



Senior Protection Engineer

Company: Electric Power Systems, Inc.
Location: Olympia, WA/Anchorage, AK
Base Pay: \$125,000 – \$175,000 / Year DOE
Employee Type: Full Time Position
Job Type: Engineering
Req'd Education: BSEE Degree, PE Preferred
Req'd Experience: 5+ Year
Req'd Travel: Minimal

Contact: Melanie Coar
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Electric Power Systems, Inc is a unique company offering a wide range of experience and education in the area of power system operations, design, consultation and studies. We provide extensive services from planning studies, design and construction, to periodic testing and maintenance. We are currently seeking a skilled Electrical Engineer with a passion for protective relaying and power system analysis to join our Anchorage, Alaska or Olympia, Washington team.

Responsibilities:

You'll play a key role in high-impact projects involving the design and analysis of electrical protection systems, including:

- Conducting protection and coordination studies for transmission and distribution systems (5kV–230kV)
- Developing relay configuration files for substations and small-to-medium generation systems
- Performing short circuit and arc flash hazard studies
- Analyzing event reports and test results, and supporting field commissioning efforts
- Creating detailed protection design drawings and technical documentation
- Leading your own projects, from kickoff to closeout—tracking data, coordinating with clients, and managing timelines

Requirements:

- Bachelor's degree in Electrical Engineering (BSEE)
- 5+ years of experience in power system protection and control
- Strong knowledge of protective relay theory and application (SEL, GE Multilin, etc.)
- PE license preferred (or ability to obtain it within a reasonable time frame)
- Experience with short circuit modeling tools (e.g., ETAP, SKM, ASPEN) is a plus
- Clear communication skills, with the ability to write technical reports and lead client discussions

Benefits:

We offer a competitive total compensation package, including:

- Medical, Dental, and Vision Insurance
- 401(k) Plan with a non-elective safe harbor contribution
- Life and Long-Term Disability Insurance
- Employee Assistance Program (EAP)
- Paid Vacation & Holidays
- Health Club Membership
- Optional Supplemental Insurance such as vision, hospital confinement, accident, etc.
- Relocation assistance (if applicable)

Diversity & Inclusion:

Electric Power Systems, Inc. is proud to be an **Equal Opportunity Employer**. We are committed to building a team that represents a variety of backgrounds, perspectives, and skills. We encourage qualified individuals of all races, ethnicities, gender identities, veteran statuses, and abilities to apply.

Note: This is a **drug-free and smoke-free workplace**.