

South Dakota Public Utilities Commission
Docket GE17-002
MidAmerican Energy Company
First Data Request

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1-1 South Dakota Data Request

Please explain why ground source heat pumps were removed from the 2018-2022 plan.

Response:

Using the calculation methods from the Iowa TRM, adjusted for South Dakota climate conditions and MidAmerican's electric avoided energy and capacity cost, ground source heat pumps are no longer cost effective. The TRC score for ground source heat pumps is 0.46.