

Residential Sector Overview

Oregon Roundtable

October 24, 2017

Bonneville Power Administration



Multifamily





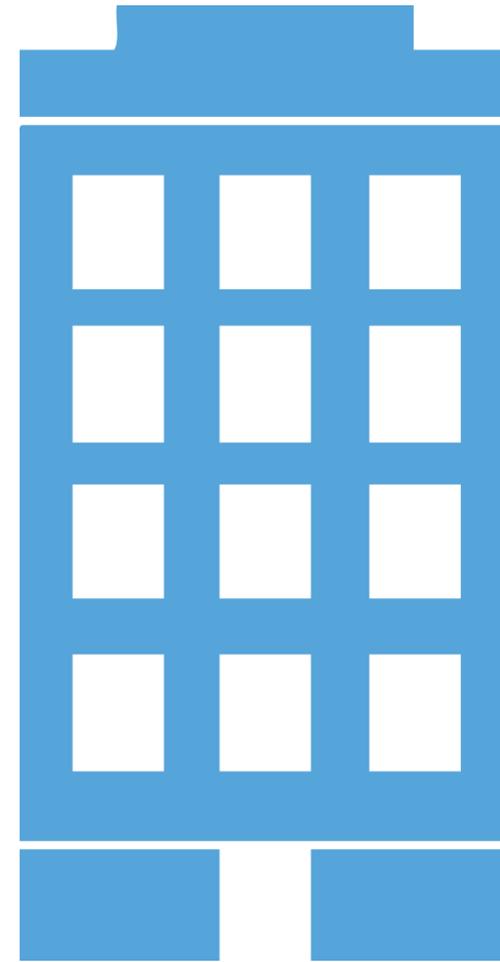
Multifamily is no longer “Commercial” and “Residential”

- Make offerings similar whenever possible – (New Con now)
 - Make sure BPA provides similar direction on both



Low-Rise

5 or more dwelling units
& 3 stories or less



Mid/High-Rise

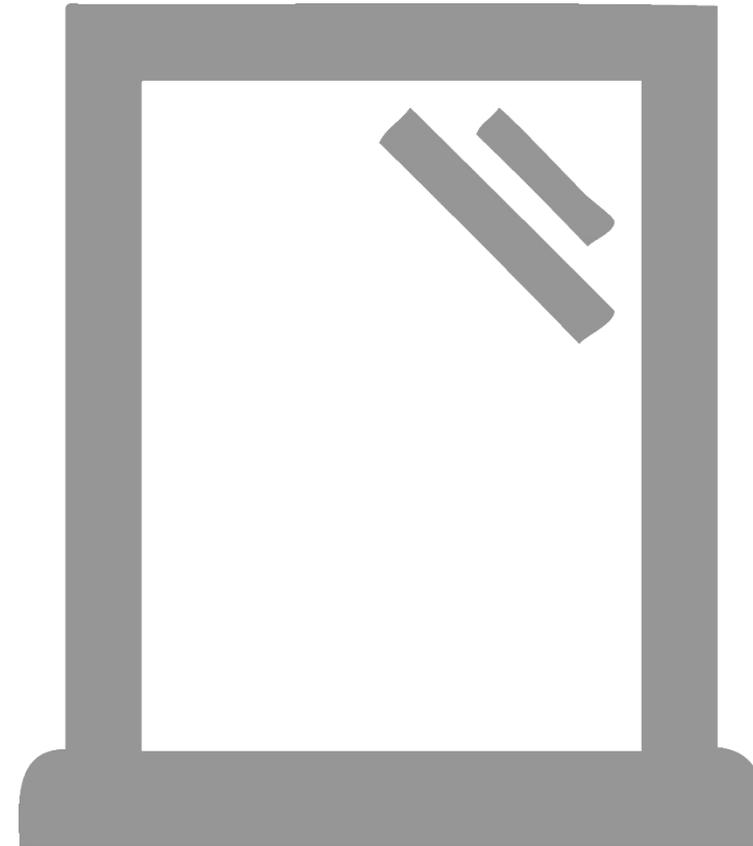
5 or more dwelling units &
4 stories or more

New Definitions

(currently used for weatherization measures)



