

SENIOR ELECTRICITY MARKET CONSULTANT

Skills: Electricity Market Knowledge, Transmission Modeling, and Generation Expansion

Experience: Experience with UPLAN, PROMOD, Aurora, or Plexos a plus

Pay: Highly Competitive Salary

Job Site: Online or in Los Altos, California

Job Description:

LCG Consulting is an R&D organization located in the San Francisco Bay Area. Our main activities are power market modeling, price and congestion forecasting, and providing consulting services to the electric market participants. Our current undertakings are heavily geared toward evaluating renewable power generation and transmission upgrades.

LCG has openings for highly motivated Sr. Electricity Market Consultants to develop and manage consulting projects using our in-house LMP, congestion, and wind curtailment analysis models.

Primary Responsibilities:

- Partnering with clients and project teams to develop and implement energy studies to support short- to long-term business strategies
- Managing project engagements and project resources to deliver achievable results promptly while understanding the broader implication of the effort on the overall organization
- Perform market simulation and forecast generator costs and revenues from energy and ancillary services using the company's optimal power flow model
- Study federal and regional regulations/proposals on market design, environmental issues, competitive pricing structure, transmission upgrade, etc., and prepare summaries
- Write proposals and reports on energy market modeling
- Academic Training in Electrical Engineering with an emphasis on load flow, and transmission analysis – MS or PhD in Electrical Engineering.

Desired Qualifications:

- Minimum 3 -5 years of relevant industry experience in generation or transmission planning
- Experience in Locational Marginal price forecasting, congestion analysis, and ISO Data models.
- Experience in operation research with a passion for modeling and optimization will be an added asset
- Knowledge of regional electric planning models, power pools and market pricing mechanisms, loads, and transmission grids in one or more NERC regions
- Project management ability with strong short and long-term planning skills to support on-time, on-budget projects
- Logical, organized thinking skills; strong analytical and time-management skills

- Good written and verbal communication skills, including presentations
- Independent working ability, inquisitive and motivated

Send resumes and a cover letter indicating job title, earliest availability, and expected salary range to info@energyonline.com. Additional information about LCG is available at our website www.energyonline.com.