Public Notice of intent to reissue

Air Permit

04900088-002

General information

Public comment period begins: June 1, 2020
Public comment period ends: July 1, 2020 (4:30 p.m.)

Name and address of Permittee: Invenergy Cannon Falls LLC
525 North Park Dr
Cannon Falls, MN 55009-1253

Facility name and location: Cannon Falls Energy Center
525 N Park Dr
Cannon Falls, MN 55009

Goodhue County

MPCA contact person:
Derek Nelson
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Rd N
St. Paul, MN 55155
Phone: 651-757-2131
Email: derek.nelson@state.mn.us

File manager phone: 651-757-2728 or 1-844-828-0942

A draft permit and technical support document are available for review on the MPCA Public Notices webpage at http://www.pca.state.mn.us/publicnotices. Additional materials relating to the issuance of this permit are available for inspection by appointment at any MPCA office (https://www.pca.state.mn.us/about-mpca/mpca-offices) between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday. The MPCA will mail or email a copy of the draft permit upon request. Comments, petitions, and other requests must be received at the MPCA in writing on or before the public comment period end date and time identified above.

Description of Cannon Falls Energy Center

Cannon Falls Energy Center (facility) is an electric generation peaking plant composed of twin General Electric Frame 7FA simple cycle gas turbine electric generators with a combined electric output of 357 megawatts. Natural gas is the primary fuel, with distillate oil for backup. Inlet cooling is available for warm weather use when ambient temperatures are above 59 degrees Fahrenheit. Inlet cooling is a process where water is atomized and evaporated at the inlet of the turbine compressor. The evaporated water increases the density of air entering the compressor, which in turn increases the power output of the turbine. A fuel gas heater and emergency diesel fire pump engine are also located at the facility.

The primary pollutants emitted at the facility are products of combustion such as nitrogen oxides (NOx) and carbon monoxide (CO). Both turbines are equipped with dry low emission technology to reduce NOx emissions when combusting natural gas, and water injection to control NOx emissions when combusting distillate oil.

This permit reissuance incorporates a major amendment which allows Invenergy increased flexibility to monitor NOx emissions under 40 CFR pt. 75. No construction is authorized by this permit action.

This permit action is for operation of the facility. The permit action is the reissuance of the Part 70 Operating Permit that incorporates a major amendment; therefore, the draft permit has been placed on public notice.

The preliminary determination to reissue this air permit is tentative.

A summary of the Potential to Emit (PTE) in tons per year is as follows:

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>PM</th>
<th>PM10</th>
<th>PM2.5</th>
<th>SO2</th>
<th>NOx</th>
<th>VOCs</th>
<th>CO</th>
<th>CO2eq</th>
<th>All HAPs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Facility PTE</td>
<td>47.3</td>
<td>47.3</td>
<td>47.3</td>
<td>4.35</td>
<td>241.6</td>
<td>20.5</td>
<td>239.2</td>
<td>840,300</td>
<td>11.37</td>
</tr>
</tbody>
</table>

PM = Particulate Matter
PM10 = PM, 10 microns and smaller
PM2.5 = PM, 2.5 microns and smaller
NOx = Nitrogen Oxides
SO2 = Sulfur Dioxide
VOCs = Volatile Organic Compounds
CO = Carbon Monoxide
CO2eq = Carbon Dioxide Equivalents as defined in Minn. R. 7007.0100
HAP = Hazardous Air Pollutant

The Permittee is not required to submit a pollution prevention progress report pursuant to Minn. Stat. § 115D.08.
Procedure for public participation

As stated in Minn. R. chs. 7000 and 7001, there are three formal procedures for public participation in the MPCA’s consideration of this matter. Interested persons may:

1. Submit written comments on the draft permit.
2. Petition the MPCA to hold a public informational meeting.
3. Petition the MPCA to hold a contested case hearing.

Submitting written comments

To submit comments or petitions to the MPCA through the mail or email, you must state:

1. Your interest in the permit application or the draft permit.
2. The action you wish the MPCA to take, including specific references to the section of the draft permit you believe should be changed.
3. The reasons supporting your position, stated with sufficient specificity as to allow the MPCA to investigate the merits of the position.

Public informational meeting

A public informational meeting is an informal meeting during which interested persons can ask questions concerning the proposed facility. MPCA staff will be present to provide information. If an interested person would like the MPCA to hold a public informational meeting, the person should include all information identified above and in addition include a statement of the reasons the person desires the MPCA to hold a public informational meeting and the issues that the person would like the agency to address at the public informational meeting.

Contested Case Hearing

A contested case hearing is a formal proceeding before an administrative law judge empowered to advise the MPCA regarding issues of fact. As described in Minn. R. 7000.1800, persons who submit petitions for a contested case hearing must also state the issues they propose to address in a contested case hearing, the specific relief requested or resolution of the matter, and the reasons (which may be in the form of proposed findings) supporting an MPCA decision to hold a contested case hearing. Failure to comply with these rules exactly may result in a denial of the request. To the extent known, the petitioner may also submit a list of prospective witnesses to be called at a hearing, a proposed list of publications, references, or studies to be introduced at a hearing and the approximate time required for the petitioner to present the matter at a hearing. The decision whether to hold a contested case hearing will be made under Minn. R. 7000.1900.