March 26-30, 2012
Baltimore Convention Center

ACI NATIONAL HOME PERFORMANCE conference

ACI Home Energy Leadership Summit:

Monday, March 26 – Tuesday, March 27, 2012

Short Courses*, Workshops, and Core Conference Sessions:

Monday, March 26 – Friday, March 30, 2012

**Additional cost for Short Courses.*

ELECTRONIC BROCHURE

Live links appear throughout this publication that will direct you to related websites. View this PDF on a computer that is connected to the Internet.

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Scholarships...

ACI is now accepting applications for a limited number of scholarships to the National Home Performance Conference for those looking to begin or advance their careers in the home performance and weatherization industry.
Apply now!

ACI

Get EDUCATED!

You cannot afford to miss the sessions at this year's **ACI National Home Performance Conference**. We are offering the most comprehensive agenda the industry has ever seen. Over 200 presenters will engage attendees at this year's event which includes more than 160 sessions focused on energy efficient home performance and weatherization strategies and diagnostic tools. But that's not all; we also have the industry's largest exhibitor trade show, in-depth workshops, and plenty of networking receptions.

Plus, the Core Conference will be preceded by the **3rd ACI Home Energy Leadership Summit**, *Road-Map to a Sustainable Future: Aligning Public and Private Market Interests*. This intensive, two-day event is designed for industry leaders to gather and create a vision for a successful home performance marketplace where public policy and private sector interests are aligned to create a sustainable market for whole-house retrofits. Areas of focus will be on the utility sector, the finance sector, as well as engaging contractors and home owners.

GET INSPIRED!

Network with your industry peers who share your passion for advancing the home performance and weatherization industry and creating a more sustainable, energy efficient future.

A keynote presentation from legendary actress Darryl Hannah rounds out the event with a heartfelt account of her personal dedication to energy efficiency as an environmental activist—a presentation that will not only capture the attention of conference attendees but is also sure to attract national media attention.

U.S. Congressman Peter Welch (Dem.) from Vermont will present as Policy Keynote Speaker in the **ACI Home Energy Leadership Summit**, *Road-Map to a Sustainable Future: Aligning Public and Private Market Interests*. As a strong advocate of energy efficiency, Rep. Welch authored legislation—based on the Vermont's successes—which created a national energy efficiency retrofit program. Welch unveiled the Retrofit for Energy and Environmental Performance (REEP) program in Burlington in March 2009.

Doug Nazarian, Chairman of Maryland Public Service Commission, will participate in panel during the ACI Home Energy Leadership Summit. He serves on the Executive Committee and Board of Directors of the National Association of Regulatory Utility Commissioners and as President of the Eastern Interconnection States' Planning Council. He joined the Commission in 2007 as General Counsel after fifteen years as a litigator, where he also served as partner in charge of the firm's Baltimore pro bono practice.

For more information on conference registration, visit www.acinational.org or contact Janet Johnson at 800-344-4866 ext.201.

ABOUT ACI

ACI is a national nonprofit organization that has become the go-to resource for information, education and best practices in an area of residential building construction that has become known as Home Performance and Weatherization. ACI brings together people from many sectors of the building trades and housing industry – contractor, builder, utility, nonprofit, government, research, and education – and connects them with the newest building science information from industry experts through national and regional events and trade shows.

For more information on ACI, visit www.affordablecomfort.org.

Follow ACI on Twitter and Facebook to get the latest updates on industry news and events.

Twitter:@ACIadvancing

Facebook: ACI (Affordable Comfort, Inc.)

ACI Home Energy Leadership Summit Preliminary Agenda

ACI Home Energy Leadership Summit

Road-Map to a Sustainable Future: Aligning Public and Private Market Interests

Join the Leaders at the Center of the Industry.

Our vision for a vibrant industry: *"Energy efficiency is a resource that is quantified, understood, and valued by both the utility industry and the financial community, enabling highly trained and knowledgeable contractors to sell comfort as a service to homeowners on a massive scale."*

DAY 1

POLICY KEYNOTES

National Imperative

- Olympia Snowe, U.S. Senator from Maine - R (invited)
- Peter Welch, U.S. Congressman from Vermont - D

GENERAL KEYNOTE

Envisioning Our Future

- Speaker to be announced soon

A VISION: The Future of Energy Efficiency as a Resource

What actions or steps are needed to realize the vision?

