



OUTDOOR RATED NON WALK-IN MV GIS

In Q3 2024, Kratos collaborated with a leading advanced manufacturing client to deliver a custom-engineered medium voltage switchgear solution, supporting both backup power and demand-side energy management at a mission-critical facility in the southern United States

Key Solution Highlights

- **Voltage Supplied:** 38kV (This application was engineered for a region typically operating at 24.9kV, demonstrating Kratos' flexibility to support non-standard voltage requirements.)
- **Enclosure Design:** Outdoor-rated, non walk-in, arc-resistant, GIS configuration with full UL certification.
- **Controls Integration:** Advanced SCADA, metering, and relay protection designed to interface with complex site infrastructure and energy storage systems.
- **Thermal Management:** The system leveraged fan-based cooling to effectively manage thermal loads, ensuring long-term reliability without the need for integrated HVAC systems.
- **System Integration:** Delivered as part of a fully integrated solution, with Kratos verifying full system compliance, ensuring seamless SCADA integration, battery systems for control power, energy storage, functionality, and hands-on support throughout on-site commissioning.

Why Kratos

- Complete U.S.-based manufacturing with in-house sheet metal fabrication, copper bus bar machining, and CNC capabilities.
- Engineered-to-order MV solutions from 5kV to 38kV for unique customer demands across BESS, DER, renewables, and industrial markets.
- Accelerate lead times while maintaining UL compliance and regulatory standards.
- Proven ability to guide customers through undefined scopes, developing tailored solutions where major OEMs lack flexibility.

This project demonstrates Kratos' role as a true solutions provider, helping customers clarify needs, overcome ambiguity, and receive fully customized, American-built switchgear that others are unable to deliver.



