

Electrical Engineer/Power System Analyst

Electrical Engineer/Power System Analyst Olsson Industrial Electric seeks an Electrical Engineer/Power System Analyst in Springfield, Oregon. If you are looking to join a dynamic team and to work for an organization that provides exciting challenges and opportunities for professional growth, don't pass up this opening with Olsson Industrial Electric, Inc.

Duties include, but are not limited to;

- Design powerhouse, utility, and industrial electrical systems meeting NEC and NESC standards (high voltage (up to 230 kV), medium voltage (1000 V to 69 kV), and low voltage (24 V to 1000 V).
- Conduct power system studies, including short circuit current calculations, load flow, protective coordination, arc-flash calculation and harmonic analysis.
- Conduct planning and feasibility studies for powerhouse, industrial, and utility power systems.

Position requires:

- Masters of Science in Electrical Engineering and at least 2 years of experience in the fields of power system or electrical machine engineering
- Experience in modeling steady-state and dynamic components (e.g., generator, governor, exciter, load, and energy storage) of power systems in various platforms.
- Experience in modeling and analysis of power system dynamics and transient stabilities in response to various disturbances.
- Experience in researching and modeling renewable energy resources about their impacts on both robust grids and microgrids in different time spans for planning and feasibility purposes.
- Experience in testing, modeling, and control of electrical machines and power electronics equipment.
- Experience in protective relaying regarding power system protection and coordination.
- Experience with MATLAB, C Language, or Python in mathematical modeling and data analyzing.

If you meet the qualifications for this position, and you'd like to work in an organization that puts people at the top of the priority list, please complete our online application or send your resume to hr@olssonelec.com. We are an Equal Opportunity Employer of Females, Minorities, Protected Veterans and Qualified Individuals with Disabilities

Job Type: Full-time

Salary: Competitive, DOE