

BLACK HILLS POWER, INC.
d/b/a BLACK HILLS ENERGY
EL17-026

REQUEST DATE : 06/29/17

RESPONSE DATE : 07/18/17

REQUESTING PARTY: Staff

SDPUC Request No. 1.7:

Refer to Exhibit A. Regarding the measures and incentives listed on page 12 for the C&I Prescriptive Program:

- a) Explain the changes to the qualifying measures offered compared to the 2014-2016 portfolio, including measures removed and added. Further expand upon the description provided on page 4 of the Company's Application.
- b) For the existing measures proposed to continue, explain all differences in the incentive amounts compared to the 2014-2016 portfolio.
- c) The Ceiling Mount Occupancy measure was removed pursuant to EL15-044. Explain why this measure is now included in the 2017-2019 portfolio. What factors are driving this measure to now be cost-effective?

Response to SDPUC Request No. 1.7:

- a) The Program was modeled mostly the same as the 2014-2016 portfolio, while taking into account actual program participation data,. However, for the Commercial and Industrial Lighting Program, a decision was made to make the C&I Lighting Programs similar to other Black Hills' owned electric utilities.
- b) A comparison of the two programs (Proposed VS Current) is attached.
- c) The new calculation uses a higher savings- Energy savings (622 kWh vs. 380 kWh) and Demand savings (0.69kW vs. .01kW). The new model utilizes the Illinois TRM.

Attachments:

Attachment 1.7b C&I Old vs New Prescriptive Program

Responder:

Don Martinez