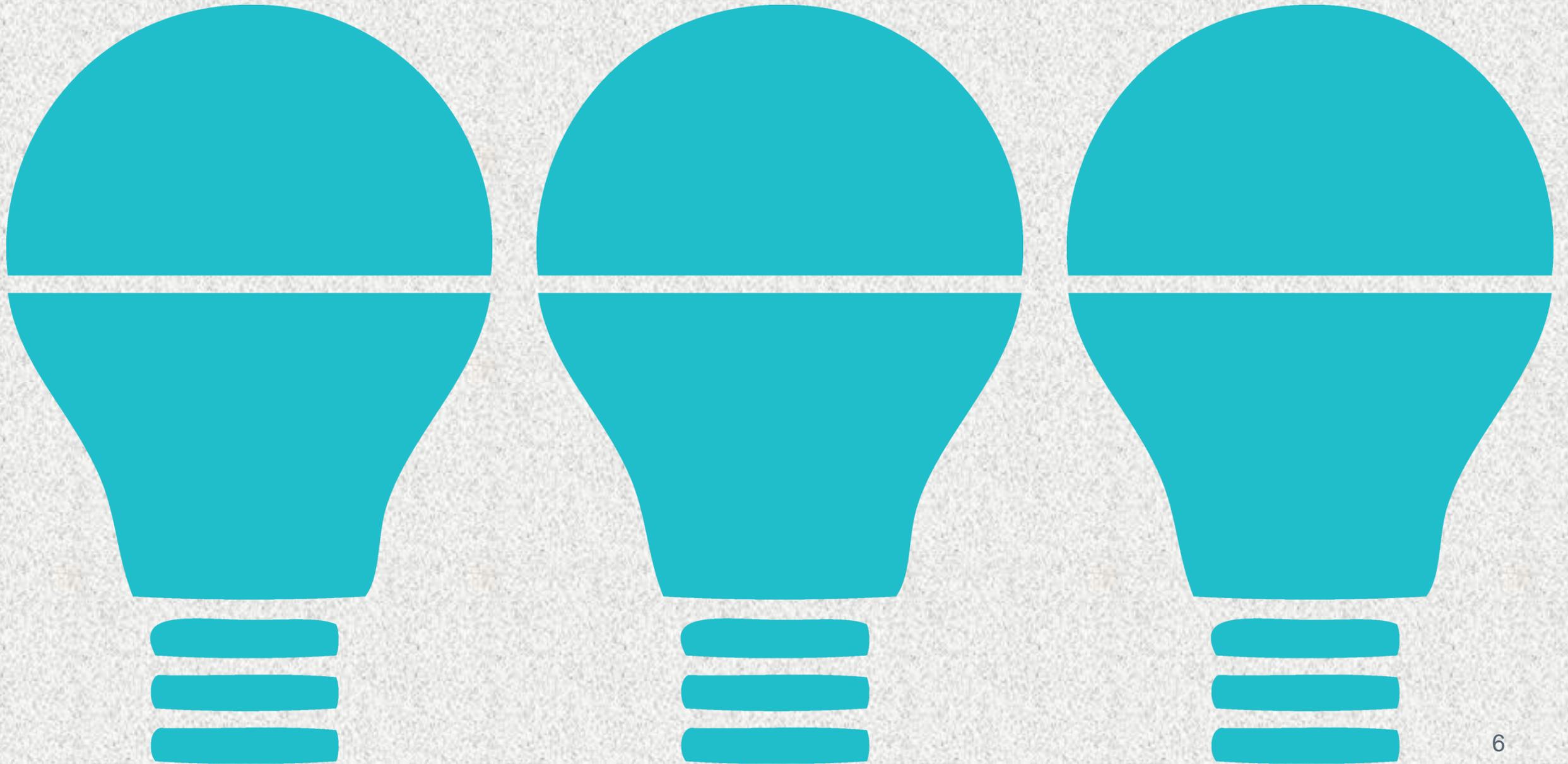
**Multifamily New
Construction**



**Multifamily Weatherization
& Low-income
Weatherization**

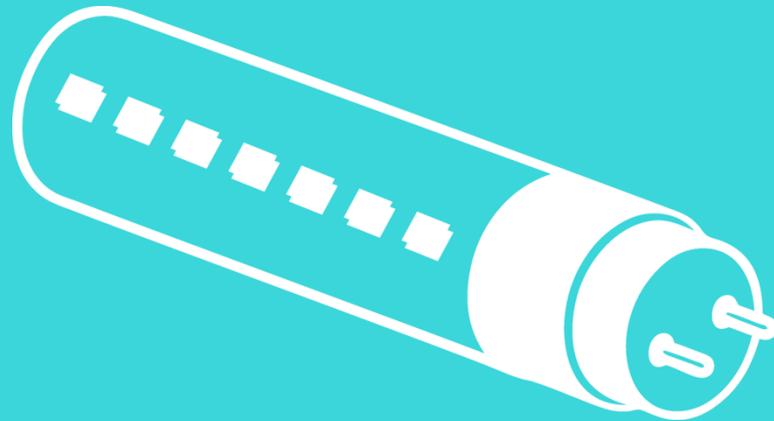
It's all Residential!

Lighting

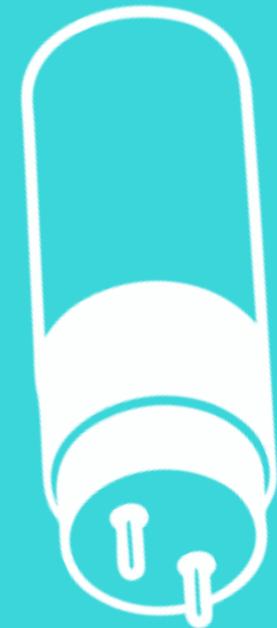




No more CFLs



Added TLEDs



Added Pin based lamps

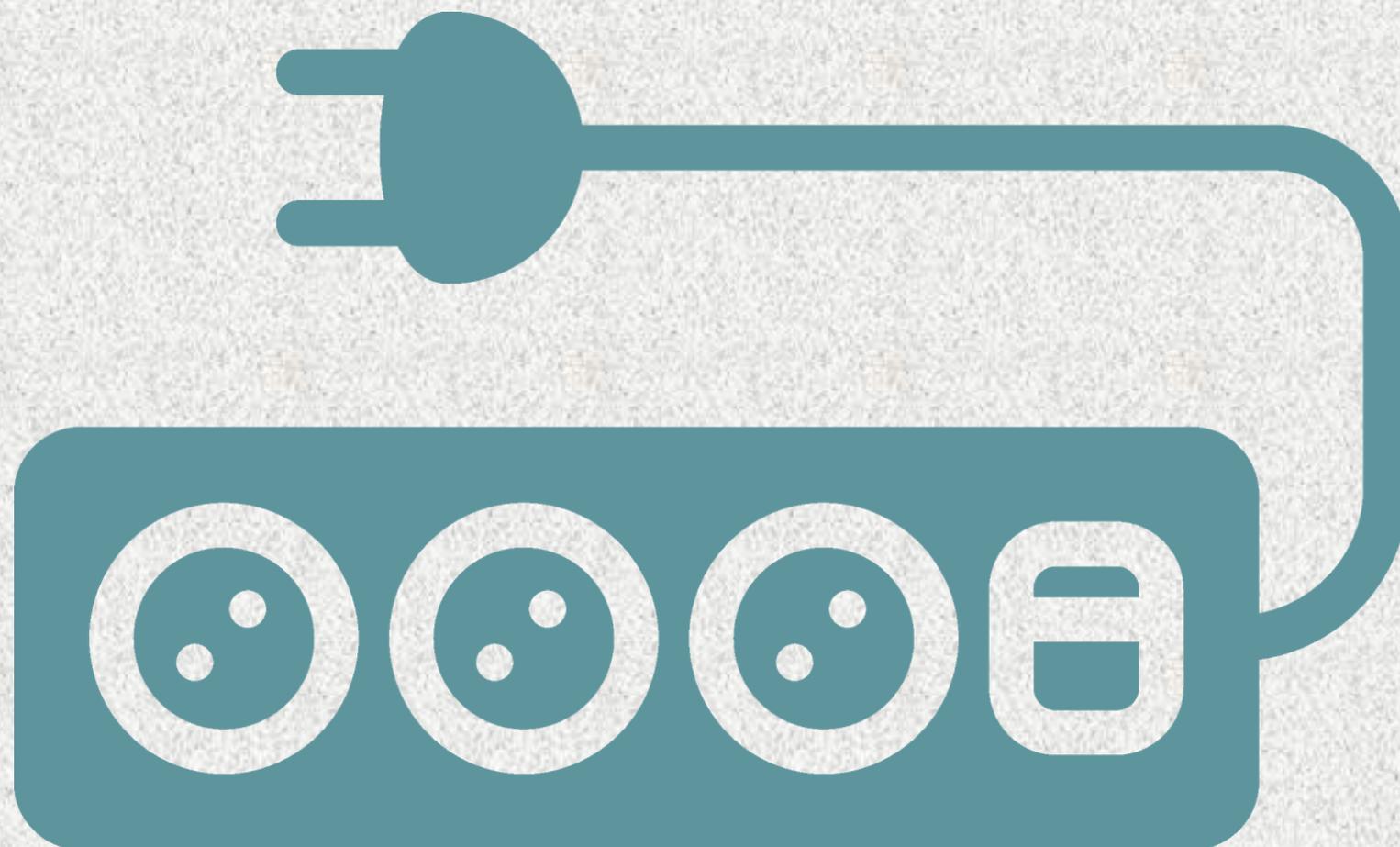
Total LED savings drop for October 1, 2017 expected to be ~40%

