

GREENHOUSE GAS EMISSIONS REDUCTION FUND

Appendix – Program Announcements & Promotional Materials

Calendar Year 2011, Quarter 4

October 1, 2011 - December 31, 2011

Program Title:

Efficiency Training Program (ETP)
NH Department of Resources and Economic Development (DRED) and
Lakes Region Community College (LRCC), Laconia, NH and
Plymouth Area Renewable Energy Initiative (PAREI), Plymouth, NH

- 1. Constant Contact email - October 14, 2011**
- 2. Handout from LRCC air sealing demonstrations for Huot Technical Center students**
- 3. LRCC Weatherization Installer Technician November 2011 course brochure**
- 4. LRCC Weatherization Fair press release October 2011**
- 5. Photo of candidates during a BPI Air Leakage Control Installer certification testing, using LRCC props**
- 6. Equipment Demo Day Flier**
- 7. Field Experience Press Release**
- 8. Field Experience Sign Up Sheet**

From: Andy Duncan <aduncan@ccsnh.edu>

Subject: Weatherization Installer Course Starts Nov. 10

Reply: aduncan@ccsnh.edu

Having trouble viewing this email? [Click here](#)



Hi Andy

Help reduce homeowners' energy costs while doing a job you enjoy with Lakes Region Community College's **Weatherization Installer Technician** course. This hands-on course certifies students to become weatherization installers with the opportunity for careers in energy performance contracting.

In this class, you will learn:

- How to install basic air sealing and insulation in residential homes
- How to implement energy efficiency techniques in buildings, including blower door-guided air sealing, duct sealing, densepack and loose-fill insulation
- An overview of insulation and air sealing principles, diagnostics tests and safety considerations

Students successfully completing this course will be eligible to take the optional Building Performance Institute's (BPI) "Residential Building Envelope Whole House **Air Leakage Control Installer**" (RBE-WH-ALCI) **certification**, which will offered at the end of the course.

Four days -- Thursdays & Fridays, November 10, 11, 17 & 18, 2011,
8:00 am - 4:00 pm in Plymouth, NH

Expert instructors. Limited class size. Course prerequisites include basic carpentry skills and ability to work in attics.

Discounted tuition of \$700 includes all materials and safety gear.
Optional BPI "Air Sealing Controller Installer" certification testing fee \$250.

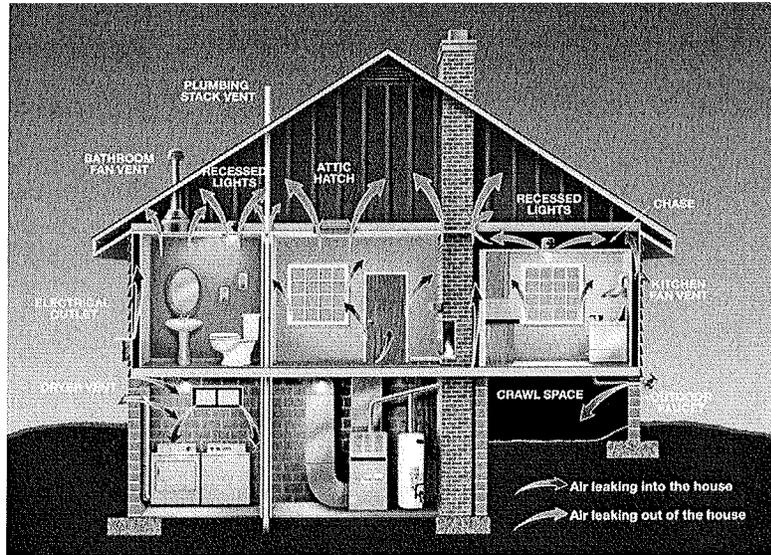
To register or for more information call Lakes Region Community College at 603-524-3207
or visit <http://www.lrcc.edu/energy/training/Wx-Installer.html>

Hands-on installer training for weatherization crew members, contractors and energy auditors.

This Efficiency Training Program course is offered in conjunction with the NH Division of Economic Development and the Plymouth Area Renewable Energy Initiative, with funding from NH PUC's Greenhouse Gas Emissions Reduction Fund

Air Sealing Demonstration

Air Leakage Pathways – Air Sealing Opps.