- Introduction: Aligning Interests and Incentives - Matt Golden, Efficiency.org
- **PART 1:** A future where Energy Efficiency is a resource valued by Utilities, Scott Johnstone, VEIC
- **PART 2:** A future where Energy Efficiency is a resource valued by the Financial Industry (speaker to be announced soon)
- **PART 3:** A future where Energy Efficiency is a resource valued by Contractors and Homeowners, Tracy Price, The Linc Group

PANEL DISCUSSION

How Utilities Can Value EE as a Resource

Understanding diverse stakeholders and finding paths to integration

- This moderated panel will include a diverse group of utility stakeholders including Doug Nazarian, Chairman of the Maryland Public Service Commission, David Terry from NASEO, and Lisanne Altmann from Long Island Power Authority.

EVENING RECEPTION

DAY 2

MORNING PANEL DISCUSSIONS

Financing Energy Efficiency: A Path to Scaling Up Investment

What we've done that works and what's needed to scale up

- This moderated panel will include a diverse group of finance experts including Keith Welks from the Pennsylvania Treasury, Peter Krajsa from AFC First, Alfred Griffin from Citigroup, and Brad Copithorne from Environmental Defense Fund.

The Future of Contractor Business Models

Models for engaging high quality contracting businesses in energy efficiency

- This moderated panel will discuss the business models needed to attract and expand the number of high quality contracting businesses focusing on energy efficiency.

LUNCH

AFTERNOON PANEL DISCUSSION

Selling Energy Efficiency: Models for the Future

Why and how consumer-focused companies are targeting energy efficiency

- This moderated panel will include Karie Johnson from Carrier Corporation, Opower, and several manufacturers to be announced soon.

CLOSING: Inspiring Success Stories

Several leaders will share their successes in solar, commercial energy efficiency, and carbon reduction policy

4 Hour Workshops
TUESDAY — March 27, 2012

Workshops AM Track — 8:00 AM - 12:00 PM

- **AC Systems Best Practices: How to Evaluate and Optimize Peak Performance**
  Joe Kuonen — CLEAResult Consulting, Inc.
  Bill Spohn — TruTech Tools, LTD
- **House as a System**
  David Keefe — Vermont Energy Investment Corporation
- **Look, Ma, No Fans: Ambient Pressure Diagnostics in Big Buildings**
  Larry Harmon — Air Barrier Solutions, LLC
  Tom Holmes — Association for Energy Affordability, Inc.
- **Hydronics for Low Energy Houses**
  John Siegenthaler — Appropriate Designs
- **Meaningful Makeovers: Empowering Deepest Reductions**
  David Eggleton — Applied Ecologics
  Linda Wigington — ACI (Affordable Comfort, Inc.)
- **Connecting the Dots: IAQ & Green Building Science-Sound Design Matters More Than "Eco-Bling"**
  Peter L Pfeiffer — Barley & Pfeiffer Architects
- **What's in Your Trainer Tool Kit? Principles in Theory**
  Ann Atkinson — Atkinson & Associates, LLC
  Cassandra Fricke — Community and Economic Development Association
- **Mixing the Quality Serum**
  John Tooley — Advanced Energy
- **Thermal Imaging Best Practices for the Building Thermographer**
  Matt Schwoegler — The Snell Group
  Don Thurmond — The Snell Group

Workshops PM Track — 1:30 PM - 5:30 PM

- **Passive House: Principles, Components & Lessons Learned**
  Katrin Klingenberg — Passive House Institute US
- **High Performance Space & Water Heating (Oil & Gas)**
  Skip Hayden — Renewables & Integrated Energy Systems
- **Dissecting the System: Fundamentals in Hot Water Efficiency**
  Gary Klein — Affiliated International Management LLC
  Jim Lutz — Lawrence Berkeley National Laboratory
  Jacob W Talbot — American Council for an Energy-Efficient Economy
- **Sustainable Lighting Products, Practices, & Principles**
  Bradley Oberg — IBACOS Inc
  Bradley Steele — Energy Federation, Inc.
- **What's in Your Trainer Tool Kit? Principles in Action**
  Ann Atkinson — Atkinson & Associates, LLC
  Cassandra Fricke — Community and Economic Development Association
  Lydia Gill-Polley — Constructive Consulting
- **Dense Packing for Air Sealing & Insulation**
  Richard Kornbluth — Dick Kornbluth, LLC
  Keith Williams — Building Services & Consultant LLC
- **The World of Energy Efficiency: An Overview**
  Abe Kruger — Kruger Sustainability Group
- **High Performance, Low Energy Details in the Field**
  Rachel Wagner — Wagner Zaun Architecture
- **Measuring Results: Energy Program Evaluation Issues & Examples**
  Michael Blasnik — M. Blasnik & Associates
  Scott Pigg — Energy Center of Wisconsin

Short Courses* — Monday, March 26–Tuesday, March 27

Short Courses are in-depth, day-long educational events. Schedule will be announced soon. **Learn More**.

