

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

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

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

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

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

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

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