

ADVANCED POWER SYSTEM ENGINEERING SOLUTIONS

RMS Energy's engineering team provides advanced solutions to modernize your power distribution system and increase reliability using the latest industry standards. With years of experience implementing the latest technology, we engineer and design power solutions for customers large and small, nationwide.

Design. Build. Implement.

We design, build, and implement engineered solutions for complex challenges, including:

- ⚡ Complex protection and control schemes
- ⚡ Switchgear and electrical equipment replacements
- ⚡ Automatic transfer and emergency generator schemes
- ⚡ Turnkey, from initial concept to startup



Safety First

Arc Flash Incident Energy is a serious risk to consider in facility maintenance and planning.

We perform comprehensive short circuit, coordination, and arc flash studies to ensure NFPA 70E compliance and identify potential safety hazards. Our services include:

- ⚡ Short circuit current analysis
- ⚡ Protective device coordination analysis
- ⚡ Arc flash incident energy analysis
- ⚡ Arc flash mitigation



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Life Extension and Reliability

We are experts at improving the reliability and long-term life of your aging critical power equipment, including:

- ⚡ Relay replacements and controls upgrades
- ⚡ Equipment repairs, upgrades, or repurpose
- ⚡ Switchgear and Circuit Breaker Retrofill and Retrofit Inspections and online monitoring

Power Generation Expertise

Our team works alongside yours to support power generation planning needs:

- ⚡ NERC studies, including PRC compliance and MOD testing and verification
- ⚡ NERC auditing and maintenance planning
- ⚡ Incident investigations and root cause analysis
- ⚡ Facility interconnection support



Mechanical Engineering for Distribution Systems

Our expertise in electrical systems includes mechanical design, such as:

- ⚡ Custom electrical bus and switchgear design
- ⚡ Emergency response for equipment failures
- ⚡ Equipment enclosures
- ⚡ Bus bracing studies and ratings evaluation
- ⚡ Replacement parts and components



To visit our website,
scan the QR code with
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