

PANEL 4 SESSION SCHEDULE

(FINAL)

PANEL 4 - Commercial Buildings: Program Design, Implementation, and Evaluation

		LEAD AUTHOR/ORGANIZATION	TITLE
Mon 8/13	Session 1 8:30 am - 10:00 am Wait! Lighting Isn't Finished!	Mary Yamada, Navigant	<i>Lighting Isn't Finished: Pivoting beyond the LED Bulb</i>
		Dan Mellinger, Energy Futures Group	<i>Getting to 50: How Vermont Plans to Reach 50% Market Adoption of Linear LED by 2025</i>
		Jessica Aiona, Bonneville Power Administration	<i>Reality Check: Using Market Analysis to Illuminate Non-residential Lighting Opportunities</i>
	Session 2 10:30 am - 12:00 pm Moving Beyond Lighting: Diversifying the Measure Mix	Lark Lee, Tetra Tech, Inc.	<i>Easing Away from Just Lighting: Effectively Diversifying the Commercial Measure Mix</i>
		Jeannette LeZaks, Seventhwave	<i>The Treasures You Find after the Lights Go Out: Non-lighting Savings Opportunities in the Small Commercial Sector</i>
		Meegan Kelly, ICF	<i>A National Review of Combined Heat and Power Programs in Utility Energy Efficiency Portfolios</i>
Tues 8/14	Session 1 8:30 am - 10:00 am Diving Deep: Encouraging Comprehensive EE	Cynthia Regnier, LBNL	<i>Beyond Widgets – Deploying System Incentive Programs for Utilities, Current and Future Directions</i>
		Greg Thomas, Performance Systems Development, Inc.	<i>Making Commercial Whole Building Program Delivery Easier and Less Risky</i>
		Chris Smith, Energy 350	<i>Pay for Performance Case Study – 3 Years of Performance</i>
	Session 2 10:30 am - 12:00 pm Diving Deep II: Metering vs. Modeling	Faith DeBolt, SBW Consulting	<i>Calibrated Simulation or Meter-Based Analysis? Determining the Best Approach for Estimating Whole Building Savings</i>
		Jess Burgess, CEE	<i>A Comparative Analysis of Customer Success Factors in Meter Data-Driven Whole Building Programs</i>
		David Jump, kW Engineering	<i>Best Practices for the Design, Implementation and Evaluation of Commercial Whole Building Programs</i>

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Wed 8/15	Session 1 8:30 am - 10:00 am Hitting the Bullseye: Using Data to Target Customers	Tim Sennott, DNV GL	<i>Opening the Door: Analytical Deep Dives to Create Customer-Focused Dialogue on Cost Effective Energy Efficiency Program Outcomes</i>
		Michael Authier, Fort Collins Utilities	<i>Advancing Efficiency Initiatives with Data: Simple, Scalable, and Affordable Strategies for Wrangling Complex Datasets</i>
		Frances Dahlquist, PG&E	<i>Magic Powers: Customer Targeting with Machine Learning</i>
	Session 2 10:30 am - 12:00 pm Just in Time: Approaches to Real-time Evaluation	Megan Campbell, Opinion Dynamics	<i>A Developmental Approach: Realizing the Value in Evaluation</i>
		Teri Lutz, Michaels Energy	<i>Beyond Traditional Evaluation for Systems-based Program Designs</i>
		Joe Dolengo, National Grid	<i>Into the Great Wide Open: A Comparison of M&V 2.0 and Traditional Evaluation Methods for a Small Business Direct Install Program</i>
Thurs 8/16	Session 1 8:30 am - 10:00 am On the Road to Zero Net Energy: Program Learnings and Results	Arash Kialashaki, Lincus, Inc.	<i>Enhancing Savings By Design Program; Technical Reviewer's Perspective</i>
		Peter Turnbull, Pacific Gas & Electric Company	<i>Lessons Learned from a Zero Net Energy Prop 39 School Retrofit Pilot</i>
		Cindy Strecker, CLEAResult	<i>Lessons in Seeing the First Net Zero Ready Buildings through the Finish Line: A Program's Critique</i>
	Session 2 10:30 am - 12:00 pm Don't You Forget about Me: Reaching Small-Medium Businesses	Christine Del Priore, Agentis Energy	<i>Understanding Efficiency Opportunities: How Multi-Pronged Touch Points Educate and Enhance SMB Customer Satisfaction of Utility Energy Efficiency Programs</i>
		Danielle Marquis, AM Conservation Group, Inc.	<i>Collaboration, Analytics & Innovation: Small Business Programs 2.0</i>
		Rachael Sherman, Arizona State University	<i>Identifying Stakeholders' Decisions and Efficiency Measures for Small Commercial Buildings: A Review of 30 Case Studies</i>

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Fri 8/17	Session 1 8:30 am - 10:00 am Non-Energy Benefits: Capturing Value Beyond Energy	Morgan Hood, VEIC	<i>The Customer is Always Right: How Design Thinking Saved a Dim Lighting Program</i>
		Lisa Skumatz, Skumatz Economic Research Associates, Inc.	<i>State Treatment of NEBs in Cost-Effectiveness Tests – Dominos for Reducing Bias in Consideration of EE as a Resource</i>
		Noel Stevens, DNV GL	<i>You can have Your Cake but can't Eat It Too...We're all Happy to Count NEI's but Let's Only Count Them Once</i>
	Session 2 10:30 am - 12:00 pm Going Hand-in-Hand: City and Community Engagement	Marta Schantz, Waypoint Energy	<i>All-Hands-on-Deck Community Engagement Approach to Achieve Utility Efficiency Savings Goals</i>
		Kelly Crandall, Institute for Market Transformation	<i>"It is amazing what you can accomplish if you do not care who gets the credit": Creating Alignment Between Cities and Utility Energy Efficiency Programs</i>
		Anna Weingord, Urban Green Council	<i>NYC Large Buildings Reduce Energy Use and Cut Emissions from 2010 to 2015</i>
Posters with published papers in Panel 4			
See Panel 14 for schedule	POSTERS	Emily Pearce, Waypoint Building Group	<i>Getting Ahead of the Savings Curve: Utility Pay-For-Performance Program Design for Commercial Real Estate Customers</i>
		Barry Hooper, Department of Environment, City of San Francisco	<i>The BayREN Integrated Commercial Retrofits Project: An Introduction and Preliminary Results</i>
		Zhiqin Zhang, DNV GL	<i>Using Machine Learning to Tackle Uncertainty of Deemed Savings</i>
		Jeff Ihnen, Michaels Energy	<i>Embedded Evaluation and Data Mining to Increase Audit Conversions</i>
		Eric Boxer, Go Sustainable Energy, LLC	<i>More Reasons Why Outcome-Base Rebates and Changes to M&V are Needed for Proper New Construction Efficiency Accountability</i>
		Julian Ricardo, NMR Group	<i>Time to Move On: An Examination of Metering Periods for Small Business Direct Install Participants</i>
		Michelle Lichtenfels, Bonneville Power Administration	<i>Preparing for Illumageddon: A Survivalist's Guide</i>
		Robert Gugliemetti, National Renewable Energy Laboratory	<i>Large-scale Daylighting Analysis for Buildings, Products, and Policy</i>
		Charles Ampong, Navigant	<i>Towards the End of the Lighting Tunnel: The End-uses that Matter</i>