

ENGINEERING SOLUTIONS

RMS Energy's advanced engineering solutions will take your power distribution system reliability to a new level. With our years of experience and effective technology applications, our engineering team services the power solutions of customers large and small, nationwide. Our main goal is to create safe and reliable systems with appropriate redundancy to meet your power system requirements.



OVERALL SERVICES

- Protection and control
- New system design
- Substation design
- Retrofit design
- Certified Energy Management
- SCADA design



ARC FLASH INCIDENT ENERGY ANALYSIS USING SKM, ETAP, AND EASYPower SYSTEM MODELING PLATFORMS

Comprehensive short circuit, coordination and arc flash studies for safety, reliability and redundancy.

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



ENGINEERING SOLUTIONS

AUTOMATIC TRANSFER SCHEMES

Power reliability solutions for sophisticated automatic transfer schemes via implementation of controls for automatic switching between utility and generator sources.

- Emergency generator interface
- PLC-based control schemes with HMI touchscreen operator interfaces
- Data collection and monitoring schemes
- Facility DCS interface
- System testing schedules / application testing / troubleshooting



LIFE EXTENSION AND RELIABILITY

Methods to improve the reliability and long-term life of your critical power generation equipment.

- Motor protection and control upgrades
- Breaker rebuilds vs. LV and MV substation retrofill
- DC steel mill breakers
- Motor control center retrofit and replacement



For more detailed information on this program, scan this code on your mobile device.

RMS Energy

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