- RTF has announced additional cuts will be determined for October 1, 2018

Simple Steps forecasts holding steady for 2017

- Probable adjustments for 2018

Advanced Power Strips





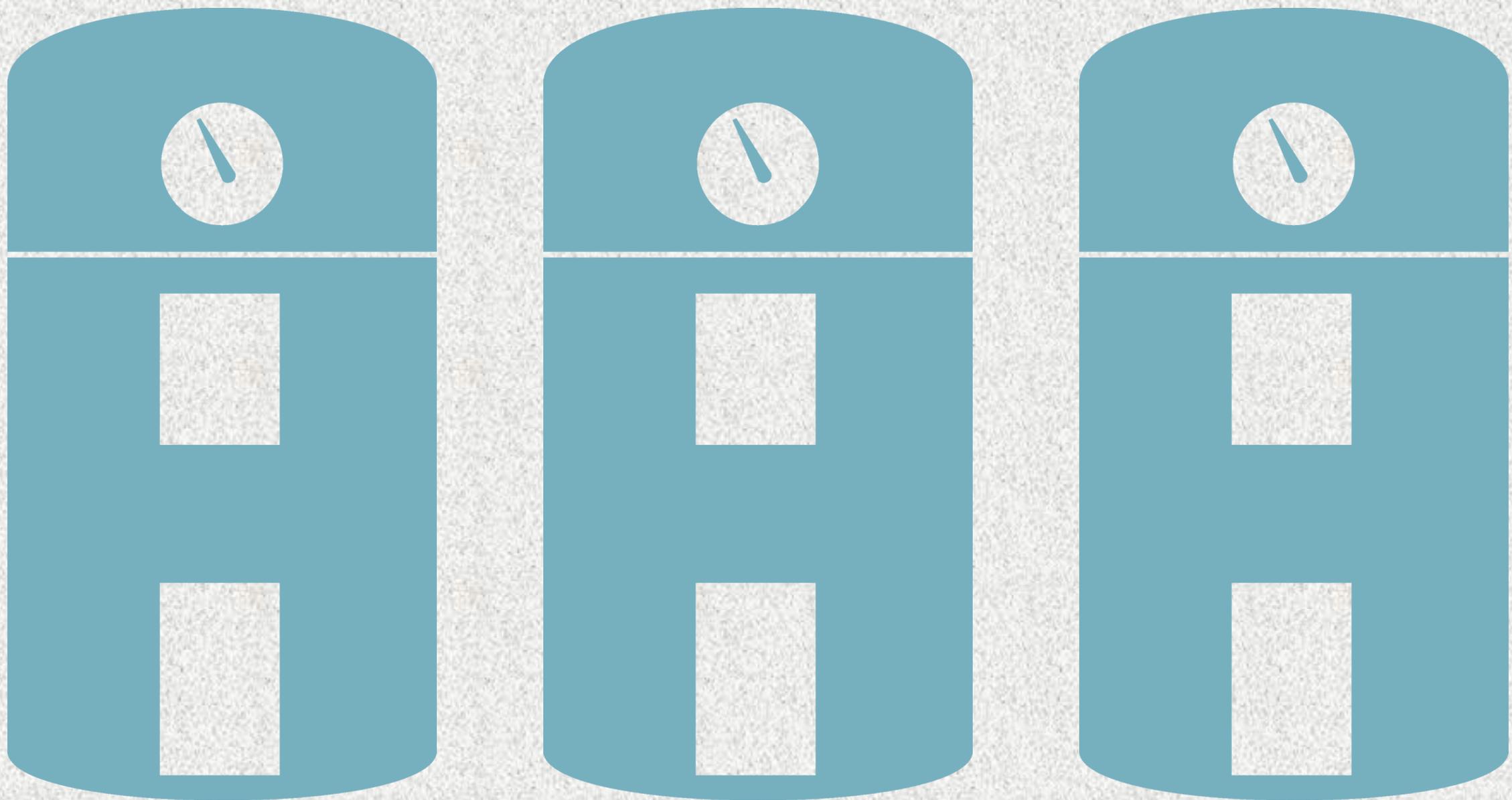
**Added new Personal Desktop
Computer measure
(desktop only, no laptop)**

