About the Project

Minnesota Power and Dairyland Power Cooperative are proposing to build a 525-550 megawatt natural gas generation facility in Superior, Wisconsin, called the Nemadji Trail Energy Center. This center will use flexible and efficient natural gas to enable the addition of more renewable energy resources such as wind and solar, and to deliver affordable and reliable power to consumers in the region.

What is a combined-cycle natural gas plant?

This project will be a combined-cycle gas generation facility that burns natural gas in a combustion turbine (like a jet engine) to produce high-pressure, high-temperature gas that spins a turbine. This is an efficient and reliable way to produce energy while supporting growing renewable resources, minimizing emissions and increasing energy output to meet the energy needs of consumers served by Minnesota Power and Dairyland Power Cooperative.

The Nemadji Trail Energy Facility will support renewables when the wind isn’t blowing and sun isn’t shining.

The Facility will also:

- Support customer load
- Replace coal-fired generation
- Reduce carbon emissions

Schedule

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<th>2017 - 2018</th>
<th>2019</th>
<th>2020</th>
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<td>REGULATORY PERMIT APPLICATIONS DEVELOPMENT &amp; SUBMITTAL</td>
<td>REGULATORY REVIEW &amp; APPROVAL</td>
<td>ENGINEERING &amp; CONSTRUCTION</td>
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Public participation/comment period.
Nemadji Trail Energy Center

Shovel-Ready Project Site

The proposed project is located in an industrial area and has access to existing electrical and natural gas infrastructure. The project will require these additional components:

- Approximately seven-mile natural gas pipeline using existing right-of-way
- Approximately four-mile, 345kV transmission line parallel to existing right-of-way
- Approximately 10-acre substation associated with the transmission line

Anticipated Project Benefits

- Largest private investment in Douglas County
- Over $1 billion in regional economic benefit over 20 years
- Create 260 jobs during peak construction and up to 25 full-time permanent jobs
- Approximately $1 million in local tax benefit

Upcoming Meeting

Attend the Rural Utilities Service (RUS) Formal Scoping Meeting

- September 21
- 4-7 pm
- Elks Lodge, Superior, WI