

2017 BTO Peer Review Agenda

Wednesday, March 15, 2017

1 - Washington Ballroom		2 - Commonwealth		3 - Wilson		4 - Harrison		5 - Jackson	
Time	Presentation and Speaker	Time	Presentation and Speaker	Time	Presentation and Speaker	Time	Presentation and Speaker	Time	Presentation and Speaker
						8:00-8:30	Building America Overview Eric Werling, DOE	8:00-8:30	Solid State Lighting Overview Jim Brodrick, DOE
						8:30-9:00	UCF - Partnership for Improved Residential Construction Eric Martin, University of Central Florida	8:30-9:00	University of Michigan - Stable, High Efficiency White Electrophosphorescent Organic Light Emitting Devices by Reduced Molecular Dissociation Steve Forrest, Univ. of Michigan
		9:00-10:30	Cities and Communities Andrew Burr, DOE	9:00-10:30	BTO International Marc LaFrance, DOE	9:00-9:30	GTI - Energy Savings with Acceptable Indoor Air Quality Through Improved Air Flow Control in Residential Retrofit Paul Francisco, GTI	9:00-9:30	Cree Inc. - Materials and Designs for High-Efficacy LED Light Engines Paul Fini, Cree Inc.
10:00-10:30	OTS - Advanced Serpentine Heat Exchangers to Minimize the Number of Joints and Leakage in HVAC&R Systems Daniel Bacellar, OTS					9:30-10:00	Levy - Integrated Design: A High Performance Solution for Affordable Housing Jordan Dentz, The Levy Partnership, Inc.	9:30-10:00	RTI International - Luminaires for Advanced Lighting in Education Lynn Davis, RTI International
10:30-11:00	BREAK (30 min)	10:30-11:00	BREAK (30 min)	10:30-11:00	BREAK (30 min)	10:30-11:00	BREAK (30 min)	10:30-11:00	BREAK (30 min)
11:00-11:30	Mechanical Solutions - Advanced Vapor Compression Edward Bennett, Mechanical Solutions	11:00-11:30	CBI Tools Overview Jason Hartke, DOE	11:00-11:30	U.S.-China Clean Energy Research Center (CERC) Overview Nan Zhou, LBNL	11:00-11:45	HURL - High Performance Building Envelope Assemblies Vladimir Kochkin, HURL	11:00-11:30	UCSB - Identification and Mitigation of Droop Mechanism in GaN-Based Light Emitting Diodes (LEDs) Jim Speck, UC Santa Barbara
11:30-12:00	UTRC - Advanced Vapor Compression Frederick Cogswell, UTRC	11:30-12:00	PSD - Performance Systems Development Gregory Thomas, PSD	11:30-12:00	LBNL - CERC: Markets and Policy Initiative Carolyn Szum, LBNL	11:45-12:00	HURL - Durability of Windows in Walls with Continuous Insulation (CI) Vladimir Kochkin, HURL	11:30-12:00	Philips - Innovative Office Lighting System with Integrated Spectrally Adaptive Control Meg Smith, Philips
12:00-12:30	Dais Analytic - Non-Vapor Compression Brian Johnson, Dais Analytic	12:00-12:30	IMT - Institute for Market Transformation Julie Hughes, IMT	12:00-12:30	LBNL - CERC: Control, Commissioning & Data Mining Mary Ann Piette, LBNL	12:00-12:15	CEE - Aerosol Sealing in New Construction David Bohac, Center for Energy and Environment	12:00-12:30	Philips - Improved InGaN LED System Efficacy and Cost via Droop Reduction Isaac Wildeson, Philips
12:30-1:30	LUNCH (1 hour)	12:30-1:30	LUNCH (1 hour)	12:30-1:30	LUNCH (1 hour)	12:30-1:30	LUNCH (1 hour)	12:30-1:30	LUNCH (1 hour)
1:30-2:00	QM Power - Higher Efficiency HVAC Motors Stephen Nichols, QM Power	1:30-2:00	Milwaukee - City of Milwaukee Rose Buss, City of Milwaukee	1:30-2:00	ORNL - CERC: Integrated Building Design, Construction, & Industrialized Buildings Diana Hun, ORNL	1:30-1:45	Fraunhofer - Physics-based Interval Data Models to Automate & Scale Home Energy Performance Evaluations Kurt Roth, Fraunhofer	1:30-2:00	LANL - Next-Generation 'Giant' Quantum Dots: Performance-Engineered for Lighting Jennifer Hollingsworth, LANL
2:00-2:30	ORNL - Non-Vapor Compression Ahmad Abu-Heiba, ORNL	2:00-2:30	PNNL - Commercial Building Energy Asset Score Nora Wang, PNNL	2:00-2:30	U.S.-India Joint Center for Building Energy Research & Development (CBERD Overview) Mary Ann Piette, LBNL	1:45-2:00	Newport Partners - Development of the Industry's First Smart Range Hood Mike Moore, Newport Partners	2:00-2:30	Solid State Lighting Wrap-Up Reviewers and BTO Staff Only
2:30-3:00	UTRC - Non-Vapor Compression S. Ravi Annapragada, UTRC	2:30-3:00	NREL - SEED Development and Deployment Nicholas Long, NREL	2:30-3:00	LBNL - CBERD: R&D Simulation and Modeling Philip Haves, LBNL	2:00-2:15	UMN - Affordable Solid Panel "Perfect Wall" System Pat Huelman, University of Minnesota	2:00-2:30	Sensors and Controls Overview Marina Sofos, DOE
3:00-3:30	Xergy - Non-Vapor Compression Bamdad Bahar, Xergy	3:00-3:30	NREL - BuildingSync Development and Deployment Nicholas Long, NREL	3:00-3:30	LBNL - CBERD: R&D Monitoring and Benchmarking Reshma Singh, LBNL	2:15-2:30	Southface - Performance-Based IAQ & Optimized Ventilation Sydney Roberts, Southface Energy Institute	2:30-3:00	NREL - Home Battery System (BPA Initiative) Dane Christensen, NREL
3:30-4:00	BREAK (30 min)	3:30-4:00	BREAK (30 min)	3:30-4:00	BREAK (30 min)	3:30-4:00	BREAK (30 min)	3:30-4:00	BREAK (30 min)
4:00-4:30	USF - University of Florida A Combined Water Heater, Dehumidifier, and Cooler Saeed Moghaddam, Univ. of Florida	4:00-4:30	LBNL - Whole Building Performance Data Tools (BPD, SEED, BEDES) Paul Mathew, LBNL	4:00-4:30	LBNL - CBERD: R&D Integrated Sensors and Controls Christian Kohler, LBNL	2:30-2:45	Steven Winter - Ventilation Integrated Comfort System Robb Aldrich, Steven Winter Associates, Inc.	4:00-4:30	PNNL - NorthWrite Small Business Voucher Project Michael Brambley, PNNL
4:30-5:00	Xergy - Advanced Hybrid Water-Heater Using Electrochemical Compression (ECC) Bamdad Bahar, Xergy	4:30-5:00	LBNL - Measurement and Verification (M&V) 2.0 Demonstrations Jessica Granderson, LBNL	4:30-5:00	ORNL - CBERD: R&D Advanced HVAC Mahabir Bhandari, ORNL	2:45-3:00	Building America Wrap-Up Reviewers and BTO Staff Only	4:30-5:00	Drexel - VOLTTRON Compatible Whole Building root-Fault Detection & Diagnosis Jin Wen, Drexel
5:00-5:30	HVAC Wrap-Up (Day 3) Reviewers and BTO Staff Only	5:00-5:30	CBI Tools Wrap-Up Reviewers and BTO Staff Only	5:00-5:30	LBNL - CBERD: Building Envelopes Christian Kohler, LBNL			5:00-5:30	Virginia Tech - BEMOSS Saifur Rahman, Virginia Tech
				5:30-5:45	CERC and CBERD Wrap-Up Reviewers and BTO Staff Only			5:30-5:45	Sensors and Controls Wrap-Up Reviewers and BTO Staff Only

