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Xcel Energy

Docket No.: EL17-018

Response To: South Dakota Public
Utilities Commission

Data Request No. 1-1

Requestor: Joseph Rezac

Date Received: May 10, 2017

Question:

Refer to Attachment A

- a. Provide supporting calculations for Maintenance Savings
- b. Provide supporting calculations for System Allocation Cost Savings
- c. Provide supporting calculations for Incremental Capital Revenue Requirement
- d. Provide supporting calculations for Fuel Clause Savings Estimate

Response:

Included in Attachment A pages 1-3 are the summary workpapers.

- a. See pages 4 and 5 of Attachment A to this response for service order and relamp savings detail. Minnesota costs were used as a representative amount given the larger sample size.
- b. See page 6 of Attachment A for the demand savings. The savings level is based on North Dakota streetlighting demand costs. The Company has proposed lower demand cost allocations to the Street Lighting class in more recent Minnesota and North Dakota rate cases since the Company completed its most recent rate case in South Dakota. Therefore, the lower North Dakota demand cost allocation amount was provided as a conservative measure in lieu of the higher South Dakota demand cost allocation to be more representative of future avoided demand costs in South Dakota. Page 7 of Attachment A details the demand allocation amount to the street lighting class from the last South Dakota rate case for comparison purposes. Also, see page 7 of for the total energy and non-fuel energy system allocation costs and page 8 for the base cost of energy supporting detail.

- c. See page 9 of Attachment A for the levelized annual revenue requirement model to support incremental capital revenue requirement.
- d. See page 10 for the March Monthly Fuel Cost Summary for South Dakota.

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