**There is an additional cost for Short Courses.*

Core Conference Sessions
WEDNESDAY — March 28, 2012

TRACK	BREAKOUT 1 10:30 AM - Noon	BREAKOUT 2 1:30 - 3:00 PM	BREAKOUT 3 3:30 - 5:00 PM
Essentials	**House as a System** *Anthony Cox, Phil Hull*	**A Building Analyst's Toolbox** *Paul Raymer*	**Get More from Your IR** *Bret Monroe*
HVAC	**Forced Air Systems Primer** *Don Prather*	**Get 25% More Savings from Your A/C** *Joe Kuonen, David Slater*	**Dehumidification Strategies: Results from ASHRAE Study on Dehumidification** *Neil Moyer, Armin Rudd*
Diagnostics	**Combustion 101** *Rick Karg*	**Building Science Brainteasers: Unusual Problems & Solutions from Actual Home Performance Projects** *David Abrey*	**Electric Baseload Audit: From Kilowatts to Tabletops** *Chris Hunt*
Air Sealing	**The Challenging Details of Residential Air Sealing** *Keith Williams*	**Finding & Fixing Air Leakage in Multifamily & High-Rise Buildings** *Terry Brennan, Gary Nelson*	**Finding & Fixing Air Leakage in Small & Mixed Use Commercial Buildings** *Larry Harmon*
Shell	**Insulating Masonry & Stucco Walls** *Chris Benedict*	**Effective Techniques for Kneewalls, Dormers & Mansard Roofs** *Keith Williams*	**Dense Pack Insulation & Application Standards** *Bob Pfeiffer*
Distribution Systems	**Residential Heat Pump Air Handler Blower Motor Energy Use & How it Relates to Duct Sizing** *Mark Jerome, Bruce Manclark*	**Damage from Ducting Outside the Building Envelope** *John Harris, Greg Labbe, TBD*	**Duct Tricks** *Bruce Manclark*
Home Performance with ENERGY STAR	**Home Performance with ENERGY STAR - The Evolution Continues** *(Ely Jacobsohn), Jason Bogovich, Caroline Hazard, Kolleen Kawa*	**Home Performance with ENERGY STAR Sponsor Roundtable** *(Ely Jacobsohn), Jason Bogovich, Caroline Hazard, Kolleen Kawa*	**Successful Program Delivery Strategies** *(Chandler von Schrader), Cynthia Adams, Larry Earegood, Gavin Hastings*
Measured Results: Data Not Dogma	**Beyond 70%: Measured Results & Lessons Learned** *Bill Turner, Linda Wigington*	**Measured Results: DER Programs** *TBD*	**Deep Energy Retrofits: 10 California Case Study Homes** *Jeremy Fisher, Brennan Less*
Going Deep: Tools, Techniques, & Approaches	**Deep Killers: Loads that Doom Deep Reductions** *Danny Parker*	**HVAC Systems for Low Energy Homes (Panel)** *(Linda Wigington), Skip Hayden, Bruce Manclark, George Nesbitt*	**Integrated Deep Retrofits: Three Cold-Climate Case Studies** *Marko Spiegel, Rachel Wagner*

( ) Indicates session leader

Core Conference Sessions
WEDNESDAY – March 28, 2012 – cont.

