



ASHLAND SOLAR

Project Highlights

- **Project Name:** Ashland Community Solar
- **Project Type:** Community Solar I Capped Landfill
Nyanza Chemical Waste Dump Superfund Site
- **Project Location:** Ashland, Middlesex County, Massachusetts, USA
- **Project Size:** 4.6 MW AC I 5.8 MW DC (2 systems)
- **Project Operation Date:** December 2019
- **PV Module Supplier:** Boviet Solar
- **Project Developer:** Ameresco
- **Project Owner:** Citizen Enterprises Corp.

Project Overview

Ashland Solar is a community-owned ~5.8 MWdc solar system on the capped Nyanza Chemical Waste Dump Superfund landfill in Ashland, Massachusetts. Developed by Ameresco with Boviet Solar's top-performing PV modules and built by CS Energy, the project is owned by Citizens Energy (Ashland Solar, LLC) and achieved commercial operation in December 2019.

The project delivers clear economic, social, and environmental benefits. Economically, Ashland Solar provides predictable bill credits to income-eligible subscribers, reuses brownfield land, and supports local construction and ongoing O&M jobs. Socially, it expands access to affordable solar for households that can't host rooftop systems, strengthening energy equity in Eversource territory. Environmentally, the array generates ~7.1 GWh/year—enough to power ~1,000 homes, avoids ~2,600 metric tons of CO₂e annually, saves ~3.3 million gallons of water, and displaces roughly 940 short tons of coal each year, roughly taking ~560 cars off the road or planting ~43,000 trees (seedlings grown 10 years) annually.

Economic Benefits

Subscribers receive net-metered bill credits through the JOE-4-SUN low-income community solar structure, and more than a hundred local jobs were supported during development, construction, and ongoing O&M. Repurposing a capped Superfund landfill minimizes land-acquisition cost and turns a remediated parcel into a long-lived community asset. With ~7.1 GWh/year, the project offsets electricity equivalent to ~1,000 homes per year, delivering substantial lifetime savings for participating households.

Social Benefits

The project broadens access to clean energy for income-eligible residents who face rooftop constraints, advancing energy affordability and resilience. Community-visible reuse of a Superfund site builds energy literacy and trust, showing how cooperative public-private action can remediate legacy pollution while delivering everyday savings.

Environmental Benefits (Estimated)

By reusing a capped Superfund landfill, Ashland Solar avoids greenfield conversion. Estimated ~7.1 GWh/year results in ~2,600 metric tons of CO₂e avoided, ~560 cars eliminated (equivalent), ~43,000 trees planted (equivalent), ~3.3 million gallons of water saved, and ~940 short tons of coal eliminated each year.

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