

South Dakota Public Utilities Commission
Docket GE16-001
MidAmerican Energy Company
Second Data Request

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2-1 South Dakota Data Request

With regards to the benefit/cost tests provided in Exhibit D and response to Staff DR 1-4, please provide the avoided capacity (Generation, Transmission, and Distribution) and energy cost assumptions used to complete the benefit/cost calculations for both electric and natural gas measures.

Response:

The avoided capacity costs used for cost effectiveness are those used in the development of the plan and are included in the tables below:

Avoided Capacity Cost (\$/kW)

| | <u>\$/kW</u> | <u>Escalator</u> |
|--------------|--------------|------------------|
| Generation | \$ 95.21 | 2.50% |
| Transmission | \$ 13.75 | 2.50% |
| Distribution | \$ 34.91 | 2.50% |

Avoided Capacity Cost (\$/Peak Day Therm)

| | <u>\$/therm</u> | <u>Escalator</u> |
|--------------|-----------------|------------------|
| Production | \$ 10.39 | 0.00% |
| Transmission | \$ - | 0.00% |
| Distribution | \$ - | 0.00% |

The electric hourly avoided energy costs are included as Confidential Attachment 2-1E and the gas daily avoided energy costs are included as Confidential Attachment 2-1G. These are the same avoided costs used to develop the plan filing.