

Day 1: Wednesday, March 16, 2011 // Schedule



TIME	TOPIC	SPEAKER	TOPIC	SPEAKER	TOPIC	SPEAKER
	Track A: Grand Ballroom, Salon D/E		Track B: Athens		Track C: Savannah	
	INNOVATIVE RETROFIT PROGRAMS AND STRATEGIES		PERSPECTIVES ON NEW CONSTRUCTION		TECHNOLOGY AND IMPLEMENTATION	
8:00-9:00	BREAKFAST PLENARY SESSION: RESIDENTIAL BUILDINGS PROGRAM, U.S. DEPARTMENT OF ENERGY (DOE), DAVID LEE, RESIDENTIAL BUILDINGS PROGRAM MANAGER BETTERBUILDINGS PROGRAM, DOE, DANIELLE SASS BYRNETT, BETTERBUILDINGS PROGRAM MANAGER					
	Scaling Residential Retrofits		New Construction Strategies		New Standards and Certifications	
9:30 - 10:30	Deep energy retrofits: four real world examples	Michael Keesee, Sacramento Municipal Utility District (SMUD)	National program implementation - an update on ENERGY STAR for New Homes	Sam Rashkin, EPA, ENERGY STAR for New Homes	RESNET standards and certification	Steve Baden, Residential Energy Services Network (RESNET)
	Utility programs, Home Energy Makeover	Stephen Self, Electric and Gas Industries Association (EGIA)	Results of a comprehensive national survey relative to the implementation of energy efficient construction methods	Phil Fingerhut, Builder Partnerships	BPI standards and certification	Larry Zarker, Building Performance Institute (BPI)
	Property management industry's perspective on driving energy-efficiency: from benchmarking to retrofits	Devesh Nirmul, FirstService Residential Management			Tools and designations, gaps and barriers to energy efficiency in remodeling	George "Geep" Moore, Jr. NAHB Remodelers
				Certification to the National Green Building Standards	John Boudreaux Hargrove Inspections	
	Changing the Market through Innovative Partnerships		Affordable Housing Strategies		High Performance Enclosures	
11:00 - 12:00	Thousand Home Challenge case studies: lessons learned	Linda Wigington, Affordable Comfort, Inc. (ACI)	Key opportunities and challenges	Chris Hall, Habitat for Humanity of Kent County Michigan	Exploring a variety of retrofit SIP products and applications to improve energy efficiency	Bill Wachtler, Structural Insulated Panel Association (SIPA)
	Taking the guessing game out of efficiency through strategic partnerships	Clayton Schuller, Next Step Living	Redefining affordable housing: educators of the green workforce	Shane Gring, Habitat for Humanity Colorado's region	Generalization of test data for SIPs	Eric Tompos, NTA, Inc.
					Insulated siding strategies	Fernando Pages Ruiz Building Affordable
12:10 - 1:00	LUNCH PLENARY SESSION: WINDOW AND ENVELOPE SOLUTIONS FOR TODAY AND TOMORROW, DOE, MARC LAFRANCE, TECHNOLOGY DEVELOPMENT MANAGER					
	Marketing and Occupant Behavior in Retrofits		Rebuilding Communities		Education and Outreach Tools	
1:30 - 2:30	Oh, Just Behave! Influencing homeowners	Carl Seville, Seville Consulting	Using the Building America Program to help bring New Orleans back	Reuben Teague Green Coast Enterprises	Educating to meet new standards	Sam Rashkin, EPA, ENERGY STAR
	Driving energy upgrades through the sales & marketing pipeline	Josh Englander, Polaris, Inc.	Let the data drive decisions: one model for properly balancing up-front building costs with ongoing energy savings	Zack Rosenberg Saint Bernard Project	Overcoming challenges of contractor education and engagement	Stephen Self EGIA
					Scalable education strategies for builders	Nancy Bakeman, Energy and Environmental Building Association (EEBA)
	Standardization, Operational Challenges, and Verification		Driving Consumer Awareness		Renewable Energy Technologies	
3:00 - 4:00	The rest of the puzzle - optimizing operational performance	Linda Wigington, ACI	So what? Making the consumer care about energy efficiency	Todd Louis Tommy Williams Homes	Smart grid ready - low cost of installation, residential solar electric system	Charles Korman GE Global Research
	Standardization of energy efficiency measures for Neighborhood Stabilization Projects (NSP)	Donald Hadsell, Office of Housing and Community Development, Sarasota	Using neighborhood scale infrared scanning technology to drive consumer interest	Galen Nelson Boston Redevelopment Authority	Optimal performance via integrated solar electric/solar thermal technology	Ram Narayanamurthy EchoFirst
	Results from using the online energy tracking tool, WegoWise	Edward Connelly New Ecology, Inc.	Consumer education and awareness	Melissa Lacas, Energy Detectives		
4:00 - 5:00	OPEN TIME: BREAK-OUT ROOMS READY FOR USE FOR PLANNING DISCUSSIONS WITH COLLEAGUES AND STAKEHOLDERS.					

