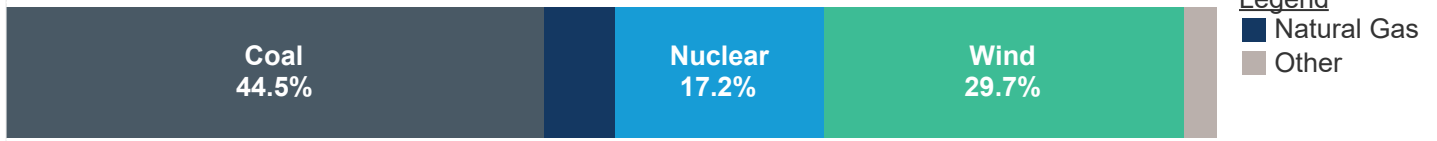


**STATE ENERGY PROFILE**

Sources of electricity in Nebraska



**700**

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

**34.9%**

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

**State Carbon Goals**

Net zero carbon emissions by 2040 for Lincoln Electric System and by 2050 for NPPD and OPPD

**Utility Carbon Goals**

Lincoln Electric  
Nebraska Public Power Dis  
Omaha Public Power Dist.

**NUCLEAR PLANTS**



**96.0%**

Capacity factor of nuclear plants in Nebraska from 2021 to 2023

**6.1 million**

Metric tons of carbon emissions avoided by nuclear energy in Nebraska

**553,000**

Number of homes powered by nuclear energy in Nebraska

**Nuclear News**

The Nebraska legislature passed new nuclear tax incentives in 2021 and approved funding for an SMR feasibility study in 2022.

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

**REACTOR DETAILS**

Reactor Name	County	Majority Owner(s)	Capacity (MW)	Capacity Factor (%)	License End Year
Cooper	Nemaha	NPPD	770	96.0%	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

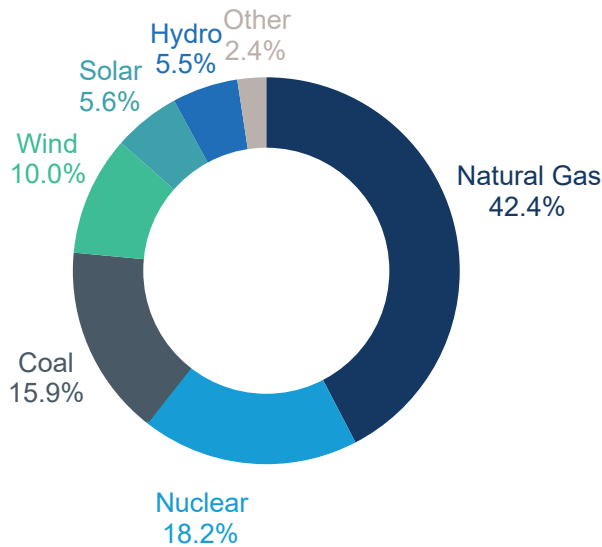
**250,000**

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

**93.0%**

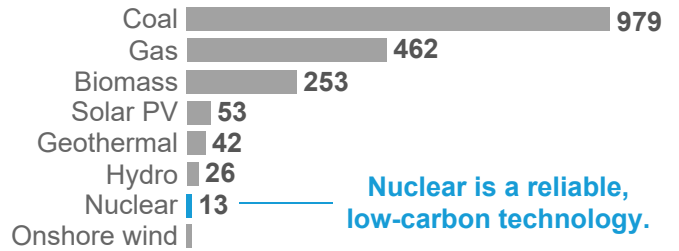
capacity factor of U.S. nuclear plants in 2023 as a reliable electricity source

**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

