

STATE ENERGY PROFILE

Sources of electricity in Louisiana



Legend
 Coal
 Other

1,675

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

88.8%

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

State Carbon Goals

Net zero GHG emissions by 2050

Utility Carbon Goals

American Electric Power
Entergy

NUCLEAR PLANTS



81.4%

Capacity factor of nuclear plants in Louisiana from 2021 to 2023

5.9 million

Metric tons of carbon emissions avoided by nuclear energy in Louisiana

827,000

Number of homes powered by nuclear energy in Louisiana

Nuclear News

The 2022 Louisiana Climate Action Plan includes nuclear in the recommendations to meet a net-zero goal by 2050.

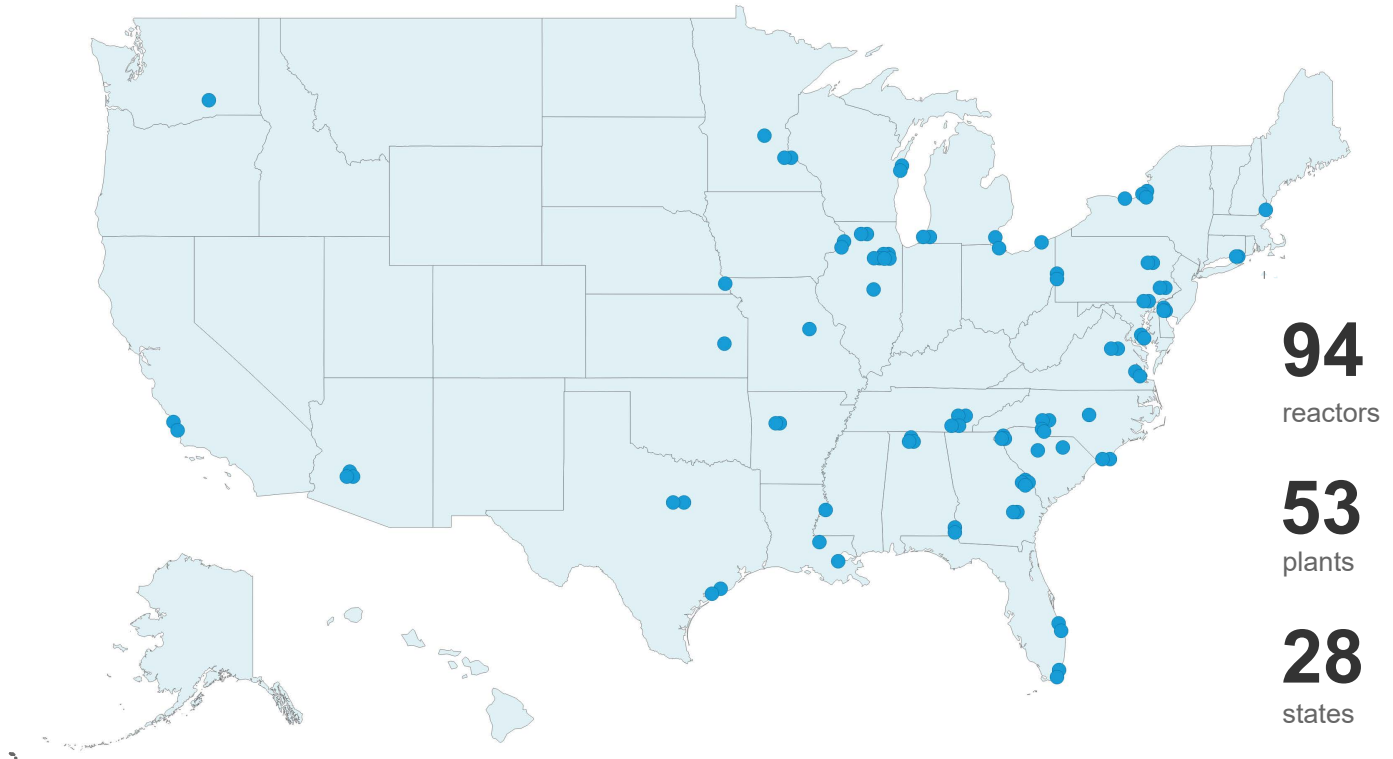
The Louisiana Public Service Commission unanimously approved a directive in 2023 to study new nuclear in the state.

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
River Bend 1	West Feliciana	Entergy	968	79.2%	2045
Waterford 3	St Charles	Entergy	1,165	83.2%	2044

NUCLEAR POWER ACROSS THE U.S.



45.5%

share of carbon-free electricity generated by nuclear energy

437M

metric tons of carbon emissions avoided in 2023

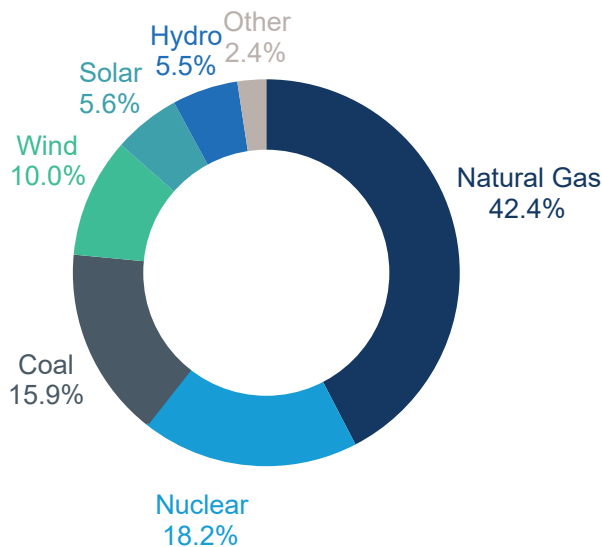
250,000

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

93.0%

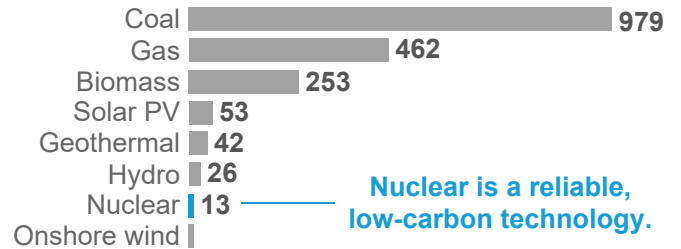
capacity factor of U.S. nuclear plants in 2023 as a reliable electricity source

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

