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Xcel Energy

Data Request No. 1-14

Docket No.: EL20-026

Response To: South Dakota Public Utilities Commission

Requestor: Patrick Steffensen

Date Received: October 27, 2020

Question:

Refer to Figure 1 on page 2 of Attachment 9A. What caused the large increase in net savings in the year 2044 followed by the large decrease in 2045? Did expiration of PTCs cause the large swing from net savings to net cost in 2035?

Response:

Figure 1 relied on the Strategist modeling to provide an annual comparison of costs between a scenario where Dakota Range is added to our system to a base scenario that does not include the addition of Dakota Range. The large increase in net savings in 2044 is due to the deferral of a CC addition by one year (from 2044 to 2045) in the modeling due to the addition of Dakota Range. The increase in costs in 2035 is also due to the difference in the capacity expansion plans in each scenario. The addition of Dakota Range defers a CC from 2032 to 2035. This results in savings in the Dakota Range case from 2032 to 2035 (after the PTC expires in 2032). A breakdown of the expected savings by year is included as Attachment A.

Preparer: Chris Shaw

Title: Manager, Regulatory Policy

Department: NSPM Regulatory

Telephone: 612-330-7974

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