Work Paper SCE17LG111

**Revision 1**

**Short Form**

**Southern California Edison**

**LED High-Bay and Low-Bay Fixtures**

**Introduction**

This short form workpaper (WP) documents the values adopted from PGE’s WP entitled “PGECOLTG178 R4-LED HighLowBay WP\_Mar2019”. SCE adopts all the values in PGECOLTG178 R4-LED HighLowBay WP\_Mar2019, with the following exceptions.

1. Added Ag and Ind Sector and relevant building types per SDG&E meeting with CPUC on 8/8/2018.

# Document Revision History

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| --- | --- | --- | --- |
| **Rev** | **Date** | **Author** | **Summary of Changes** |
| 0 | 05/30/2018 | Ajay Wadhera (SCE) | 1. Calculation templates were developed based on PGE’s template “PGECOLTG178 R3” and PEAR database measure definitions. 2. Added Ag and Ind Sector and relevant building types per SDG&E meeting with CPUC on 8/8/2018. |
| 1 | 06/19/2019 | Ajay Wadhera (SCE) | 1. Calculation templates were developed based on PGE’s template “PGECOLTG178 R4” measure definitions.  Added Ag and Ind Sector and relevant building types per SDG&E meeting with CPUC on 8/8/2018. |

**Measure Summary**

Table 1: Measure Summary Table

| **Section** | **Value** |
| --- | --- |
| **Summary & Purpose** | This short form workpaper documents ex-ante load impacts and cost-effectiveness values for LED High and Low Bay Fixtures. All measure definitions were adopted from the “*PGECOLTG178 R4-LED HighLowBay WP\_Mar2019”*. |
| **1.1 Measure & Baseline** | Please refer to Attachment #1 Calculation Templates for the list of measure solution codes. |
| **1.2 Technical Description** |  |
| **Measures** | No Difference |
| **Code for All Measures** | No Difference |
| **Requirements** | Please refer to PGECOLTG178 R4 workpaper for further details.   * The customer must be non-residential SCE electric customer.   Note: Other program level restrictions and guidelines exist for this work paper. Please see the **Programs Restrictions and Guidelines** section. |
| **1.3 Installation Type and Delivery Mechanisms** |  |
| **Installation Type** | NR |
| **Delivery Mechanisms** | Non-Residential:  Direct Install  Down-Stream Incentive - Deemed  Mid-Stream Incentive  In READi v2.5.1 and per resolution E-4952, the ExAnte field “Delivery Type” shows Mid-Stream Incentive as “UpDeemed”. |
| **1.4.1 DEER Data** |  |
| **Net-Gross-Ratio** | No Difference |
| **Effective and Remaining Useful Life** | No Difference |
| **Section 2. Calculation Methodology** |  |
| **Energy savings/Peak Demand Reduction – All Measures** | Savings come from the “*PGECOLTG178 R4-LED HighLowBay WP\_Mar2019”* for all applicable measure definitions adopted in this workpaper. |
| **Section 3. Load Shapes** | DEER:Indoor\_Non-CFL\_Ltg |
| **Section 4. Costs** |  |
| **Section 4.1 Base and Measure Costs** | Please refer to Attachment #1 Calculation Templates for detailed baseline and measure costs. |

**Attachments**

1. SCE17LG111.1 A1 – Calculation Templates\_Final