



*Allegheny County Health Department
Air Quality Program*

PHASE II Acid Rain Permit

Issued to: NRG Power Midwest LP
Cheswick Generating Station
Operated by: NRG Power Midwest LP
ORIS: 8226
Effective:

Acid Rain Permit Contents

- 1. Statement of Basis**
- 2. Unit Specific Requirements and Allowances**
- 3. Additional Permit Requirements (Article XXI, §2103.22.j)**
- 4. Permit Application (Attached)**

JoAnn Truchan, P.E.
Air Pollution Control Manager

Date Issued

Statement of Basis

Statutory and Regulatory Authority

In accordance with 40 CFR 70.6(a)(1) and 40 CFR 72.70(b), the Allegheny County Health Department issues this permit pursuant to §2103.22.j, *Allegheny County Health Department, Rules and Regulations, Article XXI, Air Pollution Control*.

Unit Specific Requirements

Unit 1 - Source ID #1:

Year:	2016	2017	2018	2019	2020
SO2 Allowances:	16919	16919	16919	16919	16919

Year:	2016	2017	2018	2019	2020
NOx Limitation:	0.45 lbs/mmBtu on an annual average basis				

Definitions

The definitions found in 40 CFR §72.2 are incorporated by reference into this permit.

Permit Shield

Each affected unit operated in accordance with this Acid Rain permit shall be deemed to be operating in compliance with the Acid Rain Program, except as provided in § 72.9(g)(6).

Additional Permit Requirements:

1. In accordance with Article XXI §2103.22.j.4, the source is required to achieve compliance with this permit as soon as possible but no later than the date required by the Clean Air Act or the regulations thereunder for the source.
2. In accordance with Article XXI §2103.22.j.6 this permit prohibits the following:
 - a) Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide that the owner or operator or designated representative holds for the unit.
 - b) Exceeding applicable emission rates or standards, including ambient air quality standards.
 - c) The use of an allowance prior to the year for which it is allocated.
 - d) Contravention of other provisions of the permit.
3. In accordance with Article XXI §2103.22.j.7, this permit prohibits the emission of sulfur dioxide which exceeds any allowances that the source lawfully holds under Title IV of the Clean Air Act or the regulations thereunder.
 - a) A permit revision will not be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, if the increases do not require a permit revision under another applicable requirement.
 - b) A limit will not be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with another applicable requirement.
 - c) An allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act.
4. The source shall comply with all of the requirements in the Phase II Acid Rain Permit Application.