

Marshall Solar Plus

Marshall Solar Plus (MSP) is a 10-megawatt (MW) capacity solar farm and 5-MW battery-storage facility owned by Marshall Solar Plus LLC, a subsidiary of Western Minnesota Municipal Power Agency (WMMPA), and operated by Missouri River Energy Services (MRES).

MSP is located on 78 acres in the MRES member community of Marshall, Minnesota, in Lyon County. The solar facility covers approximately 55 acres and includes an estimated 21,000 panels.

MRES is the supplemental wholesale electric supplier to the city of Marshall and 60 other municipal power communities in Iowa, Minnesota, North Dakota and South Dakota. WMMPA owns and finances all of the power supply, transmission and other assets used to serve all 61 MRES members. Twenty-four MRES members from Minnesota, including Marshall, comprise the WMMPA membership.

The MRES and WMMPA boards approved the project in late 2022, and it is expected to go online in late 2024. When complete, the project will be interconnected to Marshall's distribution system, and the energy provided by MSP will be included as another clean, renewable resource in the wholesale power supply mix that MRES offers its members.



Owner: Marshall Solar Plus LLC

Operator: Missouri River Energy Services, Sioux Falls, South Dakota

Developer: US Solar

Plant configuration: 10-MW photovoltaic (PV) solar panels

Plant site: Overall facility size is 78 acres

Address: 1200 N 7th St
Marshall, MN 56258

Capacity: 10 MW (solar panels);
5 MW (battery storage)

Energy production: Up to 15 MW when PV
and battery-storage
systems are both
providing energy

Commercial operation: Late 2024



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