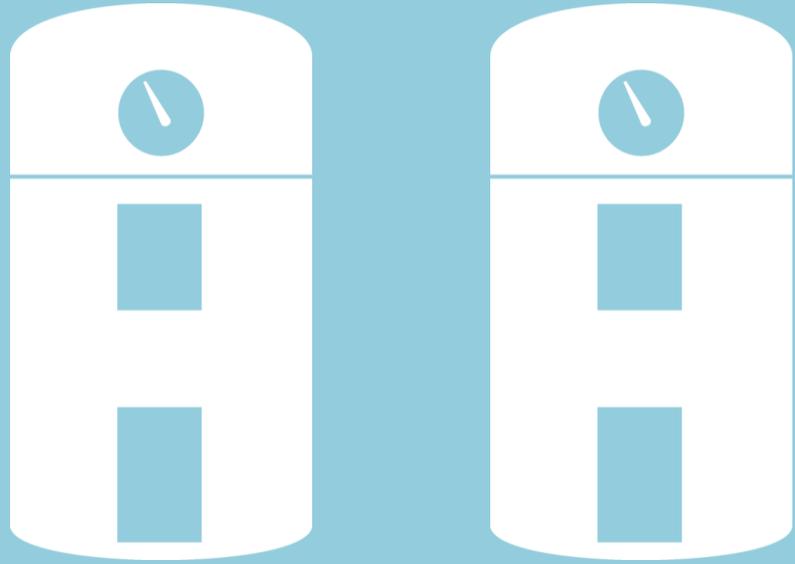


**Removing survey distribution
requirement for October 1, 2017**

Available for kits

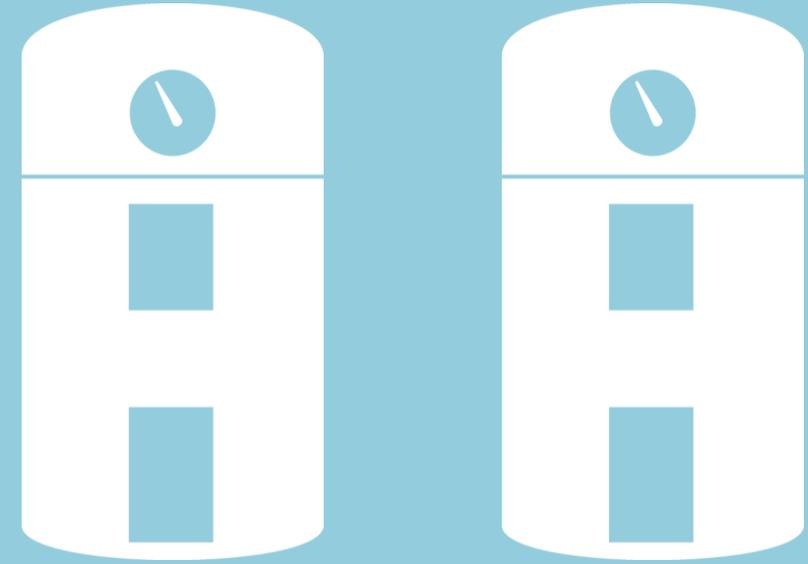
Heat Pump Water Heaters





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

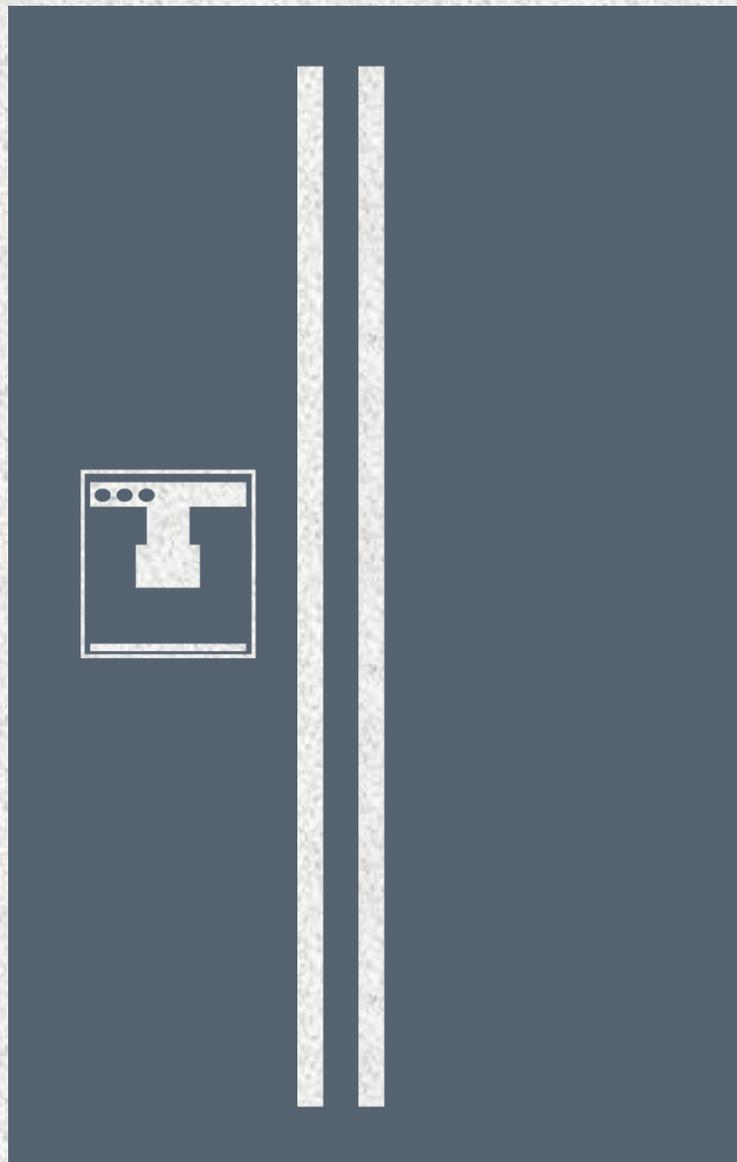
- CLEAResult should handle switch over for program participants

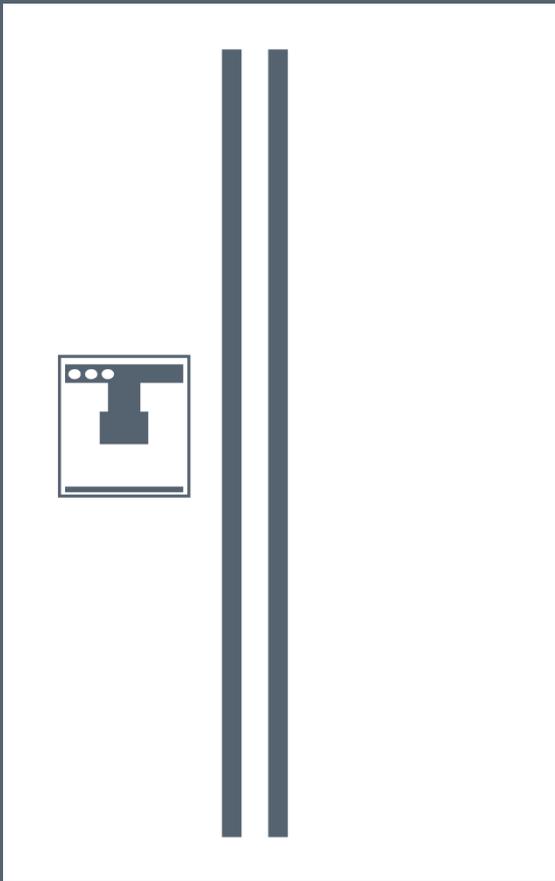


Other delivery mechanisms available

- 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

Amazon

amazon Prime

Philips 455576 60W Equivalent 2700K A19 LED Light Bulb, Soft White (2-Pack)

Style: 60 Watt Soft White

Size: 2 Pack

List Price: \$14.99
 Price: \$9.39 (\$4.70 / bulbs)
 FREE Shipping on orders over \$49.
 You Save: \$5.60 (37%)

Rebate: \$6.00 savings at checkout for residents of 9XXX1, max 5 items
[Details](#)

Note: Available at a lower price from other sellers, potentially without free Prime shipping.

In Stock.

Want it Wednesday, March 23? Order within 2 hrs

< Back

Seattle City Light Utility Rebate

Save \$6.00 with this rebate (max Qty: 5). Discount will be applied at checkout.

- Amazon may share zip code level redemption data with utility companies when you purchase items with this rebate applied.

Apply Rebate

Remove Rebate

amazon Prime

Cart subtotal (1 item): \$9.39

This order contains a gift

Proceed to checkout

Maximum rebate quantity reached

- \$6 rebate will be applied to 5 items - Philips 455576 60W Equivalent 2700K A19 LED Light Bulb, Soft White (2-Pack)
- No rebate will be applied to 2 items - Philips 455576 60W Equivalent 2700K A19 LED Light Bulb, Soft White (2-Pack)

Philips 455576 60W Equivalent 2700K A19 LED Light Bulb, Soft White
 \$9.39
 You save: \$5.60 (37%)
 In Stock
 Eligible for FREE Shipping

7

Get a \$50 Amazon.com Gift Card within 3 days upon approval for the Discover it card. Terms apply.

Saved for later (8 items)

