Short Form Work Paper WPSDGEREWH1012

**Revision 2.1**

**San Diego Gas & Electric**

**Energy Efficiency Engineering**

**Faucet Aerators for Bathroom/Kitchen Sinks in Residential Buildings**

**December 28, 2018**

**SDG&E Faucet Aerator for Bathroom/Kitchen Sinks in Residential Buildings**

## Introduction

This short form workpaper documents the supplemental update and creation of new implementation IDs to help alleviate post processing with SDG&E’s internal reporting systems by separating implementations that have certain NTGR and GSIA values for a specific building type.

This supplemental workpaper also includes the new Measure Application Types and Delivery Types starting 1/1/19, which are included in the supplemental implementation ex ante table. The Energy Impacts, Measure, and Measure Cost values and tables were not adjusted and do not trigger a new revision to this workpaper ID.

## Document Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Rev** | **Date** | **Author** | **Summary of Changes** |
| 0 | 06/18/2012 | Chan Paek, SCG | Original Workpaper |
| 0.1 | 06/27/2012 | Peter Ford (SDGE) | Adopted SCG Workpaper |
| 1 | 01/30/2014  06/19/2014 | Kyle Dunn/MWE2  Judelson Enriquez / RMS | Incorporates revisions per Energy Division Workpaper Disposition for Water Fixtures dated 2/22/2013  Revised calculation template to include Mark M.’s additional columns and remove CZ cost factors. |
| 2 | 12/6/17 | Keith Valenzuela/SDGE Contractor | Adopted SCE workpaper SCE17WP004.0 Faucet Aerator and Low Flow Showerhead |
| 2.1 | 12/28/18 | Kelvin Valenzuela/SDGE | -Updated existing and created new implementation IDs  -Added new Measure Application Types and Delivery Type for 1/1/19. |

## Measure Summary

Table 1: Measure Summary Table

| **Section** | **Value** |
| --- | --- |
| **Summary & Purpose** | This short form workpaper documents the supplemental update and creation of new implementation IDs to help alleviate post processing with SDG&E’s internal reporting systems by separating implementations that have certain NTGR and GSIA values for a specific building type.  This supplemental workpaper also includes the new Measure Application Types and Delivery Types starting 1/1/19, which are included in the supplemental implementation ex ante table. The Energy Impacts, Measure, and Measure Cost values and tables were not adjusted and do not trigger a new revision to this workpaper ID. Only table adjusted is the implementation table which is provided in the submitted ex ante tables. |
| **1.1 Measure & Baseline Data** | |
| **1.2 Technical Description** | No Change |
| Measures | Faucet Aerator Measures:  464090 – Lavatory Faucet Aerator (SFm and DMo Use Only)  465968 – Lavatory Faucet Aerator (MF Use Only)  Kitchen Faucet Aerator Measure:  421014 – Kitchen Faucet Aerator (SFm and DMo Use Only)  465967 – Kitchen Faucet Aerator (MF Use Only) |
| Code for All Measures | No Change |
| Requirements | No Change |
| **1.3 Installation Type and Delivery Mechanisms** | |
| Installation Type | Retrofit Add-On (REA)/Add-On Equipment (AOE) |
| Delivery Mechanisms | PreRebDown: 1/1/18 – 12/31/18  DnDeemed: 1/1/19 – no expiry yet  DirInstall: 1/1/18 – 12/31/18  DnDeemDI: 1/1/19 – no expiry yet |
| **1.4.1 DEER Data** | |
| Net-to-Gross Ratio | No Change |
| Effective and Remaining Useful Life | No Change |
| **Section 2. Calculation Methodology** | |
| Energy Savings/Peak Demand Reduction – All Measures | No Change |
| **Section 3. Load Shapes** | |
| Load Shape | No Change |
| **Section 4. Cost** | |
| **Section 4.1 Base and Measure Costs** | |
| Base Cost | No Change |
| Measure Cost | No Change |