1

Blower Door Testing & Air Sealing

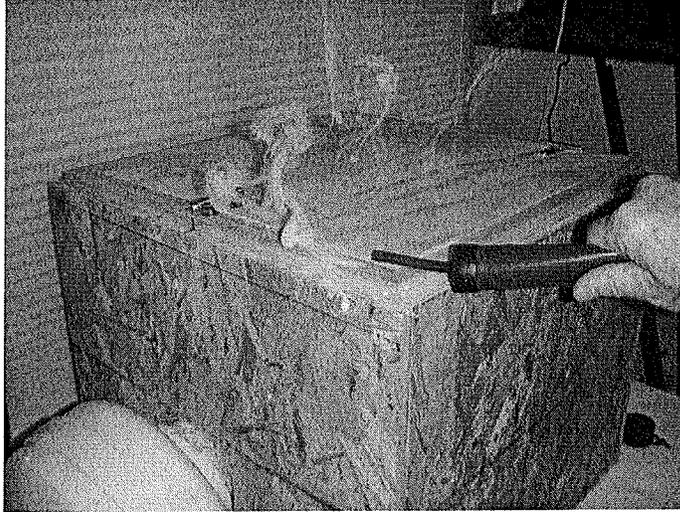
- **Blower door**
 - Measures *amount* of air leakage
 - Shows *where* leakage is coming from
 - Guides air sealing
- Example- top plates in attic:



2

Air Sealing Demonstration

Air Leakage Control Installer Prop



3

Career Opportunities



www.bpi.org

- **“Building Analyst” Career Path**
 - Analyze buildings and make energy efficiency recommendations
 - LRCC Energy Services & Technology program – great foundation
- **“Air Leakage Control Installer” Career**
 - Hands-on problem solver – constructing or repairing buildings
 - “Seal tight and ventilate right”
 - Difficult job, but good entry-level position

4

Lakes Region Community College Efficiency Training Program

The Efficiency Training Program is helping to build a network of trained energy professionals, which will lead to:

- More green jobs
- Lower energy bills
- Improved occupant comfort and building durability
- Reduced environmental impact

LRCC and Plymouth Area Renewable

Energy Initiative are providing a variety of energy analyst and weatherization installer training programs including:

- BPI Building Analyst and Envelope Professional training
- BPI air sealing and insulation installer training
- Topic-oriented trainings and workshops

We also offer an efficiency equipment rental program and professional mentoring support for energy efficiency trainings. Visit us at www.plymouthenergy.org

For more information, contact
Andy Duncan, Energy Trainings Manager,
(603)524-3207 x6629, aduncan@ccsnh.edu
www.lrcc.edu/energy/training

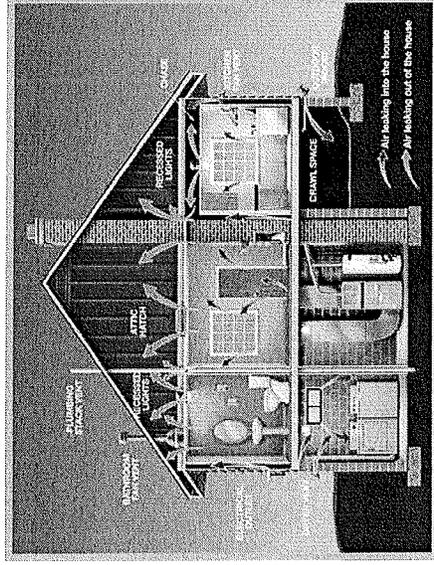


Lakes Region Community College
Efficiency Training Program
379 Belmont Road
Laconia, NH 03246

Looking for a job?

