

Docket Number: EL25-013
Subject Matter: First Data Request
Request to: NorthWestern Energy Public Service Corporation dba NorthWestern Energy (NorthWestern or Company)
Request from: South Dakota Public Utilities Commission Staff
Date of Request: May 1, 2025
Responses Due: May 15, 2025

Aberdeen Generation Station

- 1-6. Provide the options (type of resource and costs) resulting from the January 2024 RFP issued for on-site replacement generation. Provide justification for the two modular natural gas combustion turbines selected.

NWE Response:

The Shortlist of 3 Suppliers (General Electric ("GE"), Mitsubishi Power ("MP") and Solar Turbines ("STI")) were all natural gas fired combustion turbine generator sets. The Scoring Matrix implemented included the following categories: Price, Commercial Adherence, Safety Record, Project Experience, Operations and Maintenance Support, and Technical Adherence to the Specification to Build. Overall, STI offering scored at 88.4%, while GE scored 76.3% and MP scored 54.3%. In addition, STI installed cost and total lifecycle costs were lower than the other suppliers, which ultimately led NorthWestern to conclude its selection was the prudent choice for our customers.