

Fact Sheet



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

This Fact Sheet serves to address the changes specific to this Reopening for Cause, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on November 29, 2016.

Permit Number: **R30-01300001-2016**
Application Received: **December 27, 2016**
Plant Identification Number: **03-54-01300001**
Permittee: **Dominion Transmission, Inc.**
Facility Name: **Yellow Creek Station**
Mailing Address: **925 White Oaks Blvd, Bridgeport, WV 26330**

Permit Action Number: *RE01* Revised: *May 9, 2017*

Physical Location: Big Springs, Calhoun County, West Virginia
UTM Coordinates: 495.80 km Easting • 4314.80 km Northing • Zone 17
Directions: Take Interstate 79 North to the Big Otter Exit. Take Route 16 North through Grantsville. After leaving Grantsville, travel on Rt. 16N for approximately 6.1 miles to Calhoun County Rt. 6 (Klipstine Road). Turn right on Rt. 6 and travel 1 mile; station is to the right of road.

Facility Description

Yellow Creek Compressor Station is a natural gas compressor station that compresses production gas to Hastings Extraction Plant. It is covered by Standard Industrial Classification (SIC) Code 4922 and North American Industry Classification System (NAICS) Code 486210. The station consists of one (1) 1100 HP natural gas fired reciprocating engine, two (2) 1000 HP natural gas fired reciprocating engines, one (1) dehydrator reboiler, one (1) glycol dehydration unit with thermal oxidizer, one (1) 11 HP air compressor, ten (10) storage tanks of various sizes, and two (2) 192.5 HP emergency generators. The station has the potential to operate seven (7) days per week, twenty-four (24) hours per day.

This reopening is to change the designation of the two 1000 HP engines (EN02 and EN03) from engines that are not remote under 40 CFR 63 Subpart ZZZZ to engines that are remote. At the time of permit issuance, it was unclear which designation was correct, but further information confirmed the remote status and Enforcement concurred.

Emissions Summary

There are no changes in potential or actual emissions associated with this permitting action.

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 246.15 TPY of CO, 445.68 TPY of NO_x, and 184.33 TPY of VOC. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Dominion Transmission, Inc.'s Yellow Creek Compressor Station is required to have an operating permit 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.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR30 45CSR34 40 CFR 63, Subpart ZZZZ	Operating permit requirement Emission Standards for HAPs MACT for Reciprocating Internal Combustion Engines
State Only:	N/A	

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the 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, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (if any)
R13-2614B	July 28, 2015	
G60-C034	June 27, 2011	

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," which may be downloaded from DAQ's website.

Determinations and Justifications

40 CFR 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. Yellow Creek Station has one 1100 HP and two 1000 HP

reciprocating engines, each with integral compressors, that are subject to 40 CFR Part 63 Subpart ZZZZ. The facility is an area source of HAPs. These engines were constructed prior to June 12, 2006 and combust pipeline quality natural gas.

The two 1000 HP engines (EN02 and EN03) are existing spark-ignition (SI) four-stroke rich burn (4SRB) engines that meet the definition of remote engines in accordance with 40 CFR §63.6675. The requirements for remote engines from 40 CFR 63, Subpart ZZZZ have been added, and requirements for non-remote engines have been deleted, in Section 5.0 of the Title V Permit.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

None.

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: Thursday, April 6, 2017

Ending Date: Monday, May 8, 2017

Point of Contact

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

Bobbie Scroggie
West Virginia Department of Environmental Protection
Division of Air Quality
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Charleston, WV 25304
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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.

Response to Comments

Not applicable.