



Electrical Equipment & Engineering

### **Switchgear Solutions Ltd.**

*Turnkey Solutions for the  
Industrial Market*

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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.

### **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, Tuned Filters, and Active Filters
- Retrofits, Synchronous, Wound Rotor, Two Speed & Reversing Starters

### **Transformers**

- Liquid Filled Medium & Large Power (5MVA to 650MVA/750kV)
- Medium Voltage Dry Type Cast Coil, Encapsulated, or VPI thru 20MVA
- Voltage Regulating, Rectifier Duty, Multi-pulse & Drive Isolation
- Custom Magnetics
- Retrofit & Onsite Rebuild Services

### **Custom Switchgear**

- MV Gas Insulated Switchgear
- 38kV Arc Resistant & Metal-Clad Switchgear
- Stainless Steel, Paralleling with Controls, Catenary & Arc Furnace
- 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
- SCADA System Design, Supply & Integration
- Process Automation & Instrumentation
- Power Monitoring System Design
- Data Collection, Start Up, Third Party Testing, Oil Sampling & IR Testing
- System Design



VIRGINIA TRANSFORMER CORP

