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Xcel Energy

Docket No.: EL16-018

Response To: South Dakota Public
Utilities Commission

Data Request No. 2-11

Requestor: Darren Kearney

Date Received: November 2, 2016

Question:

Referring to Xcel's Response to Staff's DR 1-20, what is the assumption used for estimating the percentage of Residential Program lighting measures that will be applied in a commercial setting?

Response:

The Home Lighting program uses an assumption that the bulbs rebated by Xcel Energy will be used in the following manner:

- 94 percent in the residential setting; and
- 6 percent in the commercial setting.

This assumption is also used in the Xcel Energy Minnesota, Colorado and New Mexico Home Lighting programs. Originally, the assumption came from the 2009 CO Home Lighting evaluation, but was reaffirmed in the MN Home Lighting evaluation in 2012 and again in the CO Home Lighting evaluation in 2016. See page 36 of the Cadmus Home Lighting program evaluation, dated January 13, 2016, attached to this response as Attachment A.

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