



Team of Position
Power Team
Reports To
Power Team Lead
Office Location
Liberty Lake
& Helena
FLSA Status
Exempt

Senior Power Engineer

H2E inc. is an electrical engineering and design consulting firm that services industrial clients in diverse industries. We exist to solve problems, and to make each client's facility better, cleaner, and safer. With offices located in both Liberty Lake, Washington and Helena, Montana, we employ and develop talented individuals who strive for excellence in their field.

Position Summary:

You will work with other engineers, designers, and clients to develop electrical power-related systems for our clients. You will have the opportunity to power factories, sawmills, mines, manufacturing plants and hydroelectric facilities. Your creativity is required.

The best candidates possess functional knowledge of electrical power and distribution systems. They can perform assignments designed to develop professional engineering work, knowledge, and abilities. It requires application of standard techniques, procedures, and criteria in carrying out a sequence of related engineering tasks. Demonstration of judgement is required on details of work and in making decisions and adaptations of alternatives to engineering.

Essential Responsibilities:

Technical

- Gains and applies a working knowledge of current principles and practices of power engineering.
- Assists with medium voltage substation design.
- Assists with short circuit, load flow, and relay coordination studies utilizing knowledge of modern modeling software.
- Assists with the development of medium voltage and low voltage one-lines, three-lines, interconnection drawings and schematics.
- Read and interpret control systems, construction, and installation drawings.
- Assists with the development of medium and low voltage equipment and construction specifications.
- Assists with performing fieldwork including start-up, testing and commissioning of medium and low voltage equipment.
- Observes construction activities and visits construction/plant sites and fabrication shops during design phase on as required basis.

Leadership / H2E & Project Management

- Obtains a working knowledge of project execution concepts and practices.
- Assigns tasks to and coordinates with technicians, administrative staff and supports Senior and Principal Engineers.
- Assists with proposals to provide professional services.
- Assist in completing projects within scope, on time and on budget with safety and quality requirements met.
- Monitors project execution via project schedules.



Communication

- Represent the organization in communications and documentation pertaining to aspects of assigned engineering tasks.
- Interacts with contractors, clients, and facility operators.
- Possesses effective oral and written communication skills.

Ownership / Growth / Direction

- Develop the ability to work independently with minimal supervision upon assignment of tasks. May require some technical and/or procedural help.
- Continual self-improvement in latest technology and equipment in the industry.
- Continual self-improvement in interpersonal skills and effective oral and written communications.
- Follow Company policies, procedures and work instructions as found on the Company network.

Minimum Qualifications:

- Must be able to work in the U.S without current or future sponsorship.
- Bachelor's degree in engineering from an ABET accredited program.
- preferred EIT certification.
- Knowledge of electrical power system modeling techniques (i.e. ETAP, SKM, and/or Easy Power) preferred.
- Working knowledge of construction techniques preferred.
- Ability to effectively obtain, develop and communicate technical information to both clients and customers.
- Ability to work efficiently and effectively when managing multiple tasks.
- Effective oral and written communication and excellent interpersonal skills with the ability to work through the resolution of project related issues.
- Must be self-motivated, results oriented, and be flexible to work well under tight schedules in a fast-paced team environment.
- Efficient in the use of MS Office software suite: Outlook, Excel, Word, OneNote, Project and Access.

Compensation:

- Competitive Wages (\$100,000 - \$130,000 DOE)
- Health/Dental/Vision Benefits
- 401k/Profit Sharing
- Flexible Hours
- Holiday, Sick, and Vacation Time
- Opportunity for Advancement
- Amazing Team Environment

How to Apply:

Please review the position posting and respond with cover letter and resume. Apply via E-mail to recruiting1@H2Einc.com.