

October 2016 Measure List

September 8, 2016



Summary

- There are significant changes to the UES measure list, including...
- Changes to key characteristics for a more logical and easy to use measure list
- Numerous RTF driven updates to savings, mostly in residential
- 7th power plan methodology changes

New Documents

- Two new documents on the BPA EE website and customer portal
- Peak Savings and CO2 emissions detail
- Reference Number Cross Walk

Background

- All Busbar savings change, 7th plan update
- New Site to Busbar factor = 1.07
- Significant changes to key characteristics to align across measures

Process

- Compiled feedback from customers since October and before
- Worked with BPA program managers to compile proposed changes
- Implemented changes with two rounds of quality control
- Feedback due tomorrow on additional proposed changes

Residential Summary

- Measure list is slightly smaller in residential, going from 1,574 measures to 1,454 measures
- Mainly due to cutting GSHP measures in half
- Overall goal is to align key characteristics across measure sets

Summary of Changes - Res

- Key Characteristic 1 then = 47 unique items
- Key Characteristic 1 now = 13 unique items
 - Key Characteristic 1 is now used to identify residential housing type for most measures apart from measures that can be installed across housing types (lighting & showerheads)

Summary of Changes - Res

- Key Characteristic 2 then = 71 unique items
- Key Characteristic 2 now = 51 unique items
 - Used for: tiers, upgrades & conversions, insulation type, lamp type, PTCS,

Summary of Changes - Res

- Key Characteristic 3 then = 62 unique items
- Key Characteristic 3 now = 51 unique items
 - Used for: R-values, lumen bins, HVAC baseline, window type

Summary of Changes - Res

- Key Characteristic 4 then = 35 unique items
- Key Characteristic 4 now = 29 unique items
 - Used for: Fuel or HVAC type, delivery mechanism,

Summary of Changes - Res

- Low Income identifier in KC1 and Program column
- Updated RTF effective dates and workbook links
- New and complete TRC B/C ratios, levelized cost, transmission system and distribution system peak savings, and CO2 reductions
- Transmission system and distribution system peak savings, and CO2 reductions are published in a separate workbook with 6 decimal places

Non-Res Summary

- Measure list is only fractionally smaller—70 refnos expiring, and adding four.
- Not as many key characteristics changes as Residential, but reduced redundancy in some, and aligned with Residential changes in others.

Summary of Changes – Non-Res

- Removed 58 redundant Efficient Case Savings Characteristics, Baseline Characteristics, or Fuel Types that were already listed in Key Characteristics
- Moved 31 Key Characteristics around (from one column to another)
- Added in 23 Unit Types that were missing
- Per IM updates, updated Insulation measures from R-0 to \leq R-5 at the minimum, and removed Laundromat requirement from commercial clothes washers

Summary of Changes – Non-Res

- Updated Measure Name concatenations
- Updating RTF effective dates and workbook links
- New and complete TRC B/C ratios, levelized cost, transmission system and distribution system peak savings, and CO2 reductions
- Transmission system and distribution system peak savings, and CO2 reductions are published in a separate workbook with 6 decimal places