

Title: Transmission Engineer

Skills: Electrical Engineering and Optimization

Pay: Competitive Salary

Job Site: Los Altos, California

**Job Description:**

LCG Consulting is a R&D organization active in the energy sector. Situated at the center of Silicon Valley, LCG has a rich history of cutting edge consulting activities and model development to support our growing user base in the area of competitive analysis of power markets.

LCG has an immediate opening for a highly motivated Transmission Power Engineer to conduct short- and long-range transmission planning studies and work with clients to develop regional planning studies.

**Responsibilities:**

- Responsible for completing system-wide transmission planning studies and other studies.
- Conduct scenario analyses to ensure recommended transmission system upgrades are robust, in light of significant uncertainties in new generation, fuel prices, environmental regulations, etc.
- Serve as the domain expert on the long-range needs of the ERCOT transmission system, and the long-range system assessment methodology and transmission strategy for the ERCOT System.
- Coordinate new or revised transmission planning techniques and processes to meet system and market needs; recommend protocol or procedural changes for transmission planning matters to perform the functions listed above
- Obtain and review analysis from a broad set of perspectives and work toward consensus on the need for and appropriateness of solutions identified in the functions listed above.

**Requirements:**

- Bachelor's or Master's degree in Electrical Engineering
- Minimum of 3 years of work experience in the power industry in transmission planning and/or energy market analysis
- Proficiency in modeling of electricity systems, energy markets, utility operations, and/or LMP markets using steady-state and security-constrained unit commitment and economic-dispatch models is required.
- Inquisitive and motivated
- Strong writing/verbal communication skills and customer service skills
- Independent working ability
- Project management experience preferred.

Send resumes along with a cover letter indicating job title, earliest availability and expected salary range to [info@energyonline.com](mailto:info@energyonline.com). Additional information about LCG is available at our web-site [www.energyonline.com](http://www.energyonline.com).