NUCLEAR ENERGY INSTITUTE

NUCLEAR ENERGY FACT SHEET 2024

Wisconsin

STATE ENERGY PROFILE

Sources of electricity in Wisconsin

Legend

Coal	Natural Gas	Nuclear	Other
32.4%	43.4%	14.9%	9.3%

650

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

66.6%

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

State Carbon Goals

100% carbon-free electricity by 2050

Utility Carbon Goals

Alliant Energy
Madison Gas & Electric
WEC Energy Group
Xcel Energy

NUCLEAR PLANTS

94.6%

Capacity factor of nuclear plants in Wisconsin from 2021 to 2023

6.4 million

Metric tons of carbon emissions avoided by nuclear energy in Wisconsin

1.2 million

Number of homes powered by nuclear energy in Wisconsin

Nuclear News

The subsequent license renewal application for Point Beach 1 & 2 is under review by the U.S. Nuclear Regulatory Commission.

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

Wisconsin repealed their nuclear moratorium in 2016.

REACTOR DETAILS

Reactor Name	County	Majority Owner(s)	Capacity (MW)	Capacity Factor (%)	License End Year
Point Beach 1	Manitowoc	NextEra	595	94.3%	2030
Point Beach 2	Manitowoc	NextEra	601	95.0%	2033

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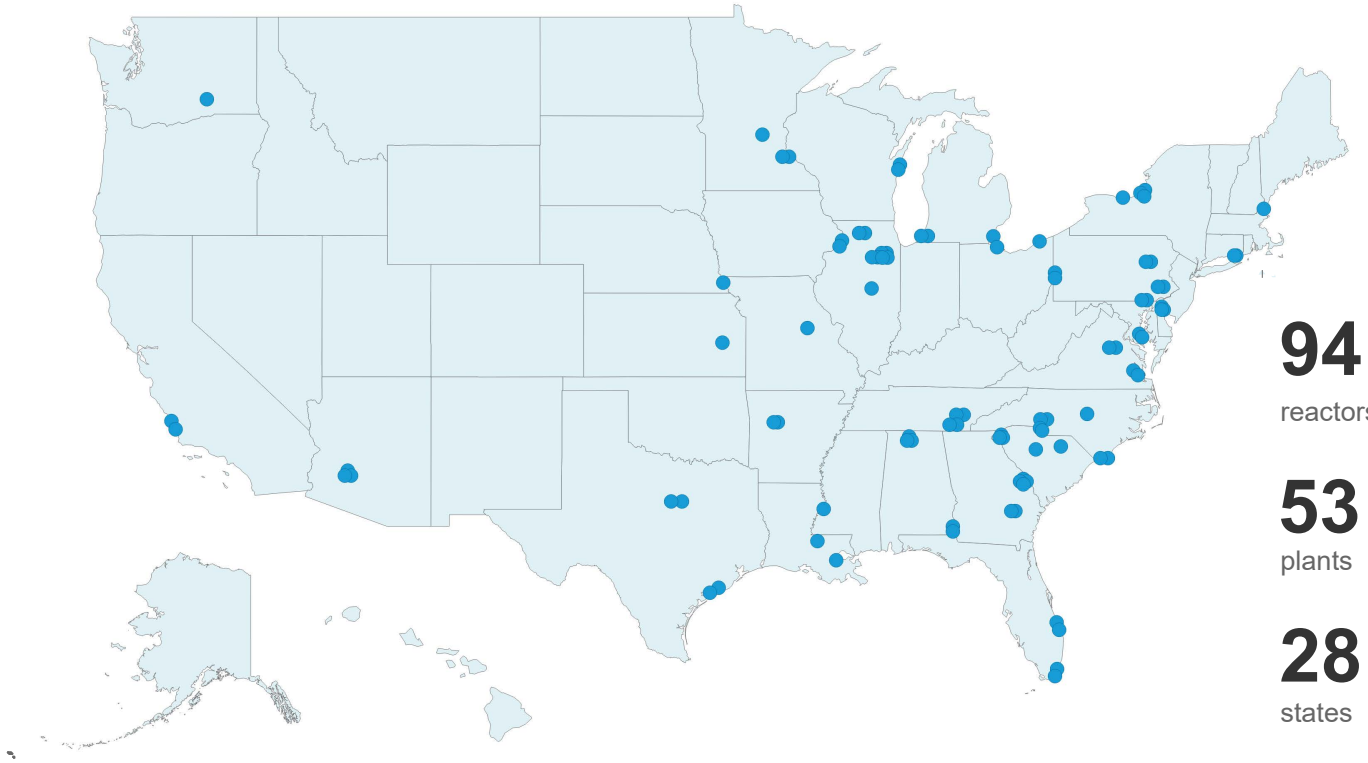
United States

NUCLEAR POWER ACROSS THE U.S.



94 reactors

53 plants

28 states

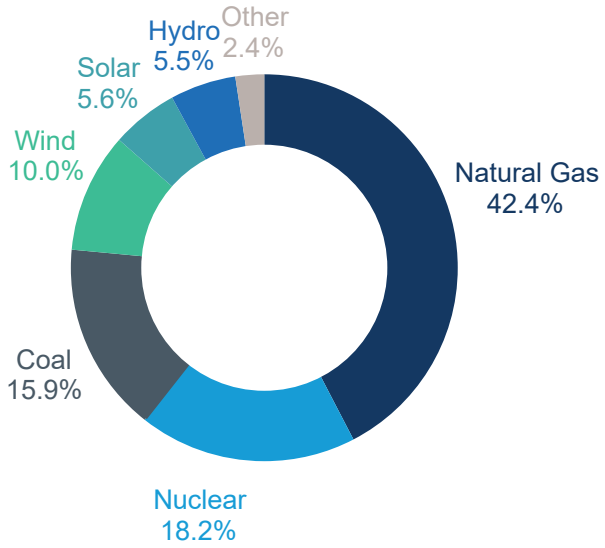
45.5%
share of carbon-free electricity generated by nuclear energy

437M
metric tons of carbon emissions avoided in 2023

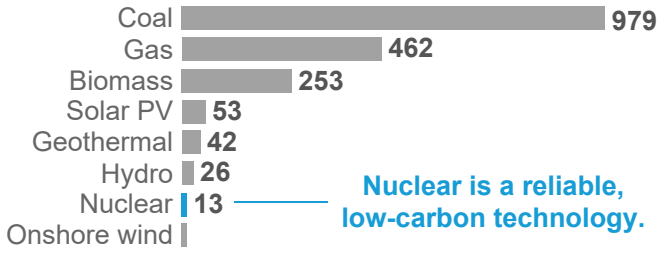
250,000
well-paying, sustainable direct and indirect jobs in the nuclear industry

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



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