

2023 Generation Mix for South Dakota Utilities¹

Utility	Coal	Hydro	Nuclear	Wind	Gas	Oil	Biomass	Solid Waste	Solar	Waste Heat	Purchases ³	Other
Investor-Owned Utilities												
Black Hills Energy	73.63%	0.00%	0.00%	10.25%	11.10%	0.00%	0.00%	0.00%	4.25%	0.00%	0.77%	0.00%
MidAmerican Energy	22.27%	0.05%	8.47%	54.17%	0.56%	4.88%	0.00%	0.00%	0.00%	0.00%	9.60%	0.00%
Montana-Dakota Utilities	30.48%	0.00%	0.00%	18.92%	1.62%	0.00%	0.00%	0.00%	0.00%	1.15%	47.83%	0.00%
NorthWestern Energy	41.45%	0.00%	0.00%	32.68%	7.77%	0.00%	0.00%	0.00%	0.00%	0.00%	18.10%	0.00%
Otter Tail Power	26.58%	0.64%	0.00%	21.91%	7.32%	0.00%	0.00%	0.00%	0.61%	0.00%	42.94%	0.00%
Xcel Energy	12.73%	5.93%	23.59%	29.37%	22.61%	0.03%	1.09%	0.42%	4.24%	0.00%	0.00%	0.00%
Municipal Utilities												
Heartland Consumers Power District	30.45%	58.34%	0.00%	11.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Missouri River Energy Services	19.87%	40.76%	5.53%	3.65%	4.73%	0.12%	0.00%	0.00%	0.04%	0.00%	25.31%	0.00%
Cooperatives												
East River Electric	36.10%	14.70%	0.00%	14.90%	8.40%	0.00%	0.00%	0.00%	0.00%	0.50%	25.40%	0.00%
Rushmore Electric	37.20%	12.30%	0.00%	15.30%	8.70%	0.00%	0.00%	0.00%	0.00%	0.60%	25.90%	0.00%
Grand Electric	42.10%	0.60%	0.00%	17.40%	9.80%	0.00%	0.00%	0.00%	0.00%	0.60%	29.50%	0.00%
Rosebud Electric	16.50%	60.95%	0.00%	6.84%	3.89%	0.01%	0.00%	0.00%	0.00%	0.22%	11.59%	0.00%
Public Power												
Nebraska Public Power District	30.10%	6.40%	42.30%	7.40%	3.30%	0.00%	0.00%	0.00%	0.20%	0.00%	10.30%	0.00%
South Dakota²	36.13%	12.28%	4.56%	18.75%	10.09%	0.12%	0.18%	0.07%	1.32%	0.21%	16.30%	0.00%

1) Based on PUC survey of SD Electric Utilities and represents the 2023 energy mix (not capacity).

2) South Dakota weighted average based on retail sales.

3) Purchases not included in the table if the utility's generation mix had accounted for purchased power in the specific resource type.