

Business Analyst / Sr. Business Analyst, Economic Modeling at PG&E, 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 Business Analysts/Senior Business Analysts to perform economic analysis on new product development. In this role you will develop business cases, perform market sizing analysis, and offer recommendations based on quantitative modeling. Key partnerships include product organization, the policy, planning and performance organization, energy procurement, transmission and distribution group, customer engagement organization and the operations organization.

Responsibilities

Economic Modeling

- Define the costs and benefits of a new product offering
- Collect inputs from key internal/external stake holders, including product manager, policy and planning group, energy procurement, IT, transmission and distribution group, etc.
- Validate modeling methodology with relevant stake holders
- Build business model
- Run various scenarios and generate insights
- Perform sensitivity analysis to identify key variables
- Validate key assumptions
- Present analytical findings to senior management and product managers

Governance

- Support product governance processes by providing modeling outputs

Data Mining and Analytics

- Statistical analysis on customer data
- Assess/forecast demand response and energy efficiency potential
- Lead projects that utilize internal and/or external resources

Marketing Research

- Employ customer segmentation tools to assess market size of new product/technology
- Apply diffusion theory in product life cycle analysis
- Facilitate marketing study/survey to validate key inputs to business case

Qualifications

Minimum

- Graduate degree or equivalent experience in business management/MBA, engineering, or science
- 3+ years experience in business/financial modeling. 6+ years of business analyst experience for the Senior Business Analyst position.
- Excellent quantitative skills in statistics, probability, regression analysis, Monte-Carlo simulation, etc.
- Proficient with Microsoft Excel, VBA, PowerPoint, Visio and Access/SQL

Desired

- Experience with GIS is preferred
- Marketing research experience is preferred
- 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
- Strong public speaking and presentation abilities, including media and executive-level presence

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/>

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

Primary Location USA-CA-San Francisco

Job Level Individual Contributor / Associate

Schedule Full-time

To Apply, search for job number **10000955** (Business Analyst, Senior) at <https://pgecorp.taleo.net/careersection/2/jobsearch.ftl?lang=en>