

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 September 7, 2016.

Permit Number: **R30-02300003-2016**

Application Received: **June 30, 2017**

Plant Identification Number: **03-54-023-00003**

Permittee: **Virginia Electric and Power Company**

Facility Name: **Mt. Storm Power Station/Mt. Storm, WV**

Mailing Address: **5000 Dominion Boulevard, Glen Allen, VA 23060**

Permit Action Number: *MM01* Revised: *September 25, 2017*

Physical Location: Mt. Storm, Grant County, West Virginia
UTM Coordinates: 649.85 km Easting • 4340.00 km Northing • Zone 17
Directions: Off of State Route 93, two (2) miles west of Bismark. From the intersection of Route 93 into Davis, WV continue east on Route 93 for approximately 8 miles.

Facility Description

Virginia Electric and Power Company's Mt. Storm Power Station is a coal-fired electric generation facility and operates under SIC code 4911 and NAICS code 221112. The facility consists of three (3) coal-fired boilers, two with a rated design capacity of 6,199 mmBtu/hr each and one with a rated design capacity of 5,824 mmBtu/hr, an oil-fired auxiliary boiler with a rated design capacity of 150 mmBtu/hr, and various supporting operations such as coal handling, ash handling, limestone handling, and various tanks with insignificant emissions. The Mt. Storm Power Station has the potential to operate seven (7) days per week, twenty-four (24) hours per day and fifty-two (52) weeks per year.

This minor modification incorporates an updated Rule 2 and 10 Monitoring Plan, which was approved on June 8, 2017.

Emissions Summary

There are no changes in emissions associated with this proposed minor modification.

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 205,559 tons per year of SO₂, 9,544 tons per year of NO_x, 11,341 tons per year of CO, 2,414 tons per year of PM₁₀, 196 tons per year of VOC, and 525 tons per year of HAPs. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, over 10 tons per year of a single HAP, and over 25 tons per year of aggregate HAPs, Virginia Electric and Power Company's Mt. Storm Power 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:	45CSR2	To Prevent and Control Particulate Air Pollution from Combustion of Fuel in Indirect Heat Exchangers
	45CSR10	Control of Sulfur Dioxide Emissions from Indirect Heat Exchangers
	45CSR30	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 following permits are associated with this modification:

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

Determinations and Justifications

This is a minor modification to the renewal permit.

Boilerplate changes - updated the reporting requirements in Conditions 3.5.3., 3.5.5., and 3.5.6. to require submission of reports by email.

45CSR2, for particulate matter emissions control from combustion of fuel in indirect heat exchangers and 45CSR10, for control of sulfur oxides, both require that a Monitoring Plan be approved for large sources in accordance with 45CSR§2-8.2.a. and 45CSR§10-8.2.c. Virginia Electric and Power Company has updated the Monitoring Plan for the Mt. Storm Plant and it was approved by the Director on June 8, 2017. The Title V permit is being revised to include the updated Monitoring Plan which is located in Appendix B. The previous Monitoring Plan was imported into the previous version of the permit as images, therefore it was not possible to use redline and strikeouts to show what has been removed. The new Monitoring Plan has been added using blue font and underline to show what has been added.

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:

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Division of Air Quality
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Bobbie.Scroggie@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

Not applicable