

## **Database Analyst, Economic Modeling- San Francisco, CA**

### ***Department Overview***

Pacific Gas and Electric Company's Integrated Demand Side Product Management (IDSM) group will perform all activities that encompass taking a new offering from idea to business reality and successive stages of improvement. Areas of products include energy efficiency, demand response, energy storage, distributed generation, etc. The Economic Modeling team works together with the Policy and Planning group and product managers in emerging and core product of IDSM group in order to:

- Evaluate product ideas based on quantitative business case analysis
- Identify key business and/or technical drivers
- Harmonize business case inputs across the organization
- Support product development governance processes
- Assess/forecast mid/long-term demand response and energy efficiency potential
- Create and optimize product/rebate catalog databases

### ***Position Summary***

We are looking for a Database Analyst to design, optimize, and maintain product and incentive catalog database. In this role you will develop insights into all of PG&E's energy efficiency and demand response products and rebate programs. Key partnerships include product organization, the policy, planning and performance organization, customer engagement organization and the operations organization.

### ***Responsibilities***

- Design and optimize a database of all product offerings and rebate programs in PG&E's demand response and energy efficiency portfolio
- Perform SQL queries
- Enable web access to database
- Identify, communicate, and resolve data quality problems related to database
- Work with SAS and Access database software
- Provide data mining support to product/program portfolio optimization
- Present progress updates, analytical findings and briefings to senior management and product managers

### ***Qualifications***

#### *Minimum*

- Bachelor's degree in a related field
- 3+ years experience in database analysis and management
- Proficient with MS Access, SAS, SQL Server, MS Excel, VBA, Visio, and PowerPoint,
- Excellent quantitative skills in statistics, probability, regression analysis, Monte-Carlo simulation, etc.

#### *Desired*

- Expertise in business modeling or financial modeling

- Utility experience preferred with subject matter expertise in at least one of the following areas: Energy Efficiency, Demand Response, Energy Conservation or enabling technologies.
- Excellent verbal communication, initiative and solid judgment abilities/skills
- Willingness to work flexible/long hours when needed

### ***Company Overview***

Pacific Gas and Electric Company is one of the largest combination natural gas and electric utilities in the United States, providing electricity and natural gas to approximately 40% of Californians and 1 in 20 Americans. Based in San Francisco, the company is a subsidiary of PG&E Corporation (NYSE:PCG).

We are taking a lead in various parts of our business, including: delivering some of the nation's cleanest electric power, advocating for regulation of greenhouse gases through partnerships, investing in renewables, and supporting our customers through one of the country's most successful energy-efficiency programs—and many other innovative environmental initiatives like ClimateSmart™, a first-of-its-kind voluntary climate protection program. More information can be found at <http://www.pge.com/about/>

### ***Work Hours***

Work hours estimate: 40 hours a week for the first month to develop the database and web interface, 12 hours for the following 5 months for continuous improvements.

After the six months project time, the candidate should have a good understanding of PG&E's business and may seek to get a full time position within PG&E in the IDSM product group or other groups such as IT.

Pacific Gas and Electric Company is an AA/EEO employer that actively pursues and hires a diverse workforce

**Primary Location** USA-CA-San Francisco

To apply, please email your resume and cover letter to Liang Huang: [L1HG@PGE.COM](mailto:L1HG@PGE.COM)