

SolarWise® for Schools



Overview

The best way to leave a healthy planet for future generations is to teach young people to become good stewards of the environment. Wisconsin Public Service's SolarWise for Schools is a customer-funded, award-winning solar and renewable energy education program for high schools in the WPS service area.

SolarWise for Schools supports:

- Maintaining solar energy systems installed at 56 participating high schools.
- Hands-on, renewable energy curriculum.
- Teacher training to integrate curriculum materials into existing courses.
- Solar Olympics, our annual renewable energy competition.

SolarWise schools

WPS has installed 56 solar photovoltaic systems at schools across the WPS service area.

Over 20 years, each of these schools will:

- Produce 60,000 kilowatt-hours of clean electricity.
- Save nearly \$7,000 in energy costs.
- Avoid 48.4 metric tons of carbon dioxide emissions.
- Educate 2,000 students about renewable energy.

SolarWise curriculum

SolarWise includes a STEM-based curriculum and training with more than 30 lessons to help teachers integrate it into other courses. The curriculum offers hands-on education in renewable energy and energy efficiency, and lessons that align with Solar Olympics events. The training takes place annually in fall prior to the spring Solar Olympics.



Solar Olympics

Solar Olympics is an annual, one-day renewable energy competition for participating SolarWise schools. The event is held at University of Wisconsin - Oshkosh in May. Throughout the fun-filled day, students participate in a variety of challenges, such as Solar T-Shirt Design and the ever-popular Solar Car Competition. Solar Olympics gives students the opportunity to learn about solar energy by direct, hands-on experience, while gaining experience in project management and teamwork.



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