



VISTA GRANDE VILLA

SENIOR LIVING FACILITY
JACKSON, MI | CASE STUDY

Vista Grande Villa has successfully implemented a 68.8kW roof-mounted solar array. This initiative has resulted in \$18,114 of annual cost savings.

AT A GLANCE

CHALLENGES

- Initial Investment
- Long-Term Planning
- Energy Usage Complexity
- Utility Hurdles
- Healthcare Facility Protocols

BENEFITS

- Energy Independence
- Protect Against Rising Utility Rates
- Energy Cost Savings
- Support for Mission & Values
- Operational Efficiency

"This solar energy initiative was both led and supported by our residents, reflecting a shared commitment to sustainability, smart planning, and long-term affordability for our community. Partnering with Harvest Solar and Jake Schuster made this a smooth, well-managed process. Their clear communication and deep understanding of our goals helped us move forward with confidence and clarity."

CHELSEA EISELE

Executive Director of Vista Grande Villa



Scan the QR Code to learn more about Vista Grande Villa's Solar Success Story!

OBJECTIVES

Vista Grande Villa, a luxury senior living facility in our community, is committed to delivering exceptional care and comfort to its residents. With more than 50 years of trusted service, they've built a thriving, supportive environment where seniors feel safe and empowered. Recognizing the high energy demands required to maintain their high standards of comfort and care, they began exploring alternative energy solutions to ensure greater peace of mind and sustainability for the future.

SOLUTIONS

Already known for their premium accommodations and extensive services, Vista Grande Villa has taken another step forward by investing in solar energy. Their commitment to top-tier resident experiences goes beyond exceptional care — it includes smart, sustainable decisions. In partnership with solar consultant Jake Schuster, they utilized their expansive rooftop to install a 68.8kW solar system, to generate clean energy on-site. This strategic move offsets a large portion of their energy use and locks in stable energy costs amid rising utility rates. Most importantly, the savings are passed directly to residents, helping keep services affordable without compromising quality. By embracing renewable energy, Vista Grande Villa strengthens its role as a leader in senior living — blending innovation, environmental responsibility, and financial foresight.

FAST FORWARD

Estimated kWh Generation

This solar array has a nameplate capacity of 68.8kWdc and is estimated to generate approximately 84,739kWh per year.

Estimated Savings

The projected savings on utility bills over 30 years from this solar array amount to \$1,057,187.62.

Estimated CO2 Offset

The solar array's estimated CO2 offset is equal to the emissions from burning 3,946 barrels of oil.

Estimated Tax Incentives, Rebates, etc.

Vista Grande Villa, a non-profit organization, took advantage of the IRS Direct-Pay Program along with the Michigan Saves Bridge Loan Program to bring their estimated ROI down to just 8 years.