HVAC

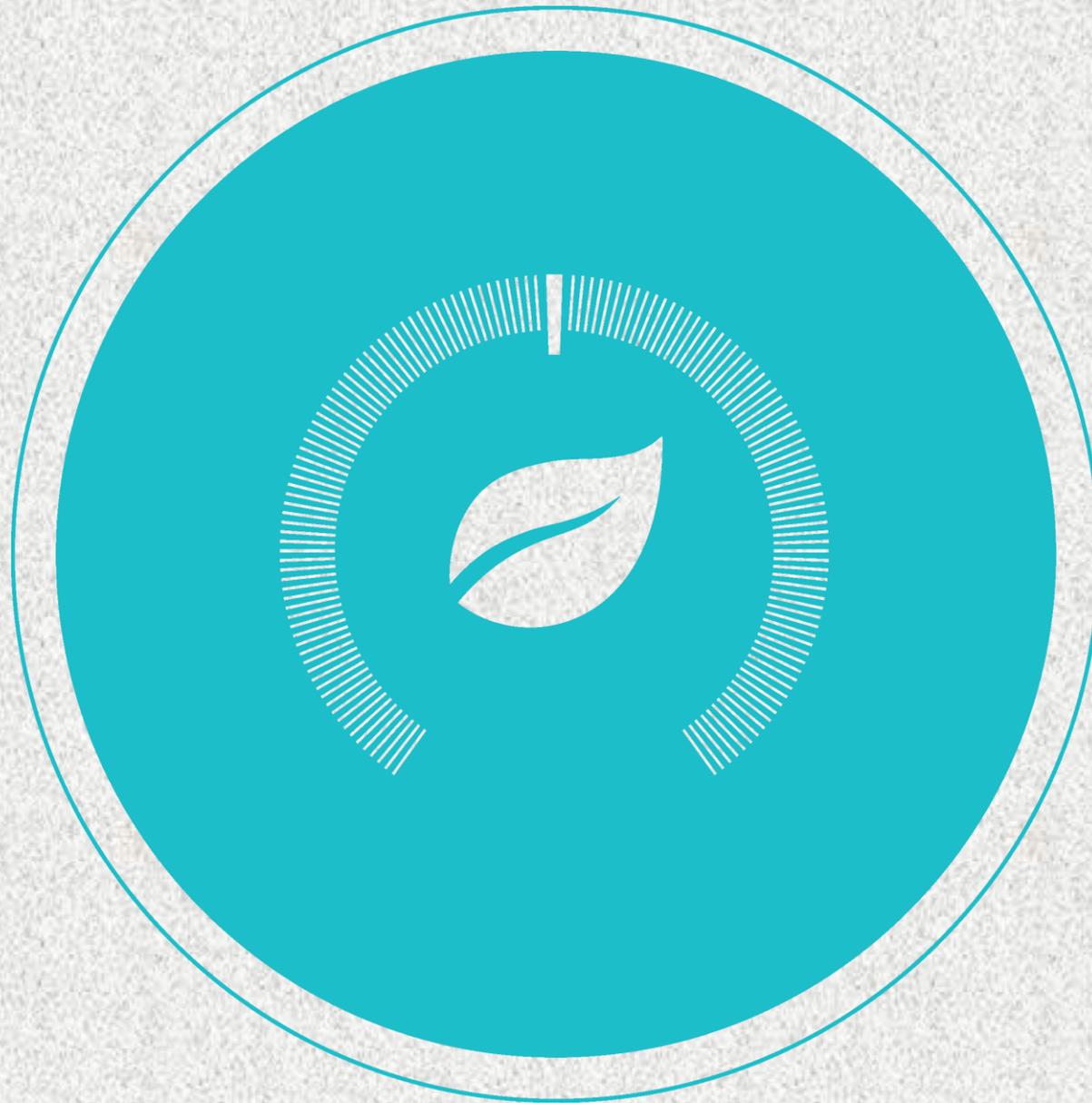


Res HVAC October 2017

IM New Measures

Section	Section Number	Description
Ductless Heat Pumps	10.8.1.3	Ductless Heat Pump Upgrade. A new measure was created to address replacing DHPs.
Ductless Heat Pumps	10.8.1.2	Ductless Heat Pump Multiple-Heads. A new measure created to address installations of more than one DHP head.

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



Waste Less, Save More
Saving on your energy bill is always a good look.

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

A Smarter System
It only sounds like science fiction. Smart thermostats learn your family's habits and automatically adjust temperatures to reduce energy waste.

FINANCIAL INCENTIVES ARE NOW AVAILABLE FOR ALL QUALIFIED SMART THERMOSTAT PURCHASES!
LEARN MORE AT WWW.UTILITYSITE.ORG

Oregon Trail Electric Co-op - Baker City, Oregon Headquarters
Phone: 1-866-430-4265
Address: 4005 23rd Street Burns, Oregon 97720

SMART THERMOSTATS

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

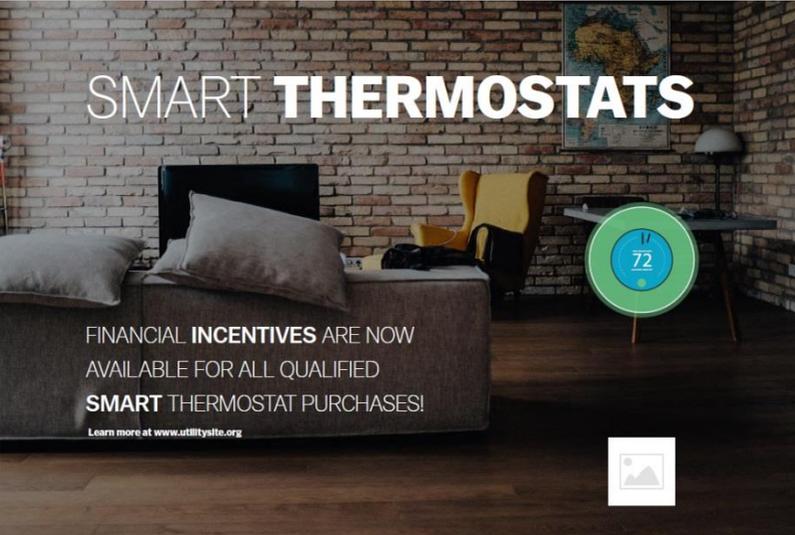
Financial incentives are now available for all qualified smart thermostat purchases!
Learn more at www.utilitysite.org



SMART THERMOSTATS

FINANCIAL INCENTIVES ARE NOW AVAILABLE FOR ALL QUALIFIED SMART THERMOSTAT PURCHASES!

Learn more at www.utilitysite.org



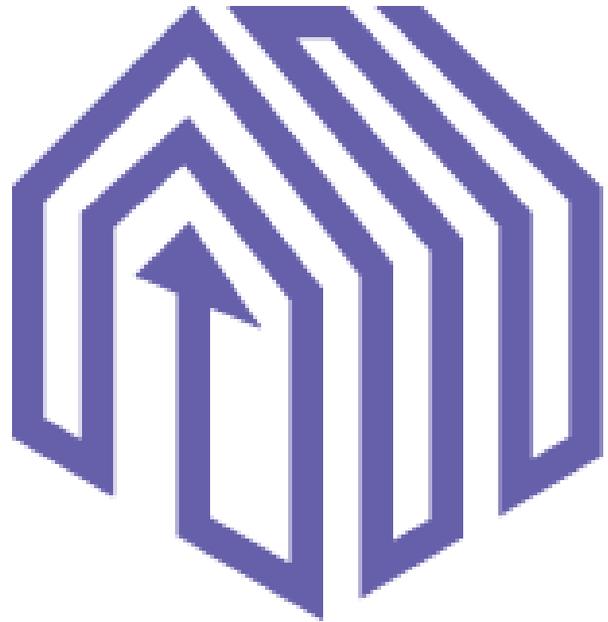
SMART THERMOSTATS

FINANCIAL INCENTIVES ARE NOW AVAILABLE FOR ALL QUALIFIED SMART THERMOSTAT PURCHASES!

Learn more at www.utilitysite.org

http://marcomcentral.app.pti.com/Bonneville_Power_Administration/bpa

PTCS



PERFORMANCE TESTED

COMFORT SYSTEMS®

Feel the difference. Count the savings.



PERFORMANCE TESTED

COMFORT SYSTEMS®

Feel the difference. Count the savings.

