



ELECTRICAL CONSULTANTS, INC.

BILLINGS OFFICE: 3521 GABEL ROAD, BILLINGS, MONTANA 59102 • PHONE: 406-259-9933 • FAX: 406-259-3441

Electrical Engineer – Planning Studies

Location: Madison, WI

Description: Electrical Consultants, Inc., a leading power engineering consulting firm, has an immediate opening for an electrical engineer with study experience. ECI specializes in engineering services to electric utilities (substation, protection, transmission) alternative energy systems, communication, oil/gas, mining and heavy industry.

Responsibilities include performing a variety of specialized studies for electrical systems through 500 kV. These studies involve analysis of equipment/project performance for various phenomena including circuit breaker transient recovery voltages under normal system and fault interrupting scenarios, lightning/shielding and insulation system performance, temporary overvoltage and surge arrester performance, coupled/parallel line performance studies, transformer energizing, harmonics studies, load flow and short circuit duty analysis.

Minimum Requirements: MSEE required, power systems emphasis preferred; 5+ years' study experience required; PE licensure preferred, but not required. Must be capable of preparing high quality written engineering reports and have excellent communication and organizational skills. Experience in the following software packages a plus: PSS/e Dynamics, PSLF Dynamics, Powerworld, PSCAD™, EMTP-RV, ATP, Matlab, MathCad, Aspen, CAPE and other specialized software. Successful applicant must meet ECI's auto insurance carrier requirements. Successful applicant may be subject to client mandated drug and background checking. **Successful applicant must not require immigration sponsorship now or in the future.**

Salary commensurate with experience and education. Benefits include:

- Medical, dental and vision insurance
- Flexible spending account
- Health savings account
- Life insurance
- Disability insurance
- 401(k), profit sharing and employee stock ownership plan
- Paid vacation, personal days and holidays
- Continued professional education reimbursement

Electrical Consultants, Inc. (ECI) employs over 450 engineers, designers, project managers, surveyors, ROW agents, environmental planners, construction professionals and support staff in 15 offices across the U.S. The firm has 30 years of experience in the planning, engineering and construction of a wide range of power delivery projects including substations, transmission lines, distribution systems, communication systems and industrial facilities. Visit our website at www.electricalconsultantsinc.com.

Submit letter of application, resume and list of three professional references to: hrdirector@ecibllgs.com

An Equal Opportunity Employer

OFFICE LOCATIONS NATIONWIDE

• BILLINGS, MONTANA – (406) 259-9933

• SALT LAKE CITY, UTAH – (801) 292-9954

• MADISON, WISCONSIN – (608) 240-9933

• PHOENIX, ARIZONA – (602) 997-9933

• PORTLAND, OREGON – (503) 747-2235

• SAN DIEGO, CALIFORNIA – (619) 398-9370

• MANKATO, MINNESOTA – (507) 388-9933

• TUCSON, ARIZONA – (520) 219-9933

• DENVER, COLORADO – (720) 536-8261

• TULSA, OKLAHOMA – (918) 296-7911

• CRANFORD, NEW JERSEY – (908) 967-6363

• ORLANDO, FLORIDA – (407) 960-1796