



Senior Power Systems Electrical Engineer

Company: Electric Power Systems, Inc.
Location: Anchorage, Palmer, Juneau or Fairbanks, AK
Base Pay: \$125,000 – \$165,000 / Year DOE
Employee Type: Full Time Position
Job Type: Engineering
Req'd Education: BSEE Degree, PE Preferred
Req'd Experience: 7-10+ Years in Electrical Engineering
Req'd Travel: Minimal

Contact: Melanie Coar
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Description:

Electric Power Systems, Inc is a unique company offering a wide range of services in the areas related to small and large utilities, industrial customers and Independent Power Producers. We provide power system operation studies and troubleshooting, design of new facilities and upgrading of existing facilities, consultation and studies. We provide services including the design of substations through 230 kV, power plants from 100 kW to 25 MW, protection, control and monitoring systems including SEL based relays and PLC based SCADA systems. We have completed many PV based systems in remote located and have integrated both PV and Wind power generation into remote diesel power plants.

Through our sister company, we offer unique design/build services for a wide variety of projects from power plants to substations, transmission and distribution systems. We are currently seeking a skilled Senior Power System Electrical Engineer to join our Alaska team.

Responsibilities:

- Will work with other subject matter experts within the company in substation design, power system studies, protection & coordination, diesel power plant design
- Will be a technical lead project manager in a company of over 40 professional engineers
- May be responsible for the performance of or directing other engineers analyzing low voltage, medium voltage power systems, designing substations and power plants in unique environments, and project management
- Will be responsible for developing controls and design for the integration of power generation of various technologies into the same plant
- Required to prepare reports using Microsoft word
- Develop proposals and project schedules for projects
- Required to manage your own projects and direct others including tracking project data requests, data submissions, progress submissions to clients and comments from clients

Requirements:

- Must be a team leader
- Excellent communication skills and problem-solving skills
- Experienced in project scoping, estimating, and detailed electrical design
- Experiences in management of and technical lead for, entry level engineers
- Strong computer skills in Microsoft applications
- Software experience in AutoCAD, SEL, Woodward, Comap, Basler, GE, ETAP, EasyPower, SKM and PowerWorld
- Knowledge of VFD controls and applications
- Field experience is preferred, but not required
- Microgrid, power plant or utility experience a plus, but not required.
- Experience in off-grid applications and integration of wind, solar, hydro generation preferred.
- Capable of project site visit and project scoping with clients.
- Ability to work independently and on multidiscipline engineering teams.
- PE Registration required, or ability to obtain an Ak PE within 6 months

Benefits:

Electric Power Systems offers a great benefit package including Medical, Vision, and Dental Insurance, Life Insurance, Long Term Disability, 401(k) Plan, Employee Assistance Program, Paid Vacation, and Paid Holidays.

Electric Power Systems, Inc. is an Equal Opportunity Affirmative Action employer that values diversity at all levels. We consider candidates for all positions on the basis of qualifications and without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, marital status, protected veteran status, disability and any other legally protected status. Minorities, women, veterans and individuals with disabilities are encouraged to apply. We are an EEO/AA employer.

Electric Power Systems, Inc. is a smoke-free and drug free company.