

## General information

**Public comment period begins:** June 27, 2024  
**Public comment period ends:** July 29, 2024  
**Current permit issued:** May 18, 2020  
**Current permit expiration date:** December 24, 2024

<b>Name and address of Permittee:</b> Xcel Energy 414 Nicollet Mall Minneapolis, Minnesota 55401-1927	<b>Facility name and location:</b> Xcel Energy - Blue Lake 1200 70th St S Shakopee, MN 55379-2100 Scott County	<b>MPCA contact person:</b> Tarik Hanafy Industrial Division Minnesota Pollution Control Agency 520 Lafayette Road North St. Paul, MN 55155-4194 Phone: 651-757-2404 Email: tarik.hanafy@state.mn.us
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File manager phone: 651-757-2728 or 844-828-0942

A draft permit is available for review on the MPCA Public Notices webpage at <https://www.pca.state.mn.us/get-engaged/public-comments>. 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/contact-us>) 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 U.S. Mail comments must be received by 4:30 p.m.

## Description of Xcel Energy - Blue Lake

The Xcel Energy (Permittee) Blue Lake Generating Plant (facility) is an electric generation peaking plant composed of six simple cycle stationary combustion turbine (CT) generators. Four of the CTs were manufactured by Turbodyne and installed in the 1970s. Three are rated at 50 Megawatts (MWe) each, and one is rated at 55 MWe. They are all fired with distillate fuel oil No. 2.

Two General Electric CTs rated at 174 MWe each and fired with natural gas were installed at the facility in 2004 and are equipped with dry low-NOx combustors to inhibit NO<sub>x</sub> formation. The Permittee also operates an emergency generator.

The main pollutants are products of combustion such as nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), sulfur dioxide (SO<sub>2</sub>), volatile organic compounds (VOC), particulate matter (PM), particulate matter less than ten microns (PM<sub>10</sub>), particulate matter less than 2.5 microns (PM<sub>2.5</sub>), hazardous air pollutants (HAPs), and greenhouse gases (GHG or CO<sub>2e</sub>).

This permit action is a major amendment and will add three engine generators rated at 9.37 Megawatts (MWe) each, five emergency generators, three rated at 750 kilowatts (kW) and two rated at 550 kW, two 100,000 gallon diesel storage tanks and a paved roads fugitive source. The amendment will also revise limits on the existing natural gas fired turbines to ensure availability during peak demand and decommission the four oil fired turbines at the facility. Oxygen continuous emissions monitors will be added for the two natural gas fired turbines and selective catalytic reduction and oxidation catalyst controls will be added for the three engine generators.

The permit action is for construction. The permit action is a major amendment, therefore, the permit has been placed on public notice.

A summary of the emissions increase in tons per year is as follows:

Pollutant	PM	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO	CO <sub>2e</sub>	Total HAP
Emissions Increase from new emission units	16.16	26.21	40.21	-43.81	-16243	169.60	245	-1626354	0.0

PM = Particulate Matter

PM<sub>2.5</sub> = PM, 2.5 microns and smaller

NO<sub>x</sub> = Nitrogen Oxides

CO = Carbon Monoxide

PM<sub>10</sub> = PM, 10 microns and smaller

SO<sub>2</sub> = Sulfur Dioxide

VOC = Volatile Organic Compounds

CO<sub>2e</sub> = 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.

The preliminary determination to issue this Air permit is tentative.

## 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

Comments may be submitted:

- 1) Online at <https://mpca.commentinput.com/comment/search>; or
- 2) By U.S. postal mail to the following address:  
Tarik Hanafy  
Minnesota Pollution Control Agency  
520 Lafayette Road North  
St. Paul, MN 55155-4194

Submitted comments or petitions 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.