

2017 Nuclear by the Numbers

US Department of Energy

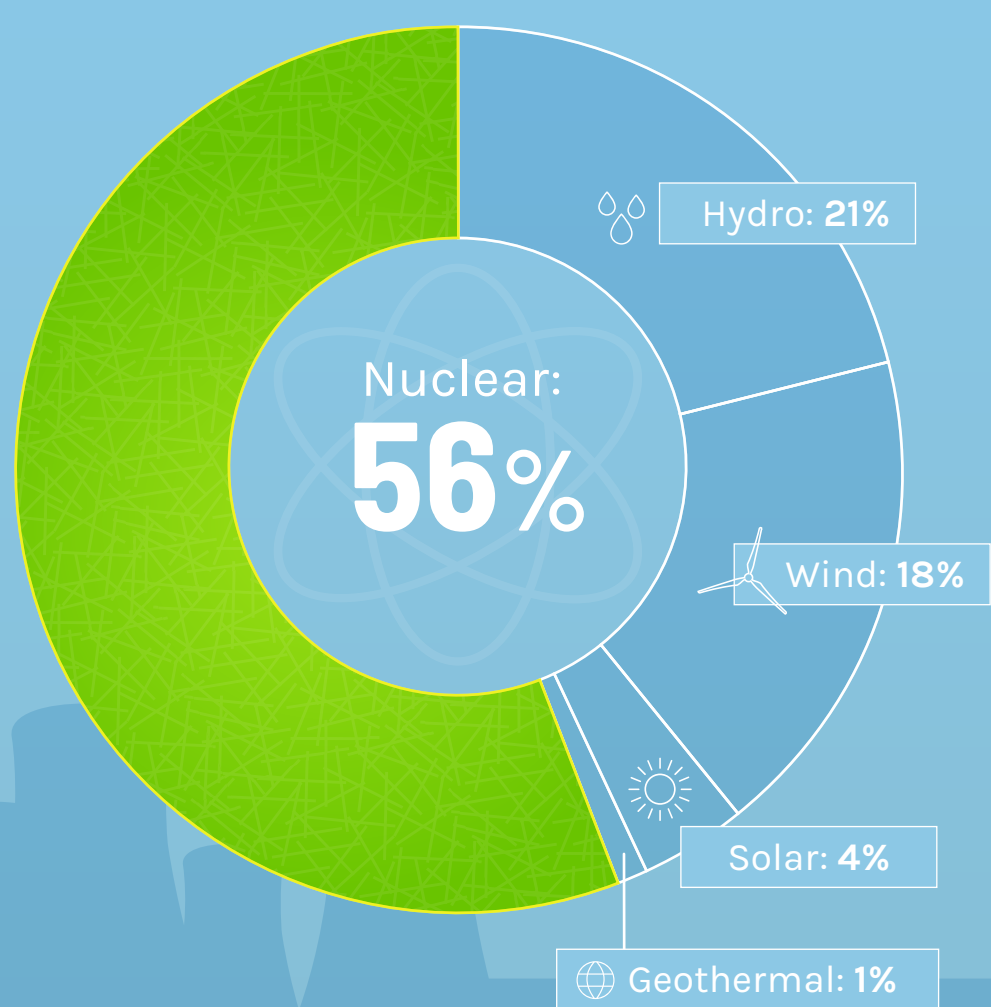


1 Nuclear power plants produced **805 billion** kilowatt hours of electricity in 2017. ...That's enough to power **73 million homes.**