TRACK	BREAKOUT 1 10:30 AM - Noon	BREAKOUT 2 1:30 - 3:00 PM	BREAKOUT 3 3:30 - 5:00 PM
Water: Not Just Hot	**Solar Thermal: Heat & Hot Water** *Michael LeBeau, Joerg Gaebler*	**Home Water Use: Consumption, Costs & Savings** *Jim Lutz, Benedict Schoenbauer, Stephanie Tanner*	**Heat Pump Water Heaters: Performance & Applications** *Ammi Amarnath, Srikanth Puttagunta, Linda Wigington*
Business Tool Box	**Starting a Home Performance Business** *Dan Kartzman, TBD*	**Home Performance Contracting: The Next Great Opportunity for HVACR & Insulation Contractors** *Mike Callahan, Dick Kornbluth, TBD*	**Scaling Your Home Performance Business** *Brett Knox*
Valuing Energy Efficiency: Rating, Labeling, Retrofits, & Home Sales	**EPS, HERS, HES… OMG!** *(Chandler von Schrader), Steve Baden, Joan Glickman, Robin LeBaron, Sean Penrith*	**Rating, Labeling, Retrofit & Home Sales: Spoof or Proof** *(Chandler von Schrader), John Beldock, Bill Garber, Ben Gromicko, Margaret O'Sullivan*	**Building Energy Labeling: Lessons from the Field** *(Rebecca Foster), Emily Kemper, Emily Levin, Carolyn Sarno*
Training	**Training Center Accreditation: Opportunities & Lessons Learned** *Roger Ebbage, Dave Meadows, Josh Olsen, Jennifer Somers,Jane Weissman*	**Green Jobs Workforce Development that is Working** *Katherine Daniel, Amanda Evans, Cassandra Fricke, Nichole Ovens*	**Technology Enhancements that Energize Your Trainings** *Doug Donovan, David Hepinstall, Frank Spevak*
Engaging the Customer	**It Ain't about Awareness: Motivating Americans to Make More Energy Efficient Choices** *Suzanne Shelton*	**Driving Demand: Community Approaches to Marketing Energy Efficiency** *Eli Allen, Liz Robinson*	**Reaching Customers through Trusted Messengers** *(Katherine Daniel), Kirsten Isaacson, John Mello*
Utility, State & Local Programs	**How Teamwork Makes a Winning Program** *Deb Davis, Steven Dyba*	**Bringing Home Performance Programs to Maturity: The Experience in Massachusetts & Maryland** *Monica Tawfik, Lauren Swiston Urbanek*	**Efficient New Construction Programs in Changing Times** *Ben Adams, Kathy Greely*
Program Design	**Redefining Affordable Housing Energy Metrics & Goals** *Neil Curtis*	**Residential Energy Consumption Variability Among Similar Housing Stocks – A Cross Sectional Study** *Phillip Kelsven*	**Sustainable Energy Resources for Consumers (DOE Weatherization Programing)** *Tim Lenahan*
Multifamily Programs	**Multifamily Audits & Retrofits: Programmatic, Technical & Financial Strategies** *Patrick Bunn, Scott Campbell, Douglas McCleery, Craig Peltier*	**The DOE WAP Multifamily Suite of Resources** *Norm Bourassa, David Hepinstall, Mike MacDonald, Jennifer Somers*	**Deep Energy Multifamily Retrofits: Two Case Studies** *John Adelsberger, Heather Clark, Jamie Lyons*
Mobile Lab	**Intro to Thermal Imaging** *Larry Armanda, A. Tamasin Sterner*	**Combustion Testing (including CAZ Depressurization)** *Steven Dyba, A. Tamasin Sterner*	**Air Leakage Testing (including Zone Testing)** *Steven Dyba, A. Tamasin Sterner*

