

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 October 17, 2013.

Permit Number: **R30-07300005-2013**
Application Received: **June 22, 2015**
Plant Identification Number: **03-54-073-00005/03-54-073-00004**
Permittee: **Allegheny Energy Supply Company, LLC**
Facility Name: **Pleasants - Willow Island Power Stations**
Mailing Address: **800 Cabin Hill Drive, Greensburg, Pa 15601**

Permit Action Number: *MM01* Revised: *August 23, 2016*

Physical Location: Willow Island, Pleasants County, West Virginia
UTM Coordinates: 474.49 km Easting • 4357.36 km Northing • Zone 17
Directions: From Charleston take Interstate 77 North to Exit 179. Travel north on State Route 2 approximately 7 miles to Willow Island. Facility is located on the left in Willow Island, Pleasants County.

Facility Description

The Pleasants Power Station is a fossil fuel fired electric generation facility with two 657 (net) MW units and operates under Standard Industrial Classification (SIC) code 4911. The facility consists of two (2) 6245 mmBtu/hr coal-fired boilers, two (2) 222 mmBtu/hr oil/natural gas-fired auxiliary boilers, two (2) 7.67 mmBtu/hr diesel-fired emergency generators, two (2) 215 hp diesel-fired fire pumps, and various supporting operations such as coal handling, ash handling, lime handling, gypsum production and various storage 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.

The proposed Title V modification incorporates changes associated with the modification permit R13-3082B for the installation of a refined coal system.

Emissions Summary

The change in potential emissions are as follows:

Regulated Pollutants	Change in Potential Emissions (+ or -), TPY
PM	0.07
PM ₁₀	0.02

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 92,579 tons per year of SO₂, 47,204 tons per year of NO_x, 3,005 tons per year of PM₁₀, 1,517 tons per year of CO, 189 tons per year of VOC, and 5,563 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, Pleasants/Willow Island 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
45CSR13	Permits For Construction, Modification, Relocation And Operation Of Stationary Sources Of Air Pollutants, Notification Requirements, Administrative Updates, Temporary Permits, General Permits, And Procedures For Evaluation
45CSR30	Operating permit requirement.
45CSR34	Emission Standards For Hazardous Air Pollutants
40 CFR Part 63 Subpart UUUUU	National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units

State Only:

N/A

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 (if any)
R13-3082B	June 10, 2016	

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

- 1) The "Emission Units" table was updated to add the refined coal system equipment.
- 2) Condition 1.2. - The Permit Number has been updated to R13-3082B with the date of issuance of June 10, 2016.
- 3) Condition 4.1.9. - This condition has been expanded to include s the NOx emission limit from R13-3082B.
- 4) Condition 4.1.20. - This condition has been expanded to include the 40 CFR Subpart UUUUU requirements included in R13-3082B.
- 5) Condition 4.2.4. – "45CSR13 – Permit R13-3082, §4.2.6." was added to the citation of authority.
- 6) Section 5 - Conditions 5.1.5. - 5.1.10., and 5.2.2 – 5.2.4. have been added as applicable requirements from R13-3082B.

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: Not Applicable for minor modifications.
Ending Date: N/A

Point of Contact

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

Frederick Tipane
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 1215 • Fax: 304/926-0478
frederick.tipane@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.