

PTCS Update

Utility Partner Brown Bag Presentation
June 19, 2014



PTCS Update

- Simplification Themes
- Measure changes
- Program requirements revision
- NEW Air Source Heat Pump spec
- Registry status
- Continuous improvement

Simplification is Underway!

Themes:

- Changes for ease of program delivery
- No savings reductions without new research
- Stay aligned with Round Table presentations



Clarify



Simplify



Implement

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Measure Changes for October

- Duct reimbursements reduced
 - Incremental cost issue, not change to savings
- Correct Low Income duct seal measures
 - 30 refno reduction, replace w/higher savings
- Ducts no longer “required” for heat pumps
 - Old measures to expire 4/1/2015
 - 48 refno reduction



Measure Changes for October

- New and Existing manuf home CCS measures to be combined – same savings
 - 3 refno reduction
- ASHP upgrade baseline changed from “gas FAF” to “non-electric heat”
 - 12 corrected refnos
- Add Prescriptive Duct Sealing measures
 - 12 new measures

Wait, What? Prescriptive Ducts?

- Adding the measures
- Added to PTCS Program Requirements
- Forms in development
- QA will be delivered through PTCS
- **Online registry must be set up for the measures before we can offer them**

Registry Status

- On schedule for first week of October
- BPA has the site in a test environment
- Extensive testing – need utility volunteers
- Gap in site availability during migration



Sample of Planned Enhancements

- Utility site # fields
- Indicator of IM eligibility
- Prescriptive Duct Sealing
- Change submitted data
- New address validation
- Numerous fixes



Program Requirements Updated

- **Alternative trainings are now accepted** as equivalent to PTCS if specified in the Program Requirements

Alternative Training Options

Duct Sealing

- BPI Heating Pro
 - BPI AC & Heat Pump
 - 2 yr vocational degree
 - 2 yr apprenticeship
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- BPI Envelope Pro

Heat Pumps

- BPI Heating Pro
 - BPI AC & Heat Pump
 - 2 yr vocational degree
 - 2 yr apprenticeship
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- NATE Heat Pump Tech
 - CheckMe

Program Requirements Updated

- **Alternative trainings are now accepted** as equivalent to PTCS if specified in the Program Requirements
- **Orientation is now required** for all new technicians
- All references to utility QA removed
- Installation issues must be corrected **within 10 days**

New ASHP Specification

- Compressor low ambient lockout must be set at 5 degrees or less (was zero)
- Auxiliary heat must be locked out at temperatures above 35 degrees F. **There will no longer be an exception for thermostats that lock out the strip heat at 40 degrees,** as cost-comparable thermostats are now available from a majority of manufacturers.

New ASHP Specification

- Air flow of 325 CFM/ton, down from 350
- ESP shall not exceed 0.8 inches of water (200 Pa)
- Ducts treated as a separate measure, not included in the heat pump specification'
- Code incorporated by reference
- Programmatic items moved to Program Requirements

Continuous Improvement

- Oversight
- Savings research
- Website
- New measures
- Measure changes
- PTCS Utility Users Group



Thank you

PTCS Program Technical and Registry Support

ResHVAC@bpa.gov

1-800-941-3867 phone

Program Resources

www.bpa.gov/reshvac

Online Registry

www.ptcsnw.com (until Oct 1)

www.ptcs.bpa.gov (after Oct 6)