

## 2019 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                 | 74.75%        | 0.00%         | 0.00%        | 4.95%         | 13.65%       | 0.00%        | 0.00%        | 0.00%        | 0.00%        | 0.00%        | 6.65%                  | 0.00%        |
| MidAmerican Energy                 | 35.70%        | 0.00%         | 11.30%       | 42.90%        | 1.30%        | 0.00%        | 0.00%        | 0.00%        | 0.00%        | 0.00%        | 8.80%                  | 0.00%        |
| Montana-Dakota Utilities           | 54.87%        | 0.00%         | 0.00%        | 20.53%        | 0.25%        | 0.00%        | 0.00%        | 0.00%        | 0.00%        | 1.25%        | 23.10%                 | 0.00%        |
| NorthWestern Energy                | 48.70%        | 0.00%         | 0.00%        | 35.40%        | 2.60%        | 0.10%        | 0.00%        | 0.00%        | 0.00%        | 0.00%        | 13.20%                 | 0.01%        |
| Otter Tail Power                   | 45.93%        | 1.09%         | 0.00%        | 15.32%        | 0.72%        | 0.00%        | 0.00%        | 0.00%        | 0.01%        | 0.00%        | 36.93%                 | 0.00%        |
| Xcel Energy                        | 22.89%        | 5.99%         | 28.25%       | 15.34%        | 22.67%       | 0.08%        | 1.46%        | 0.22%        | 2.99%        | 0.00%        | 0.10%                  | 0.00%        |
| <b>Municipal Utilities</b>         |               |               |              |               |              |              |              |              |              |              |                        |              |
| Heartland Consumers Power District | 21.92%        | 59.10%        | 0.00%        | 6.91%         | 0.00%        | 0.00%        | 0.00%        | 0.00%        | 0.00%        | 0.00%        | 12.07%                 | 0.00%        |
| Missouri River Energy Services     | 13.66%        | 38.70%        | 5.68%        | 4.69%         | 2.11%        | 0.05%        | 0.00%        | 0.00%        | 0.04%        | 0.00%        | 35.07%                 | 0.00%        |
| <b>Cooperatives</b>                |               |               |              |               |              |              |              |              |              |              |                        |              |
| East River Electric                | 43.31%        | 17.47%        | 2.26%        | 20.09%        | 10.08%       | 0.03%        | 0.00%        | 0.00%        | 0.00%        | 1.17%        | 5.58%                  | 0.00%        |
| Rushmore Electric                  | 48.10%        | 13.90%        | 1.50%        | 13.10%        | 6.60%        | 0.00%        | 0.00%        | 0.00%        | 0.00%        | 0.80%        | 16.00%                 | 0.00%        |
| Grand Electric                     | 55.49%        | 0.67%         | 1.71%        | 15.15%        | 7.60%        | 0.02%        | 0.00%        | 0.00%        | 0.00%        | 0.88%        | 18.48%                 | 0.00%        |
| Rosebud Electric                   | 22.37%        | 59.88%        | 0.69%        | 6.12%         | 3.06%        | 0.08%        | 0.00%        | 0.00%        | 0.00%        | 0.35%        | 7.45%                  | 0.00%        |
| Butte Electric                     | 48.10%        | 13.90%        | 1.50%        | 13.10%        | 6.60%        | 0.00%        | 0.00%        | 0.00%        | 0.00%        | 0.80%        | 16.00%                 | 0.00%        |
| <b>South Dakota<sup>2</sup></b>    | <b>42.18%</b> | <b>13.15%</b> | <b>6.05%</b> | <b>16.76%</b> | <b>9.59%</b> | <b>0.04%</b> | <b>0.24%</b> | <b>0.04%</b> | <b>0.49%</b> | <b>0.41%</b> | <b>11.06%</b>          | <b>0.00%</b> |

1) Based on PUC survey of SD Electric Utilities and represents the 2019 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.