



DUNDAS COMMUNITY SOLAR GARDEN

Project Highlights

- **Project Name:** Dundas Community Solar
- **Project Type:** Community Solar I Ground Mount System
- **Project Location:** Dundas, Rice County, Minnesota, USA
- **Project Size:** 5.0 MW AC | 6.6 MW DC
- **Project Operation Date:** March 2018
- **PV Module Supplier:** Bovie Solar
- **Project Developer:** Nautilus Solar Energy
- **Project Owner:** Nautilus Solar Energy

Project Overview

The Dundas Community Solar Garden is a 6.6 MW DC (~5.0 MW AC) community distributed generation project located in Rice County, Minnesota, Commissioned in March 2018. Developed, own and operated by Nautilus Solar Energy, the fixed-tilt, ground-mounted array delivers clean electricity into Xcel Energy's distribution system. Featuring Boviet Solar's top-performing PV modules, the project is engineered for dependable output and long-term durability under Minnesota's seasonal climate.

The project delivers clear economic, social, and environmental benefits. Each year, the Dundas Garden generates approximately 8,800 MWh of clean electricity, enough to power about 1,100 Minnesota homes. Economically, it creates local construction and ongoing O&M jobs while providing recurring tax and land-lease revenues. Socially, through Minnesota's CSG subscription model, it expands access to renewable energy for residents and small businesses that can't host rooftop systems. Environmentally, the system helps avoid roughly 3,900 metric tons of CO₂ annually, saves about 6.5 million liters of water, and displaces roughly 1,400 short tons of coal each year, advancing Minnesota's clean-energy goals.

Economic Benefits

The Dundas Community Solar Garden strengthens the regional economy through local engineering, construction, and service jobs and by creating recurring municipal value via property-tax and land-lease revenues. With annual production of ~8,800 MWh, equivalent to powering ~1,100 homes, the project provides stable, grid-connected renewable energy that supports system reliability while delivering tangible savings to subscribers through Xcel Energy's CSG bill-credit mechanism.

Social Benefits

As a Community Solar (CSG) project, Dundas broadens energy access and equity, enabling renters, homeowners with shaded roofs, and small businesses to participate in clean energy without installing panels on their properties. The subscription model fosters local engagement, builds energy literacy, and strengthens community resilience while aligning with state and municipal sustainability priorities.

Environmental Benefits (Estimated)

Producing about 8,800 MWh of renewable electricity annually, the Dundas Community Solar Garden helps avoid roughly 3,900 metric tons of CO₂, save about 6.5 million liters of water, and displace approximately 1,400 short tons of coal each year — equivalent to removing around 850 cars from the road or planting about 57,000 trees (seedlings grown for 10 years). By using an already-disturbed site and feeding clean power into the Xcel Energy distribution system, the project supports Minnesota's long-term decarbonization strategy.

BOVIET SOLAR

Boviet Solar Technology Co., Ltd. is a leading solar technology company founded in 2013 in Vietnam, specializing in the manufacturing of high-performance monocrystalline PV cells and premium Gamma Series™ monofacial and Vega Series™ bifacial PV modules. Our top-performing modules are engineered for a wide range of applications, including residential, commercial, industrial, community, and utility-scale solar projects.

Boviet Solar combines business acumen, financial strength, technological expertise, and manufacturing excellence to deliver reliable, high-efficiency solar solutions to industry clients worldwide. The company is deeply committed to sustainability, supply chain traceability, and compliance with international trade standards, while fostering long-term, trust-based partnerships across the global energy sector. Boviet Solar has earned industry-wide recognition for quality and reliability. The company has maintained a Tier 1 PV Module Manufacturer ranking by Bloomberg New Energy Finance (BNEF) since 2017, has been recognized as one of the Top 10 Most Bankable Global PV Module Manufacturers by Wood Mackenzie, and is ranked among the Top 10 Most Financially Reliable PV Module Manufacturers by Sinovoltaics. Boviet Solar's modules have also been consistently rated as Top Performers in Kiwa PVEL's PV Module Reliability Scorecard since 2019.

Headquartered in Vietnam, Boviet Solar operates manufacturing facilities in both Vietnam and the United States, with an annual production capacity of 3.0 GW for PV cells and modules. The company also maintains regional operations in the United States, Germany, and other key international markets. To learn more, visit www.bovietsolar.com.