Thursday, March 16, 2017

1 - Washington Ballroom		2 - Commonwealth	
Time	Presentation and Speaker	Time	Presentation and Speaker
8:30-9:00	Envelope Overview Sven Mumme, DOE	8:30-9:00	Modeling Overview Amir Roth, DOE
9:00-9:30	ORNL - Core Funding R&D Probabilistic Analysis of the Performance of Air Barrier Systems Simon Pallin, ORNL	9:00-9:30	LBNL - AIA 2030 Commitment Kevin Settlemyre, LBNL
9:30-10:00	ORNL - Core Funding R&D Development and Validation of Fraunhofer Attic Thermal Model (FATM) Andre Desjarlais, ORNL	9:30-10:00	LBNL - Validation and Uncertainty Quantification Philip Haves, LBNL
10:00-10:30	ORNL - Core Funding R&D Insulated Siding for Energy Efficient Building Envelopes Andre Desjarlais, ORNL	10:00-10:30	LBNL - Modelica-SOEP Michael Wetter, LBNL
10:30-11:00	BREAK (30 min)	10:30-11:00	BREAK (30 min)
11:00-11:30	ORNL - R25 Polyisocyanurate Composite Insulation Material Kaushik Biswas, ORNL	11:00-11:30	LBNL - Fenestration and Envelope Modeling Tools Window, THERM, ShadeFen Charlie Curcija, LBNL
11:30-12:00	Iowa State University - Novel Infiltration Diagnostics based on Laser-line Scanning and Infrared Temperature Field Imaging Xinwei Wang, Iowa State University	11:30-12:00	LBNL - Fenestration and Envelope Modeling Tools Radiance Eleanor Lee, LBNL
12:00-12:30	ANL - Acoustic Building Infiltration Measurement System (ABIMS) Ralph Muehleisen, ANL	12:00-12:30	LBNL - SBV Lucid Jessica Granderson, LBNL and Josh Wentz, Lucid
12:30-12:45	Envelope Wrap-Up Reviewers and BTO Staff Only	12:30-1:30	LUNCH (1 hour)
12:45-1:30	LUNCH (45 min)		
		1:30-2:00	NREL - SBV - NRGSim - Enhanced Envelope Phase Change Material Simulations in EnergyPlus Edwin Lee, NREL
		2:00-2:30	Modeling Wrap-Up Reviewers and BTO Staff Only