Work Paper SCE17HC035

**Revision 1**

**Short Form**

**Southern California Edison**

**Unitary Air-Cooled Commercial Air Conditioners and Heat Pumps >=65 kBtu/h**

**Introduction**

This workpaper short form documents measure offerings/impacts adopted and excluded by SCE from PGE’s “**PGECOHVC128 - Unitary Air-Cooled Commercial Air Conditioners and Heat Pumps >=65kBtu/h, Revision #8”** workpaper(PGECOHVC128 here after), with the following exceptions.

1. Early retirement (ER) measures are not supported in SCE17HC035.1 (and not intended to be offered by Program in 2018)
2. NEW measures are not supported in SCE17HC035.1 (and not intended to be offered by Program in 2018)
3. ROB’s measure impacts are updated from DEER2017 D17v2 (READI v2.4.7) without deviations.

# Document Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Rev** | **Date** | **Author** | **Summary of Changes** |
| 0 | 01/31/2018 | Andres Fergadiotti/SCE | 1. Updated SCE’s calculation templates for ROB based on PGE’s “PGECOHVC128” template 2. Updated Measure Impacts based on **DEER2017 D17v2 (READI v2.4.7)** |

**Measure Summary**

Table : Measure Summary Table

| **Section** | **Value** |
| --- | --- |
| **Summary & Purpose** | This short form workpaper documents ex-ante measure impacts and cost-effectiveness values for the measure. ROB measure impacts are being updated directly from DEER2017 D17v2 (READI v2.4.7) without deviations.  SCE’s SCE17HC035.1 does not support Early Retirement (ER) and NEW measures in 2018. |
| **1.1 Measure & Baseline** | Please refer to Attachment #1 Calculation Templates for the list of measure solution codes and baseline condition. |
| **1.2 Technical Description** |  |
| **Measures** | 1. No difference in ROB measures. 2. SCE is not supporting ER measures. 3. SCE is not supporting NEW measures. 4. Removed savings impacts and solution codes for both ER and NEW measure offering |
| **Code for All Measures** | Please refer to Attachment #1 Calculation Template for the list of measure solution codes. |
| **Requirements** | Refer to **“PGECOHVC128”** for ROB measure offering requirements. |
| **1.3 Installation Type and Delivery Mechanisms** |  |
| **Installation Type** | ROB only |
| **Delivery Mechanisms** | Mid-Stream Programs: Mid-Stream Incentive (SCE Only)  Up-Stream Programs: Up-Stream Incentive (SCE/PGE) |
| **1.4.1 DEER Data** |  |
| **Net-Gross-Ratio** | No Change |
| **Effective and Remaining Useful Life** | No Change |
| **Section 2. Calculation Methodology** |  |
| **Energy savings/Peak Demand Reduction – All Measures** | Measure impacts are being updated from DEER2017 D17v2 (READI v2.4.7) without deviations. Evaluation of the updated (DEER2017 D17v2) data indicates no major variations on measure impacts from previous data set (DEER2017 D15 v1.0). |
| **Section 3. Load Shapes** | No Change |
| **Section 4. Costs** | No Change |
| **Section 4.1 Base and Measure Costs** | Please refer to Attachment #1 Calculation Templates for detailed baseline and measure costs. No change from PG&E workpaper. Adopting PGE’s cost IDs. |

**Savings and Calculation Methodology**

1. Savings impacts for ROB are being updated from DEER2017 D17v2 (READI v2.4.7) without deviations.
2. Savings impacts for NEW and Early Retirement (ER) program type offerings were not included in this workpaper.

**Attachments**

1. SCE17HC035.1 - Calculation Template\_Final