

**PUBLIC DOCUMENT –
NOT-PUBLIC DATA HAS BEEN EXCISED**

- Not-Public Document – Not For Public Disclosure
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Xcel Energy Information Request No. 56
 Docket No.: E002/M-13-867 CORRECTED
 Response To: Minnesota Public Utilities Commission
 Requestor: Jacob Strauss
 Date Received: January 24, 2024

Question:

Please provide the comparative average price per MWh for the generation resources on the system, including but not limited to:

- ARR CSGs
- 2017 VOS CSGs
- Rooftop Solar
- Utility Scale Solar
- Wind
- Nuclear
- Coal
- Natural Gas CC
- Natural Gas CT

Explain the method and assumptions used to produce the calculations.

Response:

Generation Type Comparative Average Price per MWh

Generation Type	Cost per MWh	Source
ARR CSGs	\$156.09	2024 ARR Filing Rates (Average based Q3 2023 capacity subscription percentages)
2017 VOS GSGs	\$113.88	Estimated based on Commercial Operation Date Start
Rooftop Solar	\$149.03	2024 A50 - Non-Demand Rate
	[Protected data begins]	
Utility Scale Solar	█	2024 Fuel Forecast
Wind	█	2024 IRP (Fuel, PPA, Variable & Fixed O&M, CapEx Revenue Requirement)
Nuclear	█	2024 IRP (Fuel, PPA, Variable & Fixed O&M, CapEx Revenue Requirement)
	Protected data ends]	

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Generation Type	Cost per MWh	Source
	[Protected data begins]	
Coal	■	2024 IRP (Fuel, PPA, Variable & Fixed O&M, CapEx Revenue Requirement)
Natural Gas CC	■	2024 IRP (Fuel, PPA, Variable & Fixed O&M, CapEx Revenue Requirement)
Natural Gas CT	■	2024 IRP (Fuel, PPA, Variable & Fixed O&M, CapEx Revenue Requirement)
Biomass	■	2024 IRP (Fuel, PPA, Variable & Fixed O&M, CapEx Revenue Requirement)
Hydro	■	2024 IRP (Fuel, PPA, Variable & Fixed O&M, CapEx Revenue Requirement)
	Protected data ends]	

Correction:

The information marked as “Not-Public” or Protected is designated as Trade Secret data pursuant to Minn. Stat. § 13.37(1)(b). The information contains sensitive forecasted production and load location data that derives an independent economic value from not being generally known or readily ascertainable by others who could obtain a financial advantage from their use. Thus, Xcel Energy maintains this information as a trade secret pursuant to Minn. Rule 7829.0500, subp 2.

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 Date: February 2, 2024