Work Paper SCE17LG118

**Revision 1**

**Short Form**

**Southern California Edison**

**LED Ambient Commercial Fixtures and Retrofit Kits**

**Introduction**

This short form workpaper documents (WP) the values adopted from PGE’s WP entitled “PGECOLTG179 R6 LED Ambient Com Fixt WP\_Mar2019”. SCE adopts all the methodology in PGECOLTG179 R6 LED Ambient Com Fixt WP\_Mar2019 with the exceptions noted below.

1. Added Ag and Ind sector to align with the proposed building type sectors in READi v2.5.1.

# Document Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Rev** | **Date** | **Author** | **Summary of Changes** |
| 0 | 11/02/2017 | Ajay Wadhera/SCE | 1. Calculation templates were developed based on PGE’s template “PGECOLTG179 R5-9-11-2015F”. |
| 1 | 06/19/2019 | Ajay Wadhera/SCE | 1. Calculation templates were developed based on PGE’s template “PGECOLTG179 R6”. |

**Measure Summary**

Table 1: Measure Summary Table

| **Section** | **Value** |
| --- | --- |
| **Summary & Purpose** | This short form work paper documents ex-ante load impacts and cost-effectiveness values for LED Ambient Commercial Fixtures and Retrofit Kits from “.PGECOLTG179 R6 LED Ambient Com Fixt WP\_Mar2019”. |
| **1.1 Measure & Baseline** | No difference |
| **1.2 Technical Description** |  |
| **Measures** | No difference |
| **Code for All Measures** | SCE Specific solution codes (See Attachment 1 for more details). |
| **Requirements** | No differences except customers are SCE territory wide. Please refer to “PGECOLTG179 R6 LED Ambient Com Fixt WP\_Mar2019” for more details. |
| **1.3 Installation Type and Delivery Mechanisms** |  |
| **Installation Type** | NR |
| **Delivery Mechanisms** | Non-Residential:   * Down-Stream Incentive – Deemed * Mid-Stream Incentive * Direct install   In READi v2.5.1 and per resolution E-4952, the ExAnte field “Delivery Type” shows Mid-Stream Incentive as “UpDeemed”.  Residential:   * Down-Stream Incentive – Deemed * Direct install |
| **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** | No difference in delta watt calculation except SCE uses climate zone specific IE and CDF values to calculate kWh and kW savings. |
| **Section 3. Load Shapes** | DEER:Indoor\_Non-CFL\_Ltg |
| **Section 4. Costs** | No difference |
| **Section 4.1 Base and Measure Costs** | No difference |

**Attachments**

1. A1 SCE17LG118.1 – Calculation Templates\_Final.zip