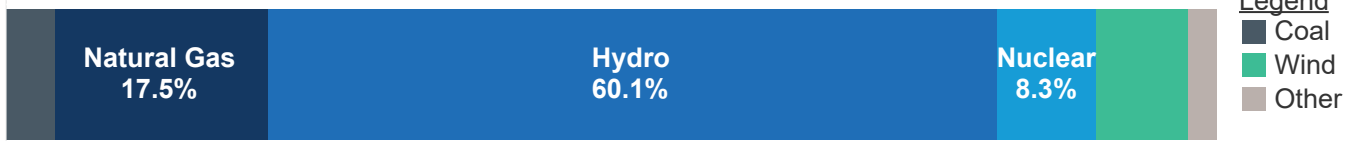


**STATE ENERGY PROFILE**

Sources of electricity in Washington



**1,070**

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

**10.8%**

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

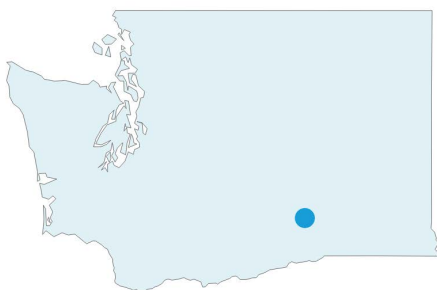
**State Carbon Goals**

100% GHG-neutral electricity by 2030 and 100% emissions-free electricity by 2045

**Utility Carbon Goals**

Pacific Power  
PacifiCorp

**NUCLEAR PLANTS**



**88.6%**

Capacity factor of nuclear plants in Washington from 2021 to 2023

**4.6 million**

Metric tons of carbon emissions avoided by nuclear energy in Washington

**694,000**

Number of homes powered by nuclear energy in Washington

**Nuclear News**

Energy Northwest is working with X-energy and TerraPower to site an advanced nuclear reactor to reach the state's clean energy goals.

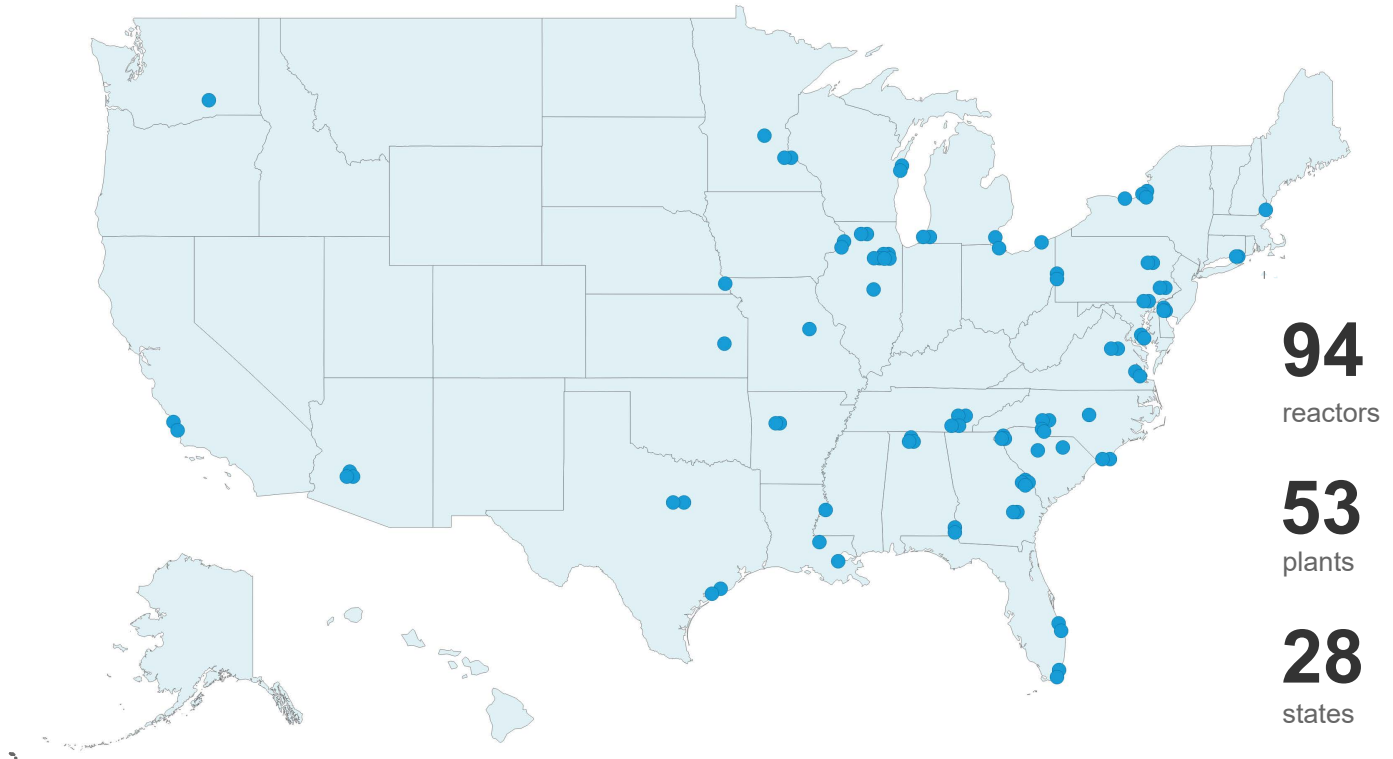
The Washington legislature developed a clean energy standard in 2019 that includes nuclear energy and launched a nuclear energy caucus in 2023.

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
Columbia	Benton	Energy Northwest	1,151	88.6%	2043

**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%**

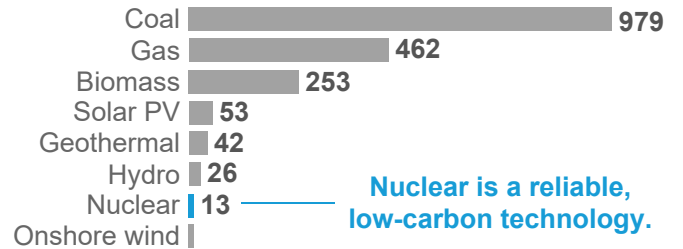
capacity factor of U.S. nuclear plants in 2023 as a reliable electricity source

**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