Mobile registry data entry

Investigating removal of form/documentation requirements

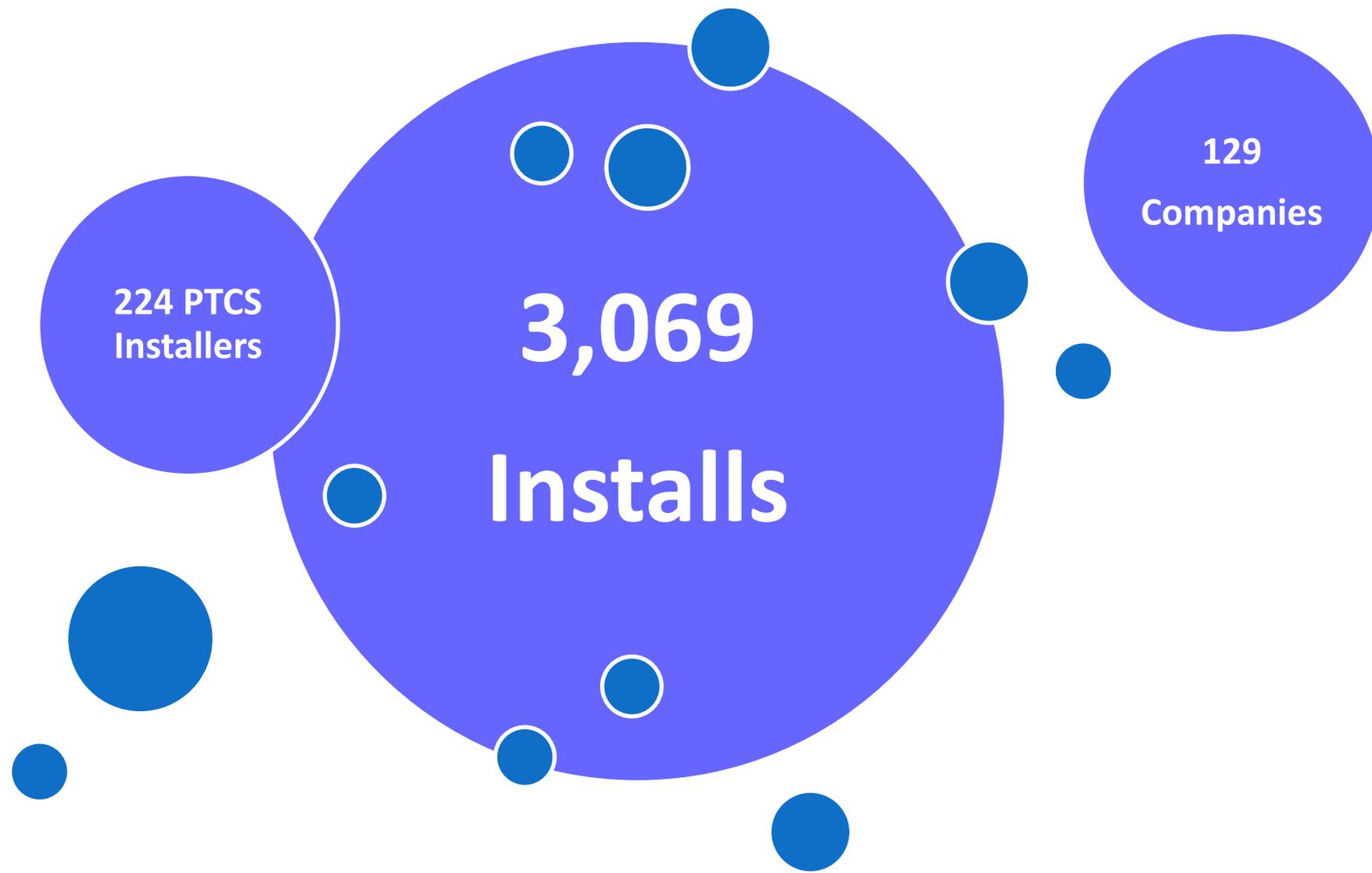
Acting on Technician Support Plans

Top Shop Recognitions

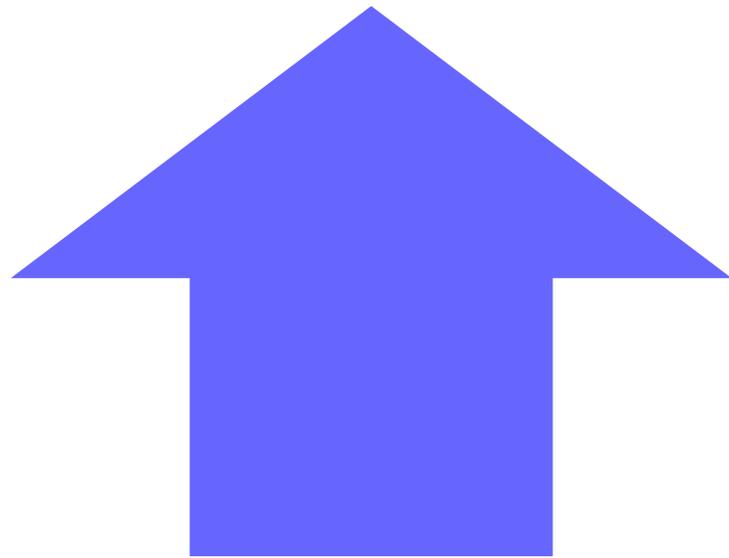
5-10 year HVAC Program planning

Greater partnering with utilities with PTCS Trainers and Techs

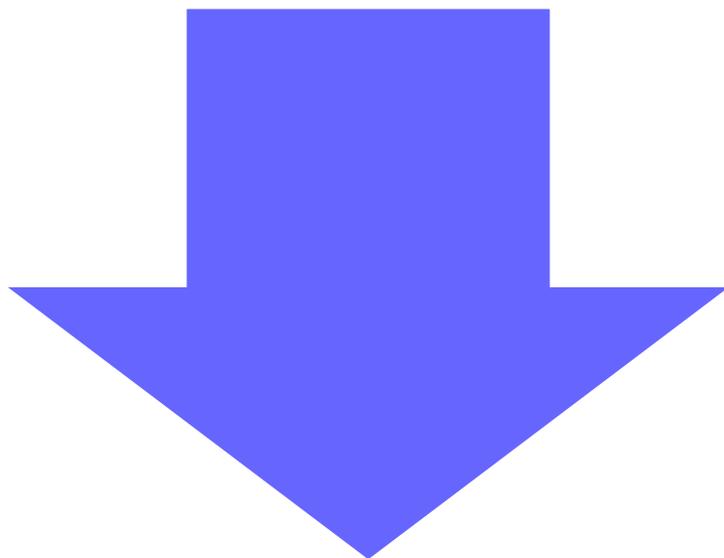
OR: PTCS Air Source Heat Pump



OR: Air Source Heat Pump PTCS Inspection Results

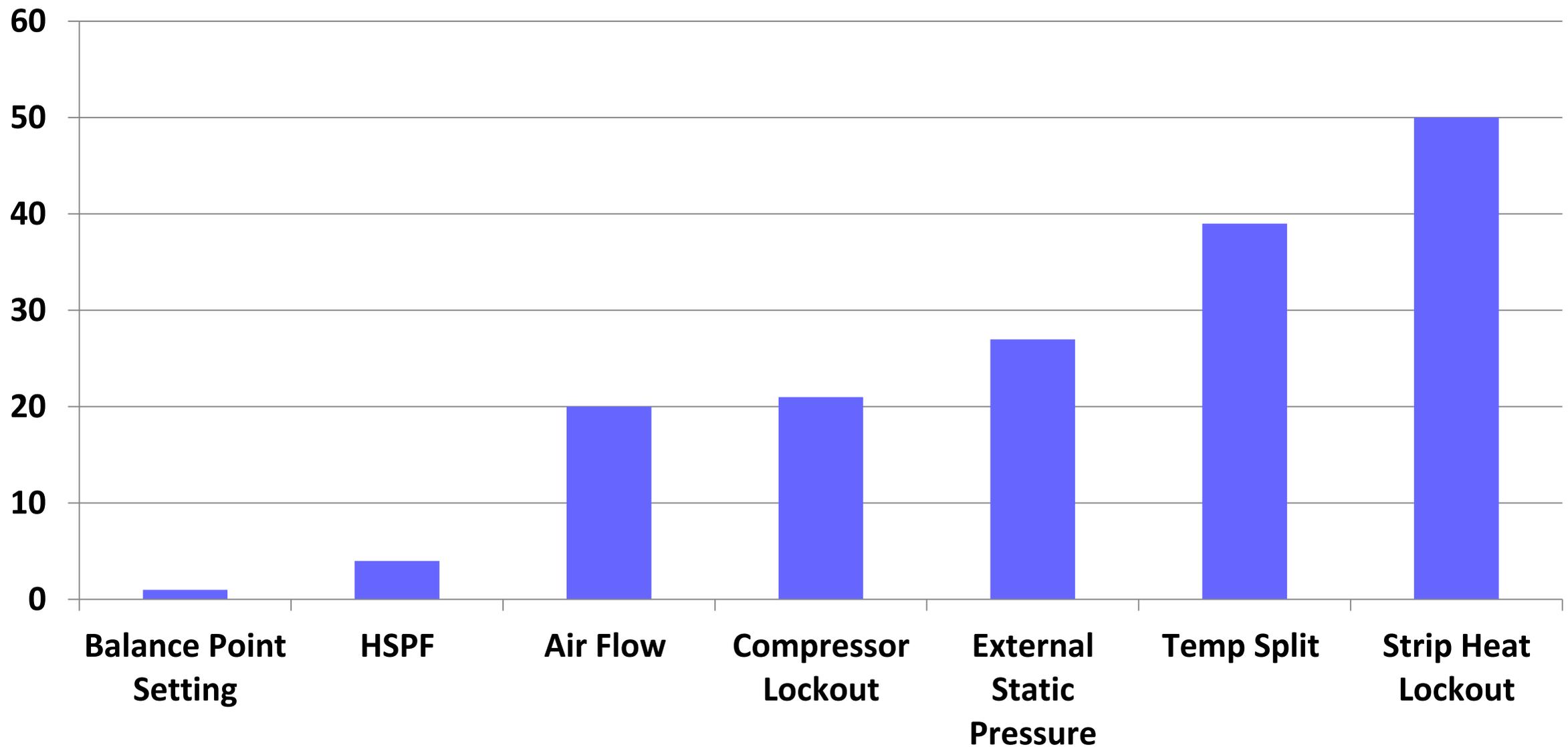


81% Pass



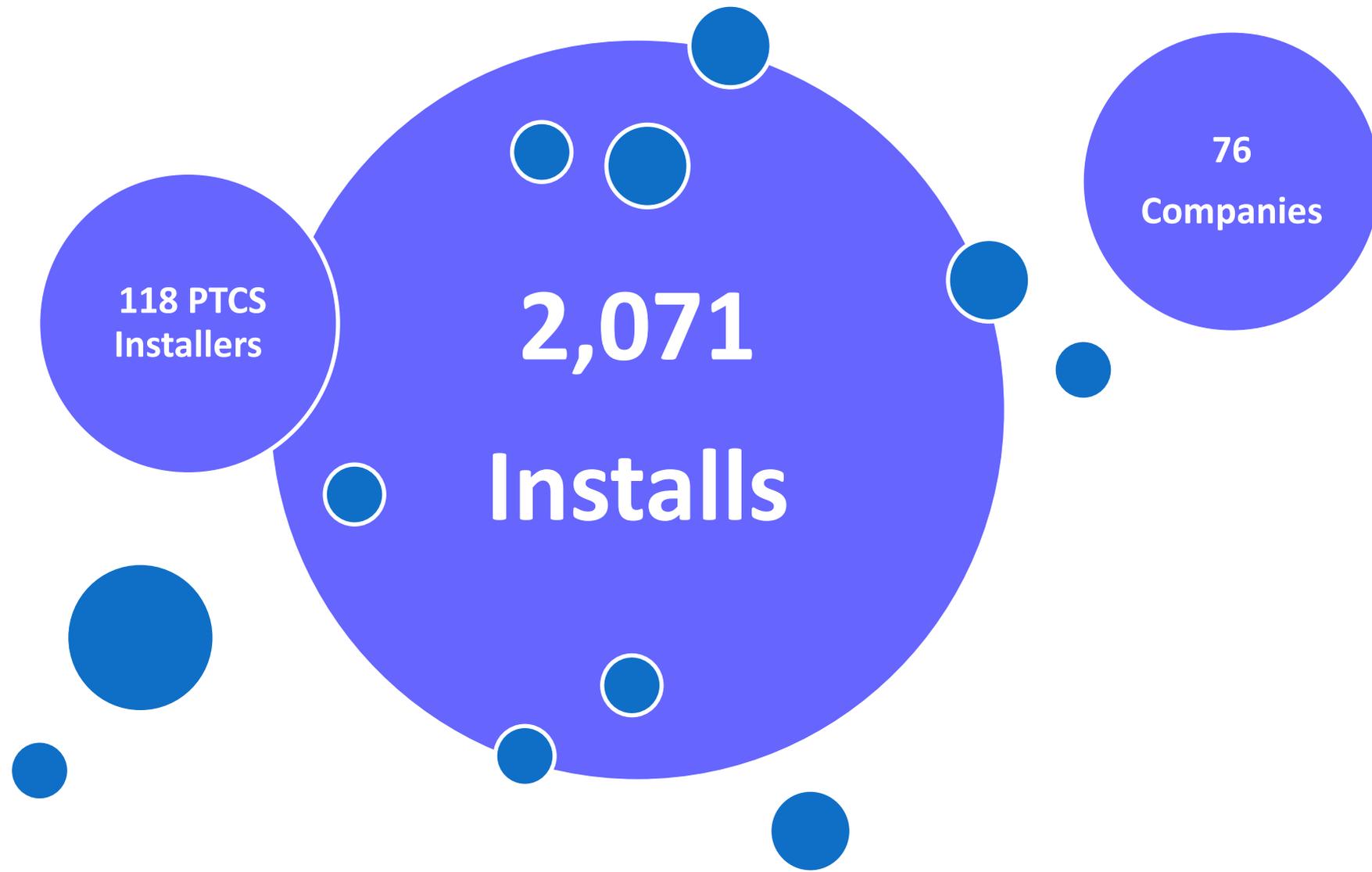
19% Fail

