



EVENTS

ETCC QUARTERLY MEETING

Transforming Commercial Spaces with Emerging Technologies

Tuesday, February 28th | 9:00 AM – 3:30 PM
 Webinar runs from 10:00 AM – 3:30 PM

Commercial-sector construction is booming. The national rate of remodels jumped 23 percent from 2013 to 2015 and that trend is even hotter in California, which is home to 7 of the 15 top commercial renovation markets. Meanwhile, the rate of new construction starts is finally approaching pre-recession levels. All the new construction and renovation activity across California translates to massive opportunities for energy efficiency in commercial sector. Emerging technologies can play a major role in realizing these opportunities while also boosting businesses' bottom line. Join us for our first Quarterly Meeting of 2017 as we explore the ways utilities and customers are turning theory into practice to achieve deeper energy savings within the rapidly evolving commercial sector.

The meeting will open with two roundtable discussions addressing how California seeks to transform commercial building construction and renovation practices, as well as how expanded meter / submeter data solutions are creating all-new efficiency opportunities. The afternoon will include two panels focused on specific technologies and solutions that enable commercial buildings to make the leap into the next generation of energy efficiency.

AGENDA

9:00 AM	Breakfast and Networking	
10:00 AM	Introduction, Safety and ETCC Updates	Edwin Hornquist , Emerging Technologies Program Manager, Southern California Edison
10:10 AM	Welcome Remarks	Steve Galanter , Principal Manager, DSM Engineering, Southern California Edison
10:15 AM	Roundtable: The Role of Emerging Technologies in Transforming the Commercial Market <i>In California, market transformation entails "long-lasting, sustainable changes in the structure or functioning of a market achieved by reducing barriers to the adoption of energy efficiency measures." But market barriers for emerging technologies are hard to predict; is there a sweet spot for emerging technology programs to contribute to market transformation? What are the overall trends affecting the commercial building renovation and new construction, and will they increase or decrease energy use? This roundtable will tackle these questions and set the stage for a lively discussion of policy trends and technology advances creating new options for market transformation.</i>	Facilitator: Carol Yin , Yinsight Mark Rehley , Senior Manager, Emerging Technology & Product Management, Northwest Energy Efficiency Alliance Edwin Hornquist , Emerging Technologies Program Manager, Southern California Edison Derek Okada , Senior Manager, Policy & Planning, Southern California Edison Mark Kootstra , Supervisor, Energy Deployment and Market Facilitation, California Energy Commission

Roundtable: Enabling Deeper Savings with Meter Data

New measurement methods promise to deliver greater savings and improve cost effectiveness. These methods could enable integrated solutions and can better validate their impact. This roundtable will focus on current policies and trends and their expected impact as program implementers apply the latest options for measuring energy savings in commercial buildings.

Facilitator: Ryan Bullard, Program/ Project Manager, Policy and Planning, Southern California Edison

Mary Ann Piette, Director of Building Technology, LBNL

Sasha Merigan, Analyst, Energy Division, Energy Efficiency Group, Metered Energy Efficiency and Emerging Programs, CPUC

Shahana Samiullah, Ph.D., Sr Manager, Measurement and Evaluation, Southern California Edison

12:00 PM **Networking Lunch** (provided)

1:00 PM **Panel: Implementing System and Meter-based Technologies**

This panel will present examples of how different technologies are going from theory to practice to achieve deeper savings through system and integrated approaches. Technology experts will share new methods and insights for commercial building energy savings.

Moderator: Brian Smith, Principal Analyst, PG&E

Peter Schwartz, Building Technology and Urban Systems, LBNL

Neha Arora, Project Manager, Southern California Edison

Jon Moeller, CEO, Mach Energy

2:05 PM **Break**

2:20 PM **Panel: Capturing Greater Savings with Emerging Solutions**

This panel will explore specific ways that emerging technologies and practices are serving as building blocks for next-generation energy efficiency programs that transform commercial building practices. Speakers will address their efforts to keep end-users central in program development and delivery and to lock in holistic energy solutions as standard practice for commercial buildings.

Moderator: Anuj Desai, DSM Planning & Compliance, Southern California Edison

Bill Livingood, Group Manager, Commercial Building Systems Integration, NREL

Abhijeet Pande, Associate Vice President, Building Science Research, TRC

Aaron Panzer, Director, Business Development, Ecova

3:25 PM **Wrap-Up**

Edwin Hornquist, Emerging Technologies Program Manager, Southern California Edison

3:30 PM **Continued Networking**

ABOUT THE ETCC

The ETCC supports the advancement of energy efficiency and demand response initiatives through its leadership, impact and influence in the emerging technology domain. It pursues this objective through strategic stakeholder engagement and effective and efficient coordination among ETCC members.

CONTACT US

We appreciate your feedback. If you have questions, suggestions, partnership ideas or project leads, please contact us at contact@etcc-ca.com



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