



Electrical Equipment & Engineering

Substation Solutions Ltd.

*Putting the Mid-Atlantic
on the Grid*

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We have the knowledge, relationships, and resources to drive power distribution projects from inception to completion. Each engineered solution we provide to our customers is tailored to fulfill a specific need, built on a foundation of trust and collaboration, and solidly grounded by our extensive practical experience.

High Voltage Distribution

- Substation / Switchyard Turnkey Projects thru 500kV
- Packaged Substations & Prefabricated Bus Systems
- Skidded Factory Built Substations
- Control Houses including Relaying, Metering, & SCADA
- Substation Engineering & Design Services

Transformers

- Liquid Filled Medium & Large Power (3MVA to 650MVA/750kV)
- Medium Voltage Dry Type Cast Coil, Encapsulated, or VPI thru 20MVA
- Voltage Regulating, Rectifier Duty, Multi-pulse & Drive Isolation
- Custom Magnetics & Harmonic Mitigating
- Retrofit & Onsite Rebuild Services

Custom Switchgear

- Metal-Clad & Metal Enclosed Switchgear (5kV to 38kV)
- UL1558 Switchgear (208V to 600V)
- Stainless Steel & Coastal Environment (C57.12.29)
- Utility Approved Metering Cubicles
- Power Distribution Centers, Skidded Substations & Portable Substations
- Remote Racking, Breaker Refurbishment, Relay & Device Upgrades

Engineering and Onsite Services

- Power Systems Studies (including Data Collection & Device Tagging)
- SCADA System Design, Supply & Integration
- Power Monitoring System Design
- Field Testing (Commissioning, Relay Setting, Infrared, Transformer)
- Preventative Maintenance
- Lidar Scanning