Day 2: Thursday, March 17, 2011 // Schedule



TIME	TOPIC	SPEAKER	TOPIC	SPEAKER	TOPIC	SPEAKER
	Track A: Grand Ballroom, Salon D/E		Track B: Athens		Track C: Savannah	
	INNOVATIVE RETROFIT PROGRAMS AND STRATEGIES		PERSPECTIVES ON NEW CONSTRUCTION		TECHNOLOGY AND IMPLEMENTATION	
8:00 - 9:00	BREAKFAST PLENARY SESSION: MAJOR ENVIRONMENTAL INITIATIVES, NATEDRA BANKS, HOME DEPOT, SENIOR MANAGER OF ENVIRONMENTAL INNOVATION					
	Scaling Residential Retrofits		New Construction Strategies		High Performance Enclosures	
9:30 - 10:30	Scaling residential retrofits in the marketplace	Mike Rogers, GreenHomesAmerica	Whole-house energy guarantee program to be delivered to builders through spray foam contractors	Jim Lambach, Bayer Material Sciences	How to ensure durable water and air barrier systems in highly insulated walls	Theresa A. Weston, DuPont Building Innovations
	Retrofitting foreclosed properties as part of a flipping strategy	Dave Robinson, GreenEarthEquities	Production builder's perspective on EE	Scott Kinkaid, HearthStone Homes	Challenges and limitations in windows	James Larsen, Cardinal Glass
	Consumer aggregation - working with partners to serve entire communities	Geoff Chapin, Next Step Living				
	Transforming Residential Retrofit Strategies to Fit the Market		Water and Energy		Innovations and Challenges in HVAC - Addressing Whole-House Performance and Comfort	
11:00 - 12:00	Persuading five million homebuyers to invest in energy efficiency	Doris Ikle, CMC Energy Services	Taking a holistic view of water and energy efficiency	Shawn Martin, ICC	Residential HVAC energy efficiency trends	Kirby Bicknell, Trane
	Tackling the dual challenges of deep energy retrofits and the tenant-landlord "split incentive"	Galen Nelson, Boston Redevelopment Authority	Plumbing and mechanical code issues	Gary Klein, Affiliated International Mgmt.	Educating consumers and builders to go beyond system replacement into home performance	Brad Bartholomew, Bartholomew Heating & Cooling
	What data should a program collect?	Robin LeBaron, National Home Performance Council	Hot water - how to stay out of it: manufacturer's perspective on high efficiency water heating	Charles Adams, A.O. Smith		
12:10 - 1:00	LUNCH PLENARY SESSION: WORKFORCE GUIDELINES - BENJAMIN GOLDSTEIN, U.S. DEPARTMENT OF ENERGY, PROJECT LEAD FOR THE WORKFORCE GUIDELINES FOR HOME ENERGY UPGRADES					
	Financial Incentive Programs for Clean Energy/Retrofit		State of Green Real Estate - Valuing Energy Efficiency		High Performance Enclosures	
1:30 - 2:30	Financing residential energy efficiency improvements: challenges and opportunities	Larry Ostema, Abundant Power	State of green real estate	John Beldock, EcoBroker International/AEEREP	Quality applications in retrofit dense packing and damp spray cellulose	Bohdan Boyko, GreenFiber
	Financing multifamily retrofits at scale	Sadie McKeown, Community Preservation Corporation	Valuation of innovation	Joe Nebbia, Newport Partners	Energy efficient building solutions using flexible aerogel insulation	Steve Harasim, Aspen Aerogels
	Making financing work - making large-scale retrofits (almost) irresistible	Geoff Chapin, Next Step Living	Valuation of energy efficiency	Daniel Fries & Associates/Appraisal Institute		
	Challenges in Whole-house Retrofits		New Construction Strategies		Home Energy Management Systems	
3:00 - 4:00	Challenges in bringing energy efficiency to existing single family housing stock	Bruce Case, CASE Design/Remodeling	Business strategies for factory homes	Shilpa Sankaran, ZETA Communities	In-field applications of residential energy efficiency technology with home energy management systems (HEMs)	Ed Smith, E3
	Greenbelt Homes Project - Whole-house Performance and Comfort	Eldon Ralph, Greenbelt Homes, Inc.	Marketing energy saving features	Victor Daccarett, Baldwin Homes	Impact of HEMs on value of energy knowledge	Melissa Lacas, Energy Detectives (Energy, Inc.)
	Bringing cost-effective energy savings to Chicago's multifamily buildings	Peter Ludwig, CNT Energy in Chicago	Production builder's perspective on EE	Dean Potter, K. Hovnanian Homes	Drivers and consumer behavior	Kristen T. Bowring, Best Buy
4:00 - 5:00	OPEN TIME: BREAK-OUT ROOMS READY FOR USE FOR PLANNING DISCUSSIONS WITH COLLEAGUES AND STAKEHOLDERS.					

Session Descriptions // Day 3: Friday, March 18, 2011

General Sessions

8:00am: BREAKFAST PLENARY
SESSION: Surprising
Barriers to High
Performance Homes
- Jack Armstrong,
BASF, Senior Leader/
Construction Markets
North America

TECHNICAL COMMITTEES

9:15

Space Conditioning

Savannah 1

Analysis Methods & Tools

Savannah 2

Hot Water

Savannah 3

Home Energy Management

Athens Room

10:45

Building Envelope

Savannah 1

Testing Methods & Protocols

Savannah 2

Implementation Tools

Savannah 3