

South Dakota Public Utilities Commission
Docket GE16-004
MidAmerican Energy Company
First Data Request

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1-4 South Dakota Data Request

Please provide an update on the status of the 2016 Ground Source Heat Pump, Residential Furnace, and Nonresidential furnace programs. Please include the number of participants to date, the total energy savings to date, total program costs to date, and the TRC score for the programs to date. Also include expected year end numbers.

Response:

Through November 2016:

Measure	Units	Savings (kWh/Therm)	Peak Savings (KW/Peak Therm)	Incentives	TRC Score
GSHP	16	206,341	34.32	\$42,200	1.74
Res Furnace	1,618	223,836	2,910.79	\$485,400	1.52
Nonres Furnace	123	45,755	614.80	\$69,730	1.41

DR 1-4 Attachment Pages [Tabs] 1 through 3 contain the individual calculation sheets for each measure listed above.

If historical patterns of December activity continue, MidAmerican expects that the following table is a reasonable estimate:

Measure	Units	Savings (kWh/Therm)	Peak Savings (KW/Peak Therm)	Incentives	TRC Score
GSHP	22	283,718	47.19	\$58,025	1.91
Res Furnace	1,812	250,674	3,259.50	\$543,600	1.52
Nonres Furnace	152	56,543	759.8	\$86,170	1.43

DR 1-4 Attachment Pages [Tabs] 4 through 6 contain the individual calculation sheets for each measure listed above.

At the time of filing, MidAmerican estimated 16 Ground Source Heat Pumps, 1,692 residential furnaces and 152 nonresidential furnaces using data through October. The table above reflects our most current estimate.