AURORA ENERGY SERVICES

Electrical Services

Grace Port Installation

Objectives

We provide professional installation and retrofitting of Grace Technologies Permanent Electrical Safety Devices (PESDs) on inverters and battery enclosures across solar and BESS sites. By bringing voltage presence and absence testing outside the panel, Grace PESDs let technicians verify electrical conditions without opening live equipment. The result is a safer site, simpler maintenance, and significantly reduced arc flash risk.

Our Solution

Installation and retrofitting of Grace Technologies Voltage Presence and Absence Testing Devices (PESDs) across inverter and battery enclosures.

Compliance-driven approach supporting NFPA 70E standards and reducing the need for high-level PPE during routine maintenance.

Delivered compact, reliable, and cost-effective testing solutions to both new-build and existing renewable energy assets.



At a Glance

Challenges

- Complex Lockout/Tagout (LOTO) procedures in high arc flash risk environments.
- Ensuring seamless integration of PESDs within diverse site configurations and enclosure types.

Value to client

- Significantly enhanced technician safety by enabling panel-free voltage testing.
- Reduced arc flash exposure and PPE requirements, improving operational efficiency.
- Faster, more reliable maintenance processes — minimising downtime.
- Future-proofed sites with cost-effective, code-compliant technology.
- Supported client alignment with industry best practices for electrical safety and compliance.

Contact Us

info@auroraenergy.co

auroraenergy.co