



GILMORE RANCH

Project Highlights

- **Project Name:** Gilmore Ranch
- **Project Type:** Agricultural Solar I Ground Mount
- **Project Location:** Gilmore Ranch, California, USA
- **Project Size:** 1.1 MW DC
- **Project Commissioning Date:** June 2018
- **PV Module Supplier:** Boviet Solar
- **Project Developer/Installer:** CalCom Energy
- **Project Owner:** Gilmore Ranch

Gilmore Ranch

Gilmore Ranch is an agricultural operation based in Kerman, Fresno County, California, specializing in large-scale farming that requires significant electricity for irrigation, water pumping, refrigeration, and crop processing. As with many Central Valley agribusinesses, rising energy costs and sustainability goals led the ranch to invest in solar power to stabilize operating expenses and strengthen long-term resiliency. By adopting renewable energy solutions, Gilmore Ranch demonstrates a forward-looking commitment to both agricultural productivity and environmental stewardship.

Project Overview

The Gilmore Ranch solar system is a 1.1 MW DC ground-mounted solar energy installation located in Kerman, Fresno County, California. Developed and installed by CalCom Energy, owned by Gilmore Ranch, and powered by Boviet Solar's top-performing PV modules, the fully grid-tied system supplies renewable electricity directly to ranch operations.

Generating approximately ~1.7 GWh of clean electricity annually, the project delivers wide-ranging benefits. Economically, it reduces operating expenses, stabilizes long-term energy costs, and hedges against utility-rate volatility across irrigation, refrigeration, and water-pumping operations. Socially, it supports local clean-energy jobs, strengthens community leadership in sustainable agriculture, and provides a replicable model for other multi-meter agribusinesses. Environmentally, the system avoids ~1,200 metric tons of CO₂ annually, equivalent to removing ~260 cars from the road, planting ~19,000 trees, saving ~52 million gallons of water, and eliminating ~1,300 short tons of coal. With zero emissions during operation, the project improves local air quality and reduces the ranch's overall carbon footprint.

Economic Benefits

By generating its own electricity, Gilmore Ranch produces approximately 1.7 GWh annually, reducing reliance on purchased grid power and insulating operations from rising utility rates. The project lowers utility expenses, shields operations from rising energy costs, and delivers predictable long-term savings. Over its lifetime, the system strengthens fiscal resilience, freeing up resources for agricultural innovation and business growth. In addition, the project supported regional economic development through CalCom Energy's contribution to local clean energy job creation.

Social Benefits

The Gilmore Ranch solar system highlights Gilmore Ranch's commitment to sustainability and CalCom Energy's expertise in serving agricultural communities. By supporting regional employment during construction and reinforcing community engagement around clean energy, the project demonstrates leadership in sustainable farming. Visible solar installation inspires peer farms to explore renewable energy adoption, helping advance agricultural resilience across California's Central Valley.

Environmental Benefits

The Gilmore Ranch solar system generates approximately 1.7 GWh of clean electricity annually, avoiding around 1,200 metric tons of CO₂ each year. This reduction is comparable to removing nearly 260 passenger cars from the road, planting more than 19,000 trees, saving about 52 million gallons of water, and eliminating roughly 1,300 short tons of coal. By producing zero emissions during operation, the

system powered by Boviet Solar's PV modules reduces the ranch's carbon footprint, improves local air quality, and supports California's long-term clean energy and climate goals.

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