



## CITY OF REEDLEY

### Project Highlights

- **Project Name:** City of Reedley
- **Project Type:** Municipal Solar I Ground Mount System
- **Project Location:** Reedley, California, USA
- **Project Size:** 1.03 MW DC
- **Project Completion Date:** January 2023
- **PV Module Supplier:** Boviét Solar
- **Project Installer:** Centrica Business Solutions
- **Project Owner:** City of Reedley

## City of Reedley

Located in California's agriculturally rich San Joaquin Valley, the City of Reedley has long been recognized for its commitment to sustainability, fiscal responsibility, and community well-being. Through proactive investment in renewable energy, the city aims to reduce operating costs for public facilities, strengthen local energy independence, and contribute to California's statewide clean-energy and climate goals. The solar installation at Reedley's municipal site exemplifies the city's forward-thinking leadership in sustainable urban management.

## Project Overview

The City of Reedley Solar Project is a 1.03 MW DC ground-mounted solar array developed and installed by Centrica Business Solutions, featuring Boviet Solar's top-performing PV modules. The system delivers renewable electricity directly to support municipal operations, including water treatment, pumping, and city maintenance facilities. By generating power on-site, Reedley reduces its reliance on grid-supplied energy, stabilizes long-term operating budgets, and reinforces its commitment to sustainability.

The installation produces approximately 1.52 GWh (1,520,000 kWh) of renewable energy annually, offsetting a significant portion of the city's electricity use. Economically, the project lowers operational costs and provides predictable long-term savings. Socially, it strengthens Reedley's clean-energy leadership and supports skilled local employment. Environmentally, it avoids roughly 585 metric tons of CO<sub>2</sub> emissions annually, equivalent to planting 26,900 trees, saving 200,000 gallons of water, or eliminating 630 short tons of coal per year.

## Economic Benefits

Generating approximately 1.52 GWh of renewable electricity per year, the solar array offsets substantial municipal energy costs for critical city operations. The project improves fiscal efficiency and shields the city's budget from future energy-rate increases. Designed and installed by Centrica Business Solutions, the project supported local construction and electrical trades, providing skilled jobs throughout the project's development and commissioning. Over its 25-year life, the system will produce over 38 GWh of clean power, delivering millions of dollars in cumulative savings for the city and its residents.

## Social Benefits

The City of Reedley Solar Project reflects the municipality's vision for sustainable growth and environmental stewardship. By partnering with Centrica Business Solutions and Boviet Solar, the city has implemented a renewable-energy solution that enhances community resilience, reduces carbon emissions, and demonstrates responsible governance. The project also increases public awareness of clean energy, serving as an educational and civic example for other municipalities pursuing sustainability goals.

## Environmental Benefits (Estimated)

By generating approximately 1.52 GWh of clean energy annually, the system avoids about 585 metric tons of CO<sub>2</sub> emissions per year, equivalent to planting 26,900 trees, saving 200,000 gallons of water, or displacing 630 short tons of coal. Over its 25-year operational life, the project will prevent more than

14,600 metric tons of CO<sub>2</sub> emissions, advancing California's carbon-neutrality objectives and contributing to cleaner air and healthier communities in the Central Valley.

---

## **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](http://www.bovietsolar.com).