



Electricity Markets and Policy Group

Webinar Series on Evaluation, Measurement and Verification (EM&V) for Energy Efficiency

Please join us for the third in a new series of webinars designed to support states considering and implementing EM&V activities to document energy savings and other impacts of energy efficiency programs.

Setting Baselines for Planning and Evaluation of Efficiency Programs

Tuesday, August 2, 2016

2:00 PM – 3:15 PM Eastern

Reserve your webinar seat now at:

[readytalk: https://cc.readytalk.com/r/rguF3im1w7&eom](https://cc.readytalk.com/r/rguF3im1w7&eom)

Webinars Facilitated By:

Lawrence Berkeley National Laboratory

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In Collaboration With:

*U.S. Environmental Protection Agency
National Association of Regulatory Utility Commissioners
National Association of State Energy Officials*

Information on the webinar series, past webinar slides and recordings, and additional EM&V resources are available at: <https://emp.lbl.gov/emv-webinar-series>.

The key challenge with quantifying savings from end-use efficiency activities is the identification of an accurate baseline from which to determine the savings. Regardless of the protocol or procedure applied, all savings values are determined by estimating likely energy use in the absence of the program or project (the "counterfactual" scenario, or baseline). This webinar will provide an introduction to considerations and common practices for defining baselines, the relationship between baselines and savings attribution, and examples of how different jurisdictions are addressing market baseline studies, setting baselines for retrofit measures, and market transformation program baselines. Speakers from Michigan, California and the Northwest will discuss their experience with these topics and issues.

Topics covered:

- 1. Introduction and the basics of energy efficiency baselines** – Steven Schiller, Senior Advisor, Berkeley Lab
- 2. The Michigan Experience and Approach to Market Baseline Studies for Program Planning** – Robert G. Ozar P.E., Assistant Director, Electric Reliability Division, Michigan Public Service Commission
- 3. The California Experience and Approaches to Setting Baselines for Program Evaluation** – Carmen Best, Energy Efficiency Commercial Programs & Evaluation - Supervisor at California Public Utilities Commission
- 4. Market Transformation Baselines** – Jeff Harris, Chief Transformation Officer, Northwest Energy Efficiency Alliance
- 5. Questions and Answers with Panel Members**

Who should participate?

This webinar series is intended primarily for staff from public utility commissions, state energy offices, state environment departments, and non-profit organizations and offers an opportunity to engage with others in similar roles. The webinars will be of particular value for state officials starting or expanding their EM&V methods for a wide range of efficiency activities including utility customer-funded programs, building energy codes, appliance and equipment standards, energy savings performance contracting, and efficiency programs that support pollution reduction goals or regulations.

Evaluation consultants, utilities, consumer organizations and other stakeholders also are welcome to participate.

What topics are covered in this webinar series?

EM&V documents energy and demand savings as well as environmental benefits and market effects to determine performance of efficiency activities with respect to defined goals. EM&V can also be used to evaluate processes to improve implementation of efficiency programs. In this and future webinars we will provide an overview of the *who, what, when, where, why and how* of EM&V used to document energy savings and other impacts of efficiency programs.

For more information or questions about this webinar series, please contact EM&Vwebinars@lbl.gov

For information on LBNL EM&V projects and technical assistance, please see:

<https://emp.lbl.gov/projects/determining-program-impacts-emv>.