

South Dakota Public Utilities Commission
Docket EL16-023
MidAmerican Energy Company
Data Request No. 1-2

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1-2) In addition to the difference discussed above, explain other factors impacting the decrease in energy credits from the current rates to the proposed rates.

Response:

Changes in the cogeneration energy rates are affected by a number of factors. These factors include changes in system loads, the hourly variations of those loads, the type of generation used in the particular hour based on the MISO market simulation, operating costs of that generation, operating characteristics of generating units and limitations on the dispatch of the generation. MidAmerican's costs are based on current generating units, forecasts of fuel, variable operation and maintenance costs and projected cost of purchases. The generating unit operating characteristics are based on the historical parameters for MW upper and lower limits, ramp rates and heat rate characteristics. A summary of these inputs are provided in response to Question 1.4.