HOUSTON, TX 77251-1642

Plant Information

Plant: TEXAS EASTERN TRANS/BECHTELSTVILLE  
Location: 06 Berks County 06971 Washington Township  
SIC Code: 4922 Trans. & Utilities - Natural Gas Transmission

Responsible Official

Name: TOM V WOODEN  
Title: VICE PRESIDENT- OPS NE  
Phone: (617) 560 - 1500

Permit Contact Person

Name: REAGAN M. MAYCES  
Title: EHS MGR.- AIR COMPLIANCE  
Phone: (713) 627 - 4790

[Signature] William R. Weaver  
WILLIAM R. WEAVER, SOUTHCENTRAL REGION AIR PROGRAM MANAGER

Pages 2 – 53 and pages 56-59 fully redacted

**SECTION E Source Group Restrictions.**

Group Name: SG06  
Group Description: Case-by-Case RACT 2 Requirements  
Sources included in this group

**RACT 2 SIP Provisions from Title V Permit  
No. 06-05034 Significant Modification  
issued 04/19/18 (pages 54-55 of permit)**

ID	Name
102	WESTINGHOUSE TURBINE (31903)
103	WESTINGHOUSE TURBINE (31902)
104	G.E. TURBINE (31905)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**VII. ADDITIONAL REQUIREMENTS.****# 001 [25 Pa. Code §129.96]****Applicability**

(a) The permittee shall not permit emissions of NO<sub>x</sub> from the gas turbines in excess of the following. These emission limits apply at all times, including startup and shutdown periods.

(1) Westinghouse W-52 (31902 and 31903) turbines

(i) 116 ppm<sub>dv</sub> each corrected to 15 percent oxygen

(ii) 101 tpy each on a 12-month running total.

(2) General Electric Frame 5 MS 5001 LMD (31905) turbine

(i) 120 ppm<sub>dv</sub> corrected to 15 percent oxygen

(ii) 421 tpy on a 12-month running total.

(b) For Source IDs 102 & 103, the fuel consumption for each turbine shall not exceed 461.4 million standard cubic feet (MMSCF) of natural gas during any consecutive 12-month period.

**SECTION E Source Group Restrictions.**

(c) For Source ID 104, the fuel consumption for the turbine shall not exceed 1,868.5 million standard cubic feet (MMSCF) of natural gas during any consecutive 12-month period.

(d) For Source IDs 102, 103 & 104, the permittee shall not operate each turbine more than 8,000 hours during any consecutive 12-month period.

(e) Once in each 5-year calendar period, the permittee shall conduct, on each of the sources in this group, a Department-approved emissions source test for NO<sub>x</sub> (as NO<sub>2</sub>) emissions that meets the requirements of Chapter 139, Subchapter A (relating to sampling and testing methods and procedures). The test shall be conducted prior to expiration of this permit, or during the applicable heating season determined by the Department. During the four years of each permit cycle when a full source test is not required, the permittee shall annually conduct a portable analyzer compliance verification of NO<sub>x</sub> emissions for each source in this group. Results from source tests or portable analyzer tests shall be submitted to DEP no later 60 calendar days after completion of the on-site testing portion of the emission test program. Test results for NO<sub>x</sub> shall be reported as follows: (1) ppm<sub>dv</sub> as measured; (2) ppm<sub>dv</sub> corrected to 15 percent oxygen; (3) lb/hr; (4) lb/mmmbtu of heat input. All test results shall be retained by the permittee at the test location and provided annually with emission statements and at other times as requested by the Department.

(f) The permittee shall maintain comprehensive and accurate records of the following for each source in this group:

- (1) The number of operating hours on both a monthly and 12-month rolling basis.
- (2) The amount of fuel consumed on both a monthly and 12-month rolling basis.

(g) The permittee shall maintain records including sufficient data and calculations to demonstrate that the RACT emission limitations for nitrogen oxides are met for each source in this group.

(h) All records required by this source group shall be retained by the permittee for 5 years and made available to the Department upon request.

(i) The permittee will maintain and operate each of the sources in this group in accordance with the manufacturer's specifications and with good operating practices. The permittee shall follow a routine and preventive maintenance schedule.

(j) Source ID 104 shall be permanently shut down by no later than January 1, 2024.

\*\*\* **Permit Shield in Effect.** \*\*\*