

CALSLA DATA REQUEST
CALSLA-SDG&E-DR-02
SDG&E SECOND AMENDED GRC Phase 2 APPLICATION – A.15-04-012
SDG&E RESPONSE
DATE RECEIVED: MAY 18, 2016
DATE RESPONDED: JUNE 3, 2016

- 1) Please provide an updated Lighting Model in excel format that reflects the 2016 TY sales presented in the Direct Testimony of Ken Schiermeyer (Chapter 4) consistent with SDG&E's consolidated rate model.

SDG&E Response:

The non-distribution rates presented in the three Lighting Models, (Transmission, Public Purpose Programs, Nuclear Decommissioning, CTC, Local Generation Charge, Reliability Services, TRAC, Department of Water Resources Credit, Department of Water Resources Bond Charge and Commodity), are first developed in the previously provided file labeled "CONFIDENTIAL Consolidated Model GRC P2 - Revised Workpapers", and then identified in the "Inputs-General" tab of the Lighting Models. Since these rates are calculated in the "CONFIDENTIAL Consolidated Model GRC P2 - Revised Workpapers", they already reflect the 2016 TY sales.

For the distribution rates, the allocated streetlight distribution revenue requirement is first calculated in the "CONFIDENTIAL Consolidated Model GRC P2 - Revised Workpapers" file based upon the 2016TY sales and displayed on the "Distribution - Year 1" or "Distribution - Year 2" or "Distribution - Year 3" tabs. This figure is then identified in cell E23 on the "Inputs-General" tab of the Lighting Models and is used to derive the Streetlighting Equal Percent of Marginal Costs (EPMC) multiplier. The Lighting models also include cost studies based upon the number of lamps, which are then adjusted by the EPMC multiplier for each lamp's Distribution Demand and Customer Marginal costs. This figure is then added to each lamp's Facility Only Marginal costs and Maintenance Only Marginal costs to derive the Proposed Distribution rate for each lamp.

As such, an update is not required, as the previously provided files labeled "Lighting Model 2016 GRC P2 – Dec 1 2015 Filing – Year 1 – Revised", "Lighting Model 2016 GRC P2 – Dec 1 2015 Filing – Year 2 – Revised", and "Lighting Model 2016 GRC P2 – Dec 1 2015 Filing – Year 3 – Revised" (Lighting Model) already reflect proposed streetlighting rates based upon the 2016 TY sales presented in the Direct Testimony of Ken Schiermeyer (Chapter 4).

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- 2) What is the marginal customer cost for non-series lamps used in the 2016 TY Lighting Model?

SDG&E Response:

The marginal customer cost for non-series lamps used in the 2016 TY Lighting Model consists of two types of marginal costs: (1) transformer and services costs associated with the investment required to provide access to new lighting customers and (2) lighting related distribution O&M expenses and customer accounts & customer services costs. The “Demand&Customer MC” tab in the 2016 TY Lighting Model shows the calculation of these marginal customer costs. As shown in cell F29 on this tab, the total annual marginal customer cost per non-series lamp is \$16.25. This figure is derived in the workpaper file labeled “Chap 6 Dist Rev Alloc (C)” of William Saxe (Chapter 6).