

PANEL 4 ACCEPTED PAPERS

Title	Category	Lead Author First Name	Lead Author Last Name	Lead Author Organization
Innovative Kitchen Management Application Test and Learn Project	Oral	Liza	Legaspi	Southern California Gas Company (SoCalGas)
Investing in Main Street: an Energy Program to Support Small Businesses in Disadvantaged Communities	Oral	Carolyn	Greer	Tennessee Valley Authority
Successfully engaging hard-to-reach commercial customers	Oral	Jeff	Adams	Alliant Energy
B-Y-E to C-H-P - How One C&I Program Evolved to Support Decarbonization	Oral	Jake	Fuller	EcoMetric Consulting
Opportunities to Decarbonize Small Commercial Buildings	Oral	Kassandra	Grimes	United States Department of Energy
Enhancing California’s NMEC Programs; Technical Reviewer’s Perspective	Oral	Arash	Kialashaki	Pacific Gas and Electric Compacy
Tunnel Vision: The Impact of Ignoring Behavior in Technological Innovation	Oral	Jes	Rivas	ILLUME Advising
Ignorance is BAS: How EMS/BAS Operator Knowledge Can Impact Performance	Oral	Christopher	Dyson	DNV
Two Decades of ENERGY STAR® - A Retrospective Study of EPA’s ENERGY STAR Buildings Score and Certification	Oral	Bill	Von Neida	U.S. Environmental Protection Agency
New Product Development: How to Keep the DSM Product Pipeline Flowing	Oral	Jeremy	Kraft	TRC
Removing Artificial Barriers to Meter-Based Efficiency Programs	Oral	Mrinalini	Sharma	kW Engineering, Inc.
Advanced Lighting Systems in Smart Buildings: Findings and Lessons Learned from the U.S. Department of Energy Integrated Lighting Campaign and 10 Field Evaluations	Oral	Felipe	Leon	Pacific Northwest National Laboratory
Understanding Commercial Building Performance, Electrification, and the Use of Renewable Energy in Socially Vulnerable Communities	Oral	Tracy	Narel	US Environmental Protection Agency
Building Performance Standards: A Lifecycle Approach to Building Decarbonization	Oral	Harry	Bergmann	U.S. Department of Energy, Building Technologies Office
Architects, Engineers, and Contractors—Key to Moving towards a Zero Carbon Future	Oral	Paul	Torcellini	National Renewable Energy Laboratory
Maximizing Public Sector Energy Efficiency Programs: Adapting to Policy Through Innovative Design	Oral	Pranesh	Venugopal	The Energy Coalition
Developing an Online Application that Puts the Customers and the Utility First	Oral	Katie	Cary	TRC

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Demand FLEXmarket — Creating a Market Access Model to Unleash Solutions Providers and Scale Demand Flexibility	Oral	Carmen	Best	Recurve
All About That Base...line - An Evaluation of Demand Response Baseline Performance for Generation and High Frequency Event Participants	Oral	Ethan	Barquest	Verdant Associates
Building Electrification in New Construction: Challenges and Opportunities	Oral	James	Domanski	CLEAResult
Comparative Analysis and Trends of Energy Efficiency and Demand Management Program Budgets and Savings Impact Across the U.S.	Oral	Ian	Metzger	TRC Companies
Accelerating State-wide Benchmarking Laws into Programs of the Future	Oral	Chad	Gilles	Stillwater Energy
Driving Deeper Operational Savings in SMB Facilities through Virtual Commissioning Using Real-Time, 1-Minute Interval Energy Usage Data	Oral	Rick	Tonielli	ComEd
Market Transformation Through Equal Impact of 179D	Oral	Ryan	Meyer	National Renewable Energy Laboratory
No Reservations - Hotels See the Benefits of Energy Management Systems	Oral	Vestal	Tutterow	Lawrence Berkeley National Laboratory
Evaluating workforce programs – toward designing more effective and creative interventions	Oral	Elizabeth	Kelley	Illume Advising
Innovation hub demonstration at EPRI Charlotte Headquarter	Oral	Peng	Zhao	Electric Power Research Institute
CalTRACK and Commercial Buildings: Confronting COVID and other Non-Routine Events	Oral	Stephanie	Bieler	Demand Side Analytics
When Do Efficiency and Demand Flexibility Go Hand-in-hand?	Oral	Jingjing	Liu	Lawrence Berkeley National Laboratory
Observational Research Methods for Evaluating Emerging Technologies for the Built Environment	Oral	Ruth	Taylor	Pacific Northwest National Laboratory
Beyond Codes, Beyond Widgets: Elevating Integrated Designs in Multifamily and Commercial New Construction Programs	Alternate	Alex	Novie	Energy Trust of Oregon
Decarbonizing Commercial Office Tenant Spaces: Creating a New Business as Usual	Alternate	Katie	Schwamb	Building Energy Exchange
Building Envelope Campaign - Program Design and Stakeholder Engagement	Alternate	Hayley	McLeod	Oak Ridge National Laboratory

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Towards Climate-smart Hospitals: Insights from India's First Nationwide Hospital Energy Survey	Alternate	Akash	Goenka	Alliance for an Energy Efficient Economy
A bigger bang for your efficiency program buck: How helping customers reduce refrigerant emissions helps the climate & utility energy efficiency programs too.	Alternate	Kristen	Taddonio	Institute for Governance & Sustainable Development
INTERACTIONS BETWEEN DEMAND FLEXIBILITY AND ENERGY EFFICIENCY: The Opportunity Cost of Saved Energy	Alternate	Imran	Sheikh	Institute for Energy Studies at Western Washington University
High Rise Low Carbon; Office Deep Retrofit Profiles	Alternate	Richard	Yancey	Building Energy Exchange
Digitizing the Manufacturing Process using Industry 4.0 Strategies and Building Systems Optimization	Alternate	Bhanu	Kaini	Eversource Energy
Increasing Equity for Growers through Strategic Energy Management	Alternate	Jenna	Bagnall-Reilly	TRC
DEI: More than a residential framework, it's a roadmap for energy equity	Alternate	Chad	Gilles	Stillwater Energy
Emerging Opportunities for the Energy Management Profession: The Changing Role of the Energy Manager	Alternate	Bill	Eger	City of Alexandria
Pay for Pandemic? Treatment of COVID Effects in Pay-for-Performance Programs	Visual	Matthew	Hamlin	Seattle City Light
Designing for Accessibility: Lessons from User Experience Research	Visual	Katie	Cary	TRC