



ERATH COMMUNITY SOLAR

Project Highlights

- **Project Name:** Erath Community Solar
- **Project Type:** Community Solar
- **Project Location:** Erath County, Texas, USA
- **Project Size:** 10 MW AC | ~14 MW DC (estimated)
- **Project Operation Date:** February 2021
- **PV Module Supplier:** Boviet Solar
- **Project Developer:** TurningPoint Energy (TPE)
- **Project Owner / Operator:** Navisun LLC
- **Project Offtaker:** United Cooperative Services member-subscribers (community solar program)
- **Project Grid Connection:** United Cooperative Services distribution network (ERCOT)

Project Overview

Erath Community Solar is a ~14 MWdc (10 MWac) community-solar project in Erath County, Texas, developed by TurningPoint Energy with Boviet Solar's top-performing PV modules and owned/operated by Navisun, commissioned in February 2021. The ground-mount plant delivers clean power to United Cooperative Services' distribution network, providing bill-credit subscriptions for co-op members in North Texas.

The project offers many economic, social, and environmental benefits. It produces approximately ~24.5 GWh of clean electricity per year, enough to power about ~2,800 homes (marketing assumption). Economically, it created local construction jobs and generates long-term value for co-op members through predictable bill credits. Socially, the co-op subscription model broadens access to solar for households and small businesses that can't host rooftop systems, strengthening community resilience. Environmentally (Estimated), annual generation helps avoid ~10,900 metric tons of CO₂, save ~17.0 million liters of water, eliminate ~12,300 short tons of coal, and is equivalent to ~2,400 cars removed or ~172,000 trees planted each year.

Economic Benefits

The project supports the regional economy through engineering, construction, and ongoing O&M, while delivering stable bill-credit savings to participating United Cooperative Services members. With ~24.5 GWh/year, ~2,800 homes powered (est.), Erath Community Solar provides dependable, grid-connected renewable energy that hedges fuel-price volatility for the co-op community.

Social Benefits

As a community-solar asset integrated with a member-owned electric co-op, Erath enables broad participation in clean energy without rooftop installations. The subscription structure supports renters and small businesses, advances local sustainability goals, and builds community engagement around the energy transition.

Environmental Benefits (Estimated)

At approximately ~24.5 GWh/year, Erath Community Solar is expected to avoid ~10,900 tCO₂e, save ~17.0 million liters of freshwater, eliminate ~12,300 short tons of coal, and be equivalent to ~2,400 cars removed or ~172,000 trees planted (seedlings grown 10 years) annually.

BOVIET SOLAR

Boviet Solar 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. The company also maintains regional operations in the United States, Germany, and other key international markets. To learn more, visit www.bovietsolar.com.