

ENGINEER, GRID PLANNER

It is the role of a Grid Planner at ColumbiaGrid to be involved in engineering and power flow studies designed to analyze and plan new transmission facilities on a single-utility basis over ColumbiaGrid's multi-utility footprint in the Northwest. Additionally this person will take a role in collaborative Study Teams to identify and evaluate solutions, including non-transmission alternatives, to relieve identified deficiencies in the regional grid.

RESPONSIBILITIES TO INCLUDE THE FOLLOWING:

- Identifies transmission projects, including non-transmission alternatives, required to ensure the reliability and efficiency of the future grid.
- Conducts and documents planning studies (i.e., power flow and stability analyses).
- Works collaboratively within Study Teams made up of participating utilities and other interested parties to seek solutions for identified transmission deficiencies.
- Maintains knowledge of policy issues at the regional and national levels.
- Represents ColumbiaGrid's interests in Western Electricity Coordination Council (WECC), North American Electric Reliability Council (NERC), Northwest Power Pool (NWPP) and other forums.

MINIMUM QUALIFICATION REQUIREMENTS:

- Bachelor's Degree in engineering and/or a combination of 5 years of utility industry experience resulting in demonstrated technical, business, operational, and interpersonal skills as described above.
- Demonstrated experience and understanding of Power Engineering principles.
- Knowledge of electrical substations, transmission lines, and high voltage equipment.
- 3 or more years of directly related experience (Planning or Operations).
- Experience using standard office tools such as MS Office.
- Experience conducting power flow and stability studies.
- Ability to work effectively in a team environment as a team member.
- Excellent oral and written communication skills.
- Ability to set and meet deadlines and to work effectively with minimal supervision.
- Ability to provide timely assessments with limited information and/or assumptions.

PREFERENCE WILL BE GIVEN TO CANDIDATES WHO HAVE THE FOLLOWING:

- Master's degree in Electrical Engineering.
- Experience working in industry groups.
- Expertise in an area of power system analysis.
- Five or more years experience in planning transmission facilities.
- Familiarity with the impact that northwest hydro generation plays in transmission studies.
- Familiarity with the Northwest transmission system.
- Professional Engineering license.

SALARY and BENEFITS: ColumbiaGrid offers comparable salary and benefits

JOB LOCATION: Portland, Oregon