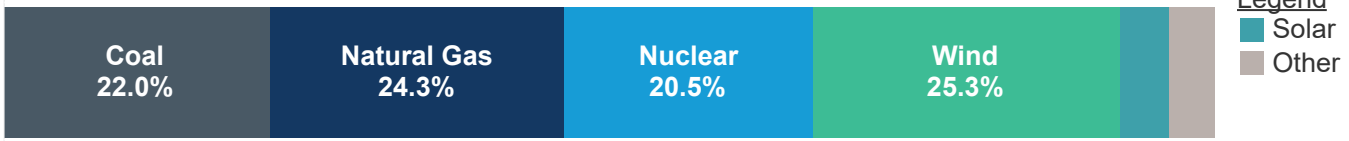


**STATE ENERGY PROFILE**

Sources of electricity in Minnesota



**1,050**

High-paying, reliable jobs provided by Minnesota's nuclear plants

**40.2%**

Nuclear's share of Minnesota's carbon-free electricity, complementing wind and solar

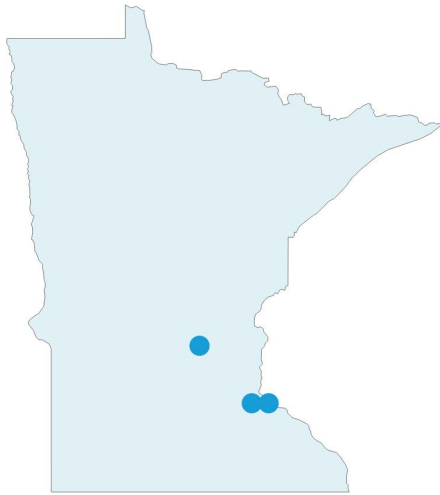
**State Carbon Goals**

100% carbon-free electricity by 2040

**Utility Carbon Goals**

- Minnesota Power
- Otter Tail Power
- Southern Minnesota Muni.
- Xcel Energy

**NUCLEAR PLANTS**



**93.6%**

Capacity factor of nuclear plants in Minnesota from 2021 to 2023

**8.3 million**

Metric tons of carbon emissions avoided by nuclear energy in Minnesota

**1.3 million**

Number of homes powered by nuclear energy in Minnesota

**Nuclear News**

The Minnesota legislature passed a 100% Clean Energy Standard in 2023 and introduced a bill to require a nuclear feasibility study in April 2024.

U.S. Congress supports nuclear & other clean energy in the 2021 Bipartisan Infrastructure Law and 2022 Inflation Reduction Act.

Xcel Energy is pursuing license extensions for Monticello and Prairie Island nuclear plants for 20 additional years of reliable, carbon-free electricity.

**REACTOR DETAILS**

Reactor Name	County	Majority Owner(s)	Capacity (MW)	Capacity Factor (%)	License End Year
Monticello 1	Wright	Xcel Energy	617	94.7%	2030
Prairie Island 1	Goodhue	Xcel Energy	521	94.5%	2033
Prairie Island 2	Goodhue	Xcel Energy	519	91.2%	2034

**NUCLEAR POWER ACROSS THE U.S.**



**94**  
reactors

**53**  
plants

**28**  
states

**45.5%**

share of carbon-free electricity generated by nuclear energy

**437M**

metric tons of carbon emissions avoided in 2023

**250,000**

well-paying, sustainable direct and indirect jobs in the nuclear industry

**93.0%**

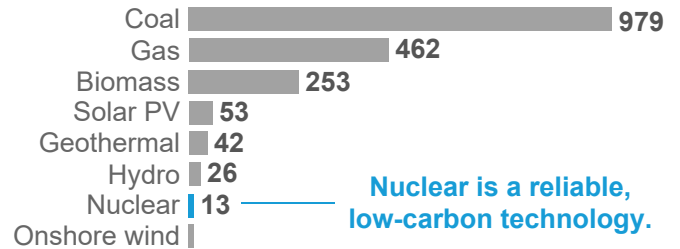
capacity factor of U.S. nuclear plants in 2023 as a reliable electricity source

**U.S. GENERATION BY FUEL SOURCE 2023**



**COMPARISON OF LIFECYCLE EMISSIONS**

Tons of Carbon Dioxide Equivalent per Gigawatt-Hour



**Nuclear is a reliable, low-carbon technology.**

**5**

uranium pellets generate a household's annual electricity, compared to 5 tons of coal