( ) Indicates session leader

Core Conference Sessions
THURSDAY – March 29, 2012

TRACK	BREAKOUT 4 8:30 - 10:00 AM	BREAKOUT 5 10:30 AM - Noon	BREAKOUT 6 1:30 - 3:00 PM	BREAKOUT 7 3:30 - 5:00 PM
Essentials	**Zonal Pressure Diagnostics** *Anthony Cox, Phil Hull*	**Mobile Home Fundamentals** *Bob Pfeiffer, Calvin Steiner*	**Anticipating Depressurization Issues Due to Air Tightness & Ventilation Needs** *Rebecca Olson, Robert Parkhurst*	**Thermal Comfort: Beyond the Thermostat** *Thomas Brodbeck*
HVAC	**Variable Refrigerant Flow Systems** *Gary Schroeder*	**Minisplit HP/AC Applications** *Michael Lubliner, Danny Parker*	**Ditching the Ducts: Moving to the Furnace-Free Home** *Bruce Manclark*	**Condensing Boilers:How to Maximize Efficiency & Occupant Comfort** *Lois Arena, Thomas Butcher*
Diagnostics	**All About Measuring Air Flow** *Bill Spohn, Chris Stratton*	**House of Horrors** *Joe Kuonen*	**Energy Modeling vs. Reality** *Marcus Bianchi, Michael Blasnik, George Nesbitt*	**Successful Warm-Weather Infrared Inspections** *Matt Schwoegler*
Multifamily Technical	**Multifamily Building Energy Auditing** *Andrew Padian, Asit Patel*	**Multifamily Energy Performance: Benchmarking, Predicting & Tracking** *Michael Blasnik, Jerone Gagliano, Marc Zuluaga*	**Central DHW Distribution Systems** *Gary Klein, Nehemiah Stone*	**Mitigating IAQ Issues in Multifamily Retrofits** *Federico Noris, TBD*
Shell	**Site Applied Foam Insulation & Safety** *Patrick Dundon*	**Fixing Row Houses** *Hap Haven*	**Basement Insulation: What to Do & What Not to Do** *Kohta Ueno*	**Lessons Learned in the Trenches – Crawlspaces** *Krista Egger, Jason Todd*
Ventilation	**Efficiency Matters: HRV/ERV Measured Performance** *Michael LeBeau, Brennan Less*	**What to Do with Big Exhaust Systems?** *Sean Maxwell, Jonathan Woolley*	**Applications for ASHRAE 62.2 Compliance in Weatherization** *Rick Karg, Iain Walker*	**Working Through ASHRAE 62.2** *Rick Karg, Paul Raymer, Iain Walker*
IAQ	**IAQ Basics** *Rick Karg*	**The Effect of Weatherization on Radon Levels** *Terry Brennan, Scott Pigg*	**Low Energy Homes & IAQ** *Terry Brennan,TBD*	**Sick Houses, Sick People: Recognition & Response** *Rana Belshe, A. Tamasin Sterner*
Measured Results: Data Not Dogma	**Energy Upgrades: Atlanta Results** *Roderick Jackson, Eyu-Jin Kim, Sydney Roberts*	**Combined High Efficiency Space & Water Heating** *Lance Dyer, Jacob McAlpine, Benedict Schoenbauer*	**Energy Upgrades: Hot-Humid & Cold Climates** *Dennis Stroer, Sarah Widder*	**Net Zero & "Passive House" Monitored Performance** *David Hales, Srikanth Puttagunta*
Going Deep: Tools, Techniques, & Approaches	**Fixing the Lid** *John Straube*	**Stepping Stones to Deep Reductions** *Al Heath, Linda Wigington*	**Re-skinning I: Fluff, Foam & Furring Strips** *Bruce Coldham, Paul Eldrenkamp*	**Re-skinning II: Innovations & Assemblies** *Al Cobb, Marko Spiegel*
Shifting Paradigms	**All Roads Lead to Zero** *Bruce Sullivan*	**Atmospheric & Earth Science Primer** *Mac Pearce*	**A Powerful Arsenal: Green Building Science & Resilience** *Stephen Aiguier*	**From Policy Fragments to Policy Framework (Panel)** *Jennifer Amann, TBD*

( ) Indicates session leader

Core Conference Sessions
THURSDAY — March 29, 2012 – cont.

