

STATE ENERGY PROFILE

Sources of electricity in Connecticut



1,500

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

87.2%

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

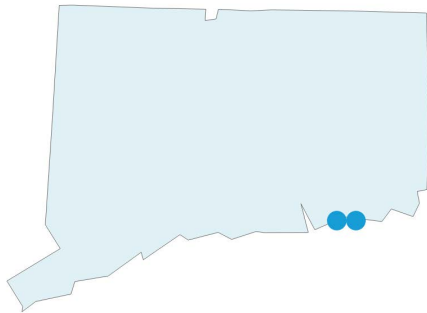
State Carbon Goals

100% carbon-free electricity by 2040

Utility Carbon Goals

Avangrid

NUCLEAR PLANTS



85.8%

Capacity factor of nuclear plants in Connecticut from 2021 to 2023

5.5 million

Metric tons of carbon emissions avoided by nuclear energy in Connecticut

1.6 million

Number of homes powered by nuclear energy in Connecticut

Nuclear News

Connecticut lawmakers passed a bill with a partial repeal of the moratorium on new nuclear plant construction 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
Millstone 2	New London	Dominion Energy	864	87.3%	2035
Millstone 3	New London	Dominion Energy	1,244	84.8%	2045

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%

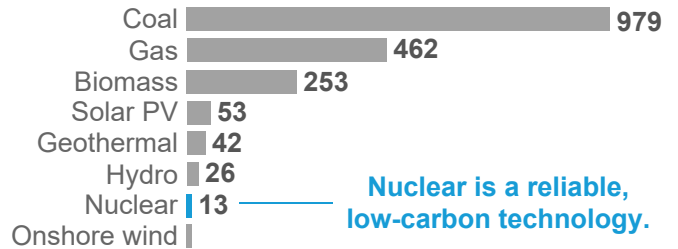
capacity factor of U.S. nuclear plants in 2023 as a reliable electricity source

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

