NUCLEAR ENERGY INSTITUTE

NUCLEAR ENERGY FACT SHEET 2024

Utah

STATE ENERGY PROFILE

Sources of electricity in Utah

300
High-paying, permanent jobs created at a new small modular reactor plant

394
Operating and retired coal plant sites that could be converted to nuclear plants

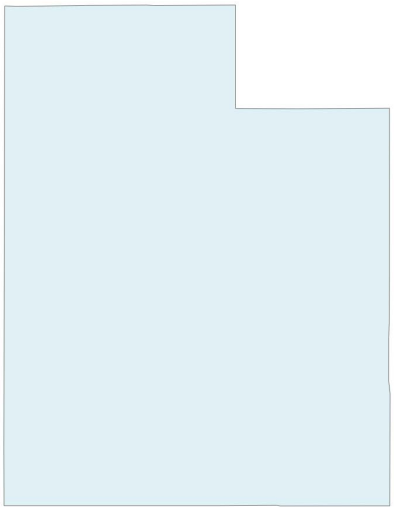
State Carbon Goals

None

Utility Carbon Goals

PacifiCorp

NUCLEAR PLANTS



25%
Share of nuclear workers that are veterans

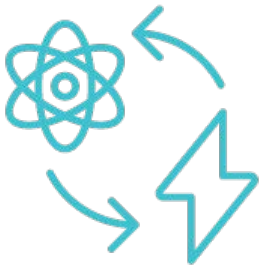
5
Multiple unit small modular reactor plants planned for operation by 2035

250
Number of additional U.S. jobs created by 100 nuclear jobs

Nuclear News

U.S. Congress supports nuclear & other clean energy in the 2021 Bipartisan Infrastructure Law and 2022 Inflation Reduction Act.

WHY NUCLEAR?



Nuclear powers America's cities and towns with reliable, 24/7 clean energy.

Nuclear energy creates jobs and supports local communities, with each of today's large operating reactors providing 500 to 800 jobs.

Nuclear energy is the largest source of emissions-free energy in the United States.

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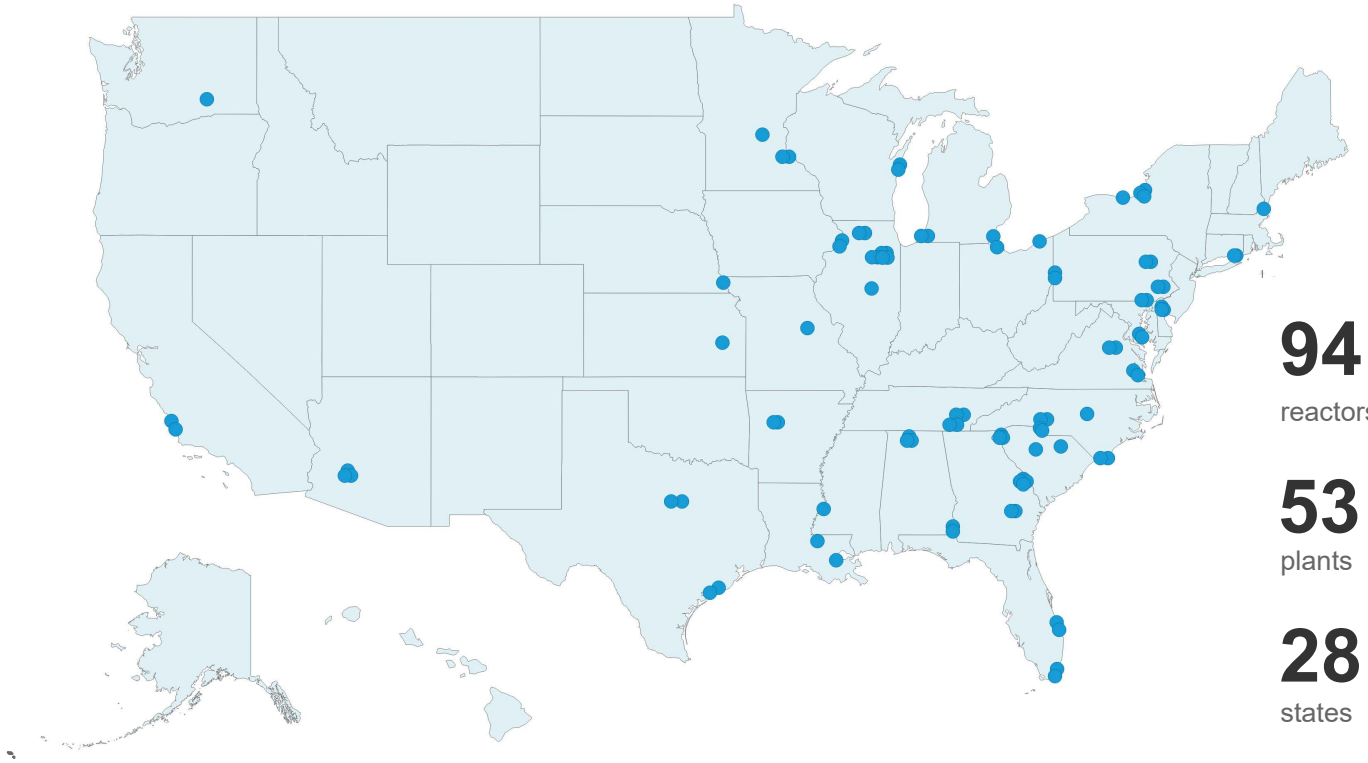
United States

NUCLEAR POWER ACROSS THE U.S.



94 reactors

53 plants

28 states

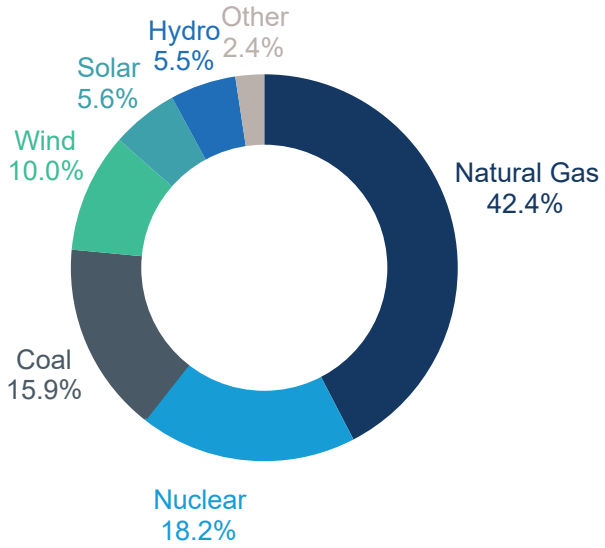
45.5%
share of carbon-free electricity generated by nuclear energy

437M
metric tons of carbon emissions avoided in 2023

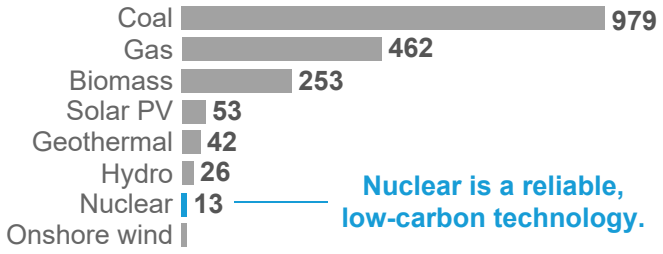
250,000
well-paying, sustainable direct and indirect jobs in the nuclear industry

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



5
uranium pellets generate a household's annual electricity, compared to 5 tons of coal