



The Empire District Electric Company d/b/a Liberty
Case No. EA-2025-0299
Office Public Counsel Data Request - 8509

Data Request Received: 2026-02-02
Request No. 8509
Submitted by: John Robinett, John.Robinett@opc.mo.gov

Response Date: 2026-02-23
Witness/Respondent: Shaen Rooney

REQUEST:

When did Liberty determine the size of the combustion turbine unit?

RESPONSE:

Liberty determined the capacity of the combustion turbine unit to be proposed in early August 2025.



The Empire District Electric Company d/b/a Liberty

Case No. EA-2025-0299

Office Public Counsel Data Request - 8533

Data Request Received: **2026-04-02**

Request No. 8533

Submitted by: John Robinett, John.Robinett@opc.mo.gov

Response Date: 2026-04-14

Witness/Respondent: Shaen Rooney

REQUEST:

Did the turbine manufacturer that Liberty first excluded discussed on page 4 of supplemental direct testimony have other sized turbines that Liberty could have entered into a reservation agreement for (i.e. a J Class turbine)?

RESPONSE:

Liberty did not inquire with that manufacturer about the availability of turbines other than the class selected for the project.



The Empire District Electric Company d/b/a Liberty
Case No. EA-2025-0299
Office Public Counsel Data Request - 8522

Data Request Received: 2026-02-20
Request No. 8522
Submitted by: John Robinett, John.Robinett@opc.mo.gov

Response Date: 2026-03-11
Witness/Respondent: Shaen Rooney

REQUEST:

Did Liberty limit the potential units studied? If so, please identify all factor(s) that limited the potential units studied, including but not limited to availability.

RESPONSE:

Liberty did not impose limits on the potential units studied based on availability or vendor-specific considerations. The study parameters were defined by the Company's planning requirements. Liberty focused on natural-gas-fired simple-cycle turbines with liquid-fuel backup capability and an initial capacity target of approximately 240 MW to reflect the preferred plan in the 2025 IRP. Once it became clear that ERAS eligibility permitted a larger installation, Liberty expanded the analysis to include a J-class turbine to determine whether a higher-capacity unit could provide cost efficiencies or support earlier deployment of the second gas resource identified in the IRP.



The Empire District Electric Company d/b/a Liberty

Case No. EA-2025-0299

Office Public Counsel Data Request - 8530

Data Request Received: **2026-04-02**

Response Date: 2026-04-14

Request No. 8530

Witness/Respondent: Shaen Rooney

Submitted by: John Robinett, John.Robinett@opc.mo.gov

REQUEST:

As part of its decision on which technology to go forward with in this Certificate of Convenience and Necessity ("CCN") case, did Liberty receive estimates/bids for the cost of a J Class turbine?

RESPONSE:

An estimate for a J-class turbine was included in the Technology Assessment (attached as Schedule SR-3 to the direct testimony of Company witness Shaen Rooney). The Company did not request budgetary proposals for supply of a J-class turbine, as the F-class turbine was the most cost-effective generator to meet the Company's capacity need as identified in its 2025 IRP Preferred Plan.