

# Fact Sheet



*For Final Renewal Permitting Action Under 45CSR30 and  
Title V of the Clean Air Act*

Permit Number: R30-01700011-2007  
Application Received: June 23, 2003  
Plant Identification Number: 01700011  
Permittee: Dominion Transmission, Inc.  
Facility Name: West Union Plant  
Mailing Address: 445 West Main Street  
Clarksburg, WV 26301

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Physical Location: West Union, Doddridge County, West Virginia  
UTM Coordinates: 516.45 km Easting • 4352.50 km Northing • Zone 17  
Directions: 5 miles north of West Union on Highway 18, Doddridge County

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## **Facility Description**

The West Union Plant is a cryogenic turbo-expander plant that produces a mixed natural gas liquids product covered by primary Standard Industrial Code (SIC) 1321 and secondary SIC 4922. The plant has the potential to operate seven (7) days per week, twenty-four (24) hours per day. The plant consists of two (2) 730-hp natural gas fired reciprocating engines and two (2) molecular sieve beds.

Note: The plant did not operate during 2005.

**Emissions Summary**

<b>Plantwide Emissions Summary [Tons per Year]</b>		
<b>Criteria Pollutants</b>	<b>Potential Emissions</b>	<b>2004 Actual Emissions</b>
Carbon Monoxide (CO)	12.70*	14.44
Nitrogen Oxides (NO <sub>x</sub> )	267.88	8.58
Particulate Matter (PM <sub>10</sub> )	0.54	0.02
Total Particulate Matter (TSP)	0.54	0.02
Sulfur Dioxide (SO <sub>2</sub> )	0.03	0
Volatile Organic Compounds (VOC)	77.68	1.95

*PM<sub>10</sub> is a component of TSP.*

<b>Hazardous Air Pollutants</b>	<b>Potential Emissions</b>	<b>2004 Actual Emissions</b>
Total HAPs	4.52	0.12

*Some of the above HAPs may be counted as PM or VOCs.*

*\* This incorporates new method for calculating fugitive emissions and the most current emission factors available.*

**Title V Program Applicability Basis**

This facility has the potential to emit 267.88 tons/yr of NO<sub>x</sub>. 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.

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

Federal and State:	45CSR6	Open burning prohibited.
	45CSR11	Standby plans for emergency episodes.
	45CSR13	
	WV Code § 22-5-4 (a) (14)	The Secretary can request any pertinent information such as annual emission inventory reporting.
	45CSR30	Operating permit requirement.
	40 C.F.R. Part 61	Asbestos inspection and removal
State Only:	40 C.F.R. Part 82, Subpart F	Ozone depleting substances
	40 C.F.R. Part 60, Subpart KKK	Equipment Leaks of VOC
	45CSR4	No objectionable odors.
	45CSR17	Particulate Fugitive

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> )
N/A		

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

Since the last modification of this permit WVDEP has determined that 45CSR10 is not applicable to the engines.

Tank001 has been removed from the facility; hence emission Units ID 001-04 (Emission Point ID Tank001) and Emission Unit ID 001-05 (Emission Point ID LL001) has been eliminated. When the facility resumes operation (the facility has not operated for last 3 years) new tank will be set and added to the permit.

### Non-Applicability Determinations

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

40 CFR 64 - Engines do not have any control; Therefore, in accordance with 40 C.F.R § 64.2(a), CAM is not applicable to the engines.

### 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 20, 2007  
Ending Date: March 22, 2007

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 57<sup>th</sup> 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 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: 304/926-0499 ext. 1256 • Fax: 304/926-0478

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

Comment: The company that the permit is being issued to should be amended to Dominion Transmission, Inc.

Answer: The permittee name has been changed from “Dominion Field Services, Inc” to “Dominion Transmission, Inc”. Permittee submitted a request on March 8, 2007 to transfer the permit and its responsibility from “Dominion Field Services, Inc” to “Dominion Transmission, Inc”.