TRACK	BREAKOUT 4 8:30 - 10:00 AM	BREAKOUT 5 10:30 AM - Noon	BREAKOUT 6 1:30 - 3:00 PM	BREAKOUT 7 3:30 - 5:00 PM
Business Tool Box	**Consultative Home Performance Sell-utions** *Rayji Powers, Amanda Godward, TBD*	**Business Software Solutions** *(Peter Troast), Richard Burbank, Skye Dunning, TBD*	**Driving Profitability in Home Performance** *Rich Carrione, Blaine Fox*	**Energy Audit & Retrofit Contract Legalities & Pitfalls** *Mark Dyen, Stephen Stern*
Marketing	**The Best of Home Performance Marketing: Contractor Roundtable** *(Ed Thomas), (Peter Troast), Jeremy Begley, Richard Burbank, Scott Donelson, Jason Payne, Chad Ruhoff, Troy Tanner, Dan Thomsen*	**Inside the Mind of the Home Performance Consumer** *Aaron Goldfeder, Garry Upton*	**Internet Marketing 101 for Home Performance Pros** *Wally Conway, Peter Troast*	**Internet Marketing 201: Advanced Techniques in Web & Social Media** *Allison Bailes, Peter Troast*
Standards & Credentials	**Work Done Right: Workforce Specifications for Home Energy Upgrades, Multifamily & Manufactured Housing** *Benjamin Goldstein, David Hepinstall, John Tooley, TBD*	**The Workforce Support Network: Standards, Testing & Training** *Jonathan Boggiano, Bruce DeMaine, Vikki Murphy, A. Tamasin Sterner*	**The Value of Quality Management: Multiple Paths to Stand Out from the Crowd** *Tiger Adolf, Steve Baden, John Jones*	**Selecting the Right Certification for You, Your Business, Your Program** *Larry Zarker, Kyle Haddock, Jane Kruse, Patrick O'Shei*
Engaging the Customer	**The B&B of Occupant Involvement** *Rana Belshe, Lydia Gill-Polley*	**Education on Your Feet: Integrating In-home Energy Education** *Kelvin Keraga, Debbie Stevens*	**Evolution of the Customer: Solutions for Motivating Customers into Action** *Terry Miller*	**Community-Based Energy Efficiency: Eight Community-Wide Pilot Projects** *Shawn Collins, William Ranes*
Utility, State & Local Programs	**Is it Time to Fix the TRC? (Hint: It's Broke)** *(John Jones), Mark Dyen, Robert Knight, Robin LeBaron*	**Smart Grid: Policies that Could Change Your Business** *Dan Delurey, Kara Saul-Rinaldi, Greg Thomas*	**The Smart Home IS the Smart Grid** *Kara Saul-Rinaldi, Charles Segerstrom, TBD*	**BGE Limited Income Pilot Programs – Evaluation** *Jacqueline Berger, David Conn*
Program Design	**Collaborative Contractor Recruiting & Screening Tactics** *Tiger Adolf, Jane Kruse, Jamie Peters*	**Weaving Quality Assurance throughout Your Program** *James Phelps, John Tooley*	**Modeling Energy Efficiency Potential at the Local Level: Experience from Program Analysis of the Cincinnati Region** *Andy Holzhauser, Amanda Lowenberger, Eric Mackres, Jacob Talbot*	**WIPP: New & Innovative Approach to Weatherization** *Sean Bleything, Shawn Enterline, Nate Lewis, Staci O'Leary*
Healthy Homes	**Comprehensive Indoor Environmental Quality Assessments** *(Kevin Kennedy), Peter Ashley, Carl Grimes, TBD*	**EPA Tools to Assess & Improve Indoor Environmental Quality** *Mert Oktem, David Rowson, Ellen Tohn*	**Weatherization Plus Health: A Natural Partnership** *Jenae Bjelland, Robert Scott*	**One Touch Programs: Integrating Energy Upgrades & Healthy Housing** *Ryan Clouthier, Dana Nute, Ellen Tohn*
Mobile Lab	**Exhaust Fan Flow Measurement** *Larry Armanda, Charles Kern*	**Intro to Combustion Heating Systems: Identifying Components (Oil & Gas)** *Larry Armanda, Charles Kern*	**BPI Field Exam Practice** *Larry Armanda, A. Tamasin Sterner*	**BPI Field Exam Practice** *Larry Armanda, TBD*

( ) Indicates session leader

Get CONNECTED!

It's more than just networking; it's making valuable connections that lead directly to new business opportunities. Make new connections and reconnect with industry colleagues. You never know who you will meet at the ACI National Home Performance Conference. With attendance split evenly between contractors, builders and remodelers from the home performance and weatherization side and the public utilities, government programs and policy, and manufacturers, **there are representatives from all aspects of the industry present.** This unique event truly represents the full composite of the home performance industry.

How can you afford NOT to be here?

Core Conference Sessions

FRIDAY — March 30, 2012

TRACK	BREAKOUT 8 8:30 - 10:00 AM	BREAKOUT 9 10:30 AM - Noon
Essentials	**Heat Loss / Heat Gain** *Rick Karg*	**A Historic Perspective on Residential Construction Practices** *Terry Collins*
HVAC	**Variable Speed Blowers & the Ducted Systems They Serve** *Christopher Mohalley*	**Right-Sizing: Where to Draw the Line** *Skye Dunning, Luis Escobar*
Diagnostics	**Pressure Balancing** *Thomas Brodbeck, TBD*	**A New "Chicago Manual of Style" – Matching Architecture & Energy Use** *Larry Brand, Peter Ludwig, Jessica Spanier*
Multifamily Technical	**Heating System Distribution Analysis & Optimization in Multifamily Buildings** *Asit Patel, Joseph Sadow*	**Multifamily Heating System Controls** *Nick Dirr, Dominique Lempereur*
Shell	**Case Studies of Spray Foam Applications** *Jason Smith*	**Cool Roof Technology** *Thomas Brodbeck*
Ventilation	**What's New in ASHRAE 62 – Multifamily Applications** *Terry Brennan, Courtney Moriarta*	**Ventilation Systems – the Good, the Bad & the Ugly** *Robb Aldrich, Brian Coble*
IAQ	**Mac on Mold** *Mac Pearce*	**Indoor Air Quality** **Gas Oven Performance & IAQ Impact** *Brett Singer, TBD*
Measured Results: Data Not Dogma	**Deep Energy Reductions & IEQ Impacts** *Matt Berges, Mandy Metcalf*	**Innovation Everywhere: Spray Foam, Multi-speed Heat Pumps & High Performance Crawl Spaces** *Jeff Christian*
Going Deep: Tools, Techniques, & Approaches	**Window Attachments & Replacements: From Losers to Gainers** *Peter Yost*	**200 CFM 50: You Must be Kidding!** *Paul Eldrenkamp, Kent Hicks*
Shifting Paradigms	**Passive House: Yes? No?** *(Sean Penrith), Ann Edminster, Michael Hindle, Marko Spiegel*	**Real Deep: From Disposable to Sustainable** *Ann Edminster, Conrad Metcalfe*

