

**2011 National Weatherization Training Conference
Agenda
As of 12.8.11**

Monday, December 12, 2011	
6:30 am – 6:30 pm	Registration Open <i>Hall E Entrance</i>
6:30 am – 8:15 am	Breakfast <i>Room 243-245</i> (<i>AM and All-Day Pre-Conference Session Participants Only</i>)
8:30 am – 5:00 pm	Pre-Conference Full-Day Sessions – Fee \$100 (<i>Includes breakfast, AM/PM refreshment breaks, and lunch</i>)
M01 FM Room 353-354	For Profit Weatherization: Fee for Service and Creating an LLC with the Non-Profit (<i>Repeats Wednesday</i>)
	During this session, presenters will: <ul style="list-style-type: none"> • Expose attendees to possibilities and pros and cons of having an energy services weatherization arm of a non-profit. • Share basic "how to's" for establishing and running a fee for service arm. • Provide an overview of steps to take. • Explain steps to setting up a business plan. • Explore examples of running an independent business with proceeds going back to non-profit. • Discuss how to document and report program income. • Share stories of how different agencies established successful energy services weatherization arms.
	Presenters: Bill Beachy , Community Housing Partners/Energy Services, Christiansburg, VA; John Davies , Building Performance Center, Bellingham, WA; Ken Robinette , South Central Community Action Partnership, Twin Falls, ID; Carrie Smith , FSL, Phoenix, AZ
M02 FM Room 349	Procurement: Almost Everything There is to Know (<i>Repeats Tuesday</i>)
	During this session, presenters will: <ul style="list-style-type: none"> • Share knowledge of 10 CFR 600 procurement regulations requirements. • Explain how to select the appropriate procurement method and identify the skills needed to develop a solicitation document. • Discuss allowable costs, vehicles and equipment, and inventory management. • Provide practical examples.
	Presenter: Susan White , ACKCO, Phoenix, AZ

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M03 L/P/F Room 348	Planning for the Future: Strategic and Business Planning
	<p>The Weatherization Assistance Program has experienced a tumultuous period of great change. In these uncertain times, it is necessary for Community Action to be nimble on its feet and build a strategic vision for its future. In this all day session, the Illinois Association of Community Action Agencies will guide participants through an Appreciative Inquiry process that recognizes the strengths of the Weatherization Program, that considers possible future scenarios that may affect the Weatherization Program, and that demonstrates a strategic planning process that is practical and reasonable. This process is one that can be taken back and implemented in any agency immediately.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Introduce the methods of Appreciative Inquiry to lay the groundwork for strategic planning. • Lead participants through a process that prepares them to make their strategic growth plan built on today's successes. • Guide participants through the exercises and activities that make up the process of Appreciative Inquiry and the strength-based development plans. • Interact with participants through this process of "experiential learning." • Provide participants with a new understanding of a CAAs' potential and its capacity for making selected temporary achievements permanent. • Help participants develop a framework of goals and indicators that allows more detailed planning for choosing growth strategies before the end of the Recovery Act. • Provide working tools, including forms and instructions, for more extended planning with a diverse set of colleagues and leaders so as to build on the strengths they discover. • Share examples of how the Illinois Community Action network has put this proven technique of planning into actual practice in the strategic planning required by CSBG.
	<p>Presenters: Sara Ratcliffe, Dr. D. Samson Sulamoyo, and Christine Westerlund, Illinois Association of Community Action Agencies, Springfield, IL</p>

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M04 MH Hall E	Mobile Home Overview
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain the basic construction of a mobile home, and review the history, including what has changed as code requirements have changed. • Talk about existing policies and theories. • Discuss similarities and differences between mobile homes constructed for southern climates versus northern climates and the implications of certain measures as a result. • Differentiate between mobile home design versus modular home design. • Remark on new HUD changes and how they impact Weatherization. • Discuss how to measure building shell infiltration and duct leakage in mobile homes. • Show how to diagnose problems by interpreting test results and discuss how to use the test results to target air- and duct-sealing efforts. • Demonstrate how to repair, patch, and insulate mobile home bellies and wings, including discussion on the most effective tools, materials, and techniques. • Demonstrate how to repair and insulate mobile home walls, including discussion on the most effective tools, materials, and techniques. • Discuss the energy-saving potential of this common measure. • Explain the characteristics of flat, pitched, and bowstring mobile home roofs and the challenges each type poses to adding roof/attic insulation. • Show multiple ways to insulate the roof cavity of mobile homes. • Discuss proven methods to avoid roof leaks down the road.
	Presenters: Bob Pfeiffer and Adrian Scott , WECC, Madison, WI; Cal Steiner , North Dakota Department of Commerce, Bismarck, ND
M05 P/M Room 350	Historic Preservation: Section 106 Essentials
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Describe the relationship of federal historic preservation review requirements to the National Historic Preservation Act. • Explain whether a Section 106 review is required and who should participate in a review. • Teach a four-step procedure through which federal agencies fulfill their project planning review requirements under Section 106. • Provide consultation to attendees who are considering alternatives and resolving conflicts between federal or federally-assisted development and historic preservation.
	Presenter: Lee Webb , The Advisory Council on Historic Preservation, Washington, DC

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M06 P/M Room 357	The Recovery Act: Dealing with Closeout (<i>Repeats Wednesday</i>)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide a Federal overview of rules and regulations governing closeout. • Discuss reporting requirements. • Explain how Grantees have dealt with temporary subgrantees. • Discuss ways to redistribute duties within the organization. • Share how strong State/Local partnerships aid in closeout. • Talk about how local agencies plan for balances at the end of the grant to spend out Recovery Act funds without combining with other DOE funds by using funds other than DOE. • Speak to the disposition of equipment, if necessary, or utilization of it. • Communicate ways to lay off employees and handle unemployment benefits. • Provide ample time for questions and answers.
	<p>Presenters: Kary Burin, Community Action Partnership Association of Idaho, Boise, ID; Jean Diggs, U.S. Department of Energy, Washington, DC; Ray Jarr, NETL, Morgantown, WV; Kavita Vaidyanathan, U.S. DOE Office of General Counsel, Washington, DC; Angela Young, U.S. Department of Energy-NETL, Pittsburgh, PA</p>
<p>8:30 am – 12:00 noon Pre-Conference AM Sessions – Fee \$50 <i>(Includes breakfast and AM refreshment break)</i></p>	
M07 A/D Room 346-347	Introduction to the Weatherization Assistant: Part 1
	<p>This session is for new or inexperienced users of the Weatherization Assistant (NEAT and MHEA) who want to receive a detailed overview of this energy audit program. This training should provide a good foundation for the attendee to build from, but may not be sufficient for the attendee to immediately use the software to audit houses without some additional training or support.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide a general overview of the Weatherization Assistant. • Install and set up the program. • Create and enter information on a new client. • Start a NEAT or MHEA audit for a client. • Update the Setup and Supply Libraries with agency-specific information. • Assist attendees with setting up laptops (attendee supplied) and inputting local pricing information (attendee supplied).
	<p>Presenter: Mark Ternes, Oak Ridge National Laboratory, Oak Ridge, TN</p>

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M08 A/D Room 340-341	Weatherization Assistant: Work Orders
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Teach how to create a work order using weatherization measures recommended by NEAT or MHEA, or from scratch if a priority system or other audit approach is used. • Explain how to enter the details of a work order. • Show how to print out a work order. • Discuss making updates to a work order and estimated costs after the work is completed to reflect the actual measures installed and the actual costs incurred.
	Presenter: Michael Gettings , Oak Ridge National Laboratory, Oak Ridge, TN
M09 BT Room 355	Introduction to WAP for Technical Staff
	<p>This session is designed for newcomers and/or long-timers who want to “learn the basics” of the Weatherization Assistance Program. Participants will gain a ‘soup to nuts’ overview of the WAP.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide a historical perspective of the Weatherization Assistance Program. • Share characteristics of the client base served by the Program. • Explain that building science guides the selection of measures installed with Program dollars. • Teach the principles of cost-effectiveness and the savings-to-investment ratio (SIR). • Identify modern weatherization measures. • Discuss the basic interrelation of home components. • Explain that changes made now can create issues that emerge as damage years later. • Provide a historical perspective of health and safety in the Program. • Identify allowable and typically performed health and safety measures. • Explore the role that other funding sources and partnerships can play.
	Presenters: Adrian Correa , Pulaski Technical College, North Little Rock, AR; Kelly Cutchin , SMS, Rockville, MD; Bill Eckman , Santa Fe Community College, Santa Fe, NM

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M10 H/S Room 343-345	<p>Ventilation 62.2: Implementing the New Standard <i>(Repeats Wednesday and Thursday)</i></p>
	<p>DOE is requiring the use of the ventilation standard, ASHRAE 62.2-2010, <i>Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings</i>. This training will address the details of this national standard, including local ventilation, whole-building ventilation, and practical installation methods. Presenters will cover design examples as a class and in smaller groups. Other details of the ASHRAE 62.2-2010 standard will be discussed, including fan control, noise level, measuring fan flow, ducting, and more.</p> <p>During this training, the presenter will:</p> <ul style="list-style-type: none"> • Explain the required components of the ASHRAE 62.2-2010 standard, including local and whole-building ventilation. • Show how to calculate whole-building ventilation and discuss the various methods available for making calculation easy. • Discuss the types of whole-building ventilation systems that can be installed, including the advantages and disadvantages of each. • Explain the step-by-step work-flow process for designing and installing ventilation in weatherized dwellings.
	<p>Session Leader: David Fuller, Massachusetts Department of Housing and Community Development, Boston, MA</p> <p>Presenters: Martha Benewicz, Wisconsin Division of Energy Services, New Auburn, WI; Paul Francisco, University of Illinois, Champaign, IL; Rick Karg, Energy Information Management, Bethel, ME; Robert Parkhurst, WECC, Madison, WI</p>
M11 L/P/F Room 338-339	<p>Grant Writing Workshop: How to Get Started</p>
	<p>As conventional sources of funding for low-income programs diminish, managers must stay on the cutting edge to successfully compete for government and foundation funds.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Cover basic grant writing infrastructure issues, including the need for DUNs, CCR, and grants.gov registration. • Suggest resources to subscribe to for funding opportunity announcements. • Share hints for successful grants, such as what a budget narrative really "looks" like if it is done well. • Teach about grant writing shortcuts and timesavers to help you work smarter and faster.
	<p>Presenter: Pam Wall, Mary Bird Perkins Cancer Center, Ventress, LA</p>

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M12 MF Room 352	Multifamily Weatherization Overview
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Identify who the client is – and isn't. • Explain the role that clients play in helping the auditor determine health, safety, and energy needs. • Review desirable interaction among the auditor, the building owner/manager, the maintenance supervisor, and the client. • Identify which building data is important to collect. • Discuss multifamily building assessment. • Discuss the differences between types of multifamily buildings. • Provide definitions and cutoffs for multifamily audits regarding software/analysis. • Provide the fundamental principles of steam heating, including the basic properties of steam, how it moves through a building. • Discuss basic operating parameters of a boiler, including basic burner operating controls and burner operating cycles. • Teach about basic safety mechanisms found on steam boilers. • Discuss ventilation in the different types of buildings. • Discuss testing protocols and how they differ among various types of multifamily buildings. • Discuss typical multifamily weatherization measures.
	Presenters: Matt Pesce , Facility Strategies Group, LLC, Fort Mill, SC; Glen Salas , SMS, Rockville, MD
M13 P/M Room 356	WAP: Rules and Regulations (<i>Repeats Tuesday</i>)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Identify current rules and regulations applicable to the Weatherization Program. • Outline and explain recently issued Weatherization Program Notices (WPNs). • Discuss latest policy guidance on major Program areas. • Explore a number of topics, including Health & Safety, Contract Closeout, and Applications and Reporting.
	<p>Session Leader: Christine Askew, U.S. Department of Energy, Washington, DC</p> <p>Presenters: Erica Burrin and Christine Platt Patrick, U.S. Department of Energy, Washington, DC; Katherine Foote, Carole Gates, and Michael Peterson, U.S. Department of Energy, Golden, CO; Greg Reamy, GMR Energy Services, Washington, DC</p>

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M14 PI Room 335-336	Educating Partners: Crafting the Message for the Appropriate Audience (<i>Repeats Tuesday</i>)
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss how to communicate with potential partners, such as: investors, utilities, training partners, landlords and community based organizations, Public Service Commissions and Public Utility Commissions. • Identify who we are and what we do.
	Session Leader: Lisa Kesecker , Energy Design & Services, Moorefield, WV Presenter: David Bradley , National Community Action Foundation, Washington, DC
M15 PI Room 351	Spreading the Word: Delivering Effective Information (<i>Repeats Thursday</i>)
	Informing the public about what we do seems easy, right? Having the “information tools” in your toolbox can be incredibly valuable. During this session, presenters will: <ul style="list-style-type: none"> • Describe existing client education materials. • Share how agencies have launched information campaigns and the tools and information they used. • Discuss various delivery and outreach mechanisms. • Suggest cost effective approaches to getting the information out.
	Presenters: Tom Calhoun , COAD, Athens, OH; Suzanne Harmelink , WECC, Madison, WI; Rebecca Stewart , NASCSP, Washington, DC
10:00 am – 10:30 am	Refreshment Break (<i>AM and All-Day Pre-Conference Session Participants Only</i>)
12:00 noon – 1:30 pm	Boxed Lunch <i>Room 243-245</i> (<i>PM and All-Day Pre-Conference Session Participants Only</i>)
1:30 pm – 5:00 pm	Pre-Conference PM Sessions – Fee \$50 (<i>Includes lunch and PM refreshment break</i>)
M16 A/D Room 346-347	Introduction to the Weatherization Assistant: Part 2
	This session is for new or inexperienced users of the Weatherization Assistant (NEAT and MHEA) who want to receive a detailed overview of this energy audit program. This training should provide a good foundation for the attendee to build from, but may not be sufficient for the attendee to immediately use the software to audit houses without some additional training or support. Part 2 will build upon the information provided in Part 1. During this session, presenters will: <ul style="list-style-type: none"> • Discuss a NEAT or MHEA audit for a client. • Enter information into and run NEAT and MHEA. • Explain how to use the NEAT and MHEA recommended measures reports.
	Presenter: Mark Ternes , Oak Ridge National Laboratory, Oak Ridge, TN

