



Advanced Energy Lab

Advanced Energy Lab Overview

At Ulteig, we understand that building reliability into substations is a critical requirement for power delivery. Ulteig's Advanced Energy Lab helps you and your substation projects avoid many of the pitfalls of in-field testing, allowing you to get your system into the field faster.

We pretest supervisory control and data acquisition (SCADA) programs, programmable automation controller (PAC) configurations, relay communications, communication networks, and data parameters passed via multiple protocols. Our engineers design, configure and test programs, relay settings and communication networks, and develop data maps and data point lists. We also use the Advanced Energy Lab to develop better techniques and train personnel, benefiting your substation projects before they're even constructed.

Service Offerings

- Integration Services – (Testing and Commissioning)
- Protective relay settings
- RTU programming
- PAC configurations
- Meter configurations
- Network testing
- Network design
- Communications testing
- In-house lab program debug/bench testing
- Teaching circuit design checkout
- Teaching substation commissioning practices and techniques
- HMI program development and simulation

DID YOU KNOW?



Ulteig evaluates the success of the company based on the percentage of repeat clients that provide us projects year after year. Approximately 90% of our annual workload is from repeat clients.