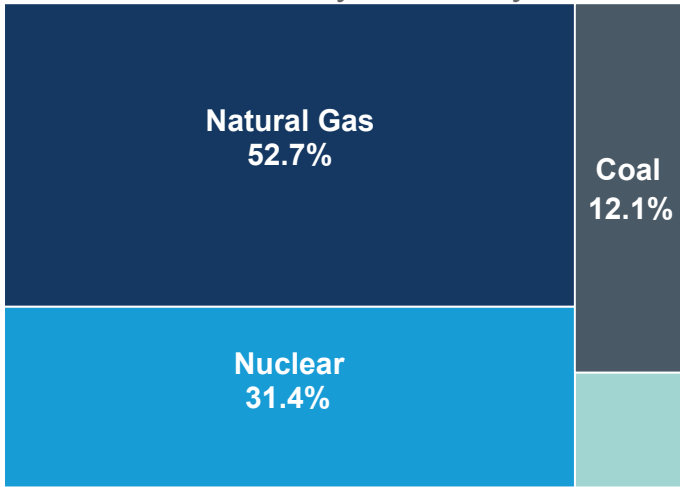


STATE ENERGY PROFILE

Sources of electricity in Pennsylvania



93.0%

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

4,500

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

State Carbon Goals

None

Utility Carbon Goals

- Exelon
- FirstEnergy
- PPL Corporation
- Talen Energy
- UGI Corporation

NUCLEAR PLANTS

96.3%

Capacity factor of nuclear plants in Pennsylvania from 2019 to 2021

37.4 million

Metric tons of carbon emissions avoided in Pennsylvania

7.5 million

Number of homes powered by nuclear energy in Pennsylvania



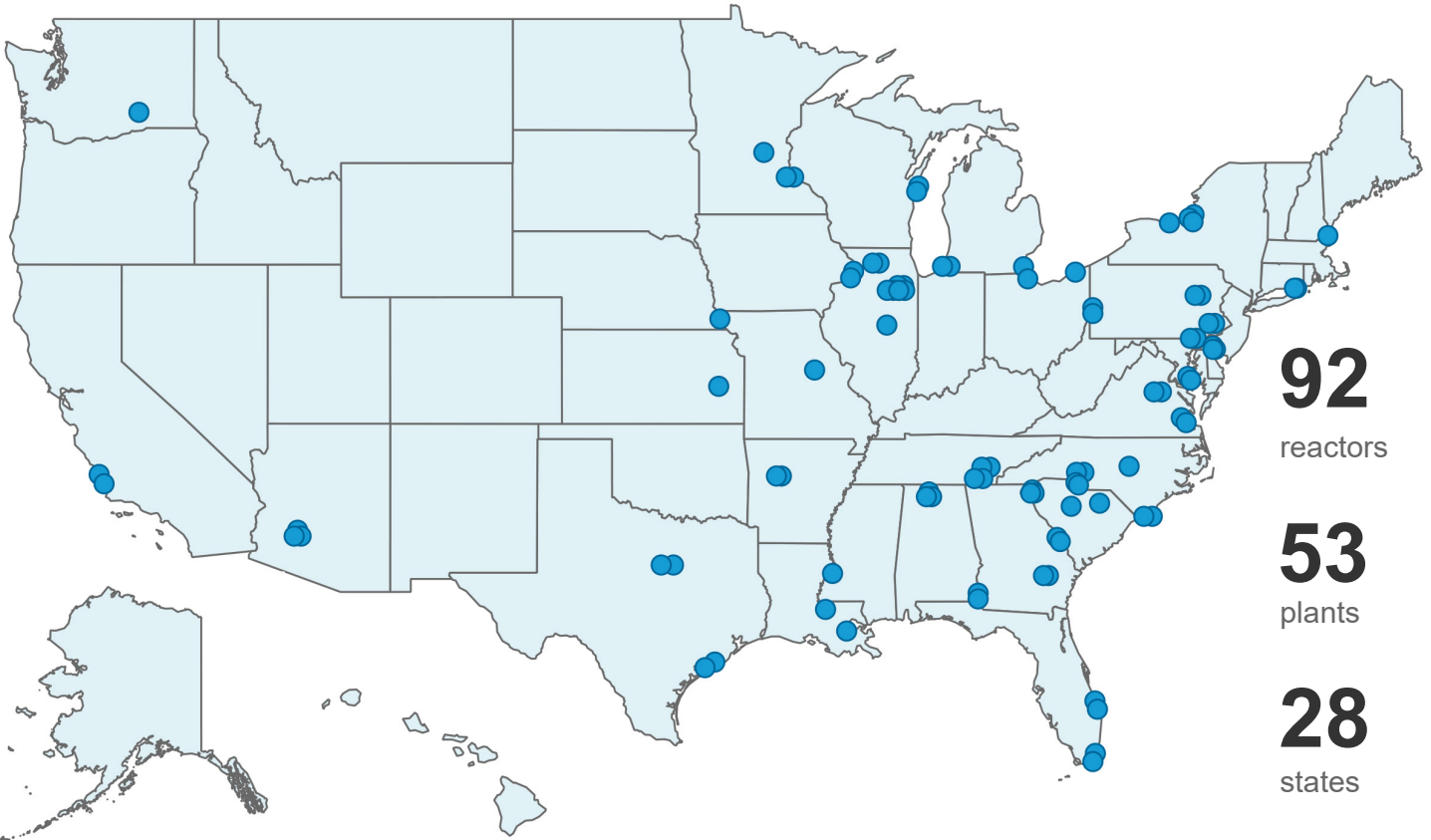
Nuclear News

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

REACTOR DETAILS

Reactor Name	County	Owner	Capacity (MW)	Capacity Factor (%)	License End Date
