



Blake Killingsworth

Senior Analyst



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EDUCATION

- > Double majors in Economics and Psychology with honors, academic distinction, *summa cum laude* – Whitman College, WA

CAREER

- > Evergreen Economics
2022 – current
- > Acumen, LLC
2020 – 2022
- > Ship Creek Group, LLC
2020

Blake Killingsworth has strong quantitative analysis and research skills as well as an extensive history of leading and managing teams to gather, conduct quality checks on, and leverage large amounts of data. Blake has worked with a variety of software packages and tools including R, Stata, SPSS, IMPLAN, and Qualtrics.

AREAS OF EXPERTISE

Blake has conducted various quantitative and qualitative analyses at Evergreen, including load shape analysis, cost-effectiveness analysis, survey analysis, regression analysis, and economic impact analysis. Additionally, he has assisted with quality checking and sourcing data to incorporate in Evergreen models. He is experienced in analytical writing and has led survey distribution and recruitment efforts.

SELECTED INDUSTRY EXPERIENCE

- > **Energy Trust of Oregon Trade Ally Interviews**
Led the data collection effort, recruited for and conducted in-depth interviews, and conducted analysis for a project to interview contractors that belong to Energy Trust's Trade Ally Network in an effort to explore potential issues for trade allies including barriers to program participation.
- > **Electric Vehicle Workforce Needs Modeling and Assessment**
For the California Energy Commission, conducting ongoing analytical support in drafting the CEC's forthcoming statewide electric vehicle infrastructure assessment and associated workforce plans. Evergreen leveraged existing data from the US Census, California Bureau of Finance, Alternative Fuel Data Center, and others to estimate gaps in the current and forecasted workforces to develop California EV Infrastructure.
- > **MCE Low Income Families and Tenants (LIFT) Program Evaluation**
For MCE (formerly Marin Clean Energy), conducted quantitative analysis of key program success metrics to characterize the current program cycle and assess the persistence of savings since the beginning of the LIFT pilot.
- > **Enstor Gas Economic Impact Analysis of Natural Gas Storage and Pipeline Expansion**
Conducted analysis on the economic impacts of a proposed expansion of natural gas storage and pipeline facilities in three counties in Mississippi for Enstor Gas.



SELECTED INDUSTRY EXPERIENCE (continued)

> **Statewide Evaluation of New Mexico Investor-Owned Utilities' Electric and Gas Energy Efficiency and Load Management Programs**

For the New Mexico Public Regulation Commission, was assistant project manager, managed tasks, and conducted survey and deemed savings analysis for a statewide evaluation of electric and gas energy efficiency and load management programs focusing on five New Mexico utilities, including process and impact analysis for programs serving the residential (including multi-family and low-income), commercial, and industrial sectors.

> **Washington Wood Supply Study**

For the Washington Department of Natural Resources, conducting research and analysis for a wood study for the state of Washington, estimating the current and future supply and demand for wood in Washington west of the Cascade crest based on the current forest practices of private forest landowners, state trust lands, and federal lands.

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

Analyzed participant laundry logs and metering data to identify trends in laundry energy usage and behavior for a field study of residential consumer laundry habits. This residential laundry field study leverages NEEA's current Residential Building Stock Assessment (RBSA) project to collect data on laundry habits in the region served by NEEA.

> **Pacific Gas and Electric San Joaquin Valley Disadvantaged Communities (SJV DAC) Pilot Impact Evaluation**

Conducted billing analysis and conducted an analysis of propane usage by major appliance and program administrator using the NREL ResStock building simulation tool for an impact evaluation of the SJV DAC Pilot in the communities served by two program administrators, Pacific Gas and Electric (PG&E) and Richard Heath and Associates (RHA). This pilot offered no-cost electrification, remediation, and electric appliance upgrades to communities that were reliant on propane and wood-burning appliances.

> **SoCalGas San Joaquin Valley Disadvantaged Communities (SJV DAC) Pilot Impact Evaluation**

Conducted an analysis of propane usage by major appliance and program administrator using the NREL ResStock building simulation tool for an impact evaluation of the SJV DAC Pilot in the community served by Southern California Gas. This pilot offered no-cost gas line extensions and efficient natural gas appliances to homes that were reliant on propane and wood-burning appliances.

> **Northwest Energy Efficiency Alliance 2022 Residential Building Stock Assessment**

Assisted team with running a series of quality checks on data received from engineering firms. The primary goal of the study was to develop a current, robust, and representative characterization of the existing residential single-family and multifamily building stock in the Northwest.

> **Xcel Energy Behavioral Demand Response Program Savings Verification**

Currently managing the Xcel Energy Colorado Behavioral Demand Response Program Savings Verification project, for which Blake is leading a team through a quantitatively rigorous process to assess the program implementer's methodology for calculating savings.

> **SDG&E Single-Family Affordable Solar Housing (SASH) Program and Disadvantaged Community Single-family Affordable Solar Housing (DAC-SASH) Program Evaluation**

Led cost-effectiveness analysis for an evaluation of two programs that focus on increasing the number of solar installations on single-family affordable housing; one of the programs focuses on serving customers in

disadvantaged communities. This project is for the California Public Utilities Commission (CPUC), sponsored by San Diego Gas & Electric.

> **Pacific Gas and Electric Home Energy Use Study for the Codes and Standards Program**

Lead analyst for a field study including on-site surveys and metering of equipment to update saturation estimates and load shapes. The study covers the residential sector, encompassing all electricity and natural gas-using equipment, as well as building shell characteristics and the presence of distributed generation (i.e., solar photovoltaic). This study is utilizing a rigorous sampling scheme of 1,000 homes representative of the customer population.