

# Fact Sheet



## For Final Reopening Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Permit Reopening, and shall be considered a supplement to the original Fact Sheet corresponding with the issuance of the initial Title V operating permit issued on November 14, 2007.

Permit Number: **R30-NGGP-2007-03100002**

Plant Identification Number: **03100002**

Permittee: **Columbia Gas Transmission Corporation**

Facility Name: **Lost River Compressor Station**

Mailing Address: **1700 MacCorkle Ave., S.E., P.O. Box 1273, Charleston WV 25325-1273**

Permit Action Number: *RE01*

Revised: March 23, 2009

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Physical Location:	Mathias, Hardy County, West Virginia
UTM Coordinates:	685.5 km Easting • 4,305.1 km Northing • Zone 17
Directions:	Traveling on I-81 (in VA), take Exit 257 to US Route 11. Take left on US 11 to State Route 259. Travel North on SR 259 to Mathias, WV. Turn right on Upper Cove and travel 1/4 mile toward Basore. Entrance to facility is on the left.

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### Facility Description

Columbia Gas Transmission operates a natural gas compressor station, known as the Lost River Station, located near Mathias in Hardy County, West Virginia. The compressor station employs ten (10) natural gas-fired engines to power the compressor units, including six (6) 1,320 horsepower engines, three (3) 2,700 horsepower engines and one (1) 4,640 horsepower engine. These engines were permitted under R14-0013A. Additional emission sources include two (2) natural gas-fired reciprocating engines/emergency generators, one (1) waste water evaporator, two (2) boilers, and one (1) fuel gas heater, and numerous storage tanks (listed in general permit registration). R14-0013C issued on April 17, 2008 permits the installation of one (1) 4,735 horsepower engine as replacement for two (2) of the six (6) existing 1,320 horsepower engines to be completed by May 1, 2009 and installation of one (1) 1,006 horsepower natural gas-fired reciprocating engine/emergency generator as replacement for the two (2) existing natural gas-fired reciprocating engines/emergency generators. The facility has the potential to operate seven (7) days per week, twenty-four (24) hours per day and fifty-two (52) weeks per year.

This facility remains characterized by SIC Code 4922 (Natural Gas Transmission).

The Title V Permit is being reopened under the provisions of 45CSR§30-6.6.a.1. to incorporate the requirements of 40 C.F.R. 60 Subpart JJJJ.

### Emissions Summary

There are no changes in the Facility-Wide Emissions from this reopening.

### Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit over 100 tons per year of criteria pollutants (NO<sub>x</sub>, CO and VOCs), over 10 tons per year of a single hazardous air pollutant (HAP), and over 25 tons per year of aggregate hazardous air pollutants (HAPs). Due to this facility's potential to emit over 100 tons per year of criteria pollutants, over 10 tons per year of a single HAP, and over 25 tons per year of aggregate HAPs, Columbia Gas Transmission Corporation is required to have an operating permit for the Lost River Compressor Station pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

### Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

This facility has been found to be subject to the following applicable rules for this reopening:

Federal and State: 40 C.F.R. 60 Subpart JJJJ Spark Ignition ICE NSPS

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR15, 45CSR34 and 45CSR30.

### Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit ( <i>if any</i> )
R14-0013C	April 17, 2008	
R30-03100002-2004	March 9, 2004	
CO-R1-C-2007-4A (2005)	March 1, 2007	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table B," which may be downloaded from DAQ's website.

### Determinations and Justifications

The Title V Permit is being reopened under the provisions of 45CSR§30-6.6.a.1. for the following NSPS:

**40 C.F.R.60 Subpart JJJJ** – This reopening is to incorporate newly applicable requirements associated with Emission Source E11 & NSPS 40 C.F.R. 60 Subpart JJJJ.

### **Non-Applicability Determinations**

No additional non-applicability determinations were made for this reopening.

### **Request for Variances or Alternatives**

None.

### **Insignificant Activities**

Insignificant emission unit(s) and activities are identified in the Title V application.

### **Comment Period**

Beginning Date: February 18, 2009

Ending Date: March 20, 2009

All written comments should be addressed to the following individual and office:

U.K.Bachhawat  
Title V Permit Writer  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57th Street, SE  
Charleston, WV 25304

### **Procedure for Requesting Public Hearing**

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

### **Point of Contact**

U.K.Bachhawat  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57th Street, SE  
Charleston, WV 25304  
Phone: 304/926-0499 ext. 1256 • Fax: 304/926-0478

### **Response to Comments (Statement of Basis)**

N/A