Multifamily
Multifamily is no longer “Commercial” and “Residential”

• Make offerings similar whenever possible – (New Con now)
• Make sure BPA provides similar direction on both
New Definitions
(currently used for weatherization measures)

Low-Rise
5 or more dwelling units & 3 stories or less

Mid/High-Rise
5 or more dwelling units & 4 stories or more
Multifamily New Construction

Multifamily Weatherization & Low-income Weatherization

It’s all Residential!
Lighting
Total LED savings drop for October 1, 2017 expected to be ~40%
  • RTF has announced additional cuts will be determined for October 1, 2018

Simple Steps forecasts holding steady for 2017
  • Probable adjustments for 2018

No more CFLs

Added TLEDs

Added Pin based lamps
Advanced Power Strips
Added new Personal Desktop Computer measure (desktop only, no laptop)

Removing survey distribution requirement for October 1, 2017

Available for kits
Heat Pump
Water Heaters
Adding new Split System measure
October 1, 2017

- $700 payment
- Sanden only current provider in PNW

Tiers 1, 2 and 3 remain for Unitary HPWH

- $300-$500
Simple Steps
All new measure set

- CLEAResult should handle switch over for program participants

Other delivery mechanisms available

- By Request kits – online fulfillment
- Online store options available
- Bulk purchase of kits also available
- Potential “All the time” appliance promotions instead of 5x per year
- Online
  - Amazon
Other Changes
Refrigerator and Freezer Decommissioning Changes

- Discontinued

Showerhead Changes

- Savings decrease
- Payment remains same

Thermostatic Shower Valves (TSVs)

- No change
HVAC
<table>
<thead>
<tr>
<th>Section</th>
<th>Section Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ductless Heat Pumps</td>
<td>10.8.1.3</td>
<td>Ductless Heat Pump Upgrade. A new measure was created to address replacing DHPs.</td>
</tr>
<tr>
<td>Ductless Heat Pumps</td>
<td>10.8.1.2</td>
<td>Ductless Heat Pump Multiple-Heads. A new measure created to address installations of more than one DHP head.</td>
</tr>
</tbody>
</table>
Smart Thermostats
Fall 2017

Smart Thermostat Data Pilot

We need you!

Need more utilities to participate in data gathering for evaluation of savings, see Jessica or EER if interested in participating

Take advantage of the new marketing materials!
New Marketing Materials

SMART THERMOSTATS

A home that helps you make smarter energy choices? Now that’s comfort.

Financial incentives are now available for all qualified smart thermostat purchases!
Learn more at www.utilitysite.org

Smart Choice
Easy installation and programming make smart thermostats a convenient choice no matter where you call home.

Smart System
It only sounds like science fiction. Smart thermostats learn your family’s habits and automatically adjust temperatures to reduce energy waste.
Mobile registry data entry

Investigating removal of form/documentation requirements

Acting on Technician Support Plans

Top Shop Recognitions

5-10 year HVAC Program planning

Greater partnering with utilities with PTCS Trainers and Techs
OR: PTCS Air Source Heat Pump

- 224 PTCS Installers
- 3,069 Installs
- 129 Companies

2015-Present
OR: Air Source Heat Pump PTCS Inspection Results

81% Pass

19% Fail

2015-Present
OR: Air Source Heat Pump Inspection Failures

2015-Present
OR: Duct Sealing

- 2,071 Installs
- 118 PTCS Installers
- 76 Companies

2015-Present
OR: Duct Sealing Inspection Results

66% Pass

34% Fail
OR: Duct Sealing Inspection Failures

2015-Present
New Construction Stand Alone Measures

BPA Offers More than the Whole-Home Measures

We added tables to clarify:

- Which stand alone measures are available in new construction and,
- Where to find the available measure

<table>
<thead>
<tr>
<th>ADDITIONAL MEASURES AVAILABLE</th>
<th>LOCATION IN IM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential Lighting Fixtures</td>
<td>Section #</td>
</tr>
<tr>
<td>Clothes Washers</td>
<td>Section #</td>
</tr>
<tr>
<td>Heat Pump Water Heaters</td>
<td>Section #</td>
</tr>
<tr>
<td>Etc.</td>
<td>Section #</td>
</tr>
</tbody>
</table>
New Whole-Home Offerings for:

- Single Family (April 2017)
- Manufactured Homes (October 2017), and
- Multifamily (October 2017)

Goals:

- Allow more regional programs to qualify
- Allow utilities to chose a preferred program from suite of pre-approved offerings
Manufactured Home Replacement

- Available for All Incomes
- Decommission a Pre-1976 Manufactured Home
- Replace it with a NEEM 1.1 or 2.0 Home
- Document costs for future analysis
- Flat payment - $2,200 for NEEM 1.1, $2,500 for NEEM 2.0
- HVAC measures can be claimed in addition (low-income too)

BPA is hosting a workshop on this measure November 7 in Portland
Windows

• Added a new optional Project Information Form to simplify data collection and storage for windows measures
Low-income Weatherization
• Income Qualification may now be done by Building or Complex for Multifamily

• Three New Measures:
  o PTCS Air Source Heat Pumps (SF and MH) $3,800
  o Tier 1 Heat Pump Water Heater (SF and MH) $1,360
  o Tier 2/3 Heat Pump Water Heater (SF and MH) $1,700
BPA is still Hosting Regular Low-Income Workgroup Meetings

- Visit this webpage for more information: https://www.bpa.gov/EE/Policy/Pages/Low-Income-Efficiency.aspx
- Next Meeting is November 7
- Topics include policy, planning, BPA program details, and implementation best practices
- Past meeting presentation archive is available online
Gary Smith, Residential Sector Lead
glsmith@BPA.gov

Dave Murphy, Simple Steps, Retail, Appliances, Lighting and Water Heating
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Jess Kincaid, New Construction, Weatherization and Low-Income
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