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M17 A/D Room 340-341	Weatherization Assistant: Other Advanced Features
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss how to develop and implement surveys to collect state- or agency-specific information. • Cover how to track the status of clients, audits, and work orders. • Explain how to print summary and progress reports. • Identify options to link photographs to clients, audits, and work orders. • Teach how to map client locations. • Discuss how to develop and track an inventory of materials. • Identify how to track the funds available in cost centers.
	Presenter: Michael Gettings , Oak Ridge National Laboratory, Oak Ridge, TN
	Weatherization for Energy Auditors and Inspectors - Single Family
M18 A/D Room 338-339	<p>Gain a crash course in some of the technical aspects of auditing/inspecting and learn some reasons for and benefits of monitoring/inspecting that you might not be aware of.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss the purpose of monitoring and inspecting. • Review why to conduct desk monitoring and in-progress monitoring. • Explain zonal pressure diagnostics (ZPD). • Discuss and demonstrate combustion appliance testing. • Teach how to write a work order. • Share tips for report writing.
	Presenters: John Bodtmann , Community Housing Partners/NRCERT, Christiansburg, VA; Tony Gill , SMS, Rockville, MD; Amelia Godfrey , Southface, Atlanta, GA

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M19 BT Room 355	<p>Weatherization Crew Chiefs</p> <p>Crew chiefs are supervisors, installers, teachers, inventory managers, and mentors. Get some tips on mastering some of the many facets of this all-encompassing position.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain the many responsibilities of the crew chief. • Identify who the crew chief interacts and communicates with and discuss expectations of the crew chief in order for weatherization to be successful. • Share the basic leadership skills needed to effectively manage a crew. • List the steps in problem solving and the importance of problem-solving skills. • Discuss scheduling workdays and planning job flow for effective use of time and resources. • Share tips for motivating a crew to work effectively as a team, and enjoy doing it. • Identify basic work order components. • Teach simple tools and materials, as well as, organizational and tracking methods. • Discuss how to correct work order errors and oversights and discuss methods to cope with site discovered problems. • Highlight the importance of equipment maintenance and its effect on production.
	<p>Session Leader: Ken Feller, SMS, Rockville, MD Presenters: Sean Bleything, VEIC, Burlington, VT; Tom Brodbeck, Universal Energy, Boise, ID</p>
M20 BT Room 333-334	<p>Weatherization Installer-Technician Fundamentals/Intermediate</p> <p>At least as important as knowing how to do the many tasks they're charged with, installers need to know the "why". Get an overview of the "how" and the "why" of a few of the most typical weatherization measures.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain the function, proper location, and common trouble spots in the thermal boundary and the air or pressure boundary. • Explain what is meant by inside and outside in terms of an air barrier, and how a blower door is used to determine that. • Discuss basic principles of air leakage and list typical air leakage sites. • Identify various tools and materials used in air sealing and attic preparation. • Explain high-temperature issues and how to treat them. • Discuss safety concerns related to wiring. • Teach how to prepare an attic for air sealing and insulation. • Emphasize the importance of achieving uniform density at the targeted R-value throughout the cavity. • Share typical tools for the job, including safety equipment. • Discuss basic equipment maintenance protocols. • List the proper order of operations for blowing in dense-pack sidewall insulation.
	<p>Presenters: Kelly Cutchin, SMS, Rockville, MD; John Kane, Southface, Atlanta, GA; Jack Martin, Bucks County Community College, Newtown, PA</p>

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M21 FM Room 335-336	The Recovery Act: How to Retire Grants (<i>Repeats Thursday</i>)
	During this session, presenters will: <ul style="list-style-type: none"> • Address vehicles, equipment, and inventory purchased with Recovery Act funds. • Discuss deobligating and moving money. • Provide insight to other aspects of grant close-out.
	Session Leader: Carl Saueressig , U.S. Department of Energy, Golden, CO Presenters: Carole Gates , U.S. Department of Energy, Golden, CO; Ray Jarr , NETL, Morgantown, WV; Angela Young , U.S. Department of Energy-NETL, Pittsburgh, PA
M22 H/S Room 352	Combustion Appliances for Energy Auditors and Inspectors
	A refresher course on the key components of combustion appliance safety, this course is geared towards newcomers and experienced staff who want a technical review. During this session, presenters will: <ul style="list-style-type: none"> • Discuss the importance of inspecting, evaluating, and working on heating systems as part of weatherization. • Review why it is important to keep heating systems running efficiently and safely. • Identify the basic principles of combustion, distribution, and venting, as well as safety-related problems. • Identify the heat values of the most common heating fuels. • Discuss technical requirements of propane to natural gas conversion of combustion appliances. • Explain the vent categories and draft types defined by the National Fuel Gas Code.
	Presenters: RW Davis , Community Housing Partners/NRCERT, Christiansburg, VA; Ken Pancost , FSL, Phoenix, AZ; Bill Van der Meer , SMS, Rockville, MD
M23 H/S Room 343-345	Health & Safety Training for Programmatic Staff
	During this session, presenters will: <ul style="list-style-type: none"> • Provide an in-depth review of health and safety guidance. • Clarify required, allowed, and disallowed measures. • Describe the various health and safety issues with their training and client education requirements. • Discuss health and safety costing and budgeting issues. • Outline materials available in the Health & Safety Curriculum. • Allow time for questions and answers.
	Presenters: Ryan Middleton , U.S. Department of Energy, Washington, DC

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M24 P/M Room 356	DOE Inspector General's Office and Government Accountability Office: Results of Recent Monitoring and Inspection (<i>Repeats Tuesday</i>)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain how the Department of Energy’s Office of Inspector General (OIG) is responsible for preventing and detecting fraud, waste and abuse in DOE programs and operations. • Explain how the U.S. Government Accountability Office (GAO) supports Congress in meeting its constitutional responsibilities and helps improve the performance and accountability of the federal government for the benefit of the American people. • Discuss audits, inspections and criminal investigations recently conducted in the Weatherization Assistance Program. • Discuss the DOE OIG’s legal authority and mandatory contractor requirements. • Discuss various fraud schemes and identify their violations of federal and state laws. • Identify various indicators of potential fraud, waste, and abuse. • Provide contact information in order to report fraud, waste, and abuse related to DOE programs, and operations.
	<p>Session Leader: Katherine Foote, U.S. Department of Energy, Golden, CO Presenters: Chris Kenefick, Randall Kizer, and Jack Rouch, U.S. DOE Inspector General's Office, Golden, CO</p>
M25 PI Room 351	Messaging: Communicating Your Message Through Various Tools (<i>Repeats Wednesday</i>)
	<p>The challenge to the WAP network to tell their story is more important than ever. The Recovery Act has precipitated more press and publicity, much of it negative, than the Program has ever experienced. The WAP network needs to have strategies to educate reporters, policymakers, stakeholders, and interested parties. For instance, Weatherization Day is a great way to showcase your program through a site demonstration.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Look at strategies and resources for crafting a positive message about the WAP, including site demonstrations, a tool that has proven effective for showing the state-of-the-art technology employed by WAP. • Provide an overview of how to integrate new media and social networking tools into your program to take proactive control over making sure your message is heard. • Discuss how to involve partners in Public Advisory Councils (PAC).
	<p>Presenters: Nick Broussard and Jono Sher, U.S. Department of Energy, Golden, CO; Jo-Ann Choate, Maine State Housing Authority, Augusta, ME; Alice Gaston, NASCSP, Washington, DC</p>

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3:00 pm – 3:30 pm	Refreshment Break <i>(PM and All-Day Pre-Conference Session Participants Only)</i>
3:30 pm – 4:30 pm	Technical Demonstrations <i>Hall E</i> <i>(All conference participants – no additional fee)</i>
4:30 pm – 6:30 pm	Exhibitor Meet & Greet <i>Hall E</i> Networking Opportunity Technical Demonstrations <i>(All conference participants – no additional fee)</i>
6:30 pm	<i>Informal Meetings (As scheduled)</i>
Tuesday, December 13, 2011	
7:00 am – 5:30 pm	Registration Open <i>Hall E Entrance</i>
7:00 am – 8:00 am	<i>Informal Meetings (As scheduled)</i>
8:00 am – 9:30 am	Wake-Up Call <i>Hall E</i> Technical Demonstrations <i>(Coffee in Exhibit Hall)</i>
9:30 am – 11:00 am	Opening Plenary <i>La Nouvelle Orleans</i>
11:00 am – 12:15 pm	Boxed Lunch in Exhibit Hall <i>Hall E</i> Technical Demonstrations
12:15 pm – 1:45 pm	Concurrent Block 1
T01 A/D Room 353-354	Building Shell Envelope: Basic
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss the components of a blower door and how it works. • Explain how to conduct a basic blower door test and how to interpret the results. • Review minimum ventilation requirements and indoor air quality. • Introduce the relationship between thermal and air barriers of a home.
	Session Leader: Jon Muckey , U.S. Department of Energy, Washington, DC Presenters: Amanda Evans , Santa Fe Community College, Santa Fe, NM; Dan Hartman , INCAA, Indianapolis, IN

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T02 A/D Room 357	Energy Auditor's Toolbox: What's In It?
	During this session, presenters will: <ul style="list-style-type: none"> • Identify the basic tools needed to conduct a thorough and complete audit. • Share instruments, such as testing and measuring tools.
	Session Leader: James Cessna , CNJV, Golden, CO Presenters: Chris Baker , FSL, Phoenix, AZ; Chris Dunn and Paul LaGrange , LACAP, Baton Rouge, LA
T03 A/D Room 338-339	Infrared Camera Use: Seeing is Believing
	There are a lot of misconceptions about what infrared cameras are capable of. Learn what they really can do, and how to best use IR in your job. During this session, presenters will: <ul style="list-style-type: none"> • Provide an overview of infrared cameras. • Briefly discuss various resolution differences, features, and capabilities of the imagers. • Explore how IR can be used during the different stages of the Wx process (audit, crew, QC inspection, and state monitor).
	Session Leader: Matt Jones , Community Concepts, Inc., South Paris, ME Presenters: Tony Gill , SMS, Rockville, MD; Geoff Wilcox , Vermont Office of Economic Opportunity, Waterbury, VT
T04 BT Room 346-347	Building Envelope: Case Analysis
	During this session, presenters will: <ul style="list-style-type: none"> • Participate on an interactive panel sharing photos and examples of building envelopes. • Identify ways to shorten the learning curve by outlining a common house, common problems, and how to address them. • Discuss various types of housing stock.
	Session Leader: Mark Jackson , Community Housing Partners/NRCERT, Christiansburg, VA Presenters: Vic Aleshire and Andy Caldwell , Community Housing Partners/NRCERT, Christiansburg, VA
T05 BT Room 355	Building Science: Crew Based
	During this session, presenters will: <ul style="list-style-type: none"> • Present information on basic building science for crews. • Teach how to define the building envelope. • Explain why we air seal. • Explain house as a system.
	Session Leader: Jono Sher , U.S. Department of Energy, Golden, CO Presenters: Jeff Granger , Santa Fe Community College, Santa Fe, NM; Gerald Welshans , WTC Pennsylvania College of Technology, Williamsport, PA

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T06 FM Room 352	Procurement: Almost Everything There is to Know (Part 1 of 3)
	During this session, presenters will: <ul style="list-style-type: none"> • Share knowledge of 10 CFR 600 procurement regulations requirements. • Explain how to select the appropriate procurement method and identify the skills needed to develop a solicitation document. • Discuss allowable costs, vehicles and equipment, and inventory management. • Provide practical examples.
	Session Leader: Shawn Green , U.S. Department of Energy, Golden, CO Presenter: Susan White , ACKCO, Phoenix, AZ
T07 H/S Room 238-239	OSHA 101 - Impacts on Weatherization (<i>Repeats Wednesday</i>)
	During this session, presenters will: <ul style="list-style-type: none"> • Review OSHA requirements and how they apply to Weatherization field staff. • Provide an overview of the 10 and 30 hour Construction Safety card curriculum (required under WPN 11-6 for weatherization field staff). • Discuss OSHA requirements for WAP T&TA staff to become OSHA Authorized Construction Safety Outreach Instructors. • Conduct a Q&A session on OSHA regulations and requirements.
	Session Leader: Warren Cunningham , U.S. Department of Energy, Washington, DC Presenters: Ben Cichowski , Montana State University, Bozeman, MT; Matt Redmond , NYSWDA, Syracuse, NY
T08 H/S Room 255-257	WPN 11-6: Health and Safety Guidance
	During this session, presenters will: <ul style="list-style-type: none"> • Provide an in-depth review of health and safety guidance. • Clarify required, allowed, and disallowed measures. • Describe the various health and safety issues with their training and client education requirements. • Discuss health and safety costing and budgeting issues. • Outline materials available in the Health & Safety Curriculum. • Allow time for questions and answers.
	Session Leader: Bill Van der Meer , SMS, Rockville, MD Presenters: Erica Burrin and Ryan Middleton , U.S. Department of Energy, Washington, DC; Kelly Cutchin , SMS, Rockville, MD

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T09 L/P/F Room 252-254	Leveraging: Now More Than Ever
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide an overview of leveraging activities and options. • Define the rules associated with leveraging DOE dollars. • Describe the steps in making a plan for your leveraging initiatives. • Provide examples of successful Weatherization leveraged partnerships. • Offer tools, templates and a roadmap to materials and experts. • Engage the attendees in problem-solving dialogue.
	<p>Session Leader: Nathan Warren, Economic Opportunity Studies, Washington, DC Presenters: Lisa Kesecker, Energy Design & Services, Moorefield, WV; Meg Power, Economic Opportunity Studies, Washington, DC</p>
T10 MH Hall E	Mobile Homes: Overview
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain the basic construction of a mobile home. • Review the history of mobile home construction, including what has changed as code requirements have changed. • Talk about existing policies and theories. • Discuss similarities and differences between mobile homes constructed for southern climates versus northern climates and the implications of certain measures as a result. • Differentiate between mobile home design versus modular home design. • Remark on new HUD changes and how they impact Weatherization.
	<p>Session Leader: Paul Jiacolletti, U.S. Department of Energy, Golden, CO Presenters: Rob DeSoto, U.S. Department of Energy, Golden, CO; Steve Dillehay, COAD, Athens, OH; Dennis Lass, Minnesota Department of Commerce, St. Paul, MN</p>
T11 MF Room 356	Introduction to Multifamily: (Part 1 of 2)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide an overview of multifamily weatherization including working with other Federal agencies. • Touch on urban vs. rural multifamily and different types of multifamily properties. • Discuss approaches (one statewide agency vs. each agency does own work, etc). • Explore ideas for additional funding resources, including buying down measures.
	<p>Session Leader: Katherine Foote, U.S. Department of Energy, Golden, CO Presenters: David Hepinstall, Association for Energy Affordability, Bronx, NY; Brett Jackson, Virginia Department of Housing and Community Development, Richmond, VA; Pam Packer, Consultant, Denver, CO; Glen Salas, SMS, Rockville, MD</p>

