




STATE ENERGY PROFILE

Sources of electricity in New Hampshire



Legend

-  Biomass
-  Hydro
-  Other

500

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

82.8%

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

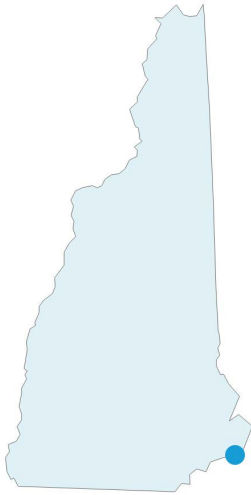
State Carbon Goals

None

Utility Carbon Goals

- Eversource
- Liberty Utilities
- Unitil

NUCLEAR PLANTS



92.4%

Capacity factor of nuclear plants in New Hampshire from 2021 to 2023

6.4 million

Metric tons of carbon emissions avoided by nuclear energy in New Hampshire

1.3 million

Number of homes powered by nuclear energy in New Hampshire

Nuclear News

In 2022, the New Hampshire legislature passed a bill to convene a commission to study deployment of advanced nuclear.

In 2023, New Hampshire released their study on advanced nuclear energy technology.

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
Seabrook 1	Rockingham	NextEra	1,248	92.4%	2050

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%

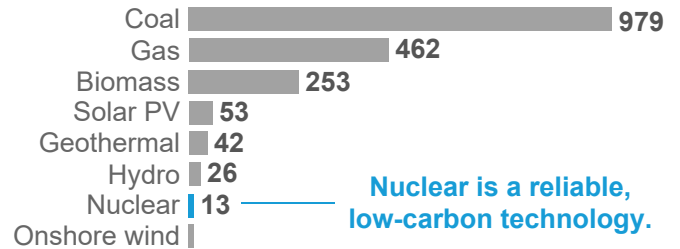
capacity factor of U.S. nuclear plants in 2023 as a reliable electricity source

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

