



WATERVILLE COMMUNITY SOLAR GARDEN

Project Highlights

- **Project Name:** Waterville Community Solar Garden
- **Project Type:** Community Solar | Ground Mount System
- **Project Location:** Waterville, Le Sueur County, Minnesota, USA
- **Project Size:** 6.63 MW DC
- **Project Operation Date:** August 2018
- **PV Module Supplier:** Boviet Solar
- **Project Developer / Sponsor:** New Energy Equity
- **Project Owner / Operator:** Nautilus Solar (2018–2019) → Altus Power America (2020 onward)

Project Overview

Waterville Community Solar Garden is a 6.63 MWdc community solar project in Waterville, Le Sueur County, Minnesota, developed by New Energy Equity with Boviet Solar's top-performing PV modules and owned/operated by Nautilus Solar (2018–2019) and Altus Power America (2020 onward), commissioned with initial operation in March 2018 and full commissioning in August 2018. The ground-mounted array delivers clean electricity into Xcel Energy's distribution network under Minnesota's Community Solar Garden (CSG) program.

The project offers many economic, social, and environmental benefits. It produces approximately 8.8 GWh of clean electricity each year, enough to power about 1,100 Minnesota homes. Economically, it creates local construction and ongoing O&M jobs and generates recurring tax and land-lease revenues. Socially, the CSG subscription model expands access to solar power for residents and small businesses that can't host rooftop systems. Environmentally, the system avoids roughly 3,900 metric tons of CO₂ annually, saves about 6.5 million liters of water, and displaces approximately 1,400 short tons of coal each year, contributing to Minnesota's long-term decarbonization goals.

Economic Benefits

Waterville CSG converts previously underutilized land into a long-term local revenue stream (lease/tax) and supports regional construction and ongoing O&M jobs. With ~8.8 GWh/year of production—~975 homes' annual use—the project provides stable value to Xcel subscribers through bill credits under the CSG tariff while strengthening local grid reliability.

Social Benefits

As a Community Solar Garden, Waterville broadens access and equity by enabling residents and small businesses, especially those unable to host rooftop systems, to participate via subscription-based bill credits in Xcel's program. The visible conversion of an already-disturbed site into a renewable asset also promotes community engagement and energy literacy across Le Sueur County.

Environmental Benefits (Estimated)

At approximately 8.8 GWh/year, Waterville CSG helps avoid roughly 3,900 tCO₂e, save about 6.5 million liters of freshwater, and displace approximately 1,400 short tons of coal annually — roughly equivalent to removing around 850 cars from the road or planting about 57,000 trees (seedlings grown 10 years). By utilizing an already-impacted site and feeding power into Xcel's distribution network, the project supports Minnesota's long-term decarbonization strategy.

BOVIET SOLAR

Boviet Solar, an Inox Solar Americas company, is a solar energy technology and manufacturing company focused on delivering high-performance photovoltaic (PV) modules for the U.S. market. Its portfolio includes Gamma Series™ monofacial and Vega Series™ bifacial PV modules, designed for utility-scale, community solar, commercial, and industrial (C&I), and residential applications, with a focus on reliability, efficiency, and long-term performance.

The company operates a state-of-the-art manufacturing facility in Greenville, North Carolina, with approximately 3.0 GW of annual production capacity. This U.S.-based production supports localized supply, efficient logistics, and alignment with project timelines and market requirements.

As part of Inox Solar Americas, Boviet Solar benefits from enhanced financial backing and integration within a broader renewable energy platform under Inox Clean Energy and the INOXGFL Group. This strengthens its ability to support compliant, financeable, and scalable solar projects while maintaining consistent execution and product performance.

Boviet Solar works closely with developers, EPCs, and asset owners to deliver projects on time and support long-term performance. The company remains committed to advancing clean energy by providing dependable solutions that enable customers to build and operate projects with confidence.

To learn more, please visit www.bovietsolar.com, www.inoxclean.com, www.inoxgfl.com