



Electrical Equipment & Engineering

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.

### **Switchgear Solutions Ltd.**

*Custom Expedited Power  
Distribution Solutions*

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#### **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 and Metal Enclosed Switchgear (5kV thru 38kV)
- UL 1558 Switchgear (208V to 600V)
- Stainless Steel, Paralleling with Controls & Coastal Environment (C57.12.29)
- Utility Approved Metering Cubicles
- Power Distribution Centers, Skidded Substations & Portable Substations
- Remote Racking, Breaker Refurbishment, Control & Breaker Upgrades

#### **Engineering and Onsite Services**

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

#### **Motor Control and Power Quality Solutions**

- LV & MV Solid State Starters thru 15kV
- LV & MV VFD's thru 6.9kV
- Power Factor Correction – Automatic & Fixed Capacitor Banks
- Reactors, Multi-pulse Drives, Harmonic Filters, and Active Filters
- Retrofits, Synchronous, Wound Rotor, Two Speed & Reversing Starters

#### **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



ONE SOURCE – ONE COMMITMENT



PROVEN PARTNER IN TECHNOLOGY

