

2017-2019 Implementation Manual Updates

October 2018 Change Notice Summary

September 27, 2018



PLEASE NOTE

The October 2018 Change Notice Summary will be published in Section 13: Updates/Revisions.

As usual, the IM will be published to BPA's Energy Efficiency website, under Policy & Reporting:

[Implementation Manual's website](#)

Section 13: Updates/Revisions

The table below contains a directory of any revisions made to this Manual outside publications in April and October. In addition to a change description and effective date, the table includes the location of that change, whether contained solely in this table or also in the body of this chapter or in a sector specific chapter.



General

Presenter: Corinne Mauck

PRESENTATION KEY

 measure changes

 payment changes

 savings changes

 changes and corrections



UES Measure List

Presenter: Phillip Kelsven



UES Measure List



Changes:

- ✓ Updated UES Measure list October 1st 2018.
- ✓ Effective July 25, 2018, The site-to-busbar factor in the calculated savings field (column R) in the UES Measure Upload template has been changed to 1.0766 to be in alignment with the 7th power plan methodology



Residential Sector – Part 1

Presenter: Dave Murphy



Section 10: Residential



Expired Measures:

- ✓ Linear Fluorescent Fixtures (10.2.1).
- ✓ ENERGY STAR Linear Flushmount Fixtures
- Both have been removed from lighting related payment tables.



Section 10: Residential



New Incentive and Savings Amounts:

- ✓ Updated lighting payment summary table to reflect new payments. (10.1)
- ✓ ENERGY STAR Solid-State Lighting/Light Emitting Diodes, Bulbs, and Fixtures (10.2.2)
- ✓ TLEDs (10.2.3)

Section 10: Residential



Changes and Corrections:

- ✓ The reference to the Lighting Design Lab (LDL)-Qualified LED Lamp List has been removed. (10.2.2)
- ✓ A lumens column has been added to the payment table for LEDs and Fixtures (10.2.2) and TLEDs (10.2.3) to clarify new incentive rates per lumen bin.

Section 10: Residential



Changes and Corrections:

- ✓ The term “Advanced” has been added to the Appliances payment table for ENERGY STAR Clothes Washer – CEE Tier 3 (10.4)
- ✓ A Retail column has been added to the payment table for Split-System Heat Pump Water Heaters (10.5.4)



Residential Sector – Part 2

Presenters: Gary Smith and Jess Kincaid

Section 10: Residential



Ductless Heat Pump Corrections (10.7.1.2)

- ✓ Corrected reference to section 10.7.1.1 (single head DHP) in section 10.7.1.2 to state correct section number.

Section 10: Residential



PTCS Air Source Heat Pumps, Variable Speed Heat Pumps and Commissioning Controls and Sizing (10.7.2.1)

- ✓ A new section header 10.7.2.1 has been added for PTCS Air Source Heat Pumps, Variable Speed Heat Pumps and Commissioning Controls and Sizing.
- ✓ Clarified documentation requirements
- ✓ Corrected header from "building type" to "measure category" in the payment table.

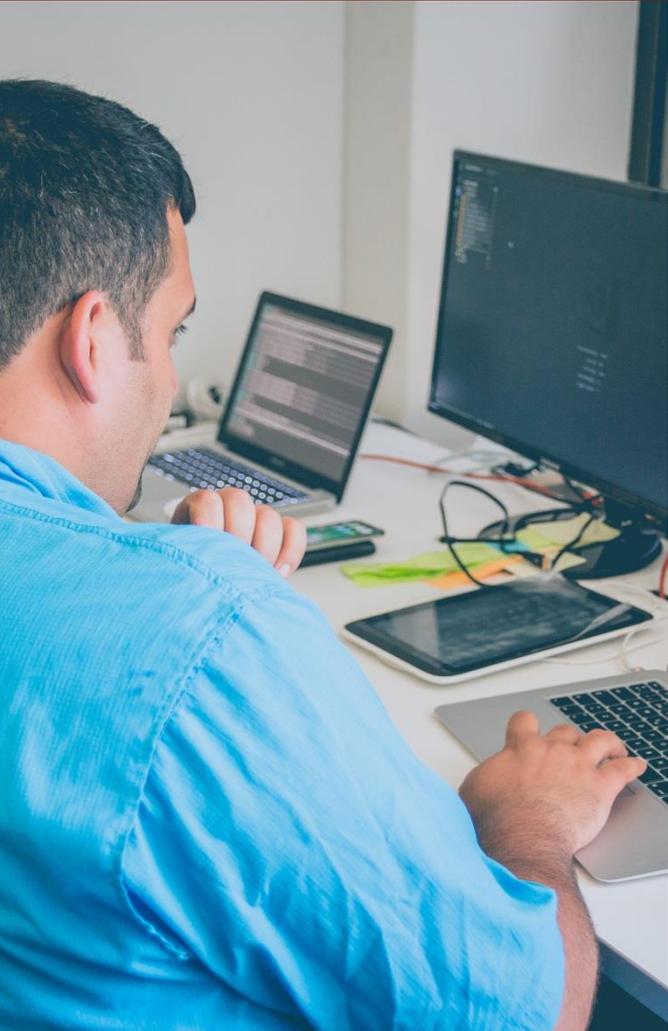
Section 10: Residential



PTCS Ground Source Heat Pumps (10.7.2.2)

- ✓ Clarified documentation requirements.
- ✓ Added "and loop design documentation" to the Additional Information section.

Section 10: Residential



PTCS Duct Sealing (10.7.2.3)

- ✓ Corrected title of documentation form from "Registry Information Report" to "Registry Installation Report" in the documentation requirements table.

