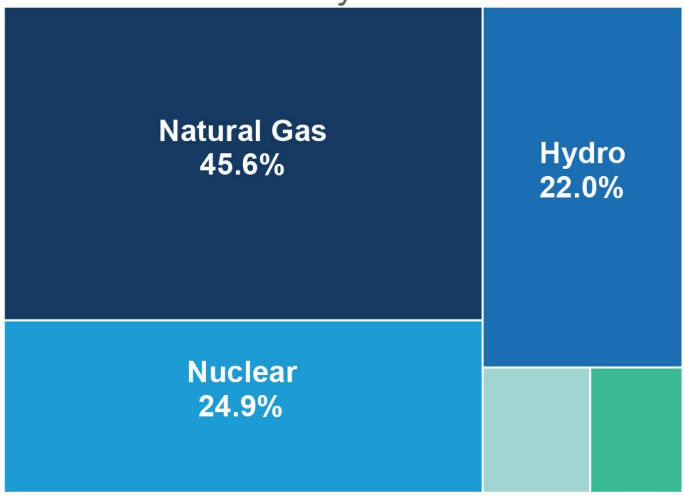
NUCLEAR ENERGY INSTITUTE

NUCLEAR ENERGY FACT SHEET 2022

New York

STATE ENERGY PROFILE

Sources of electricity in New York



48.4%
Nuclear's share of New York's carbon-free electricity, complementing wind and solar

2,725
High-paying, reliable jobs provided by New York's nuclear plants

State Carbon Goals

100% carbon-free electricity by 2040

Utility Carbon Goals

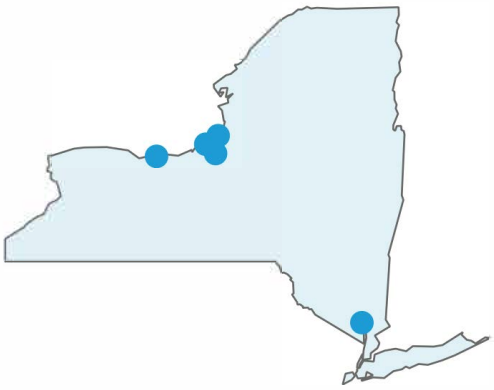
Avangrid

Consolidated Edison

Niagara Mohawk Power

PSEG

NUCLEAR PLANTS



95.8%
Capacity factor of nuclear plants in New York from 2019 to 2021

14.7 million
Metric tons of carbon emissions avoided in New York

4.3 million
Number of homes powered by nuclear energy in New York

Nuclear News

In 2021, Congress passed the Bipartisan Infrastructure Law, which demonstrated the vital role nuclear energy will play in our energy transition alongside wind and solar.

REACTOR DETAILS

Reactor Name	County	Owner	Capacity (MW)	Capacity Factor (%)	License End Date
FitzPatrick 1	Oswego	Constellation	848	95.8%	2034
Ginna 1	Wayne	Constellation	582	92.1%	2029
Indian Point 3	Westchester	Entergy	1,039	95.7%	2021
Nine Mile Point 1	Oswego	Constellation	630	92.1%	2029
Nine Mile Point 2	Oswego	Constellation	1,144	99.6%	2046

