

Job Title: Associate / Senior / Lead Transmission Planners

Location: Remote / Flexible

Company: Nexiom Energy Consulting

Salary: \$85,000 - \$120,000

About the Role

Nexiom Energy Consulting is seeking a motivated, entrepreneurial engineering professional 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

- Manage different consulting engagements related to power system studies for transmission interconnection projects
- Provide guidance and oversight to junior engineers performing 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
- **Associate:** 5+ years of relevant engineering experience
- **Senior:** 7+ years of relevant engineering experience
- **Lead:** 10+ 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)