

Proposed natural gas generation in Paris, Wisconsin



Rendering of proposed site

We Energies is proposing to construct a natural gas generating facility near our existing site in the Town of Paris. This modern, efficient generation can power up in minutes — ensuring energy stays flowing when demand spikes or renewable power is not available.

Technology

The new facilities use electric generators called reciprocating internal combustion engines (RICE). These modular engines run on natural gas and allow for extremely reliable and flexible operations.

This technology also provides these benefits:

- Efficiency is maintained over a wide range of generation output.
- Environmental impact is very low — including limited water use.
- Engines are delivered and installed in modules, sized for needed capacity.

The units operate similar to a backup generator, with an engine that is shaft-coupled to a generator. The RICE units are housed inside a building with an exterior resembling that of a warehouse. The exhaust system is located outside the building. A fan-cooled radiator bank also is located outdoors.

Water use for the generation process is less than 10 gallons per day. Most of the daily water use will be for drinking fountains and bathrooms.

Site selection

The Public Service Commission of Wisconsin is the state agency that determines the need and necessity for utility projects, including site selection and final approval. The application proposes three possible sites for the new generation. A map of the proposed sites is provided on the back of this handout.

The site footprint will be approximately 15 acres. The footprint of the construction site is larger to account for laydown, contractor trailers and worker parking.

After construction is complete, the property will be restored to meet Wisconsin Department of Natural Resources requirements, including stormwater management facilities that will limit potential drainage impacts.

Timeline

The review time frame depends on the size and scope of the project, but typically takes about six months to a year. If approved, construction is planned to begin in 2025 and be completed in 2026.

Keeping you informed

We are committed to keeping you informed and will provide updates as the project moves forward. If you have questions about the project, please call 877-380-0522.