Train to become a

Weatherization Installer Technician

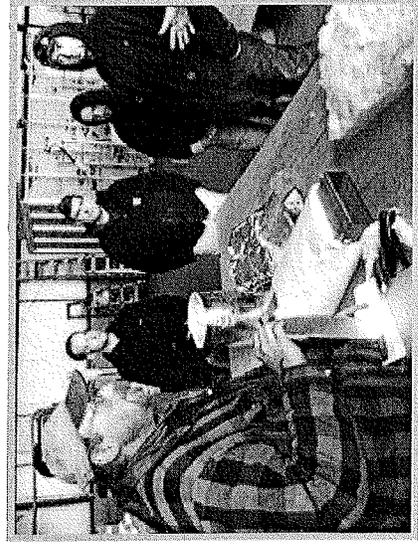


Training Overview

As winter approaches, homeowners begin the annual search for ways to save money on their heating and energy costs. Now you can help reduce homeowners' energy costs while doing a job you enjoy with Lakes Region Community College's Weatherization Installer Technician training.

In this 4-day training, you will learn:

- How to professionally install basic air sealing and insulation in residential homes
- How to implement energy efficiency techniques in buildings, including blower door-guided air sealing, duct sealing, densepack and loose-fill insulation
- An overview of insulation and air sealing principles, diagnostics tests and safety considerations.



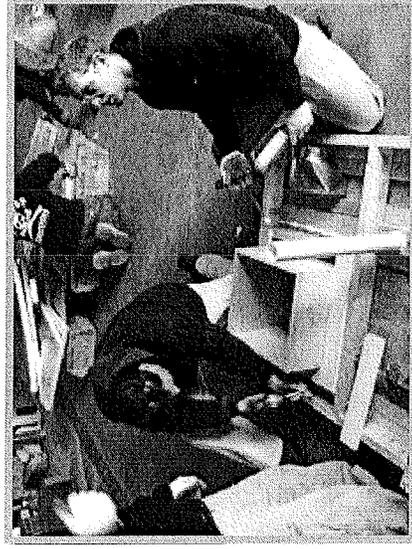
Our classes focus on hands-on learning.

Building Performance Institute Certification



AFFILIATE ORGANIZATION

Students successfully completing this course will be eligible to take the optional Building Performance Institute's (BPI) "Residential Building Envelope Whole House Air Leakage Control Installer" (RBE-WH-ALCI) certification, which will be offered at the end of the course.



Working with an air sealing prop.

This Efficiency Training Program course is offered in conjunction with the NH Division of Economic Development and the Plymouth Area Renewable Energy Initiative, with funding from NH PUC's Greenhouse Gas Emissions Reduction Fund.



Who: Lakes Region Community College (LRCC)

What: Weatherization Installer Technician course

Where: Plymouth, NH

When: Thursdays & Fridays,
November 10, 11, 17 & 18
8:00 a.m. – 4:00 p.m.

Expert instructors. Limited class size. Course prerequisites include basic carpentry skills and ability to work in attics. Contact LRCC for more information.

Discounted tuition of \$700 includes all materials and safety gear. Optional BPI "Air Sealing Controller Installer" certification testing fee \$250.

For more information or to register, call Lakes Region Community College: (603) 524-3207

www.lrcc.edu/energy/training

www.lrcc.edu

10/31/11

For Immediate Release; contact, Max Brown; Lakes Region Community College, Laconia, 524-3207

“LRCC is pleased to participate in the Weatherization Fair,” says Duncan. “It’s great to see the success of New Hampshire’s weatherization programs which create local jobs and save homeowners money. LRCC is proud of its energy programs that train weatherization and other sustainable energy professionals.”

The LRCC Energy Services Technology (EST) Program offers an Associate Degree in renewable and energy efficiency technologies, the only one of its type in New England. LRCC’s Efficiency Training Program offers short term trainings such as the upcoming Weatherization Installer Technician course that starts November 10.

About LRCC: Lakes Region Community College is a fully accredited, comprehensive community college located in the Lakes Region of New Hampshire that serves over 1,200 students annually. LRCC offers 23 associate degree programs including Nursing, Fire Technology, Energy Services, Media Arts, Culinary Arts, Automotive, and Marine Technology, as well as short-term certificate programs. In addition, LRCC provides a strong background in Liberal Arts for students who choose to do their first two years at a community college and then transfer to a four-year college or university for a baccalaureate degree. LRCC is part of the Community College System of New Hampshire.