Section 10: Residential



Smart Thermostat Changes (10.8.2)

- ✓ Added "BPA Qualified" to the section heading.
- ✓ Added language to facilitate possible addition of future implementation pathways.
- ✓ Clarified payment table column header: changed "retail (end-user installed)" to "retail or end-user installed".



Section 10: Residential



New Manufactured Homes Changes

- ✓ NEEM: Clarified the relationship between the branding designation and the compliance designation for NEEM 1.1 and NEEM 2.0 (10.9.1)
- ✓ Pre-'76 Replacements: Combined three required forms for Manufactured Home Replacement into a single form. (10.9.2)

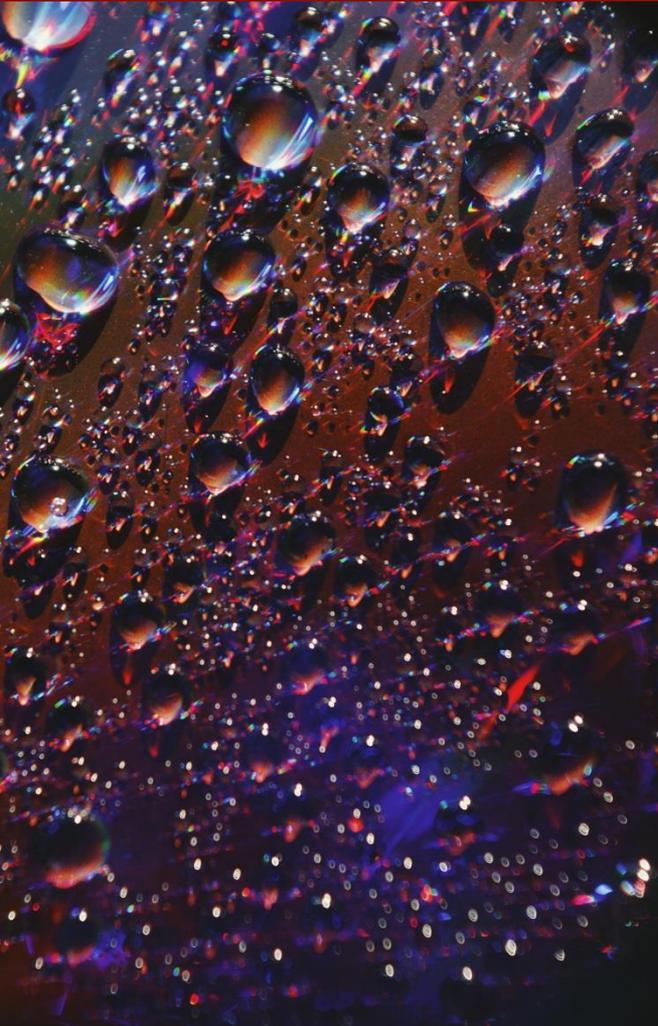
Section 10: Residential



Performance Path Changes (10.9.3)

- ✓ Added information on how to access the Performance Path Calculator Summary Report.
- ✓ Changed title of the form “Performance Path Calculator” to “Performance Path Calculator Summary Report.”

Section 10: Residential



Performance Path Corrections (10.9.3)

- ✓ Corrected column header from "measure category" to "energy savings category" in the payment table.
- ✓ Clarified that showerheads are paid at \$0.10.



Agricultural Sector

Presenter: Stephanie Pettit

Section 13: Agricultural



New Measure 13.2.1.1

- ✓ Variable Frequency Drive for Centrifugal Agriculture Pumps: BPA Qualified measure when the BPA provided calculator is used to determine savings. M&V is not a requirement for this measure.
- \$50 per installed motor horsepower

Section 13: Agricultural



New Measure 13.2.1.2

- ✓ Variable Frequency Drive for New Agriculture Pump Installations: BPA Qualified measure when the BPA-provided calculator is used to determine savings. M&V is not a requirement for this measure.
- \$80/installed hp for turbine pump VFDs;
- \$50/hp for centrifugal pump VFDs.

Section 13: Agricultural



New Measure 13.2.1.3

- ✓ Agriculture New Pump Efficiency Upgrade: BPA Qualified measure when the BPA-provided PIF is used. M&V is not required for this measure.
- \$50 per installed pump motor nameplate horsepower for new pumps.

Section 13: Agricultural



New Measure 13.2.1.4

- ✓ Thermostatically Controlled Outlets: Addition of a thermostatically controlled outlet or controller in a pump house or utility shed, not previously thermostatically controlled, to prevent piping and other equipment from freezing.
- \$14/outlet.

Section 13: Agricultural



New Measure 13.2.1.5

- ✓ Thermostatically Controlled Stock Tank Deicers: Replacement of existing, uncontrolled stock tank deicer with a stock tank deicer that is thermostatically controlled.
- \$52 per installed thermostatically controlled stock tank deicer.



Residential New Measures

Presenters: Amy Burke, Paul Hawkins

Section 10: Residential



New Measure: ASHP (without PTCS)

13.2.3.1

- ✓ Air Source Heat Pump Conversion from Electric Forced Air Furnace to Air Source Heat Pump (without PTCS)
- \$800 payment

Section 10: Residential



New Measure: ASHP (without PTCS)

13.2.3.2

- ✓ Air Source Heat Pump Conversion from Electric Forced Air Furnace to Variable Speed Air Source Heat Pump (without PTCS)
- \$1,000 payment

Section 10: Residential



New Measure: Smart Thermostats

13.2.3.3



- ✓ Smart Thermostats are now available for Low Income
- ✓ Change has been made to Low Income Measures section 10.10.7. Changes apply to documentation requirements and the payment table.
- ✓ Available for Single Family, Manufactured, and Multifamily Homes
- Not to exceed \$400, measure does not allow repairs.

Questions?



If you have any additional questions, please don't hesitate to contact your Energy Efficiency Representative.