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T12 P/M Room 343-345	WAP: Rules and Regulations (Part 1 of 2)
	During this session, presenters will: <ul style="list-style-type: none"> • Identify current rules and regulations applicable to the Weatherization Program. • Outline and explain recently issued Weatherization Program Notices (WPNs). • Discuss latest policy guidance on major Program areas. • Explore a number of topics, including Health & Safety, Contract Closeout, and Applications and Reporting.
	Session Leader: Christine Askew , U.S. Department of Energy, Washington, DC Presenters: Jean M. Diggs and Christine Platt Patrick , U.S. Department of Energy, Washington, DC; Carole Gates and Michael Peterson , U.S. Department of Energy, Golden, CO; Greg Reamy , GMR Energy Services, Washington, DC
T13 PI Room 244	Educating Partners: Crafting the Message for the Appropriate Audience (Repeat)
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss how to communicate with potential partners, such as: investors, utilities, training partners, landlords and community based organizations, Public Service Commissions and Public Utility Commissions. • Identify who we are and what we do.
	Session Leader: Cynthia Simonson , SMS, Rockville, MD Presenter: David Bradley , National Community Action Foundation, Washington, DC
T14 T Room 243	Training Tools: DOE Developments
	During this session, presenters will: <ul style="list-style-type: none"> • Provide an overview of the training resources DOE has developed for the network, such as the Weatherization Standardized Training Curricula and the National Weatherization Training Platform. • Discuss ways to enhance training with one or more of the resources available. • Explain the standard work specifications (SWS) for single-family, multifamily and mobile homes. • Discuss workforce guidelines for home energy upgrades for single family. • Discuss training center accreditation. • Provide an update on new and existing audit tools.
	Session Leader: Tawanna Holloway , U.S. Department of Energy, Washington, DC Presenters: Josh Olsen and Jennifer Somers , U.S. Department of Energy, Washington, DC
1:30 pm – 2:00 pm Refreshment Break	

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2:00 pm – 3:30 pm		Concurrent Block 2
T15 A/D Room 353-354	Building Shell Envelope: Advanced	
	During this session, presenters will: <ul style="list-style-type: none"> • Explain how to identify the thermal and pressure boundary to effectively air seal and insulate a home using a blower door. • Introduce the basics of zonal pressure diagnostics and interpreting results. • Emphasize the value of applying to zonal pressure diagnostics in the field. 	
	Session Leader: Karen Kitchens , U.S. Department of Energy, Golden, CO Presenters: Anthony Cox and Phil Hull , Community Housing Partners/NRCERT, Christiansburg, VA	
T16 A/D Room 357	Computerized Audit Tools: What's Out There?	
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss the options available for computerized energy audits; including commercial and State tools. • Identify key components of each audit to help determine which tool is best for your program. • Talk about the new Weatherization Assistant, currently under development. 	
	Session Leader: Dan Vida , D&R International, Ltd., Silver Spring, MD Presenters: Michael Gettings , Oak Ridge National Laboratory, Oak Ridge, TN; Bruce Hagen , North Dakota Department of Commerce, Bismarck, ND; Gerry Scheetz and Jenni Sullivan , Northrop Grumman, Helena, MT	
T17 A/D Room 338-339	Priority Lists: Develop, Maintain, and Update	
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss how to develop, maintain, and update a priority list. • Explain the requirements needed to submit a priority list for approval, as well as procedures to help with the process. • Identify tools available for developing priority lists, such as libraries, guidance, and more. 	
	Session Leader: Ken Feller , SMS, Rockville, MD Presenters: Glen Salas , SMS, Rockville, MD; Mark Ternes , Oak Ridge National Laboratory, Oak Ridge, TN	

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T18 BT Room 333-334	Equipment Maintenance: Impact on Efficiency
	<ul style="list-style-type: none"> • Discuss the importance of and how to maintain equipment, such as blower doors, insulation machines, power tools, trucks, generators, and trailers. • Demonstrate tool calibration. • Discuss required frequency of calibration and/or filter replacement for: manometers, gas leak detectors, combustion analyzers, etc.
	<p>Session Leader: Tawanna Holloway, U.S. Department of Energy, Washington, DC Presenters: Andy Caldwell and Caleb Simon, Community Housing Partners/NRCERT, Christiansburg, VA; Matt Killen, LACAP, Baton Rouge, LA; Bob Pfeiffer, WECC, Madison, WI</p>
T19 BT Room 346-347	Pressure Balancing
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain why and how to relieve pressures in individual rooms in a dwelling. • Demonstrate on a house of pressure what impacts pressure from one room to the next. • Discuss issues created by room to room pressure differences such as potential IAQ, Health and Safety issues (i.e. CO Poisoning), infiltration, exfiltration, moisture issues, etc.
	<p>Session Leader: Mark Jackson, Community Housing Partners/NRCERT, Christiansburg, VA Presenters: Chris Clay, Building Performance Center, Bellingham, WA; Brad Turner, Southface, Atlanta, GA</p>
T20 BT Room 355	Water Heating: The Nuts and Bolts of New Technologies
	<p>Recently several new efficient water heater technologies have hit the market. These water heaters include heat pump, condensing storage, condensing tankless and higher efficiency gas storage types. This session will discuss the advantages and disadvantages of each. Included will be an overview of what is required for installing each type.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide a basic understanding of water heating technologies and how they work. • Discuss the special considerations for each type of water heater. • Share insight in when and where to utilize these technologies.
	<p>Session Leader: Charlie Dobos, U.S. Department Energy, Golden, CO Presenter: Larry Weingarten, SBT Design Engineer, Monterey, CA</p>
T21 FM Room 352	Procurement: Almost Everything There is to Know (Part 2 of 3)
	<i>Continued from Part 1</i>
	<p>Session Leader: Shawn Green, U.S. Department of Energy, Golden, CO Presenter: Susan White, ACKCO, Phoenix, AZ</p>

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T22 H/S Room 255-257	Health & Safety Plans: Develop From Start to Finish
	During this session, presenters will: <ul style="list-style-type: none"> • Teach how to develop a comprehensive health and safety plan. • Share ideas and tips, including from Grantees who have written successful plans.
	Session Leader: Bob Scott , NASCSP, Washington, DC Presenters: John Cora , Kentucky Housing Corporation, Frankfort, KY; Scott Falvey , NH Office of Energy and Planning, Concord, NH; Ryan Middleton , U.S. Department of Energy, Washington, DC
T23 H/S Room 238-239	Lead Safe Weatherization and EPA's Lead Renovation, Repair, and Painting: How Are They Similar? How Are They Different? (Repeats Thursday)
	The U.S. Department of Energy's Lead Safe Weatherization (LSW) and the U.S. Environmental Protection Agency's Lead Renovation, Repair, and Paint REQUIRED for weatherization work practices. During this session, presenters will: <ul style="list-style-type: none"> • Conduct a basic refresher course on Lead Safe Weatherization practices. • Provide updated LSW training materials. • Provide details on how EPA and OSHA inspectors look at homes.
	Session Leader: Paul Jiacoletti , U.S. Department of Energy, Golden, CO Presenters: Rob DeSoto , U.S. Department of Energy, Golden, CO; Michael Vogel , Montana State University Extension Services, Bozeman, MT
T24 L/P/F Room 252-254	The Federal Level: Inter Agency Efforts and the Administration's Residential Recovery Through Retrofit Plan
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss inter agency efforts among DOE, HHS, EPA, HUD, and others and how they stimulate the greater market. • Speak about PowerSaver loans, Home Check, new audit tool, and home performance stickers. • Provide information on collaborations with Healthy Homes. • Describe market tools, who they are partnering with, and how States can get involved. • Explain job certifications.
	Presenters: Robert Adams , U.S. Department of Energy, Washington, DC; Bill Long , U.S. Environmental Protection Agency, Washington, DC; Dallas Tonsager , U.S. Department of Agriculture, Washington, DC; Wayne Waite , U.S. Department of Housing and Urban Development, Reno, NV

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T25 L/P/F Room 244	Understanding the Carbon Markets
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide an overview of carbon credits and renewable energy credits. • Share Maine's successful program and how it has partnered with Chevrolet in a verifiable carbon reduction program. • Discuss who's buying and who's selling.
	<p>Session Leader: Andy Stone, NYSWDA, Guilderland, NY Presenters: Jo-Ann Choate, Maine State Housing Authority, Augusta, ME; Joel Eisenberg, Oak Ridge National Laboratory, Oak Ridge, TN</p>
T26 MH Hall E	Diagnostics for Mobile Homes: Air Sealing and Ducts
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Identify techniques for air sealing, marriage joints, add-ons, and common penetration leakage areas. • Demonstrate pressure pan testing to identify where leaks are located and where duct disconnects exist. • Diagnose and balance excessive pressure differences between rooms as a function of an operating forced air system. • Explain the modification of cold air belly return systems. • Specify duct sealing methods and materials. • Review minimum ventilation requirements and options for supplemental ventilation.
	<p>Presenters: Rich Jones, INCAA, Indianapolis, IN; John Kane, Southface, Atlanta, GA</p>
T27 MF Room 356	Introduction to Multifamily: (Part 2 of 2)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss what is involved in training agencies. • Share how to conduct skills assessments. • Identify tool requirements.
	<p>Session Leader: Katherine Foote, U.S. Department of Energy, Golden, CO Presenters: David Hepinstall, Association for Energy Affordability, Bronx, NY; Brett Jackson, Virginia Department of Housing and Community Development, Richmond, VA; Pam Packer, Consultant, Denver, CO</p>

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T28 P/M Room 348-359	National Evaluation: Early Results (Part 1 of 2)
	During this session, presenters will: <ul style="list-style-type: none"> • Provide an update on the National Evaluation. • Review early results, including those of the Indoor Air Quality Study. • Define next steps and what to anticipate in the future.
	Session Leader: Gina Bell , New Mexico Mortgage Finance Authority, Albuquerque, NM Presenters: David Carroll , APPRISE, Princeton, NJ; Bruce Tonn , Oak Ridge National Laboratory, Oak Ridge, TN
T29 P/M Room 350-351	Quality Control: How to Manage Contractors
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss how to ensure production goals and program integrity are preserved. • Identify differences in cost controls relative to contractors. • Stress the importance of documentation and change orders. • Explore ways to negotiate call-backs and warranties. • Outline what a contract should include. • Discuss the process of negotiating wages upfront to ensure an appropriate SIR of measures. • Talk about the benefits of having a quality assurance local manager on staff. • Provide reasons for hiring a quality control contractor. • Discuss scheduling. • Discuss Davis Bacon oversight and payrolls.
	Session Leader: Lauren Hall , DOE/Weatherization – HQ, Washington, DC Presenters: Tom Brodbeck , Universal Energy, Boise, ID; Wade Gardner , Building Performance Center, Bellingham, WA
T30 P/M Room 343-345	WAP: Rules and Regulations (Part 2 of 2)
	<i>Continued from Part 1</i>
	Session Leader: Christine Askew , U.S. Department of Energy, Washington, DC Presenters: Erica Burrin , Jean M. Diggs , and Christine Platt Patrick , U.S. Department of Energy, Washington, DC; Carole Gates and Michael Peterson , U.S. Department of Energy, Golden, CO; Greg Reamy , GMR Energy Services, Washington, DC

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T31 T Room 243	Training Programs: Developing Programs to Meet Your Needs
	During this session, presenters will: <ul style="list-style-type: none"> • Participate in an open, panel discussion on developing training programs at the local level. • Give short presentations on how training and technical assistance (T&TA) funds are used for training. • Share examples of successful training programs, such as peer trainers in Maine. • Discuss how to assess training needs to develop training programs.
	Session Leader: Susan Gardner Zartman , SMS, Rockville, MD Presenters: Cody Christiansen and Christina Zamora , Community Action Partnership Association of Idaho, Boise, ID; Suzanne Harmelink , WECC, Madison, WI; Anna Sullivan , Association for Energy Affordability, Bronx, NY
T32 T Room 245	Training Tools: Resources to Deliver Training Needed Today
	During this session, presenters will: <ul style="list-style-type: none"> • Describe how a local agency can incorporate all or a part of the new training tools and resources into their training plan. • Explain implementation of the workforce guidelines. • Discuss distance learning, the national weatherization training platform, the Weatherization Standardized Training Curricula, and other tools.
	Session Leader: Bill Van der Meer , SMS, Rockville, MD Presenters: Kelly Cutchin , SMS, Rockville, MD; Josh Olsen , U.S. Department of Energy, Washington, DC; Adam Romano , Association for Energy Affordability, Bronx, NY
3:30 pm – 4:00 pm Refreshment Break	
4:00 pm – 5:30 pm Concurrent Block 3	
T33 A/D Room 338-339	Basic Auditing and Estimating: Getting Started
	During this session, presenters will: <ul style="list-style-type: none"> • Explain what diagnostic and health and safety tests must be conducted on every home to be weatherized. • Review data that must be collected for entering into the energy audit software, ordering adequate quantities of materials, and writing a comprehensive work order. • Describe the technical skills required to conduct a meaningful energy audit.
	Presenters: Rod Burk and Ken Robinette , South Central Community Action Partnership, Twin Falls, ID

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T34 A/D Room 357	Priority Lists: You Have One...Now What?
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain what the priority list means and how it is developed. • Discuss limitations of priority lists. • Provide insight on how to properly use a priority list. • Explore what types of units are approved with priority lists. • Identify scenarios for when an energy audit should be run instead of using a priority list. • Share knowledge of the best combination of priority list and audit usage to be effective. • Define how to document deviations from a priority list. • Discuss limiting incidental repairs.
	<p>Session Leaders: Floris Weston, U.S. Department of Energy, Washington, DC; Carole Gates, U.S. Department of Energy, Golden, CO Presenters: Dan Vida, D&R International, Ltd., Silver Spring, MD; Floris Weston, U.S. Department of Energy, Washington, DC</p>
T35 A/D Room 353-354	Understanding Zonal Pressure: Aligning the Thermal Boundary
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide the meaning of the zonal pressure and how it relates to the thermal boundary. • Teach how to identify the thermal boundary. • Discuss the importance for auditors to have a thorough understanding of how to use the blower door and a digital manometer to identify the thermal boundary and identify breaks in the thermal boundary. • Identify how to consistently achieve better results by identifying breaks and bypasses in the thermal boundary. • Discuss the crucial importance of aligning the thermal and pressure boundaries. • Identify tricks to quickly identify and locate hidden bypasses in a home using a blower door.
	<p>Session Leader: Matt Jones, Community Concepts, Inc., South Paris, ME Presenters: Anthony Cox and Phil Hull, Community Housing Partners/NRCERT, Christiansburg, VA</p>
T36 BT Room 355	1.5 Story Houses: How Do We Treat Them? (Repeats Wednesday)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss the differences between single-story, two-story, and one and a half-story homes. • Address slant/slope wall area and how to treat it. • Demonstrate how to insulate knee wall areas. • Talk about ventilation. • Identify ways to treat built-ins, storage areas, and access doors.
	<p>Session Leader: David Ollett, U.S. Department of Energy, Pittsburgh, PA Presenters: Adrian Scott, WECC, Madison, WI; Tom Vessella, Los Angeles Trade and Technical College, Los Angeles, CA</p>

