



ENGINEERING SERVICES FOR **SYSTEM PROTECTION**



Experience You Can Trust

The EPS E&D System Protection Group (SPG) began performing engineering studies in the late 1990's. Our team averages over 15 years of applicable electrical engineering experience and is proud to include a variety of power engineering backgrounds including utility, generation, transmission, industrial, commercial, institutional and consulting to provide a high level of broad-spectrum expertise.

Here When You Need It Most

With a staff of on call service professionals that know your equipment, we're ready to help when it really counts. Our factory trained and NETA certified technicians are able to respond quickly and get your critical power equipment back online safely and efficiently.

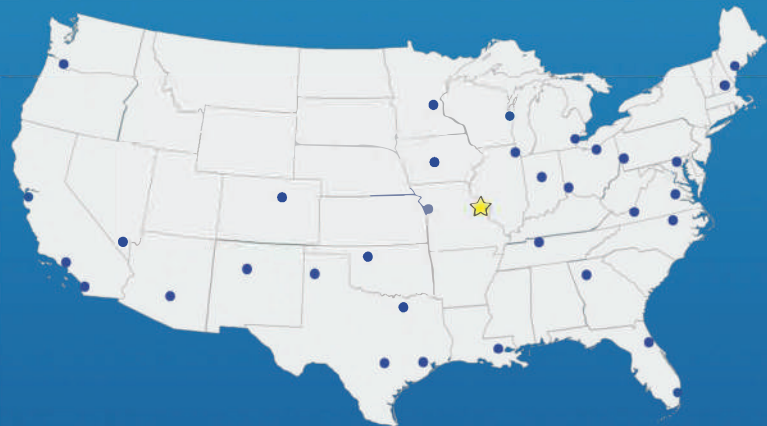
One Source

Working with EPS gives you access to a team of experienced industry experts. EPS provides a total service solution with a single point of contact for coordination and scheduling. Whether you are performing regular maintenance, emergency outages, or expanding your facility, we've got you covered. And as a NETA certified, independent testing and engineering services company, you'll get qualified personnel and unbiased test results and recommendations, regardless of the manufacturer of your electrical equipment.

 1.800.296.6770

www.EPSII.com

Setting The Standard Of Excellence In The Power Industry



National Coverage

With offices conveniently located throughout the U.S. EPS is uniquely positioned to staff your project, regardless of location. We are one of the largest independently owned electrical service companies in the country, capable of handling even the largest and most complex emergencies, maintenance outages, and construction projects.

Engineering services registered in the following states: AL, AR, AZ, CA, CO, CT, DE, FL, GA, HI, IA, ID, IL, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, ND, NE, NH, NJ, NM, NV, OH, OK, OR, PA, SC, SD, TN, TX, UT, VA, VT, WA, WI, WV, WY

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Industrial Studies

- ✓ Short Circuit, Coordination, Arc Flash
- ✓ Harmonics, Load Flow, Motor Starting
- ✓ Power Factor Correction
- ✓ SKM, ETAP, Easypower
- ✓ Power Quality Analysis
 - Field Harmonic Studies
 - Fluke, PowerSight
- ✓ Medium Voltage Cable Testing Review (PD, TD)
- ✓ Forensic Failure Analysis



Subscriptions

- ✓ Arc Flash Study 5 Year Update
- ✓ Relay Misoperation Analysis
- ✓ Power Quality Reports
- ✓ System Model Owner

Compliance Studies

- ✓ NERC Compliance
 - PRC, MOD
 - Relay Setting Review
 - Model Validation
 - Test Procedures
- ✓ IEEE 519 Compliance (Harmonic Control)
 - Field Harmonic Studies
 - Harmonic Mitigation
 - Fluke, PowerSight
- ✓ IEEE 1547 (Interconnection of Distributed Energy Resources)
 - Relay Settings
 - Test Procedure

Utility Studies

- ✓ Relay Settings
 - Relay Set Point Files
 - Relay Event File Analysis
 - SEL, GE, Basler, Siemens, Square D, Beckwith
- ✓ System Reliability
- ✓ Transmission and Distribution Planning
- ✓ Transient Stability
- ✓ Interconnection
- ✓ PSSE, PSLF, ASPEN
 - Model Validation
 - Model Conversion
- ✓ SCADA, Automation & Integration
 - Turn-Key SCADA Projects
 - RTU Configuration
 - Substation Automation/Smart Grid Design Solutions
 - IEC 61850 Design & Implementation
 - System Upgrades

System Protection Group

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Toll Free: 800-296-6770