



GARROW RESIDENCE

Project Highlights

- **Project Name:** Garrow Residence
- **Project Type:** Residential Solar I Rooftop System
- **Project Location:** Texas, USA
- **Project Size:** 4.5 kW DC
- **Project Commissioning Date:** June 2019
- **PV Module Supplier:** Boviet Solar
- **Project Owner:** Garrow Family
- **Project Installer:** Advance Solar & Electric

Project Overview

The Garrow Residence solar system is a 4.5 kW rooftop solar installation located in Texas. Developed and installed by Advance Solar, owned by the Garrow Family, and powered by Boviet Solar's top-performing PV modules, the fully grid-tied system supplies renewable electricity directly to the household.

The project delivers a full spectrum of benefits. Economically, it offsets a significant share of the home's annual electricity consumption, reducing monthly utility expenses, stabilizing long-term budgeting, and providing protection against rising energy costs. Socially, it demonstrates the Garrow Family's leadership in adopting renewable energy, supports local clean-energy employment through Advance Solar, and inspires neighboring households to consider solar adoption. Environmentally, the system generates approximately 6,400 kWh of clean electricity annually, avoiding ~5.5 metric tons of CO₂ each year. This impact is equivalent to planting more than 90 trees, saving around 240,000 gallons of water, or eliminating nearly 6 short tons of coal. Over its 25+ year lifetime, the system will prevent more than 135 metric tons of CO₂ emissions, reducing the family's carbon footprint while improving local air quality.

Economic Benefits

The Garrow Residence solar system produces approximately 6,400 kWh of clean electricity annually, offsetting a substantial portion of the household's daytime energy use. This translates into consistent monthly savings, shielding the family from utility rate volatility and delivering long-term financial stability. At the time of installation, the federal Investment Tax Credit (ITC) and local incentives further improved affordability, making solar energy an attractive investment. Over its operational life, the system strengthens household financial resilience and adds long-term value to the property.

Social Benefits

The Garrow Residence solar system represents the family's proactive commitment to sustainability and community leadership in renewable energy adoption. Installed by Advance Solar, a Texas-based company, the project contributed to local employment while reinforcing the value of supporting regional clean-energy providers. The visible adoption of residential solar energy encourages other families in the community to explore renewable energy solutions, helping to accelerate the clean energy transition at the local level.

Environmental Benefits (Estimated)

By generating approximately 6,400 kWh of clean electricity annually, the Garrow Residence solar system avoids about 5.5 metric tons of CO₂ emissions each year. This reduction is equivalent to planting more than 90 trees annually, saving roughly 240,000 gallons of water, or eliminating nearly 6 short tons of coal. Over the course of its 25+ year lifespan, the system will prevent more than 135 metric tons of CO₂ emissions, equivalent to permanently removing over 28 gasoline-powered cars from the road. The project reduces the household's carbon footprint, supports climate change mitigation, and contributes to cleaner air and healthier communities across Texas.

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