



## Proposed Air Quality Permit for MGS CNP 1, LLC (Permit Application R13-3708)

### Public Notice dates:

- DAQ Notice – August 19, 2025 (start of official comment period)
- Extension Notice – September 23, 2025

### Written comments due by:

5 p.m. on Wednesday, October 8, 2025. Submit by:

- Email: Edward.s.andrews@WV.gov with "MGS CNP1 - BECCS Comments" as the subject line, or
- Mail: WVDEP - Air Quality, Attention: Edward Andrews, 601 57th Street SE, Charleston, WV 25304

### How can I review documents?

The application is available at:

<https://dep.wv.gov/daq/permitting/Pages/NSR-Permit-Applications.aspx> → "Popular Searches" → "MGS CNP1, LLC; BECCS Plant".

### What is the purpose of this public meeting?

- Provide information and answer questions about the air quality application
- Accept official comments related to the application and air quality issues
- Only written comments submitted by the deadline or spoken comments provided at the meeting will be considered.

### Applicant:

MGS CNP 1, LLC, is a subsidiary of Fidelis New Energy, LLC.

### Proposed Location:

5801 Ohio River Road, Pleasant, W.Va. (North of Mason County Airport, next to Steel Specialties) – see map on back of sheet.

### What is proposed?

- Construction/operation of biomass fired boiler (944 MMBtu/hr max heat input) for the purpose of generating electricity not for sale.
- Fuel limited to clean biomass (woodchips, brush, yard waste, etc.) and natural gas (NG capped at 180 MMBtu/hr).
- The steam generated runs a turbine to produce electricity, which powers equipment at the facility (e.g., carbon capture unit).

### How is the air quality in Mason County?

Mason County currently meets all federal air quality standards ("In Attainment").

### Proposed emissions:

Pollutant	Emission Rate (tons per year)	
	Biomass Boiler	Facility Total
Particulate Matter (PM)	34.88	59.09
PM <sub>10</sub> /PM <sub>2.5</sub>	67.84	83.95/75.65
Sulfur Dioxide (SO <sub>2</sub> )	50.78	50.79
Nitrogen Oxides (NO <sub>x</sub> )	90.42	90.90
Carbon Monoxide (CO)	45.65	46.48
Volatile Organic Compounds (VOCs)	19.04	36.46
Sulfuric Acid Mist (H <sub>2</sub> SO <sub>4</sub> )	27.87	27.87
Hydrogen Chloride (HCl)	5.65	6.22
Total Hazardous Air Pollutants (HAPs)	23.36	24.01

### Applicable Rules/Regulations:

The Biomass Boiler is subject to several state rules and federal regulations and the following emission standards:

Pollutant	Standard	Regulation
PM	0.030 lb/MMBtu	Subpart Db
NO <sub>x</sub>	0.20 lb/MMBtu	Subpart Db
SO <sub>2</sub>	0.32 lb/MMBtu	Subpart Db
Opacity	10%	State Rule 2

No state or federal emission limits for H<sub>2</sub>SO<sub>4</sub> or HCl.

### What DAQ Does Not Regulate:

- Noise, lighting, zoning/siting, or local building codes
- Pipeline siting (only air emissions from pipeline equipment are regulated by the DAQ)
- Water use, wastewater, waste disposal, CO<sub>2</sub> injection wells (regulated by WVDEP's Division of Water & Waste Management)
- Chemical safety under the Federal Risk Management Program (U.S. EPA jurisdiction)

### What about the Hydrogen Plant?

The proposed Hydrogen (H<sub>2</sub>) Plant is not part of this permit. It has a separate application (R13-3724) that has been deemed incomplete and not yet under DAQ review.

### How can one stay informed of other actions made by the WVDEP?

- Subscribe to WVDEP Public Notice email listserv:

<https://apps.dep.wv.gov/listserv/?window=archive&listID=1>

- Also, the DAQ maintains a list of current permit applications that is updated daily at:

<https://dep.wv.gov/daq/permitting/Pages/NSR-P permit-Applications.aspx>

### Key Principles for Effective Comments:

- **Focus on This Permit:** Comments should relate directly to the proposed facility and the air quality permit under review. Broader concerns, such as unrelated projects or general policy issues, are outside the scope of this decision.

- **Stay Within WVDEP-DAQ's Authority:** The most helpful comments request actions WVDEP-DAQ can legally take. For example, asking DAQ to review emissions calculations or to deny a permit if an air standard would be exceeded is within our authority. Asking DAQ to deny or approve a permit based on issues or information outside of our authority, or to stop a separate, unrelated facility, is not.
- **Provide New or Relevant Information:** Effective comments bring forward information not already in the record. This can include:
  - Specific data or studies that challenge or support the applicant's claims.
  - Observations about conditions near the site that the application may not have addressed.
  - References to rules, standards, or policies that may apply but were not discussed in the application.

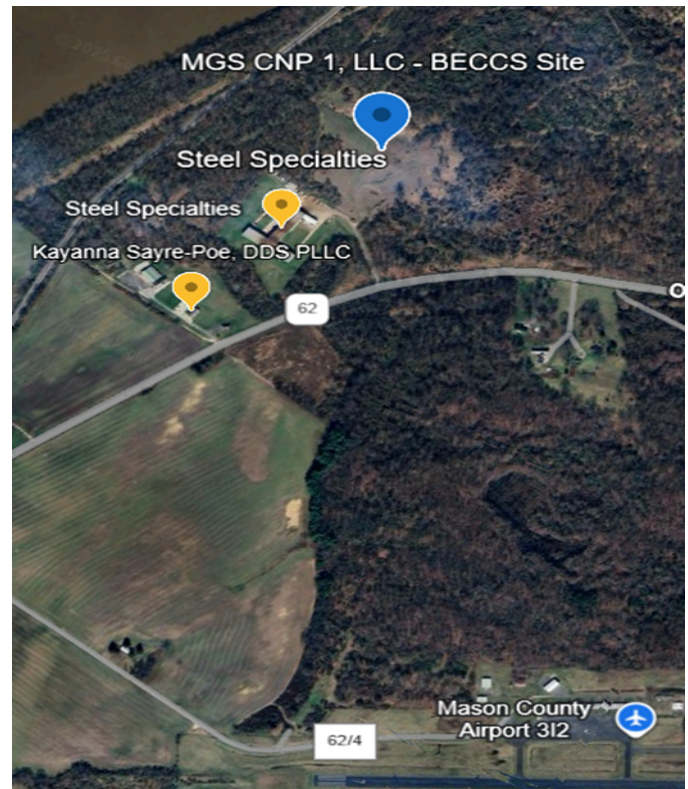


Figure 1 - Map of MGS CNP 1 Proposed BECCS Site