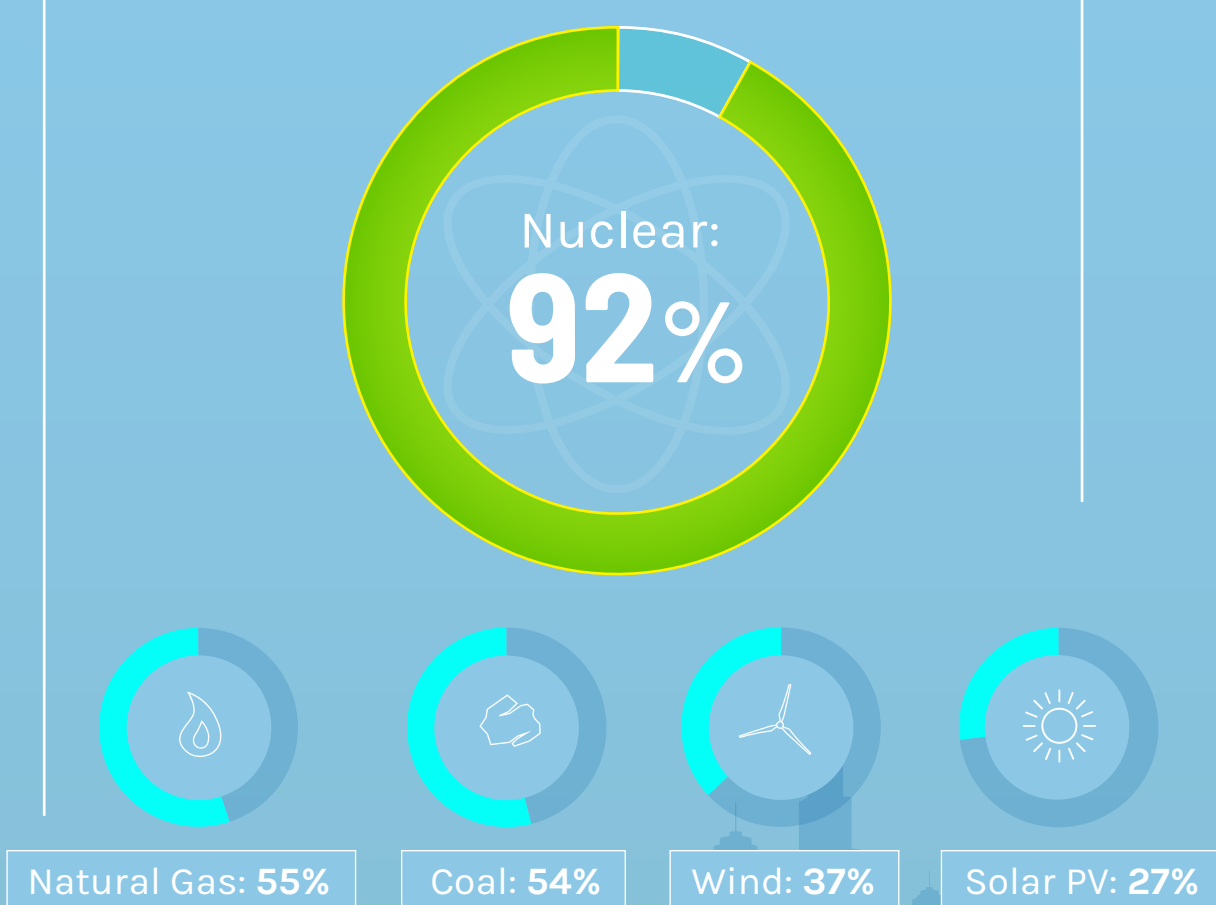
2

Nuclear power is America's largest and most reliable domestic source of clean energy.

