



Job Title: Entry-level / Junior Transmission Planner

Location: Flexible / Hybrid

Company: Nexiom Energy Consulting

Salary: \$67,000 - \$80,000

About the Role

Nexiom Energy Consulting is seeking a motivated, entrepreneurial engineer to perform transmission planning studies and analysis to support operations, business growth, and team growth.

This hybrid role is ideal for someone who thrives in a fast-paced environment and can wear multiple hats.

Key Responsibilities

- Support and manage different consulting engagements related to power system studies for transmission interconnection projects
- Perform power system modeling and analysis
- Participate in business development including identification of new work, preparation of proposals, providing input project scope, approach, schedule, and budget
- Develop and maintain up-to-date knowledge of industry technology and applications of new technologies

Qualifications

- Bachelor's Degree in Electrical Engineering or sufficient industry experience is considered in lieu of advanced degree
- 2-4 years of relevant engineering experience



- Experience and interest in load flow and contingency analysis to identify transmission thermal and voltage constraints as well as to identify transfer capability limits
- Experience in using transmission planning software for load flow modeling, contingency analysis, and stability analysis using PSS/E, PSLF, TARA
- Strong communication, networking, and relationship-building skills
- Highly organized, proactive, and adaptable
- Interest or experience in energy, utilities, or infrastructure is a plus

Valued But Not Required Skills and Experience

- Experience in stability analysis to identify critical clearing times, identify voltage constraints and analyze power system damping
- Experience in electromagnetic transient analysis using PSCAD
- Experience in short circuit analysis and using software programs CAPE or ASPEN
- Knowledge of power regions and ISOs/RTOs, such as: PJM, MISO, NYISO, ERCOT, SPP, CAISO, WECC, SERC, ISO-NE
- Experience in Python, Java Script, or other scripting languages

Why Join Nexiom

- High-impact role with direct exposure to leadership
- Opportunity to shape growth strategy and company direction
- Collaborative, agile, and entrepreneurial environment



Open to all applicants regardless of religious and/or political affiliation (compliant with Equal Employment Opportunity Commission (EEOC) standards)