( ) Indicates session leader

Core Conference Sessions
FRIDAY – March 30, 2012 – cont.

Get New OPPORTUNITIES!

When you are on the show floor at the world's largest trade show for home performance and weatherization—the ACI National Home Performance Conference — you get an insider's view of the industry's best and latest diagnostic technology. This is technology that can not only help you improve your current performance, but expand your business in new and profitable ways. And, with our trade show growing and expanding every year, you will find new information on programs, policies, technologies, and resources each time you attend.

New this year, ACI will be offering a **Job Posting Board** at the ACI National Home Performance Conference. Whether you are ready to hire new members for your team or you are interested in discovering what new job opportunities are available in the industry, this unique new feature will allow you to connect with those in the industry that can best fulfill your specific needs.

TRACK	BREAKOUT 8 8:30 - 10:00 AM	BREAKOUT 9 10:30 AM - Noon
Business Tool Box	**Winning with Continuous Improvement** *Ryan Clemmer, Rob McGarty, David Slater*	**Worst Practices: How to Go Out of Business** *Damian Hodkinson, Eric Lindberg, Dan Thomsen, Peter Van Buren*
Marketing	**Efficiency in Lead Generation: Building Your Home Performance Marketing Plan** *Blaine Fox*	**Financing Home Performance Improvements with an Energy Efficient Mortgage - National Leaders Making It Work** *(Tiger Adolf), Allison Bailes, Kevin Nunn, Jason Payne*
Standards & Credentials	**Improving Whole-House Modeling: The BPI-2400 Standard & RESNET Publication 2006-001** *Steve Baden, Jerone Gagliano, Bruce Harley, Robin LeBaron*	**Integrating Multiple Software Tools for Market Delivery of Efficiency Programs** *Ethan MacCormick, Casey Murphy, Andrew Pollock*
Engaging the Customer	**The Power of Choice: Intentional Influencing** *Rana Belshe, Lydia Gill-Polley*	**Engaging Homeowners with Energy Feedback Devices** *Danny Parker, Peter Troast*
Utility, State & Local Programs	**It's a Gas – Successful Programs for Gas Utilities** *Erich Evans, Alison ten Cate*	**BGE PeakRewards Data Analysis Successes** *Keisha Clarke-English, Wendy Foslien, Deb Henderson, Ruth Kiselewich*
Program Design	**New Home Comfort & Savings Guarantee Program** *Ben Adams, David Bell, Krista Egger*	**Green Standard Alphabet Soup** *Dana Bourland, Michelle Desiderio*
Healthy Homes	**Green & Healthy Homes Initiative** *Ruth Ann Norton, Ken Strong*	**Volunteer-Based Programs are Part of the Home Energy Solution** *(Don Ryan), Bonnie Bessor, Susan Carroll, Kevin Gobble, Matthew Lyons*
Mobile Lab	**BPI Field Exam Practice** *Larry Armanda, A. Tamasin Sterner*	**BPI Field Exam Practice** *Larry Armanda, A. Tamasin Sterner*

( ) Indicates session leader

PARTICIPATING EXHIBITORS

INTERESTED IN EXHIBITING at the ACI National Home Performance Conference Trade Show?