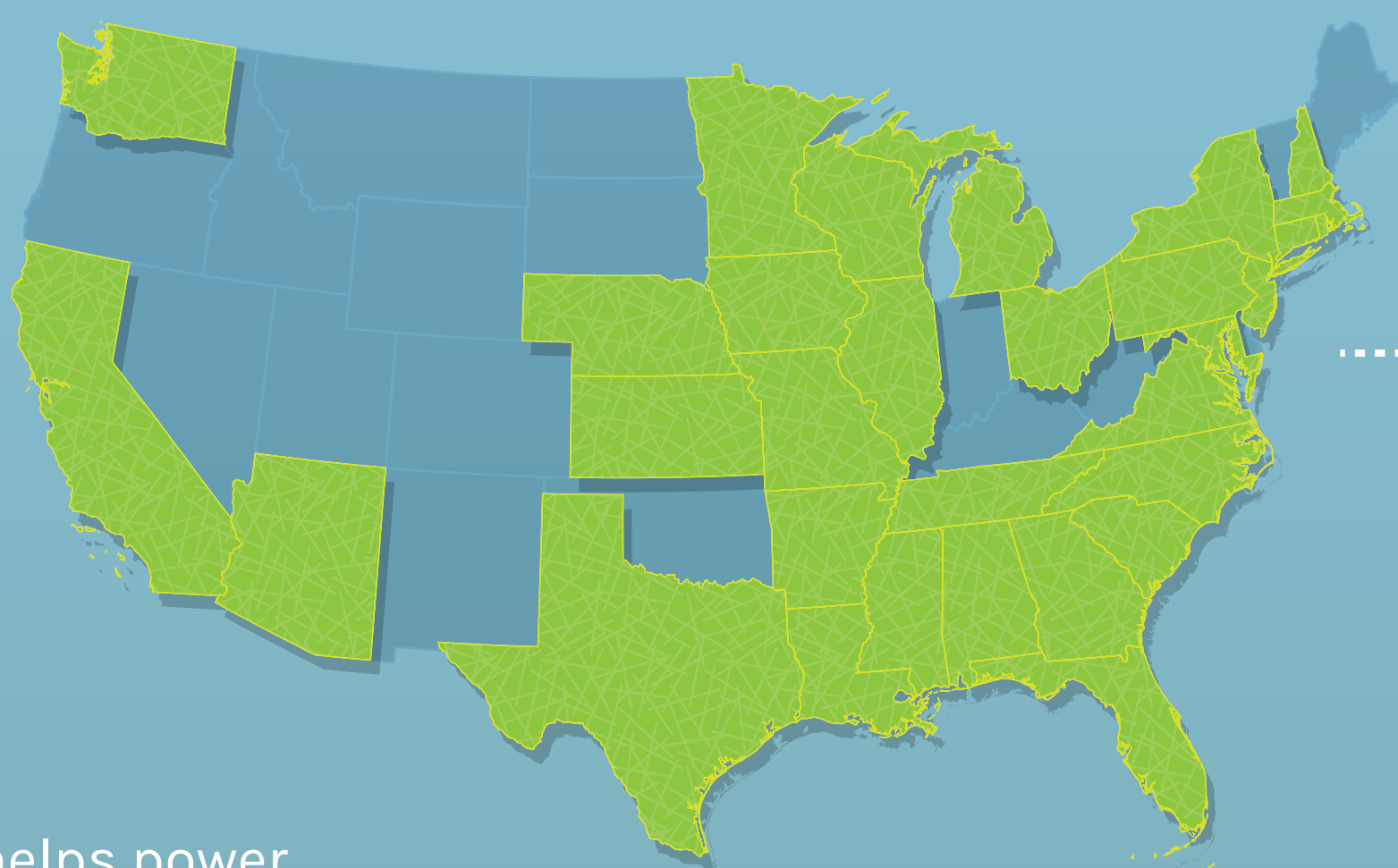
2017 SOURCES OF EMISSION-FREE ELECTRICITY



2017 ENERGY CAPACITY FACTOR*



*capacity factor = average power generated ÷ rated peak power



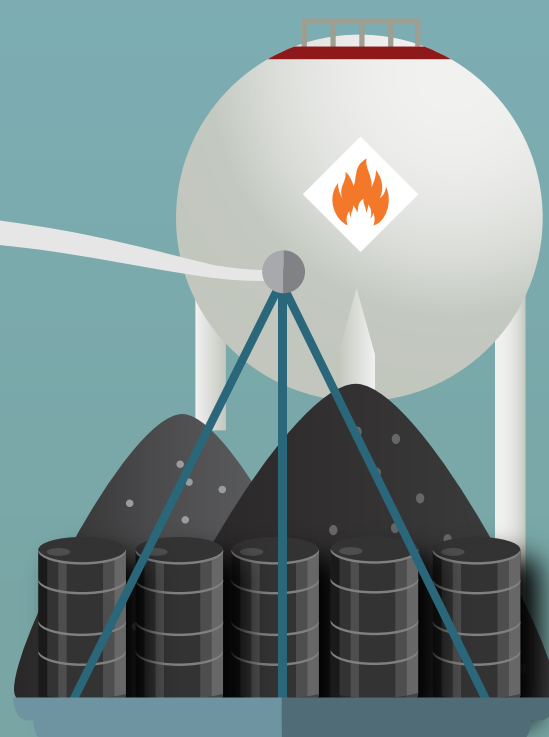
3 Nuclear helps power **30 states** with clean, carbon-free electricity.

4 Nuclear fuel is packed with power.

1 uranium pellet
0.3" diameter by 0.5" long



produces as much energy as



120 gallons of oil, 1 ton of coal, or
17,000 cubic feet of natural gas



U.S. DEPARTMENT OF
ENERGY

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