OR: Air Source Heat Pump Inspection Failures

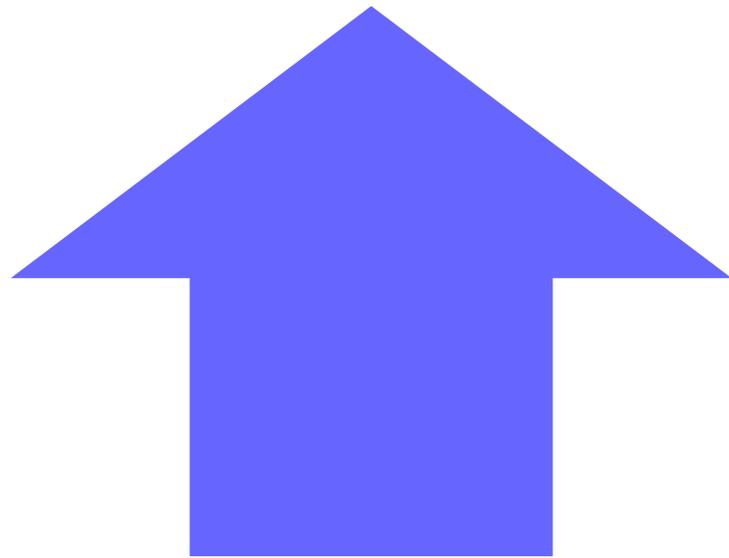


2015-Present

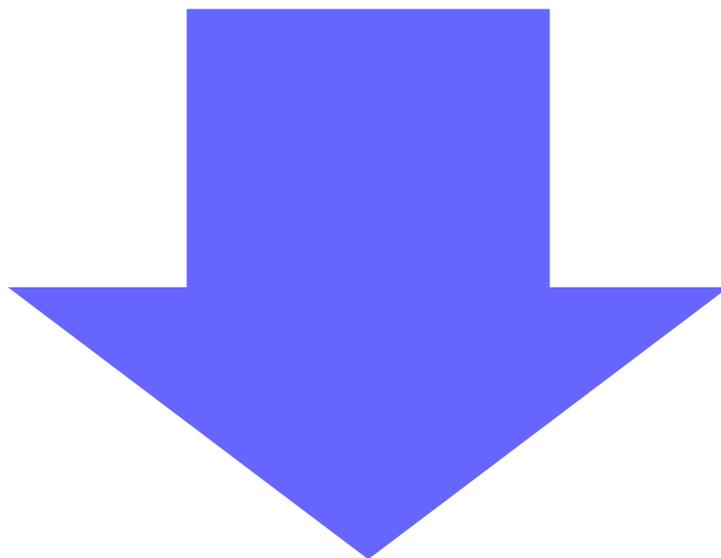
OR: Duct Sealing



OR: Duct Sealing Inspection Results

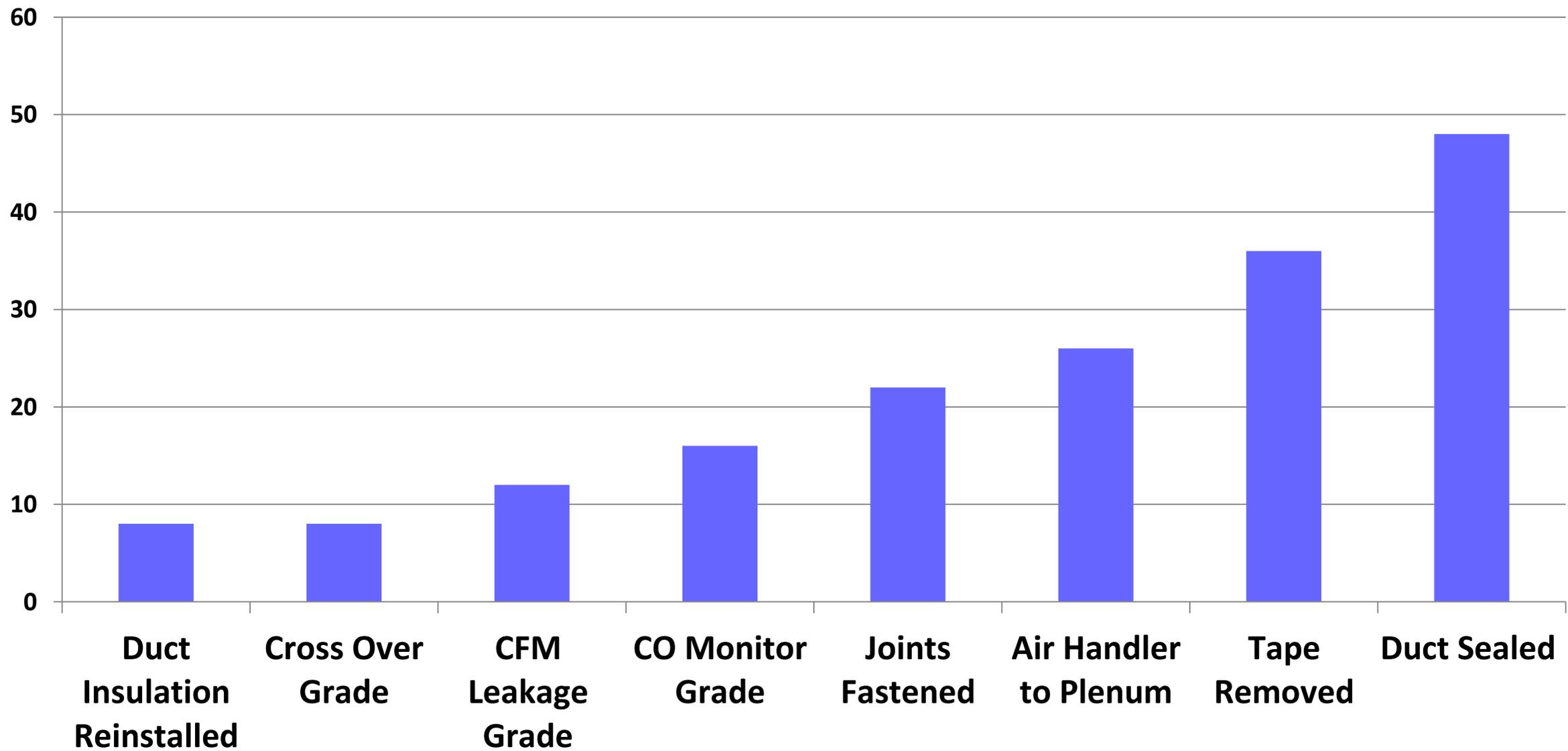


66% Pass



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

ADDITIONAL MEASURES AVAILABLE	LOCATION IN IM
Residential Lighting Fixtures	Section #
Clothes Washers	Section #
Heat Pump Water Heaters	Section #
Etc.	Section #

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 choose a preferred program from suite of pre-approved offerings