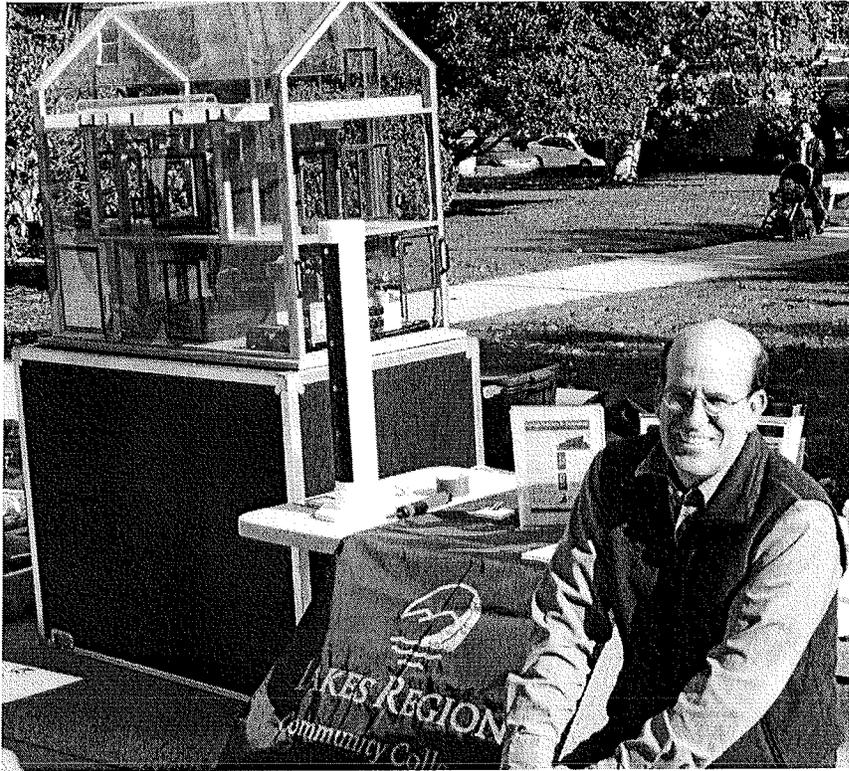
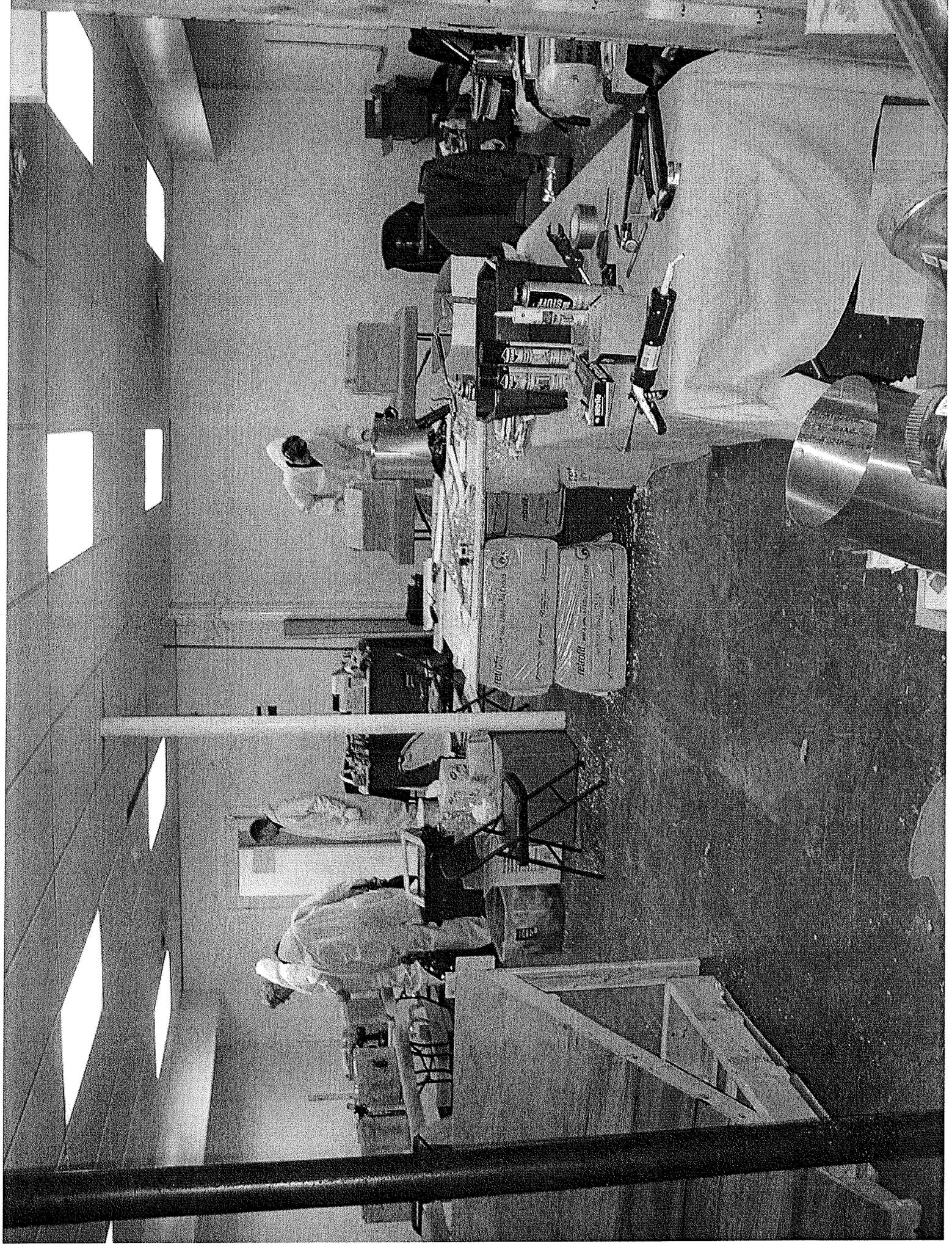
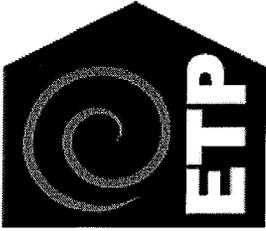


