

HAUSER'S SUPERIOR VIEW FARM

SOLAR PV

Established in Bayfield in 1908, Hauser's Superior View Farm is a multi-generational farm, greenhouse, nursery, and orchard located at 86565 County Hwy J. The new rooftop solar array is installed on Hauser's greenhouse support building, supplying electricity to 20,000 sq. ft. of greenhouses, apple grading/cider facilities, and surrounding agricultural buildings. At Hauser's we believe in planning for the future. At the farm you will find third, fourth, and fifth generation Hausers working together each day. Moving to solar is an excellent long-term investment as well as a commitment to sustainability as we plan for future generations to come. The support of Cheq Bay Renewables, Next Energy Solution, Focus on Energy, and Xcel Energy made this a viable project for our operation.

Jim Hauser, Jr. (Fritz) & Ellen Hauser, Jim Hauser, Sr. and Dane Hauser



System overview

- Roof mounted PV installation
- RTI (Ready-to-Install) system provided by Next Energy Solution (NES), Shell Lake
- Grid-tied to Xcel Energy with net metering

Technical specs

- 19.4 kW dc consists of 72, 270-watt solar modules manufactured by Peimar
- Modules Model SG270P made in Italy with 30-year performance warranty
- Inverted from DC to AC using 2 Fronius Primo 10kW string inverters
- Estimated generation is 24,800 kWh per year

Incentives

- 30% Federal Investment Tax Credit for renewable energy
- MARCS accelerated depreciation for business
- Focus on Energy RECIP grant paid for 30% of the system

Costs

- Cost of RTI system was \$35,575 plus approximately \$1000 out of pocket not counting labor which was covered under regular farm expenses (installed by Dane Hauser)
- Total cost after incentives: \$7,592
- Estimated payback of 3.5 – 5.0 years

What is a Ready-to-Install (RTI) system?

An RTI, just like the name suggests, is a set of parts, blue prints and instructions so the owner can self-install the system, saving on labor costs. It is a trademark name and product of Next Energy Solution (NES) headquartered in Shell Lake, WI. A licensed electrician makes the final connections and NES oversees the project, inspects, and handles the interconnection with the utility company. The RTI system has made solar more affordable to many area farms and residences that have the necessary skills to take on a hands-on project.