



## MATTHEW KOSON

*Senior Analyst*

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### PROFILE

**Matthew Koson** is a Senior Analyst with experience working on a wide variety of energy efficiency program impact and process evaluations throughout the United States and Canada, including Michigan, California, Ohio and the Pacific Northwest. Recent projects include an impact evaluation tasked with estimating the energy savings and economic impacts resulting from the national Better Buildings Neighborhood Program, and assisting with the impact evaluation and annual verification of claimed savings for the commercial and industrial efficiency programs offered by Consumers Energy in Michigan. Other project experience includes calculating the cost-effectiveness of conservation program offerings, creating program logic models and analyzing phone survey results. Mr. Koson is experienced with a number of software packages including Analytica, EVIEWS, IMPLAN, LimDep, Matlab, R, SPSS and Stata.

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### EDUCATION

M.A., Economics, University of California, Santa Barbara

B.A., Economics, University of Illinois at Urbana-Champaign

B.A., Political Science, University of Illinois at Urbana-Champaign

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### INDUSTRY EXPERIENCE

- **Consumers Energy Commercial Economic Impact Analysis** - Estimating the economic impacts resulting from the suite of commercial energy efficiency programs offered by Consumers Energy in Michigan.
- **Consumers Energy Commercial Program Impact Evaluation** - Assisting with the impact evaluation and the annual verification of claimed savings for the commercial efficiency programs.
- **Public Utilities Commission of Ohio Independent Evaluator** - Worked as part of the Independent Evaluator team to review and verify all savings claims submitted annually by Ohio utilities.
- **US DOE Better Buildings Economic Impact Analysis** - Estimating the economic impacts resulting from the ARRA-funded programs included in the US DOE Better Buildings program.
- **US DOE Better Buildings Program Impact Evaluation** - Assisting with the data collection and management for the regional partners in the Better Buildings program. Data will be used to estimate energy savings and economic impacts resulting from the programs on a national scale.
- **Independent Audit of the Vermont Energy Efficiency Utilities** - Worked as part of the Independent Evaluator team to review and verify all savings claims submitted annually by the two Vermont Energy Efficiency Utilities. Also computed cost-effectiveness at the portfolio and sector level.

- **Evaluation of Low Income Weatherization Program** – Estimated whole house energy savings achieved by program participants in a statewide low-income program by utilizing a fixed effects billing regression methodology, and calculated program cost-effectiveness.
- **Northeast Energy Efficiency Partnerships (NEEP) Early Replacement Measures Study** – Assisting with the data collection on issues related to early replacement retrofits. Data will be used to inform best practices and additional early replacement research.
- **Bonneville Power Administration Performance Tested Comfort System Program Impact Evaluation** – Assisted with the impact evaluation of the regional PTCS program.
- **Energy Savings Assistance Program Impact Evaluation** – Estimated whole house and measure level energy savings achieved by program participants in a statewide low-income program by utilizing a fixed effects billing regression methodology.
- **State of Hawaii Process and Impact Evaluation** – Assisted with an impact evaluation to estimate the savings resulting from the Opower program implemented in Hawaii.
- **Northwest Energy Efficiency Alliance TV ACE Model Review** – Conducted a review of the cost effectiveness modeling of the Consumer Electronics TV Initiative.
- **Northwest Energy Efficiency Alliance Market Evaluations** – Conducted market research regarding top firms in a variety of industries prescribing energy efficiency measures for the Northwest Energy Efficiency Alliance.
- **Sempra Utilities Residential Program Portfolio Process Evaluation** – For SDG&E and SoCalGas, assisted with the process evaluation of the residential energy efficiency program portfolios. Tasks included analyzing survey data from the multi-family and home audit programs, conducting in-depth interviews and writing chapters in the final evaluation report.
- **Sempra Utilities Non-Residential Program Portfolio Process Evaluation** – For SDG&E and SoCalGas, conducted in-depth interviews in support of the process evaluation of the non-residential program portfolio.
- **ACEEE Mississippi Economic Impact Analysis** – Measuring the economic impacts resulting from a proposed suite of residential, commercial and industrial energy efficiency programs in the state of Mississippi.
- **ACEEE Louisiana Economic Impact Analysis** – Measured the economic impacts resulting from a proposed suite of residential, commercial and industrial energy efficiency programs in the state of Louisiana and in Orleans Parish.

## **SELECTED PUBLICATIONS AND PRESENTATIONS**

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- Koson, M. & Grover, S., 2015, “Better Buildings, Better Economy: An Economic Impact Analysis of a Federal Retrofit Program”, *International Energy Program Evaluation Conference*, Long Beach, CA.
- Koson, M. & Grover, S., 2014, “Saving Energy, Lowering Bills, and Creating Jobs: An Economic Impact Analysis of Two Statewide Energy Efficiency Program Portfolios”, *ACEEE Summer Study on Energy Efficiency in Buildings*, Pacific Grove, CA.

Koson, M. & Grover, S., 2013, "Better Buildings Neighborhood Program: An Economic Impact Analysis of a Whole Retrofit Program", *International Energy Program Evaluation Conference*, Chicago, IL.

Koson, M. & Josephson, A., 2012, "Beyond the Payback Period: Measuring the Economic Impacts of Energy Efficiency Programs", *ACEEE Summer Study on Energy Efficiency in Buildings*, Pacific Grove, CA.