



Gerry Valle

Principal Consultant



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EDUCATION

- > B.A. in Applied Mathematics, University of California, Berkeley

CAREER

- > Evergreen Economics
2016 - present

Gerry Valle is an experienced information technology developer with a demonstrated history of working in the renewables and environment industry. Gerry has a strong background in Ruby on Rails, Dev Ops, databases, cloud server deployment and management, as well as developing automated data ingestion and processing solutions at scale. He has developed several products for clients including dashboards, web-based tools and applications for use in data collection, contact resource management (CRM), scheduling, energy efficiency program tracking, inventory and invoicing, data analysis, and project management.

SELECTED INDUSTRY EXPERIENCE

- > **Pacific Gas and Electric Company Home Energy Use Study**
Developed web applications for scheduling onsite visits, recruiting customers for metering installations, and onsite data collection. Designed and implemented a cloud-based data monitoring infrastructure for processing energy meter data.
- > **Southern California Edison Direct Install Program**
Developed application for tracking 50,000+ customers, installation projects, energy savings, and incentives. Features included utility and internal report generation, inventory tracking, invoicing, and integration with utility program tracking software.
- > **Pacific Gas and Electric Company Emerging Technologies Energy Management Information Systems**
Designed and implemented a database for tracking customer electric and gas data. Developed scripts that generated metrics based on various proprietary and public statistical models to determine efficacy of the modeling algorithms.
- > **Pacific Gas and Electric Company Commercial Whole Building Program**
Developed cloud-based data collection system for smart meter data.
- > **East Bay Energy Watch**
Designed website for partnership between local governments and Pacific Gas and Electric Company. Developed application for tracking energy efficiency program goals, energy savings, incentives, and implementation of energy efficient measures. Features included aggregated reporting and integration with utility savings reporting tool.



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SELECTED INDUSTRY EXPERIENCE (continued)

> **MCE CalTRACK Technical Support**

Subject matter expert on development of web tools and database design in support of MCE's development of a web tool that will provide existing customer characteristics and site-level baseline energy usage model fit. Evergreen is providing support with the development of baseline models, advising on the web tool's infrastructure, and providing ad hoc support to MCE's team.

> **Northwest Energy Efficiency Alliance Residential Laundry Field Study**

Developed a recruitment tool for a field study of residential consumer laundry habits. This residential laundry field study leveraged NEEA's 2022 Residential Building Stock Assessment (RBSA) project to collect data on laundry habits in the region served by NEEA.

> **Southern California Edison Wireless Energy Management Systems**

Developed tool for monitoring and analyzing wireless thermostat data. Key features included comprehensive remote management of wireless thermostats, runtime analysis, and weather data collection. Advanced features included statistical modeling of baseline usage and analysis of recommended savings strategies. Additional features included daily energy use profiles, energy usage scatterplots, load and weather data analysis, end use analysis, energy efficient measure recommendation, and generation of customer reports.