

Performance Tested Comfort Systems (PTCS) Program

BPA Brown Bag presentation
March 28, 2012

Stephanie Vasquez, PTCS Program Manager

Overview

- Measure update
- Consistency in transition
- New resources
- Program requirements
- Quality assurance inspections
- Training providers
- Site registry and customer service
- Reimbursements

Measure Update

- GSHP with ASHP baseline
 - BPA-approved to support additional research
 - Review of revised [form](#)
- GSHP, open-loop systems
 - Need data to avoid negative notice in Oct 12
 - Form changes support research
- New construction
 - Qualifies for ASHP upgrade, GSHP measures

Consistency in Transition

No changes to the following:

- RTF Technical Installations Specifications
- BPA Implementation Manual
- Phone number: 1-800-941-3867
 - Note: Direct lines for Ecova staff no longer used
- Fax number: 877-848-4074
- Site Registry: www.ptcsnw.com
- Data quality control will still be automated

New Resources

- Information at www.bpa.gov/reshvac
- Assistance at reshvac@bpa.gov
- Forms – now include Energy Info Release
- GSHP form – new fields to support ASHP baseline research ([walk-through](#))
- Lists of Approved Providers:
 - Trainers, Technicians, QA Inspectors
- Participation Applications

PTCS Program Requirements

- *PTCS Program Requirements* for PTCS replace *RTF Provider Standards*
- Can be found online at www.bpa.gov/reshvac
- Provides requirements for
 - Utilities
 - Installers
 - Trainers
 - Quality Assurance Inspectors

Quality Assurance Inspections

- 10% QA inspections by utility or 3rd party
 - Inspector must be trained, experienced & BPA-approved
 - QA Inspector requirements/application online
 - QA rate requirement is 10% of annual projects
 - Inspections must be randomly selected
 - Corrective re-inspections don't count toward 10%
- BPA-provided QA Reference Guide
- BPA-provided QA Form
- Regular audits of QA inspectors by BPA

Training Providers

- BPA-approval is required
- Trainers must use BPA-provided or BPA-approved materials
- Participation Application include terms
- Approved providers listed on BPA website at www.bpa.gov/reshvac

Site Registry, Customer Service

- Site registry at www.ptcsnw.com will remain until EE Central is ready to serve as registry
 - Secured through March 2013
 - EE Central = no more dual data entry for utilities
- Data quality is very important
 - No back-end edits
 - Emphasize review before submittal
- Utilities should call if they notice process issues

Duct Sealing Reimbursements

- Reimbursements do not change
- Duct Sealing reimbursements
 - \$500.00 Existing single-family home
 - \$400.00 New single-family home
 - \$400.00 Manufactured home

Heat Pump Reimbursements

- Reimbursements do not change

Measure	Incentive	
ASHP: Heat Pump to Heat Pump Upgrade* <i>9.0 HSPF/14 SEER</i> Existing manuf., New/Existing SF homes	\$1000	If duct sealing required
	\$ 500	If duct sealing not required
ASHP: Electric Forced Air Furnace to HP Conversion <i>9.0 HSPF/14 SEER</i> Existing SF and manufactured homes	\$1900	If duct sealing required
	\$1400	If duct sealing not required
Commissioning & Controls <i>Code HSPF/SEER</i> Existing manuf., New/Existing SF homes	\$ 300	No limit on number of heat pumps installed
Geothermal Heat Pump New/Existing SF homes	\$2400	HZ 1 (ends Oct 1, 2012)
	\$3000	HZ 2-3

Contacts

Stephanie Vasquez

PTCS Program Manager

Bonneville Power Administration

smvasquez@bpa.gov

PTCS Program Support

ResHVAC@bpa.gov

1-800-941-3867

A copy of this presentation can be found online at

http://www.bpa.gov/Energy/N/Utilities_Sharing_EE/Energy_Smart_Awareness/