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Energy Efficiency Program Sponsor Partner Success Story

Energy Efficiency Program Sponsor Partner

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Business: Customer Energy Efficiency

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Kiongozi's Benchmarking Team provides the first automated integration solution directly connecting utility usage and billing data with EPA's Portfolio Manager.

Project Scope

Kiongozi's consulting team provided technical services to Pacific Gas & Electric Company (PG&E) for the purpose of integrating PG&E customer billing data with EPA's Portfolio Manager. The team partnered with EPA to redesign the data services provided by Portfolio Manager, enabling two-way data integration of customer facilities in Portfolio Manager with their corresponding utility usage and billing data. After EPA completed modification of Portfolio Manager's data services, Kiongozi's consultants designed and integrated a fully automated system to continually keep the facilities of PG&E's customers in Portfolio Manager up to date with the latest utility data.

Project Summary

Kiongozi's consulting team designed and implemented the automated integration of PG&E's internal customer facility energy data with Portfolio Manager. The team produced a secure and reliable data integration system and continues to help keep the system up to date with the latest Portfolio Manager upgrades.

- **Number of Facilities**

The integration system covers all PG&E customer benchmarking through Portfolio Manager automatically. This solution provides the automated transfer of building energy use and cost data for about 1,000 PG&E customer facilities, with plans to serve 40,000 more facilities over the next two years.

- **Energy Savings**

By efficiently connecting utility data with Portfolio Manager, the automated interface allows customers quick access to the consumption data needed to benchmark their facilities while continually monitoring their facility performance into the future. Easy access to accurate facility ratings raises awareness of changes in facility efficiency and generates heightened interest in energy efficiency initiatives that benefit customers and their energy service providers.

- **Cost Effectiveness**

The Kiongozi team's streamlined implementation of the automated interface allowed for minimal IT development costs (<\$100,000). Leveraging the team's depth of knowledge and experience in utility billing systems, energy efficiency program tracking, and database and web service technology equates to superior results and minimized cost expenditure.

- **Other Benefits**

The automated benchmarking solution allows PG&E the ability to easily offer facility benchmarking to their customers while leveraging the features and benefits provided by Portfolio Manager as a value-added service for utility customers. This, in turn, provides a vital service to PG&E for assisting customers in managing their energy consumption, resulting in increased customer participation in utility sponsored energy efficiency, demand response, and alternative generation programs.

Distinguishing Value

Kiongozi is unique in its combined strengths in IT solutions resources, utility data, and energy efficiency related experience. The success of this project now affords PG&E customers who use Portfolio Manager the ability to *continually* monitor the on-going energy performance of facilities by automatically keeping all energy consumption and cost data current.

