

# **PTCS Heat Pump Measures** ***unbundled***

**BPA Residential Program Announcement**

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## Part 1 – BPA presentation of new measures

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## Part 2 – Ecos presentation of reporting steps

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## Expanding heat pump credits/reimbursements offered under CRC and CAA

- Previously, only heat pumps (8.5+ HSPF and 14+SEER); with PTCS Commissioning & Controls and PTCS Duct Sealing qualified
- New measures provide additional business opportunities for PTCS HVAC contractors

## What are the new stand-alone heat pump measures?

### PTCS Commissioning & Controls for

- Any new heat pump, in any new or existing single family residence, or any new or existing manufactured home, regardless of the HSPF/SEER of unit.

### PTCS Duct Sealing for

- Any new or existing heat pump, in any new or existing single family residence, or any new or existing manufactured home
- Any forced-air electric furnace, with or without Central Air Conditioning

To qualify, pretest must show that duct sealing is required and ducts must be outside the heated envelope (i.e. un-insulated crawlspace, not a basement)



## Summary of new unbundled measures

New unbundled measures	Eligibility Requirements	Single Family New Construction	Single Family Existing	Manufactured Homes (new and existing)
Duct Sealing	Any electric ducted forced air system	\$400	\$500	\$400
Commissioning & Controls	Any new heat pump	\$300	\$300	\$300
Commissioning & Controls with Duct Sealing (includes \$50 bonus)	Any new heat pump (w/ducts outside)	\$750	\$850	\$750



## Duct sealing bonus

PTCS Duct Sealing is not required, *however,*

- **Bonus of \$50** if PTCS Commissioning & Controls **and** PTCS Duct Sealing are both performed and reported as one measure (Offered in PTR under one reference number)

## Effective Date

- New unbundled measures are effective retroactive to any heat pump installed on or after April 1, 2008
- Existing “bundled” PTCS Heat Pump Upgrade credit/reimbursement (8.5+ HSPF and 14+ SEER) with all applicable PTCS continues unchanged

## Changes to PTR

- Some measures will receive expiration dates of 3/31/08
- Replacements for those measures will have a start date of 4/1/08 (now in the PTR)
- Utilities that have the 'replaced' measures already in carts will need to update/reload the old measures with the equivalent new measure
- Instructions and assistance will be provided for this procedure



## Steps for “re-loading carts”

1. Download existing cart data
2. Download upload template for deemed measures
3. Copy certain columns of data from the cart spreadsheet to the template
4. Replace old reference number with new reference number
5. Create a new cart and upload the template to it
6. After verification of the new data, delete the old cart



# Documentation Requirements

The utility must maintain the following documents for measures claimed:

- PTCS form "the certificate", or list from Ecos Consulting of certified units
- ARI certificate or other documentation showing HSPF & SEER
- Copy of the whole house heating/cooling calculation (Manual J or Easy J)
- Balance Point worksheet
- Vendor invoices
- Ducting sealing documentation (if duct sealing is performed)



## Questions?

- Does the program allow Commissioning & Controls for existing heat pumps?
  - No. Existing heat pumps do not qualify for the Commissioning & Controls measures
- How is BPA defining “ducts outside”?
  - Ducts outside means 75 percent of the ducts are outside the conditioned envelope (for example: running through an un-insulated crawl space or in attic)
- Do I need new forms for these measures?
  - No. The existing forms can be used for these unbundled measures
- Other questions?



## Reporting to Ecos Consulting

1. PTCS form ("Certificate")
2. Using PTCS database to track jobs

[www.ptcsnw.com/forms](http://www.ptcsnw.com/forms)

To request username, password and detailed login information,  
please e-mail Andres Morrison

[amorrison@ecosconsulting.com](mailto:amorrison@ecosconsulting.com)



## Reporting: submitting and retaining forms

### Contractor:

- Submits 1 copy of PTCS form ("the Certificate") to Ecos via fax
- Submits 1 copy of PTCS form ("the Certificate") to utility

### Ecos:

- Enters PTCS form ("the Certificate") into the "Site registry"

### Utility:

- Keeps PTCS form ("the Certificate") or Ecos list of qualified units on file
- Collects Sizing (Manual J/Easy J), ARI Certification or other documentation of HSPF/SEER, Balance Point worksheet, vendor invoices and duct sealing documentation (if applicable)
- Accesses the PTCS database to review status of jobs submitted to Ecos



# Questions?

Contact your Energy Efficiency Representative

