

## Evolving Evaluation 202: Evaluation and Cost Effectiveness in a DER World

Tuesday, November 1 | 8:30am – 12:30pm | \$185

Instructors: Olivia Patterson, Opinion Dynamics; Steve Schiller, Schiller Consulting

Are you facing questions of how to integrate DERs within your Portfolio? Are you being asked to evaluate not just EE, but also DR, storage, EV, solar, building electrification programs and efforts? Are your customers increasingly adopting multiple technologies, programs and interventions that are integrated or continuous? In an integrated world, are you uncertain about how to ascertain program and portfolio cost-effectiveness?

Evolving Evaluation 202 takes workshop participants on the evaluators' journey to explore DER programs focusing on evaluation and cost-effectiveness practices. Using case studies and group exercises, participants leave having a solid understanding of the key considerations in developing a primary benefit-cost analysis (BCA) test, as well as what is required to conduct meaningful evaluations to support both cost-effectiveness testing as well as assess new policy objectives.

Learning objectives:

- Participants are introduced to evaluation and BCA in the context of DERs
- Participants increase their knowledge of evaluation and BCA frameworks and foundational principles
- Participants are provided with a training on how to use the National Standard Practice Manual (NSPM)
- Participants learn to develop a primary BCA test and its application to a building with DERS as a use case
- Participants explore the differences between BCA and distributional equity analysis
- Participants discuss evaluation and measurement considerations associated with DERs with building electrification, including metrics and baseline development

Intended Audience: Evaluators, regulators and implementers who are increasingly engaging with DER programs and are interested in understanding how evaluation concepts and cost-effectiveness inputs can help serve their clients.

### Workshop Format:

- Lecture
- Case study examples
- Work group exercises

### About the Instructors:



**Steve Schiller** is a professional engineer whose career has included senior management, engineering, construction, evaluation, research, training, and project management roles. He is a consultant to public agencies, advisor to private companies, Senior Advisor for LBL's Electricity Markets and Policy Group, Founder and Board Chair Emeritus of the California Efficiency + Demand Management Council, and advisor and former political appointee on domestic and international efforts associated with incorporating clean energy into GHG mitigation. Steve is the author of numerous handbooks and guides on EM&V of Distributed Energy Resources (DERs), co-author of the National Standard Practice Manual for Benefit-Cost Analysis of DERs, and an IEPEC Lifetime Achievement awardee.



**Olivia Patterson** is a Senior Vice President at Opinion Dynamics, with over a decade of experience in executing research related to DERs. Olivia serves as a subject matter expert on emerging areas including demand flexibility, electrification, and energy efficiency. As load flexibility increases its relevance for DSM portfolios, Olivia has contributed to methodologies to assess the integrated nature of these interventions—and addressed some of the methodological challenges that go along with them. Olivia assessed the interface and overlap of TOU and demand response efforts, while estimating load impacts and the implications for customer baselines. She is well known in industry circles, offering thought leadership and training to a range of organizations, particularly through her role on the Executive Committee at the Peak Load Management Alliance (PLMA).