



SOLAR OF ALAMOSA

Project Highlights

- **Project Name:** Solar of Alamosa
- **Project Type:** Utility-Scale Solar (Concentrated Photovoltaic, CPV; redeveloped with PV modules)
- **Project Location:** Alamosa County, San Luis Valley, Colorado, USA
- **Project Size:** 30 MWac | ~37.5 MWdc (estimated)
- **Project Operation Date:** April 2012 (redeveloped 2022–2024)
- **PV Module Supplier:** Boviet Solar
- **Project Developer (Original):** Cogentrix Energy / Amonix
- **Project Owner:** Whetstone Power & Rosemawr Sustainable Infrastructure (acquired 2022)
- **Project Offtaker:** United Power (25-year PPA beginning May 2024)
- **Project Grid Connection:** Xcel Energy / Public Service Company of Colorado transmission network

Project Overview

The Solar of Alamosa project is a 30 MWac utility-scale solar facility located in Colorado's San Luis Valley. Originally commissioned in 2012 as one of the largest concentrated photovoltaic (CPV) plants in the U.S., the facility was acquired and redeveloped between 2022 and 2024 by Whetstone Power and Rosemawr Sustainable Infrastructure. The redevelopment replaced legacy CPV technology with modern top-performing PV modules supplied by Boviet Solar, ensuring the project's long-term performance, reliability, and contribution to Colorado's clean energy future.

The project delivers significant benefits across multiple dimensions. Economically, it generated local construction and electrical jobs, provides sustained O&M positions, and produces approximately 80,000 MWh of clean electricity annually—enough to power the equivalent of ~7,550 homes each year. Socially, it supports Colorado's renewable portfolio standard goals, stabilizes electricity prices, and strengthens community resilience. Environmentally, the project avoids roughly 56,000 metric tons of CO₂ annually, conserves around 61 million gallons of water per year, and eliminates the equivalent of approximately 56,000 tons of coal, contributing to cleaner air and long-term climate goals.

Economic Benefits

Redevelopment created dozens of skilled local jobs in construction, logistics, and electrical installation, while preserving long-term operations and maintenance employment. The project produces approximately 80,000 MWh of electricity each year—enough to power about 7,550 Colorado homes annually. In addition, it secures steady tax revenues for Alamosa County.

Social Benefits

The Solar of Alamosa project strengthens community resilience by reducing reliance on fossil fuels and supporting state-level renewable energy targets. Local workforce training during the redevelopment provided valuable skills for tradespeople in the San Luis Valley. The project also contributes to energy affordability and grid reliability, ensuring lasting benefits for local communities.

Environmental Benefits (Estimated)

By generating approximately 80,000 MWh of clean electricity annually, the project offsets roughly 56,000 metric tons of CO₂ emissions each year—equivalent to taking about 13,400 cars off the road. The facility conserves around 61 million gallons of water annually compared to conventional fossil generation, a critical advantage in Colorado's arid San Luis Valley. Additionally, the plant displaces the equivalent of approximately 56,000 tons of coal each year, significantly improving regional air quality and supporting long-term climate objectives.

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