

## 2018 Generation Mix for South Dakota Utilities<sup>1</sup>

Utility	Coal	Hydro	Nuclear	Wind	Gas	Oil	Biomass	Solid Waste	Solar	Waste Heat	Purchases <sup>3</sup>	Other
<b>Investor-Owned Utilities</b>												
Black Hills Energy	81.11%	0.00%	0.00%	5.12%	6.87%	0.00%	0.00%	0.00%	0.00%	0.00%	6.90%	0.00%
MidAmerican Energy	44.00%	0.00%	10.80%	33.40%	1.80%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%
Montana-Dakota Utilities	60.00%	0.00%	0.00%	16.10%	0.46%	0.00%	0.00%	0.00%	0.00%	1.33%	22.11%	0.00%
NorthWestern Energy	74.99%	0.00%	0.00%	21.18%	3.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Otter Tail Power	55.00%	1.00%	0.00%	16.00%	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.00%	0.00%
Xcel Energy	28.80%	5.80%	29.60%	16.40%	15.00%	0.10%	2.00%	0.20%	2.10%	0.00%	0.00%	0.00%
<b>Municipal Utilities</b>												
Heartland Consumers Power District	21.10%	59.83%	0.00%	6.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.35%	0.00%
Missouri River Energy Services	15.12%	37.46%	5.66%	4.84%	1.66%	0.00%	0.00%	0.00%	0.04%	0.00%	35.23%	0.00%
<b>Cooperatives</b>												
East River Electric	43.04%	17.34%	1.89%	19.04%	8.03%	0.00%	0.00%	0.00%	0.00%	1.17%	9.49%	0.00%
Rushmore Electric	54.50%	14.10%	1.40%	15.20%	4.30%	0.10%	0.00%	0.00%	0.00%	1.00%	9.40%	0.00%
Grand Electric	62.04%	0.67%	1.50%	15.15%	6.39%	0.00%	0.00%	0.00%	0.00%	0.93%	13.32%	0.00%
Rosebud Electric	24.05%	62.20%	0.50%	5.73%	2.38%	0.00%	0.00%	0.00%	0.00%	0.11%	5.03%	0.00%
Butte Electric	54.50%	14.10%	1.40%	15.20%	4.30%	0.10%	0.00%	0.00%	0.00%	1.00%	9.40%	0.00%
<b>South Dakota<sup>2</sup></b>	<b>47.43%</b>	<b>13.57%</b>	<b>6.37%</b>	<b>15.12%</b>	<b>6.75%</b>	<b>0.03%</b>	<b>0.34%</b>	<b>0.03%</b>	<b>0.36%</b>	<b>0.45%</b>	<b>9.55%</b>	<b>0.00%</b>

1) Based on PUC survey of SD Electric Utilities and represents the 2018 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.