

**PANEL 6 SESSION SCHEDULE**  
**(FINAL)**

<b>PANEL 6 - Utilities and the Future</b>		
	<b>LEAD AUTHOR/ORGANIZATION</b>	<b>TITLE</b>
<b>Mon 8/13</b>	<b>Session 1</b> 8:30 am - 10:00 am <b>EE Past and Future</b>	Maggie Molina, ACEEE <i>Does Efficiency Still Deliver the Biggest Bang for Our Buck? A Review of Cost of Saved Energy for US Electric Utilities</i>
		Howard Geller, Southwest Energy Efficiency Project <i>Maintaining Strong Utility Energy Efficiency Programs Beyond 2018: Challenges and Prospects in the Southwest</i>
		Asa Hopkins, Synapse Energy Economics, Inc <i>Challenges and Opportunities for Deep Decarbonization through Strategic Electrification under the Utility Regulatory Structures of the Northeast</i>
	<b>Session 2</b> 10:30 am - 12:00 pm <b>Energy Storage</b>	William Marin, Itron <i>Does Behind-the-Meter Storage have a Seat at the Utility Dinner Table?</i>
		Mark Osborn, The Cadmus Group <i>Readying Your Facility for Storage and Microgrids</i>
		Ahmad Abu-Heiba, Oak Ridge National Laboratory <i>Diverse Energy Storage Technology</i>
<b>Tues 8/14</b>	<b>Session 1</b> 8:30 am - 10:00 am <b>EM&amp;V</b>	Jarred Metoyer, DNV GL <i>Alexa, Which M&amp;V Method Should I Use? Data-driven Method Selection for Savings Calculations</i>
		Safdar Chaudhry, Richard Heath Associates <i>Smart Meter Data: Finding The Buried Treasure Within</i>
		Kevin Price, Evergreen Economics <i>M&amp;V 2.0: Leveraging Machine Learning to Improve Energy Savings Estimates</i>
	<b>Session 2</b> 10:30 am - 12:00 pm <b>Electrified Transportation</b>	Tom Lyle, Burlington Electric Department <i>A Pathway to Decarbonizing Public Transit</i>
		Jeff Turner, Dunskey Energy Consulting <i>Bringing Utilities to the Electric Transportation Table</i>
		Siddiq Khan, ACEEE <i>Utility Strategies for Intelligent Electric Vehicle Adoption: Learning from Leading Utilities</i>

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Wed 8/15	Session 1 8:30 am - 10:00 am <b>Maximizing the Value of EE via Locational and/or Temporal Optimization</b>	Giulia Gallo, Lawrence Berkeley National Laboratory	<i>Mobilizing the Anti-duck Brigade: Technology and Market Pathways for Load-shifting Demand Response in California</i>
		James Hall, Synapse Energy Economics, Inc.	<i>Locational and Temporal Values of Energy Efficiency and Other DERs to Transmission and Distribution Systems</i>
		Ryan Fedie, Bonneville Power Administration	<i>The Non-Wires Frontier, Lessons from Integrating DSM into Grid Planning</i>
	Session 2 10:30 am - 12:00 pm <b>Dealing with the Duck</b>	Laura Tabor, Navigant	<i>Duck, Duck, Armadillo! Reshaping Efficiency's Role to Meet Future Grid Needs</i>
		Edward Burgess, Strategen Consulting	<i>Is the "Duck Curve" Eroding the Value of Energy Efficiency?</i>
		Michael Fink, Vermont Energy Investment Corporation	<i>The First Step to Defeating the Duck Curve: Energy Efficiency</i>
Thurs 8/16	Session 1 8:30 am - 10:00 am <b>Preparing for the Grid Edge</b>	Christine Hungeling, Itron, Inc.	<i>Load Shaping the Future of the Utilities</i>
		Toben Galvin, Navigant	<i>Embracing Change: Strategies for Acquiring Energy Efficiency Savings via New Business Models</i>
		Brian Buckley, New Hampshire Office of the Consumer Advocate	<i>You Can Get There from Here: Strategies for Maximizing Ratepayer Value through Grid Modernization</i>
	Session 2 10:30 am - 12:00 pm <b>Keeping EE Relevant in the Future</b>	Carl Nelson, Center for Energy and Environment	<i>Staying on Top after the Low-Hanging Fruit is Gone: Minnesota's Efforts to Plan for the Next Decade of Energy Efficiency Achievements</i>
		Gabrielle Stebbins, Energy Futures Group	<i>The Burlington Electric Story: One Utility Approach to the Future</i>
		Jenny Edwards, Center for Energy and Environment	<i>Brrrrr!... The Outlook for Beneficial Electrification in Heating Dominant Climates</i>

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		LEAD AUTHOR/ORGANIZATION	TITLE
Fri 8/17	Session 1 8:30 am - 10:00 am <b>Big Data for Targeting and Program Success</b>	Adam Scheer, Pacific Gas & Electric Company	<i>Customer Targeting with Interval Usage Analytics to Enhance Savings at the Meter</i>
		Peter Widmer, Power TakeOff, Inc.	<i>Achieving Evaluated Behavioral, Retro-Commissioning, and Operational Savings with Small and Medium Businesses through AMI-Enabled Analytics and M&amp;V 2.0</i>
		Haider Khan, ICF	<i>Non-Wires Alternatives - A Case Study in an Economically Depressed Location</i>
	Session 2 10:30 am - 12:00 pm <b>Using Data to Enable Pay for Performance Programs</b>	Mike Bailey, Energy Trust of Oregon, Inc.	<i>We Installed the Widgets- Now Let's Make Them Behave!</i>
		Robert Hansen, California Public Utilities Commission	<i>Where's the Risk with Pay-for-Performance?</i>
		Brian Smith, Pacific Gas & Electric Company	<i>Pay-for-Performance: Best Practices for Implementation and Evaluability</i>

See Panel 14 for schedule	POSTERS	<b>Posters with published papers in Panel 6</b>	
		Hassan Shaban, Open Energy Efficiency	<i>Who Wins the Pay-For-Performance Game? Measuring and Continuing Performance Risk</i>
		Michael Strom, NMR Group, Inc.	<i>When the Lights Went Out: Achieving Residential Program Savings in a New Era</i>