Work Paper SCE17LG134

**Revision 0**

**Short Form**

**Southern California Edison**

**LED Outdoor Area and Street Lighting**

**Introduction**

This short form workpaper (WP) documents the values adopted from PGE’s WP entitled “PGECOLTG151 R8 - LED Outdoor Lighting\_Final”. SCE adopts all the values in PGECOLTG151 R8 - LED Outdoor Lighting\_Final, with the following exceptions.

1. Added the Measure definitions and scaling provided by the CPUC in the PEAR database version 2.4.8.
2. Implemented all measures with NTG of 0.91 per CPUC disposition on May 7, 2018 and ID provided in the PEAR database.
3. 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 | 06/04/2018 | Ajay Wadhera (SCE) | 1. Calculation templates were developed based on PGE’s template “PGECOLTG151 R8 InterrimSolution EDReport” 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. |

**Measure Summary**

Table : Measure Summary Table

| **Section** | **Value** |
| --- | --- |
| **Summary & Purpose** | This short form workpaper documents ex-ante load impacts and cost-effectiveness values for LED Outdoor Area and Street Lighting. All measure definitions were adopted from the READi PEAR database version 2.4.7 as indicated in the May 7, 2018 disposition from CPUC. |
| **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 PGECOLTG151 R8 - LED Outdoor Lighting workpaper for further details.   * The customer must be commercial, agricultural, and industrial 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** | No Difference |
| **Delivery Mechanisms** | Non-Residential:  Direct Install  Down-Stream Incentive - Deemed  Mid-Stream Incentive |
| **1.4.1 DEER Data** |  |
| **Net-Gross-Ratio** | Com-Out-Ltg-LEDFixt = 0.91. |
| **Effective and Remaining Useful Life** | No Difference |
| **Section 2. Calculation Methodology** |  |
| **Energy savings/Peak Demand Reduction – All Measures** | Savings come from the READi PEAR database for all applicable measure definitions adopted in this workpaper. |
| **Section 3. Load Shapes** | Outdoor Lt |
| **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. SCE17LG134.0 A1 – Calculation Template\_Final
2. 2018OutdoorLightingPhase1-7May2018-Final.pdf