

# Senior Power Engineer

Technically, you're a top engineering talent who knows the scope, drives the schedule and manages the budget. We are H2E, an electrical engineering consultancy in the Spokane, Washington area. Like you, we insist on excellence in engineering, project management, teamwork and leadership. We're also intentional about ongoing skills development – our clients and your potential demand nothing less.

## **About Your Work:**

In a performance-driven, team environment, you will:

- Deliver value in engineering and process management for industrial clients
- Model engineering excellence and inspire team members to grow.
- Anticipate challenges and manage them before they impact the client.
- Perform industry-leading power system engineering
- Commission power system upgrades
- Coordinate project activities; communicate changes and document progress
- Assist with proposal development for professional services, preparing and managing scopes, budgets, and schedules.

## **What You'll Need:**

- 5+ years of success with a Consulting Engineering firm or in an industrial/utility environment
- Bachelor's Degree in Engineering from an ABET accredited program
- Proven knowledge of electrical power system modeling techniques. ETAP, SKM, and/or EasyPower experience
- Substantiated expertise in design of medium voltage industrial and utility power systems
- Ability to develop and communicate technical information to both clients and customers
- Ability and willingness to travel to client sites for project scoping, commissioning and startup
- PE licensed preferred or ability to obtain PE within one year of hire

Industries H2E serves include Mining, Light Metals, Hydro Electric, Cement, Aggregates, Water and Waste Treatment Plants, Electric Utilities, Dept of Energy, and Wood Products.

**What H2E offers:**

- Competitive Wages
- Health/Dental/Vision benefits
- Flexible hours
- Holiday, Sick, Vacation,
- Opportunity for Advancement
- Amazing Team

**How to Apply:**

Please review the position posting and respond with cover letter and resume.

- Email: [recruiting1@H2Einc.com](mailto:recruiting1@H2Einc.com)
- Mail: H2E Inc, 23305 E. Knox Ave, Bldg A, Liberty Lake, WA 99019
- Fax: 509-927-2422



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Liberty Lake, WA 99019  
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**Title of Position**  
Senior Power Engineer

**Team/Department**  
Engineering Department

**Reports To**  
Assistant Director of Engineering

### **Position Summary:**

The Senior Power Engineer delivers project-leading technical value for clients and team members, based on professional knowledge and abilities. This work requires the application of standard engineering techniques, procedures, and criteria. Demonstration of judgement is required to apply criteria, comply with procedures and use/enhance techniques.

### **Essential Responsibilities:**

#### **Technical**

- Performs and coordinates power distribution and/or substation design.
- Performs short circuit, load flow, and relay coordination studies.
- Develops one-line, plan drawings, cable schedules, interconnection drawings, and schematics
- Reads and interprets control system, construction and installation drawings.
- Develops equipment specifications and construction specifications
- Independently evaluates, selects, and applies standard techniques, procedures, and criteria.
- Works on a major project or several projects of moderate scope with complex features.
- Designs a complete project system, component, or process and reviews for conformity and quality assurance.
- Develops new techniques and/or improves processes, materials, or products.
- Conducts experiments, analyzes and interprets data to formulate and solve problems.
- Performs fieldwork (start-up, testing and commissioning of medium and low voltage equipment) and technical research
- Visit construction/plant sites and fabrication shops during design phase on as required basis.

#### **Project Management**

- Assigns tasks to and directs engineers, technicians, and administrative staff.
- Plans and coordinates detailed aspects of the engineering work.
- Prepares scopes, budgets, and schedule for assignments.
- Assists with proposals to provide professional services or obtain funding for engineering projects or programs.
- Attends project meetings and presents specific aspects of engineering assignments.

#### **Best Practices**

- Demonstrates best practices as the project technical lead while mentoring engineering and design personnel
- Represents the organization in communications and conferences pertaining to broad aspects of engineering assignments.
- Possesses advanced oral and written communication skills.

### **Position Qualifications/Requirements:**

- Minimum of five years' experience with a Consulting Engineering firm or Industrial/Utility environment.
- Bachelor's Degree in engineering from an ABET accredited program.
- EIT certification required
- PE licensed preferred or ability to obtain PE within one year of hire
- Proven knowledge of electrical power system modeling techniques. (i.e. ETAP, SKM, and/or EasyPower)
- Substantiated expertise in design of medium voltage industrial and utility power systems
- Working knowledge of construction techniques
- Ability to obtain, develop and communicate technical information to both clients and customers
- Ability to work efficiently and effectively when managing multiple tasks.
- 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, and Access