

AIR QUALITY PERMIT NOTICE AND PUBLIC MEETING SCHEDULED

Preliminary Determination to Approve

On December 19, 2019, Mountain State Clean Energy LLC applied to the WV Department of Environmental Protection (DEP), Division of Air Quality (DAQ) for a major source construction permit to construct and operate an electric generating unit which will be using natural-gas fired, combined cycle combustion turbines. The facility will be located at 1375 Fort Martin Road, Madsville, Monongalia County, WV, at 39.7090 latitude and -79.9589 longitude. A preliminary evaluation has determined that all State and Federal air quality requirements will be met by the proposed facility. The DAQ is providing notice to the public of its preliminary determination to approve the application and issue Permit R14-0038.

The following potential emissions will be authorized by this proposed permit at the Mountain State Clean Energy's Madsville Facility: Particulate Matter less than 2.5 microns (PM_{2.5}), 210 tons per year (TPY); Particulate Matter less than 10 microns (PM₁₀), 210 TPY; Particulate Matter, 210 TPY; Sulfur Dioxide, 39.9 TPY; Oxides of Nitrogen (NO₂), 321 TPY; Carbon Monoxide, 276 TPY; Volatile Organic Compounds, 141 TPY; Total Hazardous Air Pollutants, 23.3 TPY; and Carbon Dioxide Equivalent, 5,135,327 TPY.

DEP rules and U.S. EPA regulations require that all pollutants that will be increased "significantly" (as defined within 45CSR14) from a proposed construction of a major source be controlled by "best available control technology" (as defined within 45CSR14); that emissions of all regulated air pollutants shall not cause or contribute to violations of either the primary or secondary national ambient air quality standards (NAAQS) nor any Class 1 or Class 2 air quality increments applicable in the area where the source is located or elsewhere; and, the pollutant emissions from the proposed source must not adversely impact upon soils, vegetation, and visibility in the vicinity of the plant site. A preliminary evaluation by the DAQ of the information submitted by Mountain State Clean Energy LLC, indicates that the proposed major modification will meet all applicable State rules and Federal regulations including those stated above. Based upon this finding, the DAQ has made a preliminary determination to approve the application and issue Permit R14-0038 for the construction and operation of Mountain State Clean Energy's Madsville Facility with a proposed start-up date of January 1, 2025.

The following are the results of the ambient air quality modeling analysis:

The maximum predicted ambient air quality impacts are greater than the respective significant impact levels applicable to the Prevention of Significant Deterioration of the Class II area nearest to the project for the following pollutants: PM_{2.5}, PM₁₀, and nitrogen dioxide (NO₂). Therefore, the modeling for increment consumption in terms of micrograms per cubic meter (µg/m³) and percent was determined for these pollutants and for the relevant averaging periods as detailed below:

Pollutant	Averaging Time	Allowable Increment	Increment Consumed	
		($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	Percent
PM _{2.5}	24-Hour	9	6.316	70.2
PM _{2.5}	Annual	4	1.281	32.0
PM ₁₀	24-Hour	30	0.545	0.02
PM ₁₀	Annual	17	0.050	<0.1
NO ₂	Annual	25	0.004	<0.1

The DAQ has scheduled a public meeting for 6:00 p.m. on Tuesday, October 19, 2021. The public meeting will be held virtually to prevent the spread of COVID-19. Instructions for providing written comments and for providing oral comments at the virtual public meeting are provided below.

The purpose of the public review process is to accept public comments on air quality issues relevant to this determination. Only written comments or comments presented orally at the scheduled public meeting will be considered prior to final action on the permit. All such comments will become part of the public record.

Written comments must be received by 5:00 p.m. on Monday, November 1, 2021:

- Email written comments to Edward.S.Andrews@wv.gov with “Mountain State Clean Energy Comments” in the subject line, or
- Mail hard copy comments to Edward Andrews, WV Department of Environmental Protection, Division of Air Quality, 601 57th Street, SE, Charleston, WV 25304.

Public meeting participation:

- To participate online or by telephone, registration is required by 5:00 p.m. on Tuesday, October 19, 2021. To register, please complete the registration form at:
<https://forms.gle/Cwev9iQPtieG8cU46>
 To register to speak, please indicate “yes” you want to provide oral comments on the record when you register. A confirmation e-mail will be sent with information on how to join the public meeting. If you do not have internet access and want to register to participate via telephone, please contact Sandie Adkins or Stephanie Hammonds at (304) 926-0475. Registration for the online meeting is required to fulfill the state’s obligation under federal air quality regulations to include a list of participants. Oral comments are limited to 5 minutes. If participating virtually, video demonstrations and screen sharing by commenters is not permitted.

Additional information, including copies of the draft permit, application, and all other supporting materials relevant to the permit decision may be obtained by contacting the engineer listed below or downloaded at:

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