

# SENIOR TRANSMISSION ENGINEER

**Skills:** Electrical Engineering and Optimization

**Pay:** Competitive Salary

**Job Site:** Los Altos, California

**Job Description:**

LCG Consulting is an 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 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 the 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 above functions.

**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 energy market analysis

- Proficiency in modeling electricity systems, energy markets, utility operations, and 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 and 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 website [www.energyonline.com](http://www.energyonline.com).