Residential Sector Update

Oregon Roundtable
October 15-16, 2014

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Courtney Dale, Weatherization Program
Overview

- Changes and new opportunities
  - Weatherization
  - HVAC
  - New Construction
  - Lighting and Appliances
  - Simple Steps program evolution
    - New contract timeline
    - Retail Sales Allocation tool
Weatherization

Current:
- 2014 Res Wx specs eff. Oct 1st
- 6 follow-up meetings
- 2014 Spec and Best Practices
- Online trainings at WxTrainingNW.com
- Expanded definition of “electrically heated”

In process:
- Checklists, templates, marketing tools
New Prescriptive Measures

- Prescriptive air sealing
  - Attics and Crawlspace
- Prescriptive duct sealing
  - Identical to PTCS duct sealing
  - No testing
  - Free training
Update to the Res Wx spec

Amend 2011 specification using utility feedback

- Used plain language, improved organization
- Removed programmatic and non-energy requirements
- Simplified interactions with code
- Aligned with current industry practices
Weatherization

Program tools:

- Checklists, templates, communication tools
RTF updates to Wx savings

- Phase I: Calibrate SEEM to RBSA billing data
  - Used billing data from houses with a good heating signature
- Phase II: Supplemental Heat/Occupancy (16%)
  - Wood/Gas heat and partial occupancy in “program-eligible” homes
- Option 3: Accounts for Measure Interactions
  - Measures have different savings depending on the condition of the house
- Sept 17 RTF meeting – SEEM calibration of Wx measures approved
- Next – BPA will review QC of measures before accepting

[Link to presentation](http://rtf.nwcouncil.org/meetings/2014/09/SEEMCalibrationandOption3_Overview_v3.pptx)
HVAC

- **DHP**
  - DHP HSPF increased to 9.0 (8.0 for multi-head)
  - Added DHP for Manuf-zonal electric
  - Added DHP to low income measures (4/1/14)

- **Ducted Systems**
  - ASHPs and Duct Sealing unbundled
  - Standard income DS reduced to $200/250
  - Prescriptive Duct Sealing (eff. 10/1/14)
  - PTCS site registry moving to BPA.gov
New Construction

- High Performance Manufacture Homes
  - 8 prototypes built over the last year
  - Work continuing on recycle/replace concept

- New Energy Star/Built Green (WA) measures under development for April ‘15
Lighting and Appliances

In process for April 2015:

- Leaner/simpler delivery mechanisms:
  - CFLs, LEDs, Showerheads, APS
  - Retail, Direct Install, By-Request
  - Mailed non-request still available (bulbs only)
- Air Generate removed from Tier 2 QPL
- Survey required for Advanced Power Strips
- New contract for *Simple Steps, Smart Savings*
Lighting and Appliances

- **Current:**
  - New Program Manager – Dave Murphy
  - Updated measures from the RTF
  - Sent clothes washer measure back to RTF

- **Building midstream/upstream opportunities**
  - Finalizing the Retail Sales Allocation Tool
  - Simple Steps contract re-bid underway
Simple Steps, Smart Savings

- Midstream/upstream program model
- Turnkey program delivery
  - lighting, showerheads, appliances, APS, and more!
  - Opt-in rather than direct acquisition, higher participation will equal lower cost
- Timeline:
  - Request for offers – Sept 3rd
  - Offers received – Oct 14th
  - Award decision by Nov 6th
  - Presentation of New Program Thurs, Nov 13th.
  - Utility opt-in Nov 7 – Dec 5th
  - New program launch – April 1, 2015
Future of Residential support

- Midstream/upstream program models
- Program toolkit resources (checklists, calculators, marketing)
- Support for home energy audits
- Multifamily program models
- Centralized rebate processing
- Support for low income programs
- Behavior Based programs
- Other ???

(ideas generated by Future Opportunities(2013)/Post 2011, etc.)
Feedback

- Additional questions?
- Feedback to today’s presentation
- Other areas that need support?
- Other ways to get your feedback?
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