

**DRAFT - schedule changes weekly**

**PANEL: 6 - Utilities and the Future**

| Day       | SESSIONS  | LEAD AUTHOR/ORGANIZATION                                       | TITLE   |
|-----------|---|--|---|
| Mon 8/22  | Session 1<br>8:30 am - 10:00 am<br>Ramp Up for Success<br>#1: Customers &<br>Utilities Joining Forces<br>to Succeed | David Moody,<br>Bonneville Power Administration                | The Energy Efficiency Identity Crisis: Finding Balance Between Resource Acquisition and Customer Service  |
|           |   | Ian Finlayson, MA EOEa   | Efficiency 2.9: The Policies and Framework Behind Massachusetts' #1 Energy Efficiency Ranking   |
|           |   | Brendon Baatz, ACEEE   | High Performing Program Administrators  |
|           | Session 2<br>10:30 am - 12:00 pm<br>Ramp Up for Success<br>#2   | Marilyn Brown,<br>Georgia Institute of Technology              | Alternative Utility Business Models for Energy Efficiency and Solar Power   |
|           |   | Noel Stevens, DNV GL   | Innovative Tools for Estimating Robust Non-Energy Impacts that Enhance the Cost-Effectiveness Testing and Marketing of Energy Efficiency Programs |
|           |   | Scudder Parker, VEIC   | The Old Order Changes: Rewarding Utilities for Performance, Not Capital Investment  |
| Tues 8/23 | Session 1<br>8:30 am - 10:00 am<br>Big Data #1 for<br>Improved Targeting &<br>Tracking of Success                   | Jonathan Koliner,<br>Wisconsin Energy Conservation Corporation | Small Utilities and Big Data: Cooperative and Municipality Programs in the Digital Future   |
|           |   | Maureen Quaid, PNM   | Customer Intelligence Development for Energy Efficiency   |
|           |   | Philip Mihlmester, ICF International                           | The Locational Value of Energy Efficiency on the Distribution Grid  |
|           | Session 2<br>10:30 am - 12:00 pm<br>Big Data #2 for Aligning<br>with Grid Edge Changes                              | Isaac Wainstein, ERS   | Bring Me the Right Data! An In-Depth Look at What Data is Useful for the Utility of the Future  |
|           |   | Monisha Shah,<br>National Renewable Energy Laboratory          | Streamlining Energy Data Access: How Utilities-Government Partnership Supported the Design of New Solutions                                       |
|           |   | Mary Horsey, E Source  | "Now I'm an expert on the customer": Utility DSM and ET Departments Respond to Industry Disruption.   |

| Day        | SESSIONS  | LEAD AUTHOR/ORGANIZATION                                    | TITLE  |
|------------|---|---|--|
| Wed 8/24   | Session 1<br>8:30 am - 10:00 am<br>Utility of the Future #1:<br>Responding to Grid Edge                 | Marisa Uchin, Opower, Inc.                                  | What Will it Take for Customers to Adopt DER: A Case Study from NY REV   |
|            |   | Jim Parks, SMUD   | Preparing for the Utility of the Future  |
|            |   | Laura Orfanedes, Fiveworx                                   | Charting the Future: How to Use Customer Engagement Strategies To Ensure Energy Savings and Persistence  |
|            | Session 2<br>10:30 am - 12:00 pm<br>Utility of the Future #2:<br>Using Big Data to Design Programs      | Steve Kihm, Energy Center of Wisconsin                      | Considering Risk and Investor Value in EE Business Models  |
|            |   | Meegan Kelly, ACEEE   | A Roadmap for Achieving Greater Program Participation from Large Energy Users  |
|            |   | Anthony Davis, DNV GL                                       | Beyond Participation and Savings: Leveraging Quantitative Metrics for Insight into C&I Project and Population Trends                             |
| Thurs 8/25 | Session 1<br>8:30 am - 10:00 am<br>EM&V #2: Cleaning Out the Closet...Evaluation Issues (Dirt Under the | Dan Violette, Navigant Consulting Inc.                      | Applying Gross Savings and Net Savings in an Integrated Policy Framework -- Decision Analysis Approach   |
|            |   | Alejandra Mejia, California Technical Forum                 | Technical Reference Manual Best Practices from Across the Nation   |
|            |   | Lisa Skumatz,<br>Skumatz Economic Research Associates, Inc. | Non-energy Benefits / NEBs – Winning at Cost-Effectiveness Dominos: State Progress and TRMs  |
|            | Session 2<br>10:30 am - 12:00 pm<br>EM&V #1: Enhanced Evaluation to Optimize DSM                        | Rishi Sondhi, Eversource Energy                             | Gaining EE Ground: How the Collective Knowledge of Vendors & Channel Partners Can Accelerate Your Successes                                      |
|            |   | Sue Haselhorst, ERS   | It's About Time: Doing Integrated Real-Time Impact Evaluations   |
|            |   | Erica Cochran, Carnegie Mellon University                   | Leveraging benchmarking datasets to Identify Energy Efficiency Opportunities in Existing Buildings   |
| Fri 8/26   | Session 1<br>8:30 am - 10:00 am<br>Targeted DSM for Utility Operations Optimization                     | Sarah Schneider, Energy Solutions                           | Water Use Efficiency and the Role for Energy Utilities   |
|            |   | A.A.S. Daniel, University of California                     | Learning by Doing: Valuing Energy Efficiency in Distribution System Planning   |
|            |   | James Gill, Itron, Inc.                                     | Shedding a Cool New Light on a Heated Topic: Verifying Interactive Effects for Retail Lighting Retrofit Participants Using Monthly and AMI Bills |
|            | Session 2<br>10:30 am - 12:00 pm<br>Demand Response   | Jamie Howland, Acadia Center                                | Residential Load Control: How Efficiency Programs Can Help Integrate Renewables  |
|            |   | Mitt Jones, Cadmus  | Smart Thermostats and the Triple Bottom Line: People, Planet, and Profits  |
|            |   | Brian Buckley, NEEP   | Putting More Energy into Peak Savings: Integrating Demand Response and Energy Efficiency Programs  |

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|-----|----------------|--|---|
|     | <b>VISUALS</b> | David Podorson, E Source Companies             | Grid Interactive Water Heaters: How Water Heaters Have Evolved Into a Grid Scale Energy Storage Medium                        |
|     |                | Kari Binley, PG&E                              | Move Over Rebates: Influence Beyond Financial Incentives  |
|     |                | Jing Ge, Cornell University                    | Understanding Urban Residential Electricity Usage Behavior under Time-of-Use Pricing: A Case Study in Jiangsu Province, China |
|     |                | Janice Berman, PG&E                            | Perspectives on Doubling Energy Efficiency in California  |
|     |                | Trinity Persful, Twin City Fan Companies, Ltd. | Fans: A Look at the Extended Motor Product Labeling Initiative  |