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T37 BT Room 346-347	Blower Door Directed Air Sealing (<i>Repeats Thursday</i>)
	During this session, presenters will: <ul style="list-style-type: none"> • Explain the tools, techniques, and principals of blower door directed air sealing. • Discuss "why" we air seal and the short and long term benefits. • Identify how the crew uses a blower door to find leakage points. • Briefly discuss how this technique can be used to implement cost-effective air sealing guidelines.
	Session Leader: John Campbell , U.S. Department of Energy, Golden, CO Presenters: Steve Christensen , WARM Training Center at Focus: HOPE, Detroit, MI; Chris Clay , Building Performance Center, Bellingham, WA; Adrian Correa , Pulaski Technical College, North Little Rock, AR
T38 BT Room 333-334	Truck Rigging: Best Of
	During this session, presenters will: <ul style="list-style-type: none"> • Share costs, designs and organization plans of efficient work trucks and training trailers. • Discuss how state-of-the-art power systems in work trucks alleviate downtime and increase productivity. • Provide ideas to outfit training trailers to maximize training opportunities. • Explain how proper set-up includes a warehouse on wheels and how it is maintained. • Share the advantages of mobile training trailers for training centers and WAP agencies.
	Presenters: Chris Dunn and Matt Killen , LACAP, Baton Rouge, LA; Keith Knight , NorthWest Arkansas Community College, Bentonville, AR
T39 FM Room 352	Procurement: Almost Everything There is to Know (Part 3 of 3)
	<i>Continued from Part 2</i>
	Session Leader: Shawn Green , U.S. Department of Energy, Golden, CO Presenter: Susan White , ACKCO, Phoenix, AZ

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T40 H/S Room 238-239	Asbestos: Policies and Procedures (<i>Repeats Thursday</i>)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss new changes in DOE policy that now allows some minor mitigation of asbestos. • Teach safe practices for siding removal, including a short demonstration. • Explore how to recognize vermiculite through pictures and faux asbestos. • Discuss vermiculite testing. • Teach heating pipe insulation removal. • Define what you can do to address potential hazards when you suspect there is asbestos-containing vermiculite and what measures you can still do. • Identify when to defer.
	<p>Session Leader: Tawanna Holloway, U.S. Department of Energy, Washington, DC Presenters: Ryan Middleton, U.S. Department of Energy, Washington, DC; Stephen Smith, City of Baton Rouge, Baton Rouge, LA</p>
T41 H/S Room 255-257	Healthy Homes Electronic Assessment Tool
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Teach about the tool designed by ORNL in collaboration with HUD & DOE. • Discuss uses for the tool. • Review outcomes from conducting an assessment. • Identify corrective measures.
	<p>Session Leader: Carrie Smith, FSL Home Improvements, Phoenix, AZ Presenters: Gina Accawi and Mini Malhotra, Oak Ridge National Laboratory, Oak Ridge, TN</p>
T42 L/P/F Room 252-254	Going Green: Green Building Directions
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Inspire participants with affordable design strategies of Making It Right NOLA as they rebuild post-Katrina neighborhoods. • Share what it takes for conventional builders to adapt to green building techniques and requirements. • Discuss how builders in NOLA are working with the visionary designs. • Tell how affordable new construction and retrofits in your own area might be influenced. • Explain how one forward-leaning Weatherization and housing organization has been putting green building practices into its housing and WAP projects. • Identify sources of the training, funding and technical resources a transformation might require.
	<p>Session Leader: Nathan Warren, Economic Opportunity Studies, Washington, DC Presenters: Craig Turner, Make It Right NOLA, New Orleans LA; Thomas Stauffacher, St. Johns Partnership, St. Augustine, FL</p>

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T43 MH Hall E	Diagnostics for Mobile Homes: Heating, Venting, and Air Conditioning (HVAC)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Identify the different types of HVAC used in mobile homes • Discuss proper sizing and venting of the system. • Explain the importance of and determine if the heating system is positioned on the appropriate base. • Provide an overview of ideal duct sizing and layout guidelines, and point out potential problem areas. • Demonstrate various tests, including: steady state efficiency testing, temperature rise, carbon monoxide, fuel leaks, and cracked heat exchanger. • Discuss how to install and tune condensing furnaces.
	<p>Presenters: Adam Harris, NYSWDA, Syracuse, NY; Wade Thompson, Intermountain Weatherization Training Center, Salt Lake City, UT</p>
T44 MF Room 335-336	Getting Started: Multifamily Building Identification
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss how to identify subsidized and non-subsidized properties for weatherization, including working with HUD & USDA lists. • Discuss various agency requirements; where they overlap, where they diverge (i.e. income guidelines, hazard treatments, etc.) • Discuss how to determine eligibility without lists. • Outline the initial application process. • Describe appropriate situations to use a priority list, evaluation, energy audit, or engineering analysis. • Review steps involved in a building walk-through. • Touch on dealing with Historic Preservation issues. • Identify how to evaluate the Scope of Work. • Explain the DOE approval process.
	<p>Session Leader: Fred Stratton, Economic Opportunity Studies, Washington, DC Presenters: Jon Bluey, Community Housing Partners/NRCERT, Christiansburg, VA; Wayne Waite, U.S. Department of Housing and Urban Development, Reno, NV</p>
T45 MF Room 356	Multifamily: Where Are We Now?
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Talk about "hot" topics and frequently asked questions.
	<p>Session Leader: Don Hynek, State of Wisconsin – Division of Energy Services, Madison, WI Presenters: Robert Adams, U.S. Department of Energy, Washington, DC; Greg Reamy, GMR Energy Services, Washington, DC; Glen Salas, SMS, Rockville, MD</p>

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T46 P/M Room 343-345	DOE Inspector General's Office and Government Accountability Office: Results of Recent Monitoring and Inspection (<i>Repeat</i>)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain how the Department of Energy's Office of Inspector General (OIG) is responsible for preventing and detecting fraud, waste and abuse in DOE programs and operations. • Explain how the U.S. Government Accountability Office (GAO) supports Congress in meeting its constitutional responsibilities and helps improve the performance and accountability of the federal government for the benefit of the American people. • Discuss audits, inspections and criminal investigations recently conducted in the Weatherization Assistance Program. • Discuss the DOE OIG's legal authority and mandatory contractor requirements. • Discuss various fraud schemes and identify their violations of federal and state laws. • Identify various fraud indicators of potential fraud, waste, and abuse. • Provide contact information in order to report fraud, waste, and abuse related to DOE programs, and operations.
	<p>Session Leader: Lauren Hall, U.S. Department of Energy, Washington, DC Presenters: Presenters: Chris Kenefick, Randall Kizer, and Jack Rouch, U.S. DOE Inspector General's Office, Golden, CO</p>
T47 P/M Room 350-351	Federal Monitoring: Status Report
	<p>To help insure that WAP funds are spent in accordance with guidelines and regulations, DOE oversight and monitoring has been an even greater focus since the onset of the Recovery Act.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide an update of monitoring issues. • Discuss findings from IG/GAO reports. • Review DOE monitoring. • Share an overview of the newly developed DOE monitoring instrument and the process and implementation of the quality assurance (QA) visits to inspect Recovery Act jobs.
	<p>Session Leader: Katherine Foote, U.S. Department of Energy, Golden, CO Presenters: Erica Burrin, U.S. Department of Energy, Washington, DC; Rob DeSoto and Carl Saueressig, U.S. Department of Energy, Golden, CO</p>
T48 P/M Room 348-349	National Evaluation: Early Results (Part 2 of 2)
	<i>Continued from Part 1</i>
	<p>Session Leader: Gina Bell, New Mexico Mortgage Finance Authority, Albuquerque, NM Presenters: David Carroll, APPRISE, Princeton, NJ; Bruce Tonn, Oak Ridge National Laboratory, Oak Ridge, TN</p>

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Wednesday, December 14, 2011	
7:00 am – 4:30 pm	Registration Open <i>Hall E Entrance</i>
7:00 am – 8:15 am	Networking Breakfast <i>Hall E</i>
8:30 am – 9:30 am	Plenary Address <i>La Nouvelle Orleans</i>
9:30 am – 10:00 am	Refreshment Break
10:00 am – 11:30 am	Concurrent Block 4
W01 A/D Room 346-347	Advanced Diagnostics: Duct Leakage Testing
	During this session, presenters will: <ul style="list-style-type: none"> • Teach duct leakage testing by demonstrating pressure pan testing, duct blaster testing, Delta Q testing, and flow testing. • Interpret the results and discuss common misinterpretations. • Identify when each test is suitable.
	Session Leader: Jon Muckey , U.S. Department of Energy, Washington, DC Presenters: Marquam George , Central Council Tlingit and Haida Indian Tribes of Alaska, Juneau, AK; Adam Harris , NYSWDA, Syracuse, NY; Michael Stahl , The Workplace, Inc., Bridgeport, CT
W02 A/D Room 338-339	Basic Auditing and Estimating: Demonstration and Data Collection
	During this session, presenters will: <ul style="list-style-type: none"> • Demonstrate diagnostics and health and safety tests. • Enter data into the energy audit software to determine adequate quantities of materials to order and to write a comprehensive work order.
	Session Leader: Nathan Warren , Economic Opportunity Studies, Washington, DC Presenters: Rod Burk , South Central Community Action Partnership, Twin Falls, ID; Bill Eckman , Santa Fe Community College, Santa Fe, NM; Paul LaGrange , LACAP, Baton Rouge, LA

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W03 A/D Room 348-349	Building Codes: How Codes Can Impact Weatherization Work
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Identify the limits and requirements in addressing code issues. • Review various common codes, such as clearance from combustibles, that are likely to be the same across the country. • Provide examples of how to deal with common situations. • Discuss what to do when State code requires more work than what DOE funding allows for. • Discuss what to do when codes conflict with best practices.
	<p>Session Leader: David Fuller, Massachusetts Department of Housing and Community Development, Boston, MA</p> <p>Presenters: Tom Brodbeck, Universal Energy, Boise, ID; Bill Robinson, LACAP, Baton Rouge, LA</p>
W04 BT Room 357	1.5 Story Houses: How Do We Treat Them? (Repeat)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss the differences between single-story, two-story, and one and a half-story homes. • Address slant/slope wall area and how to treat it. • Demonstrate how to insulate knee wall areas. • Talk about ventilation. • Identify ways to treat built-ins, storage areas, and access doors.
	<p>Session Leader: Justin Brower, NYSWDA, Syracuse, NY</p> <p>Presenters: Adrian Scott, WECC, Madison, WI; Tom Vessella, Los Angeles Trade and Technical College, Los Angeles, CA</p>
W05 BT Room 355	Attics: Air Sealing Bypasses
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain why air sealing attics is critical to energy performance and long-term building integrity. • Discuss how to get into spaces and air seal bypasses. • Conduct demonstrations of different techniques for air sealing bypasses. • Discuss theory of air sealing whole-house chases in the basement, attic, or at both locations.
	<p>Presenters: Dan Hartman, INCAA, Indianapolis, IN; Jason Taylor, SMOC, Framingham, MA</p>

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W06 BT Room 350-351	Crawl Spaces and Basements: Defining the Building Envelope
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss everything under the floor. • Explain the basics of defining the pressure and thermal envelope to determine if the basement/crawl space is in or out the building envelope. • Identify the correct materials to be used when air sealing and insulating sub-spaces.
	<p>Presenters: Rich Jones, INCAA, Indianapolis, IN; Al McMahon, NYSWDA, Syracuse, NY; Charlie Smith, Kentucky Housing Corporation, Frankfort, KY</p>
W07 FM Room 352	Financial Tools for the Program Manager: Why Job Costing is Important to You <i>(Repeats in Block 6)</i>
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Share tools that will assist Program Managers with accountability. • Talk about best practices and simple tools to track job costs so that you, as a manager, can manage limited resources effectively, efficiently, and prudently. • Discuss how to compare jobs and costs to determine where adjustments or changes need to be made. • Explain why Program Managers should be knowledgeable of OMB circulars and DOE 10 CFR 600. • Discuss the concept and value of job costing to a Program Manager. • Share job costing templates and examples that track project costs. • Discuss how managers use the information to guide adjustments and decisions for maximum efficiency.
	<p>Session Leader: Susan White, ACKCO, Phoenix, AZ</p> <p>Presenters: Kia Beasley, LACAP, Baton Rouge, LA; Harold Davis, NC Weatherization Assistance Program, Raleigh, NC; Tony Link, Wisconsin Division of Energy Services, New Auburn, WI</p>

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W08 FM Room 353-354	For Profit Weatherization: Fee for Service and Creating an LLC with the Non-Profit (Part 1 of 3)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Expose attendees to possibilities and pros and cons of having an energy services weatherization arm of a non-profit. • Share basic "how to's" for establishing and running a fee for service arm. • Provide an overview of steps to take. • Explain steps to setting up a business plan. • Explore examples of running an independent business with proceeds going back to non-profit. • Discuss how to document and report program income. • Share stories of how different agencies established successful energy services weatherization arms.
	<p>Presenters: Bill Beachy, Community Housing Partners/Energy Services, Christiansburg, VA; John Davies, Building Performance Center, Bellingham, WA; Ken Robinette, South Central Community Action Partnership, Twin Falls, ID; Carrie Smith, FSL, Phoenix, AZ</p>
W09 H/S Room 255-257	Combustion Safety: Dangers and Testing
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Introduce the potential dangers of combustion appliances. • Identify how weatherization activities can cause carbon monoxide problems or make them worse. • Demonstrate how to conduct a combustion safety test.
	<p>Presenters: Chris Clay, Building Performance Center, Bellingham, WA; Wade Thompson, Intermountain Weatherization Training Center, Salt Lake City, UT</p>
W10 H/S Room 238-239	Mold & Moisture: Including Indoor Air Quality
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Identify what to look for during a home audit. • Discuss remediation options. • Define when to defer. • Discuss sources that cause moisture and mold problems and identify remedies. • Describe methods to prevent additional growth.
	<p>Presenters: Jeff Gordon, University of Illinois, Champaign, IL; Bill Van der Meer, SMS, Rockville, MD</p>

