

# Fact Sheet



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

This Fact Sheet serves to address the changes specific to this Significant Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on August 17, 2015.

Permit Number: **R30-01700003-2015**  
Application Received: **December 27, 2016**  
Plant Identification Number: **017-00003**  
Permittee: **Dominion Transmission, Inc.**  
Facility Name: **L. L. Tonkin Compressor Station**  
Mailing Address: **925 White Oaks Blvd; Bridgeport, WV 26330**

Permit Action Number: *SM01*      Revised: *May 9, 2017*

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Physical Location:                      West Union, Doddridge County, West Virginia  
UTM Coordinates:                      518.82 km Easting • 4351.18 km Northing • Zone 17  
Directions:                              Take Route 50 east from Parkersburg. After approximately 45 miles take West Union Exit, Route 18 North. Go approximately 3.5 miles – L. L. Tonkin station is on the left.

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### Facility Description

The L. L. Tonkin Station is a natural gas transmission facility covered by Standard Industrial Classification (SIC) 4922.

The purpose of this modification is to update information previously provided for one (1) natural gas-fired emergency generator and one (1) natural gas-fired boiler at the facility. The emergency generator was previously permitted as a 600 horsepower (hp) Caterpillar CG137-12 and the boiler was a 1.75 million British Thermal Units per hour (MMBTU/hr) Ajax WRF-1750. However, a 1,462 hp Caterpillar C3516 emergency generator and a 2.94 MMBTU/hr Hurst LPW-G-70-60W boiler will be installed.

## Emissions Summary

With this modification, this facility's Potential to Emit (PTE) will change as follows:

Pollutant	PTE Change (tons/year)
NO <sub>x</sub>	2.03
CO	1.67
VOCs	0.39
PM <sub>10</sub>	0.08
SO <sub>2</sub>	0.01
Formaldehyde	0.23
Total HAPs	0.30

## Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 123.77 TPY of CO. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Dominion Transmission, Inc. 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:	45CSR2	Particulate Air Pollution from Combustion of Fuel in Indirect Heat Exchangers.
	45CSR13	NSR permits
	45CSR16	Standards of Performance for New Stationary Sources Pursuant to 40 C.F.R. Part 60
	45CSR30	Operating permit requirement.
	45CSR34	Emission standards for HAPs.
	40 C.F.R. 60 Subpart JJJJ	SI RICE NSPS
	40 C.F.R. 63 Subpart ZZZZ	RICE MACT

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.

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## Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (if any)
R13-1077B	2/9/2017	

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

### Equipment Changes

The emergency generator (Emission Point ID: AUX02) was previously permitted as a 600 HP Caterpillar CG137-12 and the boiler (Emission Point ID: BLR02) was previously permitted as a 1.75 MMBTU/hr Ajax WRF-1750. However, a 1,462 hp Caterpillar C3516 emergency generator and a 2.94 MMBTU/hr Hurst LPW-G-70-60W boiler will be installed. The emission units table was updated.

### Permit Language Changes

Due to the previously discussed equipment changes, the following changes were made to the permit language:

- The emission limits for the boiler in condition 4.1.3 were updated to reflect the current limits in condition 4.1.3 of R13-1077B.
- The emission limits for the emergency generator in condition 6.1.1.a were updated to reflect the current limits in condition 4.1.4 of R13-1077B. The emission limits in this condition are based on the manufacturer's specifications; compliance with these limits will ensure compliance with the limits in 40CFR60, Subpart JJJJ.

## Non-Applicability Determinations

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

The non-applicability determinations made for the previous equipment remain unchanged.

## 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: Tuesday, March 21, 2017

Ending Date: Thursday, April 20, 2017

### **Point of Contact**

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

Rex Compston, P.E.  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: 304/926-0499 ext. 1209 • Fax: 304/926-0478  
[Rex.E.Compston@wv.gov](mailto:Rex.E.Compston@wv.gov)

### **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 (Statement of Basis)**

Not applicable.