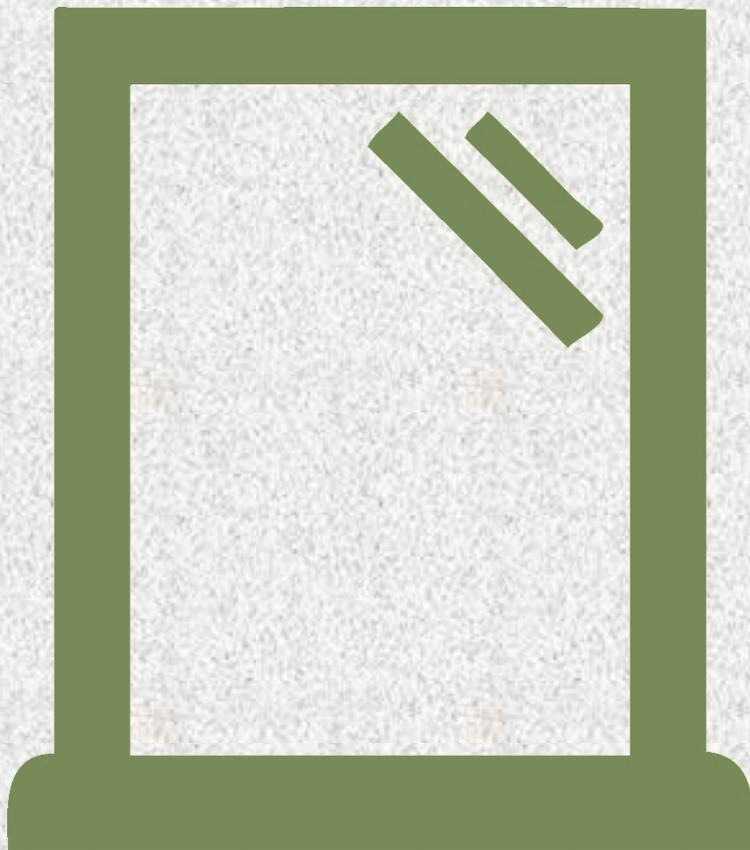
Manufactured Home Replacement



- 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:**
 - **PTCS Air Source Heat Pumps (SF and MH) \$3,800**
 - **Tier 1 Heat Pump Water Heater (SF and MH) \$1,360**
 - **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



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Jess Kincaid, New Construction, Weatherization and Low-Income

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Jessica Kramer, Residential HVAC and Thermostats

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