Beaver Valley 1	Beaver	Energy Harbor	907	95.7%	2036
Beaver Valley 2	Beaver	Energy Harbor	901	94.6%	2047
Limerick 1	Montgomery	Constellation	1,120	99.4%	2044
Limerick 2	Montgomery	Constellation	1,122	97.3%	2049
Peach Bottom 2	York	Constellation	1,265	99.8%	2053
Peach Bottom 3	York	Constellation	1,285	98.2%	2054
Susquehanna 1	Luzerne	TalenEnergy	1,247	94.7%	2042
Susquehanna 2	Luzerne	TalenEnergy	1,247	90.8%	2044

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

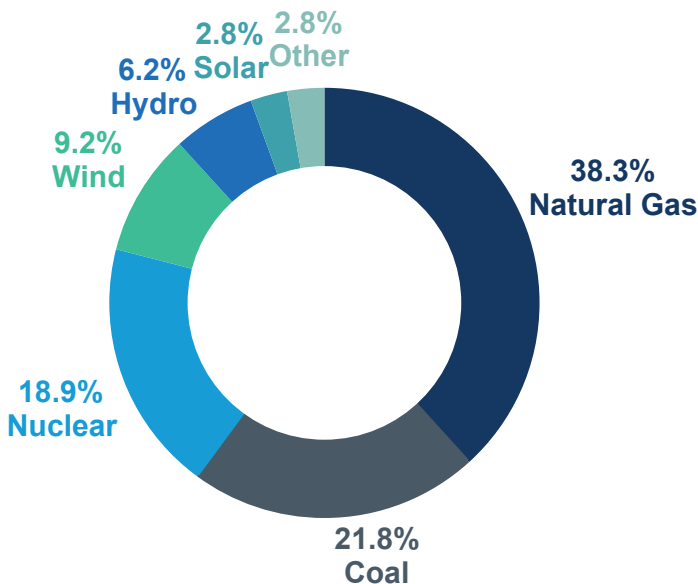
475,000

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

92.7%

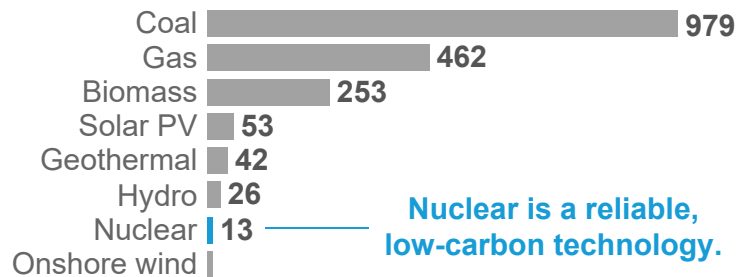
capacity factor of U.S. nuclear plants in 2021 as a reliable electricity source

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



1 URANIUM FUEL PELLETT
THE SIZE OF YOUR FINGERTIP