



SIX MILE SOLAR Project Overview

OneEnergy Renewables is in the process of developing a 6-Megawatt solar facility in the Village of Waunakee, Dane County, Wisconsin. The project is located north of Kennedy Drive and west of Hwy 113 and will lease about 30 acres of the 112.5-acre property (please see site plan on reverse).

Six Mile Solar has a useful life of 30-50 years and will provide clean, locally produced energy for nearby Madison Gas & Electric customers years to come. At the height of construction, roughly 30 local union workers will be employed on this project.

OneEnergy will develop, design, engineer, and construct Six Mile Solar. Based in Madison, our Midwest office has developed 55 solar projects over the last 6 years, including 39 in Wisconsin.



SYSTEM STATISTICS

6 Megawatts
~30 acres
~12,600,000 kWh per year

MAIN SYSTEM COMPONENTS

- Single-axis tracker (tracks the sun from east to west throughout the day)
- Bifacial solar panels
- Steel racking and I-beams
- Inverters and transformers
- Aggregate access/O&M road
- Perimeter fence (deer fence)
- Permanent perennial vegetation

12,600,000 kWh of electricity per year, equivalent to...



1,600

AVERAGE WISCONSIN
HOUSEHOLDS' ANNUAL
POWER CONSUMPTION



11,000

TONS OF CO₂ EMISSIONS
AVOIDED FROM OTHER
POWER SOURCES



10,000

ACRES OF U.S.
FOREST CARBON
SEQUESTRATION*



*Source: EPA Greenhouse Gas Equivalencies Calculator

Sustainable Design and Construction



Six Mile Solar will be a dual-use solar facility. The area beneath and around the panels will be planted to a low-growing perennial pollinator mix. This increases water infiltration and enhances soil fertility over the lifetime of the project.

OneEnergy has developed and designed Six Mile Solar to minimize the need for grading during construction.

The project area will be fenced within an 8' deer-exclusion style fence, similar to what one might find around an orchard. An aggregate operations and maintenance road will be used to access the site from Kennedy Dr.

When Six Mile Solar reaches the end of its useful life and the project is decommissioned, all infrastructure will be removed, and the site restored to pre-development conditions, as obligated in the lease with the landowner.

Contact

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PROPOSED SIX MILE SOLAR PROJECT SITE PLAN

