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Xcel Energy

Docket No.: EL16-018

Response To: South Dakota Public  
Utilities Commission

Data Request No. 2-8

Requestor: Darren Kearney

Date Received: November 2, 2016

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Question:

What impact would there be on the Total Residential program benefit/cost tests and Total Portfolio benefit/cost tests if Residential Ground Source Heat Pumps were not included in the DSM Plan for 2017?

Response:

Benefit/Cost tests are impacted by the program net benefits. The 2017 Ground Source Heat Pump (GSHP) program is forecasted with (\$50,157) in net benefits. The entire 2017 Residential segment is estimated to have \$463,371 in net benefits from all programs, including GSHPs.

If the GSHP program was completely removed from the portfolio, the Residential segment would see an increase of \$50,157 in net benefits along with a slightly higher TRC test score. Moreover, if the program was removed, but spend was reallocated to other programs, the change in net benefits would be larger as the residential segment generates \$1.50 in net benefits for every dollar spent in project administration by Xcel Energy.

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Date: November 10, 2016