



CLEAVELAND PRICE INC

CLEAVELAND PRICE PAD CONTROLLER BRINGS AUTOMATION TO EXISTING FLEET OF PADMOUNT SWITCHGEAR



BENEFITS

- Installed onto new or existing PME / PMH switchgear from any manufacturer.
- Plug & Play: Pre-wired to the customer specified communication equipment.
- Allows for full automation via seamless integration to customer's SCADA system.
- Installation completed in hours without a mandatory outage.

THE CHALLENGE

A large IOU in Florida desired more visibility on their existing underground network to increase system reliability, efficiency and monitoring capabilities. With the ultimate goal of creating a self-healing system, they needed a way to retrofit their existing fleet of PME gear with an automated motor operator. At the same time, the intent was to incorporate their specified communication devices and sensing equipment to allow for power quality management and increased fault locating capabilities. To achieve these goals the customer needed an industry partner, enter Cleaveland Price.



Lifting device developed to aid in installation.



Real time monitoring capabilities of customer installed CT & PT devices.



Custom Control Cabinet - Ability to accommodate specific customer demands.

THE SOLUTION

The Cleaveland Price PAD motor operator in base form already brings the performance and safety features expected from a motor operator in a critical features package essential for automation reliability. Package includes automatic load disconnect, No-Go function, LED status indicators, temperature compensated battery charger, stallout timer with auto-reset, dual power source for motor, SMURFF surge protection and the capability to accept the customer's specified RTU and communication devices. All this wrapped in a sealed powder coated Al enclosure utilizing stainless hardware. Working closely together, Cleaveland Price and the customer modified the standard PAD motor operator into a custom solution that delivers with an SEL 2411 controller, SEL 3622 Security Gateway, ABB Test Switches and pre-terminated wiring for radio and antenna. Within a couple hours they can install the PAD and achieve all their automation goals.



Scan QR Code for more information



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