



Power Systems Engineer

Company:	Electric Power Systems, Inc.
Location:	Redmond, WA
Employee Type:	Full Time Position
Job Type:	Electrical Engineering
Required Education:	BSEE Degree; MSEE Preferred
Required Experience:	Entry Level; 1+ Years Preferred; E.I.T. Preferred
Required Travel:	Minimal
Contact:	Melanie Coar - mcoar@epsinc.com

Description:

Electric Power Systems, Inc. is a unique company offering a wide range of experience 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 knowledgeable and highly-motivated Power Systems Engineer to join our Studies Team based in Redmond, Washington.

Responsibilities:

A successful candidate will have a basic understanding of the utility industry including power generation, transmission, control, protection, and compliance. Knowledge of core power systems topics is key, including but not limited to: 3-phase power, power flow algorithms, transmission lines, and transient stability. The successful candidate will be responsible for performing multiple different types of power systems studies under the direction of a Senior Engineer including: planning studies, short-circuit analysis, interconnection studies, & remedial-action scheme design. He or she will be responsible for analyzing large sets of field test data, operational power system data, and event recordings in order to manipulate and develop dynamic models for simulating the response of the power system. One key skill is the ability to decipher simulation results and effectively communicate those results and recommendations both orally and in writing. In general, a successful candidate will be able to draft proposals, provide progress reports, write in-depth technical documents, manage schedules & budgets, and build client relations.

Prior knowledge of some or all of the following programs/software is beneficial: PSS/E, PSLF, PSCAD, DigSilent, PowerWorld, ASPEN, ETAP, Matlab/Simulink, Scripting Languages (e.g. Python, Perl, etc.).

Benefits:

Electric Power Systems offers a great benefit package including Medical/Vision/Dental Insurance, Life Insurance, Long Term Disability, 401(k) Plan, Health Club Membership, 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.