

Spring Symposium

**Integrating Efficiency and Demand Response into
California's Distributed Energy Future**

**April 25, 2017
Berkeley, CA**

California
Energy Efficiency
Industry Council 

AGENDA

The Efficiency Council's Spring Symposium

Integrating Efficiency and Demand Response into California's Distributed Energy Future

April 25, 2017, 8:45 am – 5:00 pm followed by networking reception until 6:30 pm

David Brower Center, 2150 Allston Way, Berkeley, CA 94704 (parking lot under the building)

efficiencycouncil.org/spring2017/

Join the Efficiency Council and guest speakers for a one-day professional education conference on *Integrating Efficiency and Demand Response into California's Distributed Energy Future*. It is designed to help you stay current in the energy efficiency and demand response fields as these resources evolve to meet California's grid needs. Build a deeper understanding of where California policy stands for integrating efficiency and demand response into the emerging distributed energy future. It is a perfect refresher/training resource for staff and an excellent opportunity to catch up on this rapidly changing field!

Spring Symposium Agenda:

- 8:45 a.m. **Welcome**
Margie Gardner, Executive Director, California Energy Efficiency Industry Council
- 8:50 a.m. **The Next Generation of Energy Efficiency and Demand Response - Challenges and Opportunities**
Speaker: Dian Grueneich, Senior Research Scholar, Stanford University
- 9:20 a.m. **Progress on Energy Efficiency as an Integrated Grid Resource**
California's electricity system continues to undergo massive changes as the power grid shifts to a greater proportion of grid-scale renewable resources and distributed energy resources (DERs). As more DERs mature in the marketplace, utilities are addressing the significant operational challenges associated with integrating DERs into the business operations. Our state's electric utilities are fully engaged in efforts to integrate DERs into normal utility system and distribution planning functions. These efforts require modifications to how DER programs are planned,

sourced, delivered and evaluated in order to maximize their value. This panel includes utility experts who are leading efforts in their organizations to integrate DERs.

Moderator: Greg Wikler, Managing Director, Navigant

Speaker: Richard Aslin, Principal Program Manager, Customer Energy Solutions, PG&E

Speaker: David Jacot, P.E., Director of Efficiency Solutions, Los Angeles Department of Water & Power

Speaker: Lillian Morton, Preferred Resources Project, Regulatory Affairs, Southern California Edison

- 10:30 a.m. **Keynote**
Commissioner Martha Guzman Aceves, CPUC
- 11:00 a.m. **Morning Break**
- 11:30 a.m. **Re-visioning Cost-Effectiveness: What advice do you have for California?**
The California Public Utilities Commission recently released a staff white paper recommending the societal cost test for all distributed energy resource valuations. In addition, the nation is about to see the publication of a National Standards Practice Manual. Join these experts in discussing the best way for California to value green-house-gas reductions in its resource selections.
Moderator: Jeanne Clinton, Special Advisor to the Governor for Energy Efficiency, CPUC
Speaker: Simon Baker, Demand Response, Customer Generation, and Retail Rates Branch, CPUC
Speaker: Tom Eckman, Senior Advisor, The Northwest Power and Conservation Council
Speaker: Snuller Price, Senior Partner, E3
- 12:30 p.m. **Lunch Break**
- 12:45 p.m. **Optional Lunch Session: California EM&V Framework Refresh – Needs Assessment Discussion**
Southern California Edison (SCE), in collaboration with PG&E, SCG, SDG&E and the CPUC staff, is conducting a Needs Assessment that will inform efforts to refresh the energy efficiency EM&V framework. This effort is coming at a critical time given recent energy efficiency policy decisions and legislative initiatives (such as AB802, SB350, and AB758). The goal of the Needs Assessment is to identify ways to improve the usefulness and usability of the existing Framework, which was initially developed in 2004. The session will be facilitated by SCE's EM&V refresh consultants – Research Into Action and Navigant. When we break for lunch, grab a box lunch and head upstairs to the 2nd floor of the David Brower Center.
- 1:30 p.m. **Policy Puzzle Pieces: What IS happening in that proceeding?**
Policy experts from the Efficiency Council will take you on a quick spin of efficiency and demand management activities at agencies such as the CPUC, CEC, and CAISO. Catch up on which proceeding is doing what, when!
Speaker: Melanie Gillette, Senior Policy Director, California Energy Efficiency Industry Council
Speaker: Ted Pope, Principal, 2050 Partners, Inc.
- 2:10 p.m. **Demand Response in the Future: LBNL's Potential Study**
Lawrence Berkeley National Laboratory recently released a study on demand response and its potential to serve grid needs in California's future. Lead author, Mary Ann Piette, will walk us through the types of demand response that will be most valuable, and how we might envision a new future.
Speaker: Mary Ann Piette, Director Building Technology and Urban System Division and Director Demand Response Research Center, Lawrence Berkeley National Laboratory

- 2:40 p.m. **Afternoon Break**
- 3:10 p.m. **Demand Response in California: Perspectives on Where we are Today and Where we are Going Tomorrow**
This panel features panelists from the CPUC, IOUs and participating vendors speaking about critical needs and challenges for demand response in California. The panel begins by providing a retrospective on the Demand Response Auction Mechanism (DRAM) pilots and discuss vendor and customer experiences, and lessons learned for both residential and commercial sectors. Following this discussion, panelists will provide their perspectives on the future of demand response in California, in terms of new challenges in managing load as well as new models for valuing load, and key implications for future program design.
Moderator: Olivia Patterson, Director, Data Science, Opinion Dynamics Corporation
Speaker: John Anderson, Director of Energy Markets, OhmConnect
Speaker: Cathleen Fogel, Senior Analyst, Demand Response, CPUC
Speaker: Will Grene, Product Manager, Energy Services, Nest Labs
Speaker: Beth Reid, CEO, Olivine
Speaker: Mona Tierney-Lloyd, Senior Director, Western Regulatory Affairs, EnerNOC
- 4:30 p.m. **Community Choice Aggregators (CCAs): What's on the horizon and how could that change the environment we work in?**
Speaker: Suzanne Casazza, CPUC
Speaker: Beckie Menten, Director of Customer Programs, Marin Clean Energy
Introduced by: Margie Gardner, Executive Director, California Energy Efficiency Industry Council
- 5:00 p.m. **Networking Reception until 6:30 p.m.**

As of April 6, 2017