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Xcel Energy Data Request No. 2-12

Docket No.: EL25-020

Response To: South Dakota Public Utilities Commission

Requestor: Eric Paulson

Date Received: October 1, 2025

Question:

Refer to DR1-15, provide an estimated average cost for a replacement DX unit for each level of rebate provided in the chart.

Response:

The Company does not have replacement cost data; instead, we utilize incremental cost per ton. When a customer is replacing a system at the end of its life, we provide incentives/rebates to alleviate the added cost of purchasing and installing a unit above code baseline. The incremental cost (\$/ton) for each tier are outlined below.

Measure	Baseline size	Incremental Cost	Incremental Cost
	tons	\$/ton	
DX Units < 5.4 tons	3.72	\$165.00	\$613
DX Units 5.4 - 11.3 tons	8.06	\$150.00	\$1,208
DX Units 11.4 - 19.9 tons	14.70	\$140.00	\$2,058
DX Units 20 - 63.3 tons	26.69	\$125.00	\$3,336
DX Units ≥ 63.3 tons	95.68	\$110.00	\$10,525

Note: The incremental cost per ton is based on the TRM from Minnesota. This is the TRM's reference: 7. *Based on a review of TRM incremental cost assumptions from Vermont, Wisconsin, and California. This assumes that baseline shift from IECC 2006 to IECC 2009 carries the same incremental costs.*

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