Contact our Trade Show Manager today:
Chris Docchio
(412) 424-0046
cdocchio@affordablecomfort.org

AccuVent/ Brentwood Inds
ACI (Affordable Comfort, Inc.)
AFC First Financial Corp.
AM Conservation Group
Association for Energy Affordability
Building Performance Institute (BPI)
Building Professionals
Carrier
Chimney Balloon USA
CLEAResult Consulting, Inc.
Comfort Institute
Comfort RX
Conservation Services Group
Conservation Strategies
Conservation Technology
Dr. Energy Saver
Efficiency First
Elliott Management Consultants
Empire Comfort System
Energy Federation Inc.
EnergySavvy
Fire Plug/Battic Door Energy Conservation Products
Flir Systems
Fluke Thermography
Graco
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Home Energy Magazine
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Interstate Renewable Energy Council
J&R Products
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MaGrann Associates
Marwin Company
Masco Contractor Services
Monroe Infrared
NATE
National Fiber
National Grid
Niagara Conservation
Panasonic Home & Environment Co.
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Professional Equipment
Renew Aire LLC
RESNET
Retrotec Energy Innovations Ltd.
RHH Foam Systems Inc.
Saturn Resource Management
Service Partners
Snell Infrared
Tamarack Technologies
The Energy Conservatory
Tru Tech Tools Ltd.
U.S. Department of Housing and Urban Development
U.S. EPA Indoor airPLUS Program
Vent Cap Systems
Vinyl Siding Institute
Warm Thoughts Communications
WECC

Poster Sessions…

Poster sessions are an excellent forum for participants to present their work in an informal and interactive session or present work that may be too preliminary for research result evaluation. Posters cover the same interest areas as the core conference and short courses, such as energy efficiency, sustainable design, program implementation, or deep energy reduction measures you've done to your own home. Presentations may highlight lessons learned, research results, or current projects in order to share best practices, promote use of new technologies, to build awareness and skills, and advance the performance of new and existing buildings.

ACI will continue to accept applications until March 5, 2012. Final acceptance notifications will be emailed by March 9, 2011.

THANK YOU TO OUR SPONSORS

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Sponsor an ACI event by contacting the ACI Sponsor Relationship Manager today:

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Daily HIGHLIGHTS

MONDAY, March 26
- ACI Home Energy Leadership Summit
- Speakers will include: Doug Nazarian, Chairman of the Maryland Public Service Commission; Peter Welch, U.S. Congressman from Vermont (Dem); Tracy Price, Chairman, President and Chief Executive Officer of The Linc Group; Scott Johnstone, Executive Director of the Vermont Energy Investment Corporation; Peter Krajsa, Chairman/CEO of AFC First Financial Corporation
- Short Courses*

TUESDAY, March 27
- ACI Home Energy Leadership Summit cont'd.
- Short Courses cont'd.*
- Workshops**
- Evening Welcome Reception

WEDNESDAY, March 28
- Opening Plenary
- Keynote Speaker, Daryl Hannah
- Core Conference Sessions
- Trade Show Opens
- Exhibitor Reception
- Poster Sessions
- Evening Sessions

THURSDAY, March 29
- Core Conference Sessions cont'd.
- Trade Show & Poster Sessions cont'd.
- Networking Reception
- Evening Sessions cont'd.

FRIDAY, March 30
- Core Conference Ends at Noon

**Additional cost for Short Courses. Schedule to be announced.*

***Workshops are four-hour sessions offered prior to the Core Conference. Workshops are included in the cost of the Core Conference.*

ACT NOW!

Register now for the 2012 ACI National Home Performance Conference and **save $100.**
Early bird expires February 13.

Registration Options

Main Registration Packages	Early Bird Until 2/13/12	Normal Registration
Home Energy Summit	$895.00	$995.00
Core Conference	$775.00	$875.00
Home Energy Summit & Core Conference	$1,570.00	$1,770.00
Core Conference One Day Pass:		
Wednesday	$400.00	$400.00
Thursday	$400.00	$400.00
Friday	$400.00	$400.00
Trade Show Only:		
Wednesday	$225.00	$225.00
Thursday	$225.00	$225.00

Hotel Accommodations
Rooms are going fast! Reserve your hotel accommodations at the Hilton now. The group discounted rate expires March 2 or while rooms are available. ***Book online now!***

Hilton Baltimore
401 West Pratt St
Baltimore, MD 21201
Reservations: 443-573-8700

Group Rate: $199 per night, plus applicable state and local taxes. Rates are valid until March 2, 2012, or until the group-block is sold out.

The Hilton is connected by walkway to the Baltimore Convention Center.

Efficiency First member companies are eligible for discounts on ACI National core conference registration fees. Discounts are: $50 per attendee for early-bird registration, and $150 per attendee for regular registration. Discounts apply for each person in the member company.

Join Efficiency First: Click here to join Efficiency First or for more information about Efficiency First membership.

Current Efficiency First members: Log into your Efficiency First account and view your ACI National discount code.