Photo: Lakes Region Community College (LRCC) Efficiency Training Program Manager, Dr. Andy Duncan (Concord), poses with the “House of Pressure” used in Energy Services Technology (EST) classes on Prescott Hill. Duncan set up several interactive displays that demonstrate the benefits of weatherization to the public.





You're invited!

Come check out and participate in an
Energy Rental Equipment Demo Day
and have a free lunch at

17 Railroad Square, Plymouth, NH

Thursday, January 12th from 11:00am - 1:00pm

Contractors, Property Managers, Hardware Store Employees and DIY homeowners take advantage of a great energy cost saving opportunity at Rand's Hardware through the **Energy Equipment Rental Program**. Come see and use the equipment first hand and learn certain tricks-of-the-trade during the **Energy Rental Equipment Demo Day**. The list of equipment for the demo includes a: manometer, single opening blower door, insulation blower primarily for dense pack, infrared camera, and several other accessories.

Schedule of Events

11:00 – 12:30 - Equipment Introductions and Demonstrations

Cellulose Blower

New Construction

Existing Construction

Attics

Blower Door

Manometer uses

True flow hood

Pressure pans

IR Camera

Air Sealing

12:30 – 12:45 – Lunch

12:45 – 2:00 - Hands on opportunities

This event is being organized by the
Plymouth Area Renewable Energy Initiative



Other Upcoming Events:

Weatherization Installer Technician training is a 4-day course that provides hands-on training and BPI certification in residential air sealing and insulation practices. Instructor Andy Duncan will be at the Demo Day to answer questions and demonstrate air sealing techniques.

More Information on this event call PAREI 603-536-5030 or e-mail zak@plymouthenergy.org
This Event is Free of Charge – No RSVP Necessary

For Immediate Release

For More Information Contact: Zak Brohinsky (put cell phone)

Press Release

PAREI Announces New Field Experience Program

The Plymouth Area Renewable Energy Initiative (PAREI) is offering field experiences to assist local contractors, property managers, students and DIY homeowners with becoming more familiar with building science and making homes more energy efficient. Field experiences are offered to anyone who is interested in increasing their knowledge about such things as energy auditing equipment, energy home assessments and home weatherization measures.

