An Inox Solar Americas Company

NATIONAL SELF STORAGE CHAIN

Project Highlights

- Project Name: National Self Storage Chain – Multi-Site Portfolio
- Project Type: Commercial Solar I Portfolio Rooftop (43 sites)
- Project Location: Greater Atlanta, GA; Birmingham & Montgomery, AL, USA
- Project Size: 4.1 MW DC | ~3.0 MW AC (estimated)
- Project Operation Date: Phased 2020–2021
- PV Module Supplier: Boviet Solar (and other manufacturers)
- Project Developer: Pivot Energy (program developer/owner's rep)
- Project EPC / Installer: Radiance Solar (design & build for 43 sites)
- Project Owner / Operator: National Self Storage

Project Overview

National Self Storage Chain – Multi-Site Portfolio is a 4.1 MWdc (~3.0 MWac est.) rooftop solar program spanning 43 facilities across Atlanta, GA and the Birmingham/Montgomery, AL metros, developed by Pivot Energy, engineered and built by Radiance Solar, owned/operated by a national self-storage chain, and commissioned in phased deployments during 2020–2021. The portfolio utilizes Boviet Solar's top-performing PV modules (with additional manufacturers) and leverages Georgia Power's pilot net-metering to stabilize energy costs at climate-controlled units.

The program delivers clear economic, social, and environmental benefits at portfolio scale. Collectively, the arrays generate an estimated ~5.7 GWh/year, enough to power ~530 U.S. homes (based on EIA's national average household consumption). Economically, standardized designs, multi-site procurement, and participation in the GA pilot net-metering window reduce operating costs and hedge rate volatility for dozens of facilities. Socially, the highly visible rooftops showcase corporate sustainability across multiple communities while supporting local electrical and roofing trades. Environmentally (Estimated), ~5.7 GWh/year from the portfolio avoids ~2,530 metric tons of CO_2, saves ~4.0 million liters of water, and eliminates ~2,675 short tons of coal annually, equivalent to removing ~565 cars from the road or planting ~41,000 trees each year.

Economic Benefits

By aggregating 43 rooftops into a single program, the client captured scale efficiencies in engineering, permitting, procurement, and construction sequencing while standardizing O&M across locations. The sites reduced a volatile operating expense, electricity for climate-controlled storage, by pairing onsite generation with utility bill-credit mechanisms (including Georgia Power's pilot net-metering), creating predictable savings across the portfolio life. Local design, electrical, and roofing crews benefited from multi-year, multi-site workstreams.

Social Benefits

The portfolio demonstrates a repeatable decarbonization model for national retailers with dispersed real estate: replicate a vetted rooftop design, deploy it regionally, and deliver measurable sustainability results at each community location. The installations provide visible proof-points of the brand's climate commitments, engage employees and customers, and support local jobs across Georgia and Alabama.

Environmental Benefits (Estimated)

Generating approximately ~5.7 GWh/year, the portfolio avoids ~2,530 tCO_2e, saves ~4.0 million liters of water, and eliminates ~2,675 short tons of coal each year, equivalent to removing ~565 cars from the road or planting ~41,000 trees.

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