

Striving for Sustainability

Mount Saint John is deeply committed to its sustainability journey. Beyond efforts to reduce energy usage, care for their grounds naturally, and educate the community about caring for the earth, the Marianist community wanted to achieve net zero energy electrically. This means producing 100% of electricity needs by solar annually. With Melink Solar as their contractor, Mount Saint John's solar array began operation in 2023 and their dream of net zero became a reality.

Mount Saint John's solar array is more than just a group of panels. It represents the integration of sustainable technology within an environmentally conscious organization and stands as a significant testament to the Marianists' dedication to sustainability.

Solar Solutions

The system produces more energy than the organization needs during the day, so the electricity goes back to the grid as a credit for nighttime and cloudy days when grid power is needed. Covering three acres of the campus and **featuring 1,920 locally-made 445 watt panels**, this solar array can produce an impressive **1.1 million kWh of energy each year**.

Result

The results achieved by Mount Saint John following the activation of their solar array are truly impressive. In just the first two weeks of operation, the array generated over 35,000 kWh of electricity, showcasing its exceptional production ability. After one year of generation, the array produced the expected **1.1 million kWh of electricity**. Mount Saint John's dedication to sustainability and these remarkable accomplishments highlight the institution's steadfast commitment to a cleaner, greener, and more sustainable future.



850 kW-DC fixed tilt ground mount



1,920 panels (445 Watt) manufactured locally by Toledo-based First Solar



\$3,000,000 savings over 30-year lifespan



1.1 million kWh of energy per year, making the campus net zero on an annual basis

ABOUT MELINK SOLAR

Melink Solar is based out of Cincinnati, Ohio and empowers leaders to kick-start their sustainability journeys. They work with Midwest businesses and organizations of all sizes to evaluate and implement onsite solar with roof mounts, ground mounts, and parking canopies. Melink Solar's goal is to help owners turn sunshine into savings and reduce carbon emissions. Since 2008, Melink Solar has designed and built over 300 MW of commercial and utility scale solar.

Elevating the standard for commercial solar



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