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W11 H/S Room 252-254	Ventilation 62.2: Implementing the New Standard (Part 1 of 2) <i>(Repeats Thursday)</i>
	<p>Weatherization Program Notice 11-6 requires the new ASHRAE 62.2-2010 ventilation standard be implemented in PY 2012. Find out what this will mean for your program and gain knowledge and experience applying this important new standard to typical situations.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide an understanding of the basic components of ASHRAE 62.2-2010, including local ventilation and whole-building ventilation. • Discuss the effect this new standard will have on the use of the Building Tightness Limit (BTL). • Demonstrate how to apply the Alternative Compliance Supplement and Infiltration Credit for existing dwellings. • Overview the types of whole-building ventilation for compliance and learn which is best for your climate. • Describe the typical design and work-flow strategy for implementing the standard on a typical job.
	<p>Session Leader: David Ruhl, Change Inc., Weirton, WV Presenters: Paul Francisco, University of Illinois, Champaign, IL; Rick Karg, Energy Information Management, Bethel, ME; Robert Parkhurst, WECC, Madison, WI</p>
W12 L/P/F Room 243	Healthy Homes and Weatherization: Getting Started (Part 1 of 2)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss the DOE Weatherization Plus Health initiative being implemented by NASCSP. • Describe how healthy homes principles relate to WAP and how they can be integrated into your services as a comprehensive Weatherization Plus Health project. • Describe potential referrals and partnerships to provide needed health and safety services beyond what is allowable with DOE WAP funds, reducing WAP deferrals and providing more comprehensive services. • Hear how a local Weatherization agency has implemented Weatherization Plus Health.
	<p>Session Leader: Rebecca Stewart, NASCSP, Washington, DC Presenters: Jenae Bjelland and Bob Scott, NASCSP, Washington, DC; Wade Gardner, Opportunity Council, Bellingham, WA</p>

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W13 L/P/F Room 245	SERC: Renewables and Other Widgets to Deliver
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss various SERC grants awarded by DOE. • Explain what renewable measures are being installed (or could be). • Share projects updates with client behavior modification tools, including one-on-one Energy Efficiency Coaches.
	<p>Session Leader: Erica Burrin, U.S. Department of Energy, Washington, DC Presenters: Lee Dillon and Stacey Murphy, Tompkins Community Action, Ithaca, NY; Chad Urie, South Central Community Action Partnership, Twin Falls, ID; Paul Zabriskie, EnergySmart of Vermont, Barre, VT</p>
W14 MH Room Hall E	Insulation for Mobile Homes: Roofs
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss and demonstrate various techniques for insulating roofs of mobile homes. • Talk about the pros and cons of rolling back the roof versus cutting holes and patching it. • Identify materials and tools used to insulate mobile home roofs, such as fiberglass. • Present newer technologies being used to insulate mobile home roofs, including ethylene propylene diene terpolymer rubber roofing, also known as EPDM cool roofs.
	<p>Session Leader: Rob DeSoto, U.S. Department of Energy, Golden, CO Presenters: Bill Beverley and Les Lester, Community Housing Partners/NRCERT, Christiansburg, VA</p>
W15 MF Room 335-336	Multifamily Auditing and Engineering Services: Finding Qualified Firms
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Review in detail the assessment process. • Discuss how to qualify engineers and architects for multifamily projects. • Share sample RFQs and RFPs. • Identify what type of firm to look for depending on type of building. • Explain the importance of knowing audit software the firms are trained to use. • List the outcomes should you receive. • Communicate the value of incorporating a green building assessment into the project. • Define requirements set forth by DOE for approval to move forward with multifamily projects.
	<p>Session Leader: Glen Salas, SMS, Rockville, MD Presenters: Nathan Aronson, Richard Heath & Associates, Chico, CA; Pam Packer, Consultant, Denver, CO; John Yi, CEDA, Chicago, IL</p>

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W16 P/M Room 333-334	Grantee Plans: Nuts and Bolts
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss how to write Grantee plans, including master files and annual plans. • Explain how they should be submitted. • Identify who reviews the plan. • Review best practices and examples from various states.
	Session Leader: Lauren Hall , DOE/Weatherization – HQ, Washington, DC Presenters: Katherine Foote and Michael Peterson , U.S. Department of Energy, Golden, CO; Floris Weston , U.S. Department of Energy, Washington, DC
W17 P/M Room 356	Quality Assurance: State and Local Level Monitoring
	During this session, presenters will: <ul style="list-style-type: none"> • Review types of monitoring, including desk monitoring and field monitoring. • Explain why both types of monitoring are important. • Discuss effective assessment tools used to monitor subgrantees. • Share best practices.
	Session Leader: David Ollett , U.S. Department of Energy, Pittsburgh, PA Presenters: Brad Carpenter , State of Utah, Salt Lake City, UT; Michael Furze , New Mexico Mortgage Finance Authority, Albuquerque, NM; Hoyt O’Brien , Wisconsin Division of Energy Services, New Auburn, WI
W18 P/M Room 343-345	The Recovery Act: Dealing with Closeout (Part 1 of 3)
	During this session, presenters will: <ul style="list-style-type: none"> • Provide a Federal overview of rules and regulations governing closeout. • Discuss reporting requirements. • Explain how Grantees have dealt with temporary subgrantees. • Discuss ways to redistribute duties within the organization. • Share how strong State/Local partnerships aid in closeout. • Talk about how local agencies plan for balances at the end of the grant to spend out Recovery Act Funds without combining with other DOE funds by using funds other than DOE. • Speak to the disposition of equipment, if necessary, or utilization of it. • Communicate ways to lay off employees and handle unemployment benefits. • Provide ample time for questions and answers.
	Session Leader: Paul Jiacoletti , U.S. Department of Energy, Golden, CO Presenters: Kary Burin , Community Action Partnership Association of Idaho, Boise, ID; Jean Diggs , U.S. Department of Energy, Washington, DC; Ray Jarr , NETL, Morgantown, WV; Kavita Vaidyanathan , U.S. DOE Office of General Counsel, Washington, DC; Angela Young , U.S. Department of Energy-NETL, Pittsburgh, PA

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W19 PI Room 244	Messaging: Communicating Your Message Through Various Tools (<i>Repeat</i>)
	<p>The challenge to the WAP network to tell their story is more important than ever. The Recovery Act has precipitated more press and publicity, much of it negative, than the Program has ever experienced. The WAP network needs to have strategies to educate reporters, policymakers, stakeholders, and interested parties. For instance, Weatherization Day is a great way to showcase your program through a site demonstration.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Look at strategies and resources for crafting a positive message about the WAP, including site demonstrations, a tool that has proven effective for showing the state-of-the-art technology employed by WAP. • Provide an overview of how to integrate new media and social networking tools into your program to take proactive control over making sure your message is heard. • Discuss how to involve partners in Public Advisory Councils (PAC).
	<p>Session Leader: Susan Gardner Zartman, SMS, Rockville, MD Presenters: Nick Broussard and Jono Sher, U.S. Department of Energy, Golden, CO; Jo-Ann Choate, Maine State Housing Authority, Augusta, ME; Alice Gaston, NASCSP, Washington, DC</p>
W20 T Room 235-236	Training Tools: Low Cost Props
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Outline minimum props needed to effectively train on a shoestring budget. • Describe how low cost props can be used in conjunction with field training, at the site, when the training home doesn't provide access to all building details or appliances desired for a given training (e.g. having extra dense pack props set up on the lawn if there isn't much wall area to work with, or attic/spray foam props to get practice if the attic is small and will only allow 2-3 people with hands-on practice). • Demonstrate and encourage hands-on session activities; including, constructing small props and learning how props can be used to easily train the workforce.
	<p>Presenters: Sean Bleything, Vermont Economic Investment Corporation, Burlington, VT; Chris Dunn and Matt Killen, LACAP, Baton Rouge, LA</p>
W21 T Room 240-241	Training Tools: Workforce Guidelines
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide an overview. • Share ways in which people are using workforce guidelines.
	<p>Session Leader: Gina Bell, New Mexico Mortgage Finance Authority, Albuquerque, NM Presenters: David Hepinstall, Association for Energy Affordability, Bronx, NY; Jennifer Somers, U.S. Department of Energy, Washington, DC; Cal Steiner, North Dakota Department of Commerce, Bismarck, ND</p>
11:30 am – 1:00 pm Awards Luncheon Hall D	

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1:00 pm – 2:30 pm		Concurrent Block 5
W22 A/D Room 338-339	Diagnostics for Single Family Units: Heating, Venting, and Air Conditioning (HVAC) (Part 1 of 2)	
	During this session, presenters will: <ul style="list-style-type: none"> • Identify how to improve the performance and efficiency of existing central air conditioners, window units and heat pumps. • Discuss the energy-saving potential of these measures. • Explain when these measures are cost effective and when they are not. • Teach how to test combustion efficiency. • Define when to repair a furnace. • Identify when to upgrade a furnace if the unit is operating safely. • Describe the Manual J method to estimate design heating and cooling loads. • Speak about the pros and cons of using energy audit software tools to estimate design heating and cooling loads instead of the Manual J method. • Review the factors besides design load that impact equipment selection. 	
	Session Leader: Jon Muckey , U.S. Department of Energy, Washington, DC Presenters: Steve Dillehay , COAD, Athens, OH; Vinnie Pacheco , OECA, Salem, OR; Vincent Pedalino , FSL, Phoenix, AZ	
W23 A/D Room 346-347	Testing: Combustion, Efficiency, and Carbon Monoxide	
	During this session, presenters will: <ul style="list-style-type: none"> • Explain the basics of combustion testing. • Review testing standards, how to test, and when to test. • Discuss the basic combustion process and explore whether it is art or science. • Present the components of furnaces, boilers, and water heaters. • Identify how these devices work and what weatherization providers need to know about them. 	
	Session Leader: Ken Feller , SMS, Rockville, MD Presenters: Kevin McCoy , COAD, Athens, OH; John (Jack) Wilson , WTC Pennsylvania College of Technology, Williamsport, PA	

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W24 A/D Room 348-349	Weatherization Assistant: Setting Up Libraries
	<p>Before using the Weatherization Assistant (NEAT and MHEA), users must update the fuel costs and costs associated with the installation of each weatherization measure to reflect the actual utility costs in their area and the actual weatherization costs incurred by agencies. Although simple in concept, updating the costs in the Setup Library can be difficult and confusing.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Address how often these costs should be updated. • Discuss how to handle multiple utility companies. • Identify where to obtain basic cost information. • Teach how to calculate the costs that must be entered into the Setup Library once basic cost information is obtained. • Answer questions raised by the attendees.
	<p>Session Leader: Dan Vida, D&R International, Ltd., Silver Spring, MD Presenters: Michael Gettings and Mark Ternes, Oak Ridge National Laboratory, Oak Ridge, TN</p>
W25 BT Room 355	Attics: Treating Knee Walls and Hatches
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss how to properly treat attic hatches, install proper vents, address dams, and apply sufficient insulation. • Identify different types of materials that can be used, such as EPS foam, 1-part foam, and 2-part foam based on the situation. • Demonstrate how to gain access to knee wall attics, weatherstrip, and bat knee walls with different types of wall materials. • Teach participants how to treat attic hatches. • Apply insulation to mock up walls, and demonstrate how to remove insulation.
	<p>Session Leader: Tawanna Holloway, U.S. Department of Energy, Washington, DC Presenters: Nathan Byrnes, University of Massachusetts-Dartmouth, North Dartmouth, MA; Adrian Scott, WECC, Madison, WI</p>
W26 BT Room 356	Crawl Spaces and Basements: Techniques for Insulating
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss different techniques for insulating crawl spaces and basements. • Teach participants about sealing penetrations. • Identify which techniques will work best in which conditions. • Discuss the pros and cons of insulating the floor versus the foundation wall. • Share best techniques to duct wrap a duct.
	<p>Session Leader: Dennis Lass, Minnesota DOC Division of Energy Resources, St. Paul, MN Presenters: Rich Jones, INCAA, Indianapolis, IN; Charlie Smith, Kentucky Housing Corporation, Frankfort, KY</p>

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W27 BT Room 335-336	Sidewall Insulation: From Start to Finish (<i>Repeats Thursday</i>)
	During this session, presenters will: <ul style="list-style-type: none"> • Demonstrate how to remove and replace various types of siding. • Show proper dense packing techniques, including how to blow from the inside. • Discuss how to select and install materials. • Identify needed equipment, including recommended maintenance schedules. • Address lead safe implications. • Show how to test for proper density of blown insulation.
	Presenters: Joe Ilacqua and Chris Peters , NYSWDA, Syracuse, NY
W29 FM Room 353-354	For Profit Weatherization: Fee for Service and Creating an LLC with the Non-Profit (Part 2 of 3)
	<i>Continued from Part 1</i>
	Presenters: Bill Beachy , Community Housing Partners/Energy Services, Christiansburg, VA; John Davies , Building Performance Center, Bellingham, WA; Ken Robinette , South Central Community Action Partnership, Twin Falls, ID; Carrie Smith , FSL, Phoenix, AZ
W30 H/S Room 255-257	Electrical Hazards: Wiring (Part 1 of 2)
	During this session, presenters will: <ul style="list-style-type: none"> • Describe signs of unsafe wiring. • Outline indicators of live wiring. • Recognize knob & tube wiring hazards. • Share experiences on what some WAP agencies are doing to address problem wiring issues. • Discuss wiring and testing alternatives to replacement.
	Session Leader: David Ollett , U.S. Department of Energy, Pittsburgh, PA Presenters: Charles Fritsch and Adam Romano , Association for Energy Affordability, Bronx, NY
W31 H/S Room 238-239	Radon: Impact and Implications for Weatherization
	During this session, presenters will: <ul style="list-style-type: none"> • Identify what radon it is, how it occurs, and what factors make radon worse. • Discuss WAP measures that may be helpful. • Explore vapor barrier and other mitigation measure installations. • Present early results from the National Evaluation.
	Session Leader: Lauren Hall , DOE/Weatherization – HQ, Washington, DC Presenters: Bill Long , U.S. Environmental Protection Agency, Washington, DC; Ryan Middleton , U.S. Department of Energy, Washington, DC; Scott Pigg , Energy Center of Wisconsin, Madison, WI; Michael Vogel , Montana State University, Extension Services, Bozeman, MT

