



## FAST FACTS ON MADISON COLLEGE SOLAR INSTALLATION

On many sunny days throughout the year the Madison College solar array will produce 100 percent of the Truax Campus main building's energy demand for up to three hours in the middle of the day. This could save the campus more than \$300,000 per year.



### Cost of the proje

- \$500,000 MGE grant
- \$2,587,000 Madison College
- \$3,087,000 Total cost

### The Madison College rooftop solar installation is the:

- Largest single rooftop installation in Wisconsin
- Largest solar installation serving a school in Wisconsin
- Fourth-largest commitment of solar serving a single Wisconsin customer (behind Target Stores, Epic Systems, and Forest County Potawatomi).

### Specifics about the system

- The system contains **5,700 solar panels** or eight semi-trailer loads
- Panels cover about 125,000 square feet of the roof (more than two football fields)
- Each panel contains 72 solar cells
- System will produce 1.85 megaWatts of electricity, enough to power about 18,000 flat screen televisions
- The solar system will provide about 25 percent of the annual electricity use of the Truax Campus main building, this is roughly equal to the consumption of about 300 homes.

The project engaged multiple local contractors and **involved over 100 workers**.

The foreman of the electrical crew was a Madison College alumnus, and several of the electrical workers are currently enrolled in the college's electrical apprenticeship program.

Solar Developer: Sun Vest, Pewaukee, WI  
Roofing Contractor: Roofed Right, Milwaukee, WI  
Electrical Contractor: Pieper Power, Middleton, WI  
Electrical Utility: Madison Gas and Electric, Madison, WI