

Panel 4: Commercial Buildings: Program Design, Implementation, and Evaluation

Panel Leaders: Sharyn Barata & Sarah Zaleski

MONDAY, AUGUST 22	SESSION 1 (8:30 am - 10:00 am)	TUESDAY, AUGUST 23	SESSION 1 (8:30 am - 10:00 am)
	Zooming Out - Insights Gained through Birdseye View Look at Programs		Evolving Pathways to Decarbonize Buildings
	<i>Two Decades of ENERGY STAR® - A Retrospective Study of EPA's ENERGY STAR Buildings Score and Certification</i> Bill Von Neida, U.S. Environmental Protection Agency		<i>Building Electrification in New Construction: Challenges and Opportunities</i> James Donamski, CLEAResult
	<i>Evaluating Workforce Programs – Toward Designing More Effective and Creative Interventions</i> Elizabeth Kelley, Illume Advising		<i>Architects, Engineers, and Contractors—Key to Moving towards a Zero Carbon Future</i> Paul Torcellini, National Renewable Energy Laboratory
	TBD		<i>B-Y-E to C-H-P - How One C&I Program Evolved to Support Decarbonization</i> Jake Fuller, EcoMetric Consulting
SESSION 2 (10:30 am - 12:00 pm)	Transitioning Policy into Program Design	SESSION 2 (10:30 am - 12:00 pm)	Innovations in Commercial Program Evaluation
<i>Accelerating State-wide Benchmarking Laws into Programs of the Future</i> Chad Gillless, Stillwater Energy	<i>Maximizing Public Sector Energy Efficiency Programs: Adapting to Policy through Innovative Design</i> Pranesh Venugopal, The Energy Coalition	<i>All About That Base...line - An Evaluation of Demand Response Baseline Performance for Generation and High Frequency Event Participants</i> Ethan Barquest, Verdant Associates	<i>Enhancing California's NMEC Programs; Technical Reviewer's Perspective</i> Arash Kialashaki, Pacific Gas & Electric Company
<i>Building Performance Standards: A Lifecycle Approach to Building Decarbonization</i> Harry Bergmann, U.S. Department of Energy		<i>CalTRACK and Commercial Buildings: Confronting COVID and Other Non-Routine Events</i> Stephanie Bieler, Demand Side Analytics	
WEDNESDAY, AUGUST 24	SESSION 1 (8:30 am - 10:00 am)	THURSDAY, AUGUST 25	SESSION 1 (8:30 am - 10:00 am)
	Time to Flex - Toning up EE, Flexibility, and Demand Response		New Approaches for Serving Hard-to-Reach Commercial Markets
	<i>When Do Efficiency and Demand Flexibility Go Hand-in-hand?</i> Jingging Liu, Lawrence Berkeley National Laboratory		<i>Investing in Main Street: an Energy Program to Support Small Businesses in Disadvantaged Communities</i> Carolyn Greer, Tennessee Valley Authority
	<i>Comparative Analysis and Trends of Energy Efficiency and Demand Management Program Budgets and Savings Impact Across the U.S.</i> Ian Metzger, TRC Companies		<i>Opportunities to Decarbonize Small Commercial Buildings</i> Kassandra Grimes, U.S. Department of Energy
	<i>Demand FLEXmarket — Creating a Market Access Model to Unleash Solutions Providers and Scale Demand Flexibility</i> Carmen Best, Recurve		TBD
SESSION 2 (10:30 am - 12:00 pm)	People Power - Recognizing and Harnessing the Human Dimension	SESSION 2 (10:30 am - 12:00 pm)	Equitably Expanding Access to Commercial Energy Opportunities
<i>Tunnel Vision: The Impact of Ignoring Behavior in Technological Innovation</i> Jes Rivas, ILLUME Advising	<i>Ignorance is BAS: How EMS/BAS Operator Knowledge Can Impact Performance</i> Christopher Dyson, DNV	<i>Understanding Commercial Building Performance, Electrification, and the Use of Renewable Energy in Socially Vulnerable Communities</i> Tracey Narel, US EPA	<i>Market Transformation through Equal Impact of 179D</i> Ryan Meyer, National Renewable Energy Laboratory
<i>Observational Research Methods for Evaluating Emerging Technologies for the Built Environment</i> Ruth Taylor, Pacific Northwest National Laboratory		<i>Developing an Online Application that Puts the Customers and the Utility First</i> Katie Cary, TRC	

Panel 4 continued	
FRIDAY, AUGUST 26	SESSION 1 (8:30 am - 10:00 am)
	All Together Now - Deepening Impact through Integrated Technologies
	<i>Advanced Lighting Systems in Smart Buildings: Findings and Lessons Learned from the U.S. Department of Energy Integrated Lighting Campaign and 10 Field Evaluations</i> Felipe Leon, Pacific Northwest National Laboratory
	<i>New Product Development: How to Keep the DSM Product Pipeline Flowing</i> Jeremy Kraft, TRC
	TBD
	SESSION 2 (10:30 am - 12:00 pm)
	Sector Advances Worth Highlighting
	<i>Innovative Kitchen Management Application Test and Learn Project</i> Liza Legaspi, Southern California Gas Company
	<i>Driving Deeper Operational Savings in SMB Facilities through Virtual Commissioning Using Real-Time, 1-Minute Interval Energy Usage Data</i> Rick Tonielli, ComEd
	<i>No Reservations - Hotels See the Benefits of Energy Management Systems</i> Vestal Tutterow, Lawrence Berkeley National Laboratory