

STATE ENERGY PROFILE

Sources of electricity in Florida



1,400

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

62.4%

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

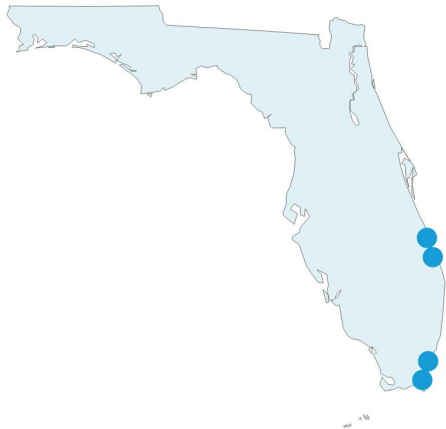
State Carbon Goals

None

Utility Carbon Goals

Duke Energy
Emera
NextEra
Tampa Electric

NUCLEAR PLANTS



92.1%

Capacity factor of nuclear plants in Florida from 2021 to 2023

13.1 million

Metric tons of carbon emissions avoided by nuclear energy in Florida

2.2 million

Number of homes powered by nuclear energy in Florida

Nuclear News

A bill passed in 2024 requiring the state Public Service Commission to study advanced reactors for the state.

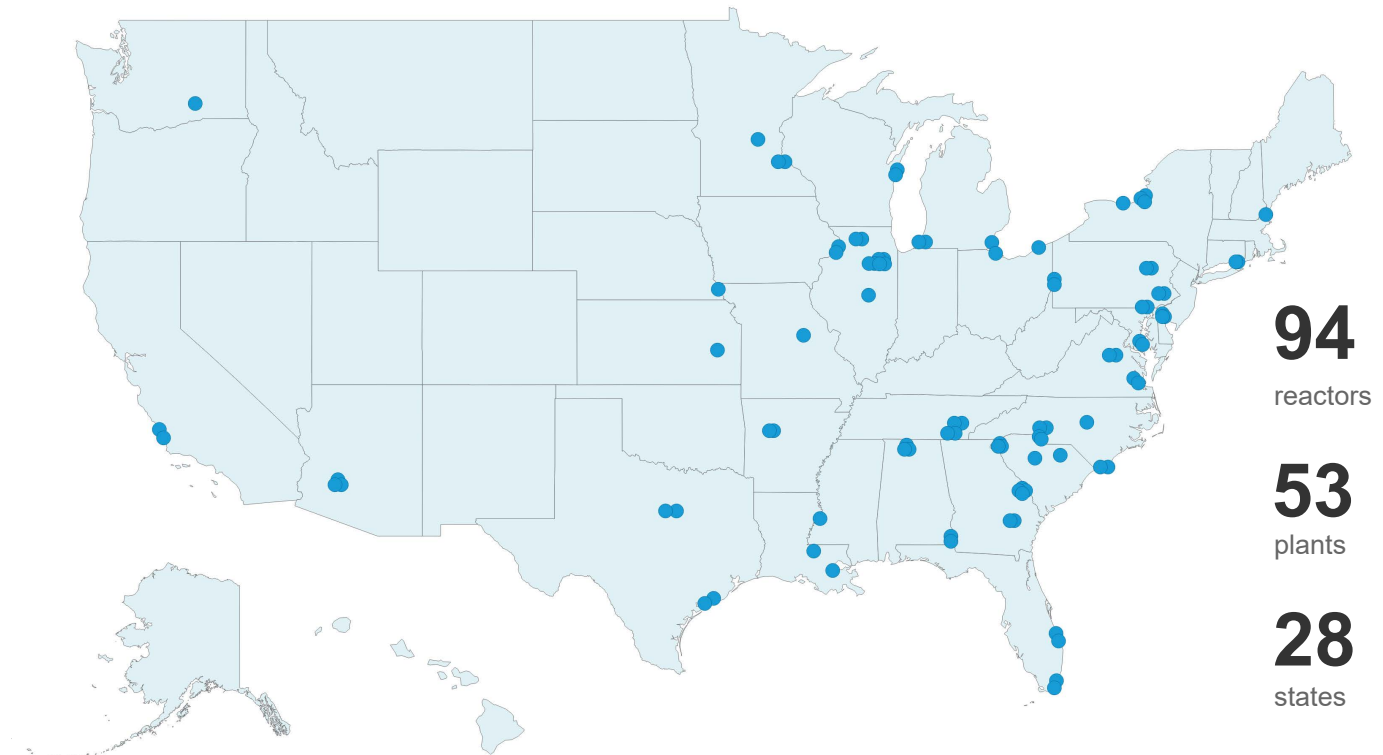
The subsequent license renewal application for St. Lucie 1 & 2 is under review for 20 additional years of reliable, carbon-free electricity.

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
St. Lucie 1	St Lucie	NextEra	981	91.0%	2036
St. Lucie 2	St Lucie	NextEra	987	90.4%	2043
Turkey Point 3	Miami Dade	NextEra	837	94.2%	2052
Turkey Point 4	Miami Dade	NextEra	861	93.4%	2053

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

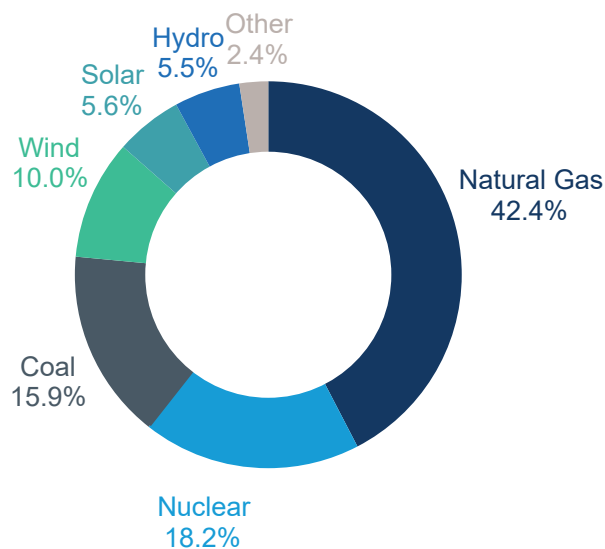
475,000

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

93.0%

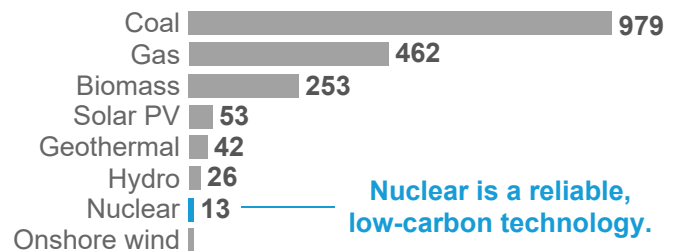
capacity factor of U.S.
nuclear plants in 2023 as a
reliable electricity source

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