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W32 H/S Room 252-254	Ventilation 62.2: Implementing the New Standard (Part 2 of 2) <i>(Repeats Thursday)</i>
	<i>Continued from Part 1</i>
	Session Leader: David Ruhl , Change Inc., Weirton, WV Presenters: Paul Francisco , University of Illinois, Champaign, IL; Rick Karg , Energy Information Management, Bethel, ME; Robert Parkhurst , WECC, Madison, WI
W33 L/P/F Room 243	Healthy Homes and Weatherization: Getting Started (Part 2 of 2)
	<i>Continued from Part 1</i>
	Session Leader: Rebecca Stewart , NASCSP, Washington, DC Presenters: Jenae Bjelland and Bob Scott , NASCSP, Washington, DC; Wade Gardner , Opportunity Council, Bellingham, WA
W34 L/P/F Room 245	Innovative Grants: What's Happening?
	During this session, presenters will: <ul style="list-style-type: none"> • Outline grants awarded by DOE. • Discuss lessons learned. • Explain what they have done and what they want to do. • Share examples, such as feedback devices. • Discuss alternative delivery systems and alternative money. • Explore innovative financing options for weatherization partnerships.
	Session Leader: Erica Burrin , U.S. Department of Energy, Washington, DC Presenters: Sean Bleything , VEIC, Burlington, VT; Rob Bowers , Community Action Program Belknap-Merrimack Counties, Inc., Concord, NH; Julia Hatton , The United Illuminating Company, New Haven, CT; Matt Turner , State of Utah-DHCD, Salt Lake City, UT
W35 MH Hall E	Insulation for Mobile Homes: Bellies
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss and demonstrate various techniques for insulating bellies in mobile homes. • Identify how procedures vary for single-wide versus double-wide mobile homes. • Emphasize the importance of patching bellies. • Discuss the effects of compressing fiberglass and the impact on R-value. • Share ideas on the most effective tools, materials, and techniques. • Discuss the energy-saving potential of this common measure.
	Session Leader: Tony Gill , SMS, Rockville, MD Presenters: Steve Getz , Northwest Colorado Council of Governments, Silverthorne, CO; Bob Pfeiffer , WECC, Madison, WI

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W36 MF Room 357	Multifamily: Applicability of Blower Door Testing
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss whole building blower door testing. • Discuss usefulness of blower door testing in individual units. • Discuss blower door "leap-frogging" in garden apartments and row houses. • Review building identification concepts.
	Session Leader: Mark Jackson , Community Housing Partners/NRCERT, Christiansburg, VA Presenters: Jon Bluey , Community Housing Partners/NRCERT, Christiansburg, VA; Don Hynek , Wisconsin Division of Energy Services, New Auburn, WI
W37 MF Room 333-334	Working with Property Owners: Contributions and Agreements
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss policies, procedures, and guidelines for determining required or voluntary contributions. • Describe how to structure agreements for freezing rents (different agreements for subsidized vs. non-subsidized properties, what length of time - one vs. two years; etc.). • Identify ways to expand funds to weatherize additional units. • Share examples of how non-energy benefits to units can be applied to units.
	Session Leader: Katherine Foote , U.S. Department of Energy, Golden, CO Presenters: Randy Bennett , Illinois Department of Commerce and Economic Opportunity, Springfield, IL; Pam Packer , Consultant, Denver, CO; Dan Rieber , Northern Manhattan Improvement Corporation, New York, NY
W38 P/M Room 350-351	Federal Partnerships: Inter-Agency Efforts
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss how to work together effectively, build relationships, stretch federal dollars for better services, and find partnership opportunities for more comprehensive programs. • Share examples of collaborative efforts related to health and safety, multifamily, and more. • Describe collaborative efforts among federal programs: Cooperative Extension Service (USDA), Rural Development, and LiHEAP.
	Session Leader: Joel Eisenberg , ORNL, Oakridge, TN Presenters: Robert Adams , U.S. Department of Energy, Washington, DC; Gerard Moore , U.S. Department of Agriculture, Washington, DC; Wayne Waite , U.S. Department of Housing and Urban Development, Reno, NV

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W39 P/M Room 343-345	The Recovery Act: Dealing with Closeout (Part 2 of 3)
	<i>Continued from Part 1</i>
	Session Leader: Paul Jiacoletti , U.S. Department of Energy, Golden, CO Presenters: Kary Burin , Community Action Partnership Association of Idaho, Boise, ID; Jean Diggs , U.S. Department of Energy, Washington, DC; Ray Jarr , NETL, Morgantown, WV; Kavita Vaidyanathan , U.S. DOE Office of General Counsel, Washington, DC; Angela Young , U.S. Department of Energy-NETL, Pittsburgh, PA
W40 PI Room 244	Organizing a Weatherization Event: A to Z
	During this session, presenters will: <ul style="list-style-type: none"> • Identify different types of events, such as Weatherization Day, Training Centers Showcase, Field Demonstrations, Etc. • Discuss scheduling and how to be successful. • Provide insight on securing elected officials and others - and having a back-up strategy when things don't work out. • Explore ideas for an event toolkit - Giveaways, banners, etc. • Share stories from the field and how they were dealt with.
	Session Leader: Susan Gardner Zartman , SMS, Rockville, MD Presenters: Lisa Kesecker , Energy Design & Services, Moorefield, WV; Joan Leshley , Oakland Livingston Human Service Agency, Pontiac, MI
	Training Tools: National Weatherization Training Platform
W41 T Room 240-241	During this session, presenters will: <ul style="list-style-type: none"> • Provide an overview and snapshot of the National Weatherization Training Platform. • Discuss the program capabilities and benefits to users. • Show examples of 3D interactive curriculum already available on the site. • Explore how to use the platform to track students. • Demonstrate how to upload your own materials and start using the platform.
	Session Leader: Nick Broussard , U.S. Department of Energy, Golden, CO Presenters: Kelly Cutchin , SMS, Rockville, MD; Josh Olsen , U.S. Department of Energy, Washington, DC

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W42 T Room 235-236	Taking Training to a Higher Level: Steps to Accreditation (Part 1 of 2)
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss the Institute for Sustainable Power Quality (ISPQ) process for training program accreditation provided through the Interstate Renewable Energy Council (IREC). • Discuss how to access technical assistance. • Identify how to obtain certification for trainers. • Share case studies from agencies engaged in the process.
	Session Leader: Christine Askew , U.S. Department of Energy, Washington, DC Presenters: Laure-Jeanne Davignon , IREC, Latham, NY; Jane Weissman , IREC, Boston, MA
2:30 pm – 3:00 pm Refreshment Break	
3:00 pm – 4:30 pm Concurrent Block 6	
W43 A/D Room 348-349	Electric Baseload Measures: Opportunities and Challenges
	During this session, presenters will: <ul style="list-style-type: none"> • Explain how electric baseload compares to other measures. • Talk about why it makes sense to conduct an assessment. • Explore early results of the National Evaluation. • Share examples of successful agencies leveraging with utility companies.
	Session Leader: Matt Jones , Community Concepts, Inc., South Paris, ME Presenters: David Carroll , APPRISE, Princeton, NJ; G.H. Runevitch , COAD, Athens, OH
W44 A/D Room 338-339	Diagnostics for Single Family Units: Heating, Venting, and Air Conditioning (HVAC) (Part 2 of 2)
	<i>Continued from Part 1</i>
	Session Leader: Jon Muckey , U.S. Department of Energy, Washington, DC Presenters: Steve Dillehay , COAD, Athens, OH; Vinnie Pacheco , OECA, Salem, OR; Vincent Pedalino , FSL, Phoenix, AZ

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W45 A/D Room 346-347	Weatherization: Generating Work Orders and Scope of Work
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Talk about what is measured and how that translates into a work order (assuming SIRs have been established and priority list exists). • Review a work order generated by an audit. • Discuss work orders being generated for a subcontractor. • Identify details needed to generate a work order that effectively specifies the work to be done. • Look at sample work orders from different agencies.
	<p>Session Leader: Jono Sher, U.S. Department of Energy, Golden, CO Presenters: Cassandra Fricke and J West, CEDA, Chicago, IL; Andy Stone, NYSWDA Syracuse, NY</p>
W46 BT Room 355	Attention Crews: What Your Boss Expects From You
	<p>Every employee knows to show up on time and not sleep during the day, but there's more to getting ahead than that. This session will deal with what it takes to move to the front of the line when employers are looking for a few good employees to stay with the program. It will be tailored to weatherization workers and will be a humorous but serious look at what bosses look at when it is time to give raises, promotions or lay off personnel "gulp". We will also discuss how being a well tuned employee will make work more enjoyable for yourself and those you work with.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss how to become a better employee. • Share tips to become a better co-worker. • Discuss how to be a person that others like to be around. • Reveal the do's and don'ts that matter to bosses. • Identify how to move up the career ladder.
	<p>Session Leader: Mark Jackson, Community Housing Partners/NRCERT, Christiansburg, VA Presenter: Cal Steiner, North Dakota Department of Commerce, Bismarck, ND</p>
W47 BT Room 356	Attics: Ventilation
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Teach participants to add roof vents and proper baffling related to soffit ventilation. • Identify the proper techniques for different types of vents. • Discuss appropriate vent selection.
	<p>Session Leader: Dan Vida, D&R International, Ltd., Silver Spring, MD Presenters: Tony Gill, SMS, Rockville, MD; Jack Martin, Bucks County Community College, Newtown, PA</p>

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W49 FM Room 352	Financial Tools for the Program Manager: Why Job Costing is Important to You <i>(Repeat)</i>
	During this session, presenters will: <ul style="list-style-type: none"> • Share tools that will assist Program Managers with accountability. • Talk about best practices and simple tools to track job costs so that you, as a manager, can manage limited resources effectively, efficiently, and prudently. • Discuss how to compare jobs and costs to determine where adjustments or changes need to be made. • Explain why Program Managers should be knowledgeable of OMB circulars and DOE10 CFR 600. • Discuss the concept and value of job costing to a Program Manager. • Share job costing templates and examples that track project costs. • Discuss how managers use the information to guide adjustments and decisions for maximum efficiency.
	Session Leader: Susan White , ACKCO, Phoenix, AZ Presenters: Kia Beasley , LACAP, Baton Rouge, LA; Harold Davis , NC Weatherization Assistance Program, Raleigh, NC; Tony Link , Wisconsin Division of Energy Services, New Auburn, WI
W50 FM Room 353-354	For Profit Weatherization: Fee for Service and Creating an LLC with the Non-Profit (Part 3 of 3)
	<i>Continued from Part 2</i>
	Presenters: Bill Beachy , Community Housing Partners/Energy Services, Christiansburg, VA; John Davies , Building Performance Center, Bellingham, WA; Ken Robinette , South Central Community Action Partnership, Twin Falls, ID; Carrie Smith , FSL, Phoenix, AZ
W51 H/S Room 255-257	Electrical Hazards: Wiring (Part 2 of 2)
	<i>Continued from Part 1</i>
	Session Leader: David Ollett , U.S. Department of Energy, Pittsburgh, PA Presenters: Charles Fritsch and Adam Romano , Association for Energy Affordability, Bronx, NY

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W52 H/S Room 252-254	Ethics in Weatherization: What to Ask and What Not to Ask
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Define ethical and unethical issues for field staff. • Provide tools for making ethical decisions. • Share scenarios and discover potential conflicts of interest. • Hone in on ethics decision making skills.
	<p>Session Leader: Bob Scott, NASCSP, Washington, DC Presenter: Rick Karg, Energy Information Management, Bethel, ME</p>
W53 H/S Room 238-239	OSHA 101 - Impacts on Weatherization (<i>Repeat</i>)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Review OSHA requirements and how they apply to Weatherization field staff. • Provide an overview of the 10 and 30 hour Construction Safety card curriculum (required under WPN 11-6 for weatherization field staff). • Discuss OSHA requirements for WAP T&TA staff to become OSHA Authorized Construction Safety Outreach Instructors. • Conduct a Q&A session on OSHA regulations and requirements.
	<p>Session Leader: Carl Saueressig, U.S. Department of Energy, Golden, CO Presenters: Ben Cichowski, Montana State University, Bozeman, MT Matt Redmond, NYSWDA, Syracuse, NY</p>
W54 L/P/F Room 243	Economic Development Partnerships
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss how community organizations can multiply their impact with economic development initiatives. • Lay out the experience of Local Initiatives Support Corp. (LISC) over years of funding community development. • Discuss how major national funders invest in environmentally sustainable projects and in local capacity development. • Tell the story of the tools one CAA used to become the engine of economic development for many rural communities in its state. • Point participants to the resources that support expanded economic development initiatives.
	<p>Session Leader: Nathan Warren, Economic Opportunity Studies, Washington, DC Presenters: Sandy Leiseth NESDCAP/NESDEC, Sisseton, SD; George Miles, LISC, Greenville, SC</p>

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W55 L/P/F Room 245	Ratepayer Funded Efficiency: How to Win Resources
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain how utility low-income efficiency programs are established and implemented. • Describe the mechanics of participating in utility regulators' decisions. • Share how Weatherization agencies have successfully engaged in the essential advocacy activities. • Identify what it takes to succeed as measured in terms of personnel, expertise and resources. • Discuss how to get started early in 2012.
	<p>Session Leader: Lisa Kesecker, Energy Design & Services, Moorefield, WV Presenters: Chuck Eberdt, Opportunity Council, Bellingham, WA; Joseph Vullo, Burke Vullo Reilly Roberts, Forty Fort, PA</p>
W56 MH Room Hall E	Mobile Homes: Windows, Doors, and More
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss why repairing and replacing windows and doors is more cost effective in mobile homes than single family homes. • Identify how to obtain a greater savings to investment ratio with a low cost window, which results in more benefits and is inexpensive to install. • Identify when to consider replacements, when to repair, proper sizing and installation.
	<p>Session Leader: Charlie Dobos, U.S. Department of Energy, Golden, CO Presenters: Andy Cordova, Colorado Governor's Energy Office, Denver, CO; Rob DeSoto, U.S. Department of Energy, Washington, DC; Steve Getz, Northwest Colorado Council of Governments, Silverthorne, CO</p>
W57 MF Room 333-334	Communication: Property Owners, Facility Managers, Maintenance Staff, and Tenants
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss the importance of communication when working with Property Owners, Facility Managers, Maintenance Staff, and Tenants. • Identify needs of Facility Managers to operate and maintain systems after weatherization is complete. • Share examples of how to educate residents on ways to maximize energy savings and reduce utility bills. • Discuss challenges and solutions to a transient population, tenants that do not pay utility bills or bills are included in rent, etc. • Describe successes achieved in active senior properties. • Speak to benefits of energy bill analysis.
	<p>Session Leader: Steve Bruno, U.S. Department of Energy, Washington, DC Presenters: Rusty Collins, Colorado State University Extension, Denver, CO; Jeff Laino, Association for Energy Affordability, Bronx, NY</p>

