

**STATE ENERGY PROFILE**

Sources of electricity in Mississippi



Legend  
 Coal  
 Other

**675**

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

**94.7%**

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

**State Carbon Goals**

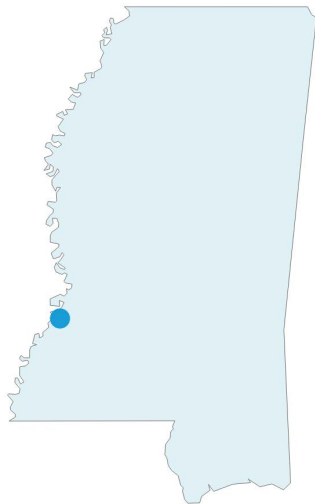
None

**Utility Carbon Goals**

Entergy

Southern Company

**NUCLEAR PLANTS**



**87.3%**

Capacity factor of nuclear plants in Mississippi from 2021 to 2023

**5.5 million**

Metric tons of carbon emissions avoided by nuclear energy in Mississippi

**826,000**

Number of homes powered by nuclear energy in Mississippi

**Nuclear News**

The Mississippi Public Service Commission unanimously approved a resolution in 2024 signaling their support for new nuclear deployment.

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
Grand Gulf 1	Claiborne	Entergy	1,401	87.3%	2044

**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%**

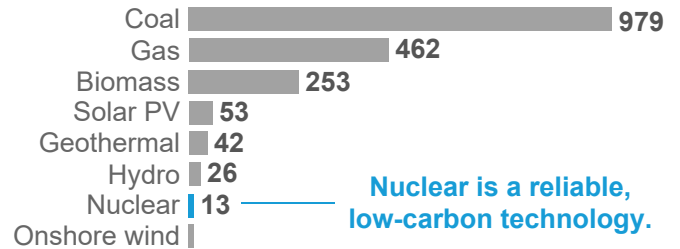
capacity factor of U.S. nuclear plants in 2023 as a reliable electricity source

**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

