



LAGORIO FARMS

Project Highlights

- **Project Name:** Lagorio Farms
- **Project Type:** Agricultural Solar | Ground Mount
- **Project Location:** Madera, California, USA
- **Project Size:** 1.1 MW DC
- **Project Commissioning Date:** April 2016
- **PV Module Supplier:** Boviet Solar
- **Project Developer/Installer:** CalCom Energy
- **Project Owner:** Lagorio Farms

Lagoria Farms

Lagorio Farms is a family-owned farming enterprise based in Madera, California, with a long history in Central Valley agriculture. The farm produces a variety of crops and relies heavily on energy for irrigation, cold storage, and processing operations. To address rising energy costs and improve sustainability, Lagorio Farms invested in solar power, enabling greater operational efficiency, cost stability, and long-term resiliency. Its adoption of renewable energy underscores the farm's commitment to both agricultural innovation and environmental stewardship.

Project Overview

The Lagorio Farms solar system is a 1.1 MW DC ground-mounted solar installation located in Madera, California. Developed and installed by CalCom Energy, owned by Lagorio Farms, and powered by Boviet Solar's top-performing PV modules, the fully grid-tied system supplies renewable electricity directly to farm operations.

Generating approximately 1.87 GWh of clean electricity annually, the project delivers broad benefits. Economically, it lowers operating expenses, stabilizes long-term energy costs, and hedges against utility-rate volatility across irrigation, refrigeration, and water-pumping operations. Socially, it demonstrates Lagorio Farms' leadership in sustainable agriculture, supports local clean-energy jobs, and serves as a replicable model for other agribusinesses. Environmentally, the system avoids ~748 metric tons of CO₂ annually, equivalent to removing ~163 cars from the road, planting ~12,500 trees, saving ~0.94 million gallons of water, and eliminating ~760 short tons of coal. By producing zero emissions during operation, the project reduces the farm's carbon footprint, improves local air quality, and contributes to California's climate goals.

Economic Benefits

The Lagorio Farms solar system offsets a significant portion of the farm's electricity needs, generating ~1.87 GWh annually and reducing reliance on purchased power. 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 Lagorio Farms solar system underscores Lagorio Farms' commitment to environmental stewardship and sustainable business practices. By partnering with CalCom Energy, the farm supported local clean-energy jobs and technical expertise while inspiring neighboring agricultural operations to explore solar adaptation. The project provides a replicable model for the region's agribusiness community, reinforcing Lagorio Farms' role as a sustainability leader.

Environmental Benefits (Estimated)

The Lagorio Farms solar system generates approximately 1.87 GWh of clean power annually, avoiding ~748 metric tons of CO₂ emissions per year. This environmental impact is equivalent to removing ~163 passenger cars from the road annually, planting ~12,500 trees annually, saving ~0.94 million gallons of

water annually, and eliminating ~760 short tons of coal annually. By producing zero emissions during operation, the system powered by Boviet Solar's top-performing PV modules reduces reliance on fossil fuels, improves local air quality, and contributes to California's long-term renewable energy and 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