

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 30, 2014.

Permit Number: **R30-4900026-2014**
Application Received: **May 17, 2016**
Plant Identification Number: **049-00026**
Permittee: **American Bituminous Power Partners, L.P.**
Facility Name: **Grant Town Power Plant**
Mailing Address: **P. O. Box 159, Grant Town, WV 26574**

Permit Action Number: *MM01* Revised: *January 24, 2017*

Physical Location: Grant Town, Marion County, West Virginia
UTM Coordinates: 572.40 km Easting • 4,379.25 km Northing • Zone 17
Directions: US Route 19 north from Fairmont. Turn left in Rivesville onto State Route 17 and follow Paw Paw Creek for 4 miles.

Facility Description

American Bituminous Power Partners' Grant Town Power Plant is a coal refuse-fired electric generation facility with a total output of 80 MWe. The facility consists of two 551.9 MMBTU/hr coal refuse-fired circulating fluidized bed boilers and various supporting operations. The boilers are designed to accommodate a variety of fuels, but the primary fuel is coal refuse (gob) supplemented with pond fines. Natural gas is used as a start up fuel. The facility operates under SIC code 4911. This modification incorporates the changes made to R14-0005E and will limit SO₂ emissions below the applicability threshold for the Data Requirements Rule (DRR).

Emissions Summary

This modification will result in a decrease of 2,018.13 tons per year of SO₂.

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 821.89 tons per year of CO, 1,933.86 tons per year of NO_x, 159.3 tons per year of PM₁₀, 1,994.62 tons per year of SO₂, 541 tons per year of HCl, and 53.6 tons per year of HF. 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, American Bituminous Power Partners, L.P. 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	Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants
	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

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit <i>(if any)</i>
R14-0005F	September 21, 2016	N/A

Conditions from this facility's Rule 14 permit 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 14 permit.

Determinations and Justifications

This is a minor modification of the Title V Permit. The following changes have occurred since the most recent Title V permit was issued:

Condition 4.1.3. was revised by adding a Section b. to list additional Combined Stack Emission Limits for SO₂ to correspond to R14-0005F, Condition A.1.b.

Condition 4.1.4. was revised to correspond to R14-0005F, Condition A.9. The previous SO₂ reduction requirements were eliminated since this modification will be approved after January 13, 2017.

Condition 4.3.3. was revised by changing the SO₂ emission rate to 0.41 lb/mmBtu. Removed language allowing 0.60 lb/mmBtu because this modification will be approved after January 13, 2017. Also added a Section b. to correspond to R14-0005F, Condition B.10.b. by requiring the facility to show compliance with the new DRR SO₂ limitations using a Continuous Emissions Monitoring System (CEMS).

Condition 4.5.5. was added to incorporate R14-0005F, Condition B.22.

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:

Bobbie Scroggie
West Virginia Department of Environmental Protection
Division of Air Quality
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Charleston, WV 25304
Phone: 304/926-0499 ext. 1225 • Fax: 304/926-0478
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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 (Statement of Basis)

Not applicable.