

# Fact Sheet



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

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on March 10, 2020.

Permit Number: **R30-05300009-2020**  
Application Received: **January 28, 2021**  
Plant Identification Number: **05300009**  
Permittee: **Appalachian Power Company**  
Facility Name: **Mountaineer Plant**  
Mailing Address: **1 Riverside Plaza, Columbus, OH 43215**

Permit Action Number: *MM01*      Revised: *July 9, 2021*

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Physical Location: New Haven, Mason County, West Virginia  
UTM Coordinates: 419.04 km Easting • 4314.70 km Northing • Zone 17  
Directions: From Charleston take Interstate 77 North to Exit 138. Travel west on Route 62 approximately 24 miles to New Haven. Facility is located on the right one mile east of New Haven in Mason County.

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### Facility Description

The Mountaineer Plant is a fossil fuel fired electric generation facility and operates under Standard Industrial Classification (SIC) code 4911. The facility consists of one (1) coal-fired steam generator with a rated design capacity of 11,960 mm Btu/hr, two (2) oil-fired auxiliary boilers with a rated design capacity of 598 mm Btu/hr each, various supporting operations such as coal handling and ash handling, and various tanks with insignificant emissions. 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 modification incorporates changes from R13-0075J (issued 4/8/2021). R13-0075J is for the off-site transportation of Gypsum from the emergency stockpile.

## Emissions Summary

There is no change in emissions because of this modification.

## Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 79,294 tons per year of SO<sub>2</sub>, 46,168 tons per year of NO<sub>x</sub>, 3,205 tons per year of PM<sub>10</sub>, 1,897 tons per year of CO, 225 tons per year of VOC, more than 10 tons per year of a single hazardous air pollutant (HAP), and more than 25 tons per year of aggregate 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, Mountaineer Plant 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:	45CSR13 45CSR30	New Source Review Permit requirements Operating permit requirement.
State Only:	None	

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

The active permits/consent orders affected by this modification are as follows:

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit ( <i>if any</i> )
R13- 0075J	April 8, 2021	

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

- ❖ The CSAPR (Cross-State Air Pollution Rule) update was recently issued final in the Federal Register on April 30, 2021 and becomes effective on June 29, 2021, so the boilerplate language was updated for permit condition 3.1.14 and Appendix B.
- ❖ Condition 3.5.3 was updated due to a change in the boiler plate.

- ❖ Changes from R13-0075J have been incorporated in the Title V permit. These changes include the following:
  - Condition 7.1.4 was changed to include a section “a” which is the unchanged portion of this condition and section “b” that includes new requirements for offsite hauling.
  - Condition 7.4.4. was changed to include applicable recordkeeping requirements corresponding to the changes in condition 7.1.4.

### **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: N/A  
Ending Date: N/A

### **Point of Contact**

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

Beena Modi  
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. 41283  
Beena.j.modi@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.