



*In-field training*

### **Services Provided**

- We provide heating, cooling, and Whole-House weatherization services on a fee basis
- Workshop presentations for national, regional and state conferences
- On-site training to local non-profits and contractors
- We will travel to other states for training; most of our training is out-of-state

### **Research**

NRCERT has participated in field testing Advanced Duct Sealing technologies, and in impact evaluations of energy education and energy savings using data loggers.

### **Course Certificates**

NRCERT can provide students who successfully complete course requirements with a certificate.

Requirements can be both written and practical. Accommodation can be made for students who have difficulty reading.

### **HVAC Vocational Training**

Our HVAC courses have been approved by the VA Department of Occupational Regulation for vocational training to meet the educational standard needed to obtain a Journeyman’s license in the State of Virginia.

### **Pricing**

Contact Bill Beachy for fee rate.

### **Course Schedule**

Contact us or visit our website for a current schedule of course offerings.

NRCERT is a Building Performance Institute (BPI) Affiliate Organization



**“Tell me and I’ll forget. Show me, and I may not remember. Involve me, and I’ll understand”.**

- Native American Saying



## **New River Center for Energy Research & Training (NRCERT)**

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**A Division of:**



[www.communityhousingpartners.org](http://www.communityhousingpartners.org)



NRCERT Classroom



NRCERT Heating System Lab



NRCERT training prop for hands-on attic air sealing and insulation prep



The House of Pressure

The House of Pressure is used to visually demonstrate Home Performance Testing using Pressure Diagnostics. It has an operable forced air duct system, dryer, bathroom fan, and fireplace. It can be used to demonstrate the effect of thermal bypasses and can simulate backdrafting conditions.

Almost any diagnostic test can be simulated with the House including: Blower Door, Zonal and Pressure Pan testing. The House has been used since 1999 to train crews, for presentations at National, regional, and state conferences, as well as to train other states' weatherization staff.

**For more information regarding the House of Pressure, contact Anthony Cox**

## **Typical Topics of Instruction Provided by NRCERT**

### Heating Systems

- Inspection
- Replacement
- Duct diagnostics
- Duct sealing
- Chimney inspection
- Chimney reline

### Building Diagnostics

- Blower doors
- Pressure diagnostics
- Combustion Appliance Zone (CAZ) testing
- Pressure and thermal barrier alignment

### Retrofit best practices

- Air sealing
- High-density wall insulation
- Mobile homes
- Equipment maintenance/repair

**We will work with you to customize our training to your needs**



Hands-on training: Constructing duct register boots for mobile homes