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W58 MF Room 357	Multifamily: Typical Measures
	During this session, presenters will: <ul style="list-style-type: none"> • Identify and discuss measures typically installed in multifamily buildings: lighting, insulation, HVAC, bath exhaust fans, fresh air system/return, AC filters, refrigerators, water heaters, control sensors, thermostats, windows and doors, low flow shower, aerators, roof coating, air sealing, and duct sealing.
	Session Leader: Don Hynek , State of Wisconsin – Division of Energy Services, Madison, WI Presenters: Chase Counts , Community Housing Partners/NRCERT, Christiansburg, VA; Nick Dirr , Association for Energy Affordability, Bronx, NY; John Yi , CEDA, Chicago, IL
W60 P/M Room 343-345	The Recovery Act: Dealing with Closeout (Part 3 of 3)
	<i>Continued from Part 2</i>
	Session Leader: Paul Jiacoletti , U.S. Department of Energy, Golden, CO Presenters: Kary Burin , Community Action Partnership Association of Idaho, Boise, ID; Jean Diggs , U.S. Department of Energy, Washington, DC; Ray Jarr , NETL, Morgantown, WV; Kavita Vaidyanathan , U.S. DOE Office of General Counsel, Washington, DC; Angela Young , U.S. Department of Energy-NETL, Pittsburgh, PA
W61 P/M Room 351	Weatherization Assistant: What's New?
	During this session, presenters will: <ul style="list-style-type: none"> • Provide an introduction to the most widely used computerized audit. • Discuss how it functions and information needed to use it. • Review features of a forth-coming Web-based application.
	Session Leader: Gina Bell , New Mexico Mortgage Finance Authority, Albuquerque, NM Presenters: Gina Accawi and Michael Gettings , Oak Ridge National Laboratory, Oak Ridge, TN
W62 PI Room 244	Developing the Sound Byte: Communication Preparedness
	During this session, presenters will: <ul style="list-style-type: none"> • Share resources available to the Weatherization network that can assist with communication preparedness. • Discuss how to prepare a list of appropriate referrals for non-allowable weatherization situations. • Hear examples of how agencies are prepared to handle and have responded to the public, clients, elected officials, and the media when things don't turn out as planned!
	Session Leader: Susan Gardner Zartman , SMS, Rockville, MD Presenters: Karen Moe , Minnesota Community Action Partnership, St. Paul, MN; Christine Platt Patrick , U.S. Department of Energy, Washington, DC; Anna Sullivan , Association for Energy Affordability, Bronx, NY

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W63 T Room 235-236	Taking Training to a Higher Level: Steps to Accreditation (Part 2 of 2)
	<i>Continued from Part 1</i>
	Session Leader: Christine Askew , U.S. Department of Energy, Washington, DC Presenters: Jennifer Somers , U.S. Department of Energy, Washington, DC; Jane Weissman , IREC, Boston, MA
W64 T Room 240-241	Training: Evaluating Effectiveness and Impact on Work Quality
	During this session, presenters will: <ul style="list-style-type: none"> • Share tools and processes to assist in the evaluation of training programs. • Share experience from agencies that have already implemented evaluation processes. • Describe data collected through the National Evaluation process. • Link training to quality of work by the organization. • Discuss measurements of training impact. • Talk about crew training...or lack thereof, and it's impact on performance and quality of work. • Discuss how to track quality assurance of jobs in a database and identify training needs based on the information.
	Session Leader: Lauren Hall , DOE/Weatherization – HQ, Washington, DC Presenters: Martha Benewicz , Wisconsin Division of Energy Services, New Auburn, WI; Jackie Berger , APPRISE, Princeton, NJ; Suzanne Harmelink , WECC, Madison, WI
4:30 pm <i>Informal Meetings (As scheduled)</i>	
Thursday, December 15, 2011	
7:00 am – 12:30 pm Registration Open <i>Hall E Entrance</i>	
7:00 am – 8:15 am <i>Networking Breakfast Hall D</i>	
8:30 am – 9:45 am Concurrent Block 7	
Th01 A/D Room 338-339	Client Education: Part of the System
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss the importance of client education in the overall success of the project. • Explain how to talk to clients and ask appropriate questions. • Share early results of the National Evaluation, including the difference between what clients think happen in their home and what auditors think happens in the home.
	Presenters: Ken Centner , OECA, Salem, OR; Lisa Fischer , WECC, Madison, WI; Erin Rose , Oak Ridge National Laboratory, Oak Ridge, TN

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Th02 A/D Room 353-354	Combustion Appliance Zone (CAZ): Safety Testing (Part 1 of 2)
	<p>Weatherization typically air seals the house, which can impact the operation of combustion appliances such as furnaces, boilers, and water heaters. Weatherization providers must test combustion appliances before and after weatherization, and at the end of each work day, to ensure that the house is left in a safe condition.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Describe the basic safety and operational tests that weatherization providers conduct on furnaces, boilers and water heaters; with an emphasis on testing procedures for CAZ pressure measurements. • Show participants how to interpret the results of CAZ measurements. • Alert audience of appliance safety test readings that indicate corrective action needs to be taken.
	<p>Session Leader: David Fuller, Massachusetts Department of Housing and Community Development, Boston, MA</p> <p>Presenters: Tom Andrews, INCAA, Indianapolis, IN; Kevin McCoy, COAD, Athens, OH; Ken Pancost, FSL, Phoenix, AZ</p>
Th03 A/D Room 352	Quality Control: Inspecting Projects
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss where to look and what to look at during inspections, including floors, attics, wall insulation, etc. • Identify the importance of in-progress inspections and what to look for during in-progress inspections. • Demonstrate proper test-out techniques and the importance of testing out. • Discuss the value of knowing the specifications in order to successfully inspect. • Share examples of problems found in the field through pictures to engage the class and tell us what the problem is and where it is in the specifications. • Review how to deal with contractors, including using penalties such as call back charges to encourage doing it right the first time.
	<p>Session Leader: Ken Feller, SMS, Rockville, MD</p> <p>Presenters: Alfredo Mycue, Texas Department of Housing and Community Affairs, Austin, TX; Steve Nall, INCAA, Indianapolis, IN</p>

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Th04 BT Room 355	Blower Door Directed Air Sealing (<i>Repeat</i>)
	During this session, presenters will: <ul style="list-style-type: none"> • Explain the tools, techniques, and principals of blower door directed air sealing. • Discuss "why" we air seal and the short and long term benefits. • Identify how the crew uses a blower door to find leakage points. • Briefly discuss how this technique can be used to implement cost-effective air sealing guidelines.
	Session Leader: Jono Sher , U.S. Department of Energy, Golden, CO Presenters: Steve Christensen , WARM Training Center at Focus: HOPE, Detroit, MI; Chris Clay , Building Performance Center, Bellingham, WA; Adrian Correa , Pulaski Technical College, North Little Rock, AR
Th05 BT Room 356	Ducts: How the System Works
	During this session, presenters will: <ul style="list-style-type: none"> • Identify materials, design, sizing, repair vs. replacement, mastic, and code implications. • Discuss how the system works. • Demonstrate use of duct blaster. • Touch on pressure pan testing. • Discuss the subtraction method for determining leakage.
	Session Leader: Tony Gill , SMS, Rockville, MD Presenters: Tom Brodbeck , Universal Energy, Boise, ID; Jack Martin , Bucks County Community College, Newtown, PA
Th06 BT Room 335-336	Sidewall Insulation: From Start to Finish (<i>Repeat</i>)
	During this session, presenters will: <ul style="list-style-type: none"> • Demonstrate how to remove and replace various types of siding. • Show proper dense packing techniques, including how to blow from the inside. • Discuss how to select and install materials. • Identify needed equipment, including recommended maintenance schedules. • Address lead safe implications. • Show how to test for proper density of blown insulation.
	Session Leader: Dan Vida , D&R International, Ltd., Silver Spring, MD Presenters: Nathan Byrnes , University of Massachusetts-Dartmouth, North Dartmouth, MA; Dan Hartman , INCAA, Indianapolis, IN

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Th07 FM Room 343-345	The Recovery Act: How to Retire Grants (Part 1 of 2)
	During this session, presenters will: <ul style="list-style-type: none"> • Address vehicles, equipment, and inventory purchased with Recovery Act funds. • Discuss deobligating and moving money. • Provide insight to other aspects of grant close-out.
	Session Leader: Carrie Smith , FSL Home Improvements, Phoenix, AZ Presenters: Carole Gates , U.S. Department of Energy, Golden, CO; Ray Jarr , NETL, Morgantown, WV; Angela Young , U.S. Department of Energy-NETL, Pittsburgh, PA
Th08 H/S Room 238-239	Asbestos: Policies and Procedures (Repeat)
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss new changes in DOE policy that now allows some minor mitigation of asbestos. • Teach safe practices for siding removal, including a short demonstration. • Explore how to recognize vermiculite through pictures and faux asbestos. • Discuss vermiculite testing. • Teach heating pipe insulation removal. • Define what you can do to address potential hazards when you suspect there is asbestos-containing vermiculite and what measures you can still do. • Identify when to defer.
	Session Leader: Marilou Cheple , Minnesota DOC Division of Energy Resources, St. Paul, MN Presenters: Ryan Middleton , U.S. Department of Energy, Washington, DC; Stephen Smith , City of Baton Rouge, Baton Rouge, LA
Th09 H/S Room 255-257	Unvented Space Heaters: How to Treat
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss reasons space heaters should be removed from homes. • Identify when space heaters should/can be used as a secondary heating source.
	Presenters: Chris Dunn , LACAP, Baton Rouge, LA; John Manz , WTC Pennsylvania College of Technology, Williamsport, PA

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Th10 H/S Room 252-254	Ventilation 62.2: Implementing the New Standard (Part 1 of 2) (Repeat)
	<p>Weatherization Program Notice 11-6 requires the new ASHRAE 62.2-2010 ventilation standard be implemented in PY 2012. Find out what this will mean for your program and gain knowledge and experience applying this important new standard to typical situations.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide an understanding of the basic components of ASHRAE 62.2-2010, including local ventilation and whole-building ventilation. • Discuss the effect this new standard will have on the use of the Building Tightness Limit (BTL). • Demonstrate how to apply the Alternative Compliance Supplement and Infiltration Credit for existing dwellings. • Overview the types of whole-building ventilation for compliance and learn which is best for your climate. • Describe the typical design and work-flow strategy for implementing the standard on a typical job.
	<p>Session Leader: Karen Kitchens, U.S. Department of Energy, Golden, CO Presenters: Martha Benewicz, Wisconsin Division of Energy Services, New Auburn, WI; Rick Karg, Energy Information Management, Bethel, ME; Robert Parkhurst, WECC, Madison, WI</p>
Th11 L/P/F Room 245	Leveraging Resources: Home Rehab Projects
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss leveraging for home rehab measures not allowed by DOE dollars, such as for roofs, septic systems, wheelchair ramps, electrical issues, structural issues, and code issues.
	<p>Session Leader: David Ollett, U.S. Department of Energy, Pittsburgh, PA Presenters: Michael Johnson, State of Utah, Salt Lake City, UT; Thomas Stauffacher, St. Johns Partnership, St. Augustine, FL</p>
Th12 L/P/F Room 240-241	Recovery Through Retrofit Tools: Your Future
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss the audit that goes with the Home Energy Scoring Tool. • Explain next steps for certification and accreditation. • Explore financing for the Federal Housing Administration's <i>PowerSavers</i> pilot program.
	<p>Presenters: Glenn Dickey, SRA International, Washington, DC; Jennifer Somers, U.S. Department of Energy, Washington, DC; Wayne Waite, U.S. Department of Housing and Urban Development, Reno, NV</p>

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Th13 L/P/F Room 243	Small Business Entrepreneurial Development (Part 1 of 2)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss how to approach creating a small business. • Explain key elements of a business plan and the decision points. • Show how to develop a marketing strategy and a plan. • Give pointers about finding financing. • Provide a sample business plan, and sources of additional support and guidance.
	<p>Session Leader: Fred Stratton, Economic Opportunity Studies, Washington, DC Presenter: Trev Hall, U.S. Department of Energy, Morgantown, WV</p>
Th14 MH Hall E	Insulation for Mobile Homes: Sidewalls
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss and demonstrate various techniques for insulating sidewalls in mobile homes. • Identify how procedures vary for single-wide versus double-wide mobile homes. • Discuss the effects of compressing fiberglass and the impact on R-value.
	<p>Session Leader: Randi Smith, New York State Weatherization Directors Association, Guilderland, NY Presenter: Cal Steiner, North Dakota Department of Commerce, Bismarck, ND</p>
Th15 MF Room 333-334	Blending Financing: Green Building and Rehab Efforts
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Identify how agencies have approached multifamily weatherization and have leveraged green retrofits and other rehab efforts, such as water conservation and lead based paint remediation. • Discuss ways to entice banks and others to finance multifamily rehab. • Hear examples of weatherization providers that have success stories to share. • Explain possible regulatory changes that would enable WAP funds to serve as loans.
	<p>Session Leader: Nathan Warren, Economic Opportunity Studies, Washington, DC Presenters: Andrew Padian, The Community Preservation Corporation, New York, New York; Matt Pesce, Facility Strategies Group, LLC, Fort Mill, SC</p>

