

- Not Public Document – Not For Public Disclosure
- Public Document – Not Public Data Has Been Excised
- Public Document

Xcel Energy Data Request No. 2-5
Docket No.: EL21-014
Response To: South Dakota Public Utilities Commission
Requestor: Brittany Mehlhaff
Date Received: September 3, 2021

Question:

Page 12 of the Company’s application states that the Residential “Saver’s Switch and AC Rewards products had one control event in 2020. The Company continues to plan for the execution of a minimum of one control event per year.”

- a) Provide the number of hours associated with the one control event.
- b) What load conditions would result in Xcel controlling customer air conditioning and/or water heating load for more than the one required MISO event per year? How close has Xcel come to reaching these conditions in the past 5 years?

Response:

- a) The Saver’s Switch control event lasted for two hours. The AC Rewards control event lasted for four hours.
- b) Residential Saver’s Switch and AC Rewards can be activated to reduce customer demand under different scenarios:
 - 1. If the Company is directed to do so by MISO to help maintain grid stability in the MISO territory as whole.
 - 2. If, in the company’s opinion, the reliability of our system is endangered. The need can be identified by Commercial Operations, Transmission, or Distribution. Reliability of the system could mean many things and take different circumstances and is not tied to a specific level of demand. In general, if there is a large concern about meeting firm load obligations with expected capacity, the company can call on these programs to preserve firm load and may call on these programs prior to the imminent loss of firm loads. In the past five years, the company has only activated the program annually for test purposes. With a dynamic criteria for justification of a control event, it is not possible to quantify how many times we have been close in the past five years.

3. For some of the Company's demand management programs, we do have the option to curtail for economic purposes. In the past five years we have not done so.

Preparer: Patrik Ronnings
Title: Sr Product Portfolio Manager
Department: Demand Management
Telephone: 612.330.5787
Date: September 21, 2021