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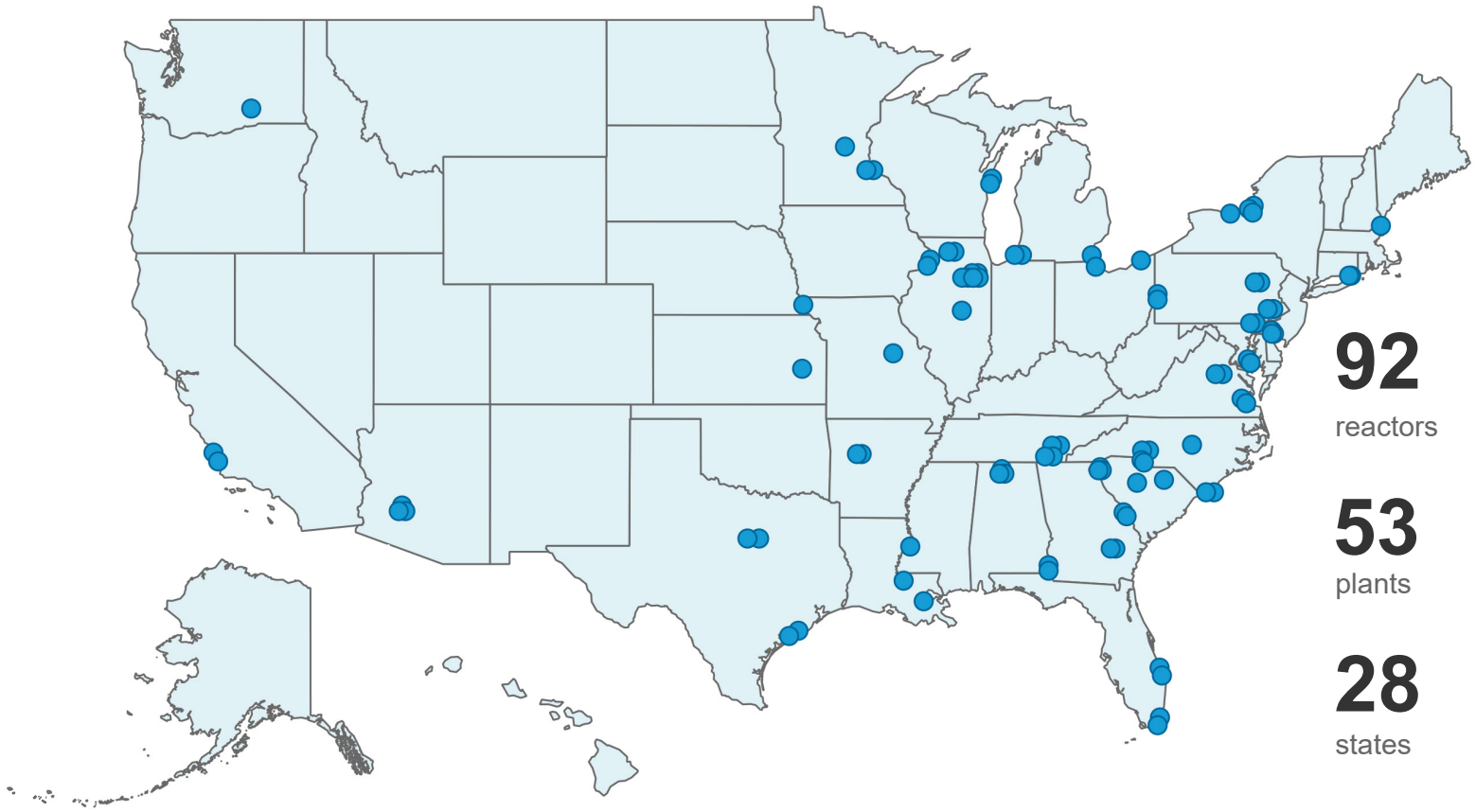
United States

NUCLEAR POWER ACROSS THE U.S.



92 reactors

53 plants

28 states

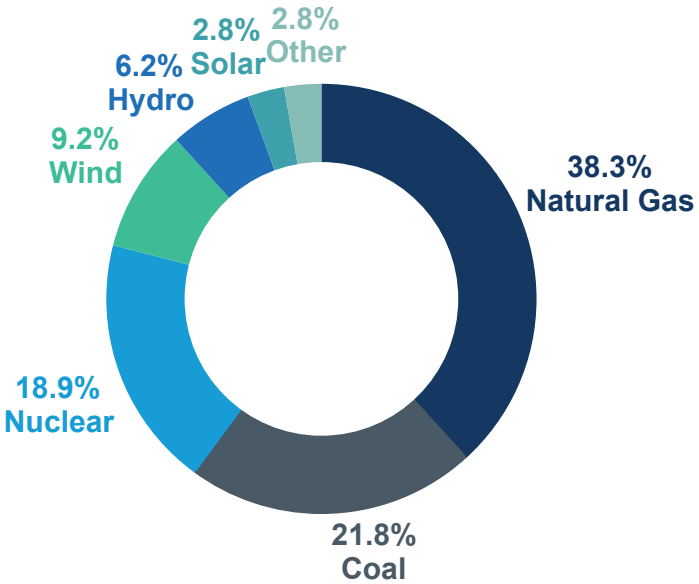
50.4%
share of carbon-free electricity generated by nuclear energy

482M
metric tons of carbon emissions avoided in 2021

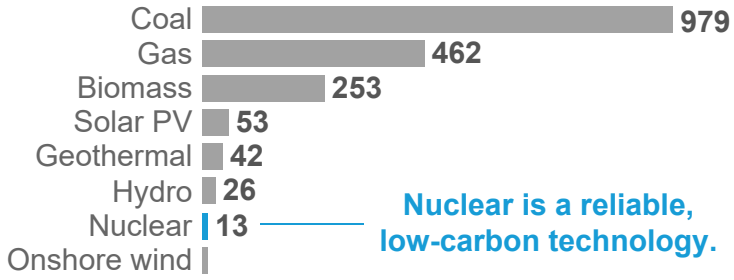
475,000
well-paying, sustainable direct and indirect jobs in the nuclear industry

92.7%
capacity factor of U.S. nuclear plants in 2021 as a reliable electricity source

U.S. GENERATION BY FUEL SOURCE
2021



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