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Th16 MF Room 357	Multifamily: Health & Safety Concerns
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss ventilation and indoor air quality. • Differentiate between ASHRAE 62.1 and 62.2 for multifamily buildings. • Explore greater health and safety issues. • Discuss a proactive approach to what to look for and/or expect.
	Session Leader: Pam Packer , Pam Packer Consulting, Denver, CO Presenters: Andy Brooks , Association for Energy Affordability, Emeryville, CA; Paul Francisco , University of Illinois, Champaign, IL
Th17 P/M Room 348-349	Building Effective Partnerships with American Indian Tribes - Working in Indian Country (Part 1 of 2)
	During this session, presenters will: <ul style="list-style-type: none"> • Describe some history and how it affects relationship building today. • Help participants understand how “business as usual” does not work in Indian Country. • Discuss the importance of Sovereignty, Respect, Trust, and Relationships.
	Session Leader: Jon Muckey , U.S. Department of Energy, Washington, DC Presenter: Larry Keown , LDK Associates, LLC, Sheridan, WY
Th18 P/M Room 350-351	Subgrantees: Consolidation and Turnover
	During this session, presenters will: <ul style="list-style-type: none"> • Teach the correct way to address terminating or replacing existing subgrantees. • Discuss the regulatory requirements, as well as the latest DOE guidance document. • Share real-life examples of Grantees that have recently addressed this process.
	Session Leader: Tawanna Holloway , U.S. Department of Energy, Washington, DC Presenters: Jean Diggs and Christine Platt Patrick , U.S. Department of Energy, Washington, DC; Kavita Vaidyanathan , U.S. DOE Office of General Counsel, Washington, DC
Th19 P/M Room 346-347	Weatherization Reporting: PAGE
	During this session, presenters will: <ul style="list-style-type: none"> • Provide an overview of the Performance and Accountability for Grants in Energy (PAGE) site. • Discuss application submissions. • Identify how to create and submit applications and revised plans. • Provide an overview of reporting. • Discuss creating and submitting reports (Quarterly, Semi-Annual, Annual). • Review additional functionality which Grantees will find helpful.
	Session Leader: Elnora Long , U.S. Department of Energy, Washington, DC Presenters: Katherine Foote , U.S. Department of Energy, Golden, CO; Sam Slough , DataTree, Inc., Gaithersburg, MD

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Th20 PI Room 244	Spreading the Word: Delivering Effective Information (<i>Repeat</i>)
	Informing the public about what we do seems easy, right? Having the “information tools” in your toolbox can be incredibly valuable. During this session, presenters will: <ul style="list-style-type: none"> • Describe existing client education materials. • Share how agencies have launched information campaigns and the tools and information they used. • Discuss various delivery and outreach mechanisms. • Suggest cost effective approaches to getting the information out.
	Session Leader: Kim Hunt , NRCERT, Christiansburg, VA Presenters: Tom Calhoun , COAD, Athens, OH; Suzanne Harmelink , WECC, Madison, WI; Rebecca Stewart , NASCSP, Washington, DC
Th21 T Room 235-236	Taking Training to a Higher Level: Certifications and Degree Programs
	During this session, presenters will: <ul style="list-style-type: none"> • Discuss certification of the four identified classifications under the workforce guidelines for home energy upgrades: Energy Auditor, Installer, Crew Leader, and Quality Control Inspector. • Talk about new Associates Degree programs.
	Session Leader: Bob Scott , NASCSP, Washington, DC Presenters: Richard Knaub , National Renewable Energy Laboratory, Golden, CO; Lesa Pribyl , Montana State University Extension Services, Bozeman, MT; Josh Olsen , U.S. Department of Energy, Washington, DC
9:45 am – 10:00 am Refreshment Break	
10:00 am – 11:15 am Concurrent Block 8	
Th22 A/D Room 353-354	Combustion Appliance Zone (CAZ): Safety Testing (Part 2 of 2)
	<i>Continued from Part 1</i>
	Session Leader: David Fuller , Massachusetts Department of Housing and Community Development, Boston, MA Presenters: Tom Andrews , INCAA, Indianapolis, IN; Kevin McCoy , COAD, Athens, OH; Ken Pancost , FSL, Phoenix, AZ

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Th23 A/D Room 352	Hot Climate: Procedures and Practices
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss diagnostics and measures appropriate for hot climates. • Discuss how to improve the performance and efficiency of existing central air conditioners and window units. • Communicate the energy-saving potential of these measures. • Differentiate when these measures are cost effective and when they are not. • Explore options, such as solar screens and window films, and identify when they are cost effective measures. • Review which windows should receive measures.
	<p>Session Leader: Ken Feller, SMS, Rockville, MD Presenters: Paul LaGrange, LACAP, Baton Rouge, LA; Craig Miller, Florida Weatherization Training Center, Gainesville, FL; Vincent Pedalino, FSL, Phoenix, AZ</p>
Th24 BT Room 355	Applications for the Ductless Mini-Split
	<p>Ductless mini-splits are a common cooling and heating technology in Europe, while having only a small percentage of the American market. This technology has seen advances to enhance its efficiency, as compared to central systems. This session will define what ductless mini-splits are and how they achieve their high efficiencies. What advantages they present for both heating and cooling compared to conventional air conditioning and central heating technologies, such as furnaces, air conditioners, electric resistance heat and heat pumps.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain what mini-splits are and why they are so efficient. • Discuss opportunities and measured performance for North American housing, what the barriers are, and how these might be overcome. • Identify how this technology can be utilized cost effectively in the low income programs. • Explore through-the-wall heat pumps.
	<p>Session Leader: Tawanna Holloway, U.S. Department of Energy, Washington, DC Presenter: Gary Nordeen, Washington State University Energy Program, Olympia, WA</p>
Th25 BT Room 350-351	Heating Systems: Steam and Hydronic
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Define the basics of steam and water systems. • Identify common repairs and when to replace. • Discuss systems for single and multifamily units. • State when these systems make sense and how to install Thermostatic Radiator Valves (TRV).
	<p>Session Leader: Mark Jackson, Community Housing Partners/NRCERT, Christiansburg, VA Presenters: Vic Aleshire and RW Davis, Community Housing Partners/NRCERT, Christiansburg, VA</p>

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Th26 BT Room 356	Low-E Storm Windows for Weatherization
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Introduce low-e storm windows and panels as a new technology to cost effectively address windows in weatherization programs. • Describe previous testing and case studies at Lawrence Berkeley National Lab and in Chicago. • Provide latest results for an ongoing case study in Atlanta. • Discuss experiences with low-e storm windows on Pennsylvania’s weatherization measure priority list.
	<p>Session Leader: Marc LaFrance, U.S. Department of Energy, Washington, DC Presenters: Thomas Culp, Birch Point Consulting LLC, La Crosse, WI; Craig Drumheller, National Association of Home Builders, Washington, DC</p>
Th28 FM Room 343-345	The Recovery Act: How to Retire Grants (Part 2 of 2)
	<i>Continued from Part 1</i>
	<p>Session Leader: Carrie Smith, FSL Home Improvements, Phoenix, AZ Presenters: Carole Gates, U.S. Department of Energy, Golden, CO Ray Jarr, NETL, Morgantown, WV; Angela Young, U.S. Department of Energy-NETL, Pittsburgh, PA</p>
Th29 H/S Room 255-257	Deferral Standards: Walk Away Slowly or Run as Fast as You Can
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Explain why homes should be deferred for WAP. • Identify unsafe work conditions for crews. • Describe the client's responsibility in providing a safe environment for crews. • Identify how to safely meet client needs. • Explain how to look for the signs of Meth Labs, criminal activity, etc. • Discuss programmatic strategies to reduce the amount of deferred jobs, (e.g. strong referral network, pre-screening homes on client application). • Discuss the importance of tracking deferrals and share some procedures from Grantees and subgrantees who do.
	<p>Presenter: Ken Robinette, South Central Community Action Partnership, Twin Falls, ID</p>

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Th30 H/S Room 238-239	Lead Safe Weatherization and EPA's Lead Renovation, Repair, and Painting: How Are They Similar? How Are They Different? (Repeat)
	The U.S. Department of Energy's Lead Safe Weatherization (LSW) and the U.S. Environmental Protection Agency's Lead Renovation, Repair, and Paint REQUIRED for weatherization work practices. During this session, presenters will: <ul style="list-style-type: none"> • Conduct a basic refresher course on Lead Safe Weatherization practices. • Provide updated LSW training materials. • Provide details on how EPA and OSHA inspectors look at homes.
	Session Leader: Warren Cunningham , U.S. Department of Energy, Washington, DC Presenters: Rob DeSoto , U.S. Department of Energy, Golden, CO; Michael Vogel , Montana State University Extension Services, Bozeman, MT
Th31 H/S Room 252-253	Ventilation 62.2: Implementing the New Standard (Part 2 of 2) (Repeat)
	<i>Continued from Part 1</i>
	Session Leader: Karen Kitchens , U.S. Department of Energy, Golden, CO Presenters: Martha Benewicz , Wisconsin Division of Energy Services, New Auburn, WI; Rick Karg , Energy Information Management, Bethel, ME; Robert Parkhurst , WECC, Madison, WI
Th32 L/P/F Room 245	Post Weatherization: Staying Involved Once the Work is Complete
	During this session, presenters will: <ul style="list-style-type: none"> • Explore the needs of clients post-weatherization and how weatherization agencies can continue to meet those needs once the unit is complete. • Discuss feedback devices and client education. • Identify ways to keep things running and to use readouts post multifamily work, as well as ways to provide energy efficiency education to new tenants. • Provide ideas for how to pay for this after you've reported and closed out the job.
	Session Leader: Rebecca Stewart , NASCSP, Washington, DC Presenters: Keith Pitts , COAD, Athens, OH; Floris Weston , U.S. Department of Energy, Washington, DC
Th33 L/P/F Room 243	Small Business Entrepreneurial Development (Part 2 of 2)
	<i>Continued from Part 1</i>
	Session Leader: Fred Stratton , Economic Opportunity Studies, Washington, DC Presenter: Trev Hall , U.S. Department of Energy, Morgantown, WV

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Th34 MH Hall E	Mobile Homes: Ventilation Options
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss minimum ventilation requirement (MVR) for mobile homes. • Review American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE) Standards. • Measure the flow rate of exhaust fans to determine if the exhaust fans have adequate airflow. • Discuss when ventilation should be installed.
	<p>Session Leader: Katherine Foote, U.S. Department of Energy, Golden, CO Presenters: Paul Francisco, University of Illinois, Champaign, IL; John Langford, Community Housing Partners/NRCERT, Christiansburg, VA</p>
Th35 MF Room 357	Multifamily Audit Tool
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Provide an overview of a new Multifamily Audit Tool under development at ORNL. • Discuss features for small multifamily and large multifamily buildings. • Review the two-step development planned with extensive front load of software development to implement initial version. • Identify benefits to energy auditors when using a multifamily audit tool to select measures. • Provide a demonstration of the audit tool and timing for pilots and roll-out.
	<p>Session Leader: Jennifer Somers, U.S. Department of Energy, Washington, DC Presenters: Gina Accawi, Mini Malhotra and Michael MacDonald, Oak Ridge National Laboratory, Oak Ridge, TN; Norman Bourassa and Evan Mills, Lawrence Berkeley National Laboratory, Berkeley, CA</p>
Th36 MF Room 333-334	New Technology for Multifamily
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss which technologies are DOE approved and which are not, including technologies on Appendix A that multifamily projects should consider. • Identify ways to use leveraged money. • Share examples of successful use of sensor controls, blower door technology, cogeneration, heat recovery ventilation, and masonry wall insulation.
	<p>Session Leader: Glen Salas, SMS, Rockville, MD Presenters: Andrew Padian, The Community Preservation Corporation, New York, New York; Matt Pesce, Facility Strategies Group, LLC, Fort Mill, SC</p>

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Th37 P/M Room 346-347	Looking to the Future: Appendix A and System for Identifying and Reviewing Technologies and Techniques (SIRTT)
	<p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss the regulatory requirements pertaining to Appendix A. • Review the recent project history of updating Appendix A. • Share materials being considered for Appendix A. • Talk about the System for Identifying and Reviewing Technologies and Techniques (SIRTT) in the Weatherization Program. • Define the process and procedure (SIRTT) for requesting materials for inclusion in Appendix A.
	<p>Session Leader: David Ruhl, Change Inc., Weirton, WV Presenters: Ryan Middleton and Christine Platt Patrick, U.S. Department of Energy, Washington, DC; Greg Reamy, GMR Energy Services, Washington, DC; Bob Scott, NASCSP, Washington, DC</p>
Th38 P/M Room 348-349	Building Effective Partnerships with American Indian Tribes - Working in Indian Country (Part 2 of 2)
	<i>Continued from Part 1</i>
	<p>Session Leader: Jon Muckey, U.S. Department of Energy, Washington, DC Presenter: Larry Keown, LDK Associates, LLC, Sheridan, WY</p>
Th39 P/M Room 338-340	Callbacks: Crews vs. Contractors
	<p>DOE issued WPN 11-3 on December 10, 2010, to clarify if and when Grantees and subgrantees may charge the Department of Energy (DOE) Low-Income Weatherization Assistance Program (WAP) for call-backs once a dwelling unit has been final inspected and reported to DOE as a completed dwelling unit.</p> <p>During this session, presenters will:</p> <ul style="list-style-type: none"> • Discuss the process for callbacks. • Identify other funding that can be used. • Discuss how to avoid callbacks, including how to train up. • Share sample policy descriptions that Grantees could use. • Discuss provider issues and concerns and ensure that everyone is on board to eliminate the need for callbacks.
	<p>Session Leader: Willie Fobbs, Department of Housing and Community Development, Richmond, VA Presenters: Robert Adams and Jean Diggs, U.S. Department of Energy, Washington, DC</p>

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Th40 T Room 235-236	Training Collaboration: Pipelines and Career Pathways Developed with Local Training Partners
	In baseball, the farm team feeds the professional unit. Reaching out to youth development and apprenticeship programs (the farm team) to recruit potential students from other State and Federally-funded workforce development programs can provide another source of students and funding for your Center. Be 'the next step' in career development, and strengthen your organizational funding. During this session, presenters will: <ul style="list-style-type: none"> • Participate in a panel discuss, including community colleges and universities, volunteers, and youth core.
	Session Leader: Steve Bruno , U.S. Department of Energy, Washington, DC Presenters: Andrew Delgado , CCEO Youthbuild, Lennox, CA; Jane Weissman , IREC, Boston, MA
Th41 T Room 244	Training Tools: New Technologies
	During this session, presenters will: <ul style="list-style-type: none"> • Demonstrate the latest technologies available to improve classroom and field training. • Show how to incorporate SMART Boards, Softlink software, and iPad's into training programs, including estimated learning curves for these new technologies. • Present uses of wireless infrared on large screens. • Discuss how to use technology to more effectively train the workforce.
	Session Leader: David Meadows , NRCERT, Christiansburg, VA Presenters: Chris Baker , FSL, Phoenix, AZ; J West , CEDA, Chicago, IL
11:30 am – 12:15 pm Closing Plenary - \$5 Billion Opportunities <i>La Nouvelle Orleans</i>	