

WESTERN MUSTANG SOLAR PROJECT

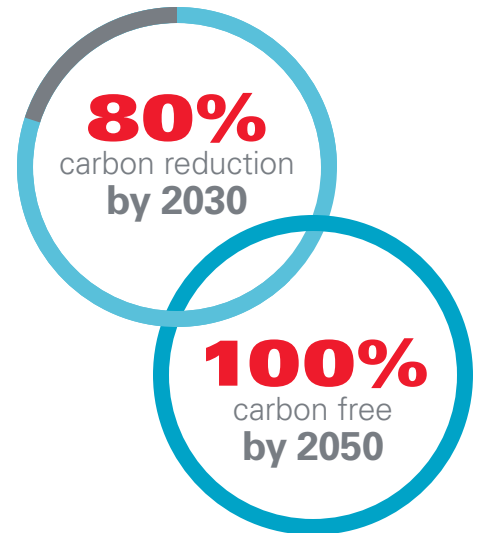
INFORMATION SHEET
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DELIVERING LOW-COST, CARBON-FREE SOLAR POWER



Increasingly, our customers and communities want their energy from clean, renewable sources and we are delivering with the first Xcel Energy-owned universal solar facility. Major construction of the Western Mustang solar project in Pierce County, Wisconsin, is expected to begin in late 2021. When complete, the 74-megawatt solar farm spanning about 1,000 acres near the town of Gilman is expected to produce enough energy to power more than 15,000 homes.

Xcel Energy has committed to reliably and cost-effectively cut carbon emissions 80% by 2030 and has a goal to deliver 100% carbon-free electricity by 2050. The Western Mustang solar project will help us meet those goals, providing clean, affordable electricity to customers, while driving economic benefits to western Wisconsin.



Key Facts

Location: Town of Gilman, Pierce County, Wisconsin

Capacity: 74 megawatts – largest solar project to date in western Wisconsin

Size: Approx. 1,000 acres with about half needed for the solar farm

Description: Single-axis tracking photovoltaic system

Equivalent number of homes powered: 15,000+

Developer: Western Mustang Solar, LLC, a subsidiary of D. E. Shaw and Ranger Power

Owner: Xcel Energy will take ownership upon completion

Completion: Late 2022

Project cost: Approximately \$100 million



Interesting Features

- Single-axis photovoltaic tracking system will rotate east to west to efficiently capture the sun's energy.
- Panels will be about as tall as full-grown corn.
- Generously spaced rows of panels allow for the creation of pollinator habitat, as well as opportunities for grazing.
- Located close to existing electrical infrastructure, which minimizes the project footprint and takes advantage of existing transmission lines.
- Designed to generate clean power for 35 years. After its useful life, facilities will be removed and the land will be restored for agricultural use.

Economic and Environmental Benefits

- Costs of building universal solar have dropped by about 80% in the last decade.
- Once built, the project is expected to generate nearly \$300,000 a year in shared revenue payments for Pierce County and the town of Gilman.
- By harnessing the power of the sun, we avoid fuel costs and pass the savings on to our customers. The project is expected to deliver about \$7 million in customer bill savings over the life of the project.
- Avoidance of more than 70,000 tons of carbon dioxide and other emissions per year.
- Generation of enough renewable energy to power about 10,000 homes annually.

Timeline

- **October 2020:** File request with Public Service Commission of Wisconsin to purchase solar project
- **Late 2021:** Begin major construction
- **Late 2022:** Estimated in-service date