Each month PAREI energy auditors conduct several energy audits and other energy related services and are offering these opportunities to interested individuals to shadow for a small fee. According to Zak Brohinsky, the Efficiency Training Program (ETP) coordinator, "The reason PAREI is offering this opportunity is to increase our community's attention to the important issue of energy conservation and to build the skills needed to make our homes more energy efficient." Each opportunity is available for one person at a time and is scheduled on a first-come first-serve basis. Each opportunity will be announced regularly by e-mail to those interested.

PAREI is also offering on-site training for contractors interested in learning how to use a blower door tester for the purpose of pre and post air sealing testing during new home construction and renovations. These trainings can be scheduled at a time that works for the contractor for a fee of \$25 and the cost of a daily blower door equipment rental from Rands Hardware Plymouth, NH. Contractors will receive one-on-one instruction on the use of this equipment at a local site chosen by the contractor.

To schedule a blower door on-site training or to sign up to receive field experience opportunity announcements contact Zak Brohinsky, Efficiency Training Program Coordinator for PAREI: zak@plymouthenergy.org or call _____

The Efficiency Training Program is made possible by a partnership between Lakes Region Community College, the NH Division of Economic Development (DED), the Plymouth Area Renewable Energy Initiative and others. The ETP grant is funded by the Greenhouse Gas Emissions Reduction Fund and administered by the NH Public Utilities Commission. Plymouth Area Renewable Energy Initiative is non-profit membership organization established in 2004 to assist families and small business owners with planning for their energy future.

ENERGY SERVICES FIELD EXPERIENCE

SIGN UP

The Plymouth Area Renewable Energy Initiative is offering Field Experience to help individuals increase their experience with conducting Energy Audits and Energy Efficiency Related Services. Please fill out this form to participate and mail to PAREI PO Box 753 Plymouth, NH 03245 or E-mail to zak@plymouthenergy.org

Date: _____

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

E-mail: _____

Phone: (Cell) _____ (Work) _____ (Home) _____

Preferred means of contact: E-mail Cell Work Home Mail

Check what best describes you:

- I am considering entering the energy efficiency field and/or adding energy efficiency services to my existing business and want to become better acquainted with the field work.
- I need to practice my auditing or installation skills prior to taking a BPI certification exam.
- I am a certified BPI Energy Auditor and want to increase my skill level prior to offering services.
- I want to increase my understanding and familiarity with specific energy efficiency equipment and protocols.
- I want to gain more experience with producing energy audit reports and other communication skills related to working with a homeowner throughout the audit process.
- I work in the building trades and want to become more familiar with some or all aspects of assessing buildings for energy efficiency.
- Other: _____

I would like to (choose one or more)

- Job Shadow – Simply observe a complete building energy audit and participate in a 30 minute Q and A session following the experience
- Work alongside the energy auditor to conduct an energy audit
- Observe a specific aspect of building analysis/energy efficiency services
FEE \$25

I would specifically like to sharpen my skills and/or increase my familiarity with the following areas:

- Combustion safety testing
- Blower Door Testing
- Use of Infrared Camera
- Tips on identifying air sealing and insulation problem areas
- Installation skills, such as air sealing and densepacking
- Building energy modeling and related analysis
- Building energy reporting
- Conducting a Solar Feasibility Study
- Other (Please Specify): _____

ENERGY SERVICES FIELD EXPERIENCE

SIGN UP

Which pieces of equipment do you want to become familiar?

- Boroscope
- Combustion Analyzer
- CO Tester
- Duct Blaster (Leakage Detector)
- Light Meter
- Moisture Testing Tool (such as a hygrometer and % moisture probe)
- Solar Pathfinder
- Nylon Cover For Blower Door
- Insulation Blowing Machine (dense pack or loose fill)
- Blower Door
- Infrared Camera
- Other (Please Specify): _____

I would like to participate in a field experience in...

- Southern NH
- Central NH
- Northern NH

Preferred dates and times to take part in a field experience: _____

Preferred site location (Describe type of building): _____

Is there anything else you'd like to share that would help us set up a field experience that would fit your needs and interests? _____

Thank you. We will be in touch soon to discuss lining up your field experience.

For More Information

contact
IRCC OF PAREI
603-524-3207 603-536-5030

Joint effort by

