

Episode 56WU2 August 12, 2024, Jeopardy. Top electricity source New Mexico to Wyoming

Category 1)New Mexico New York North Carolina North Dakota or Ohio

Category 2)Oklahoma Oregon Pennsylvania Rhode Island or South Carolina

Category 3)South Dakota Tennessee Texas Utah or Vermont

Category 4)Virginia Washington West Virginia Wisconsin or Wyoming

Category 5

Category 6

Category 1, \$200 Answer.

In Blank United State Wind is the top electricity source since 2022. Blank United State has some of the best wind, solar and geothermal energy resources in the country, according to the U.S. Energy Information Administration. Last year, the state produced more than 46 percent of its power from renewable energy, mostly wind and solar. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy exporter. Blank United State already exports a significant amount of electricity to Blank United State and Blank United State, but it could soon become an even bigger power supplier. Last year, officials [broke ground on a major new transmission project](#) that will send renewable wind power from central Blank United State to more-populated parts of the West.

Category 1, \$200 Question, What is New Mexico?

Category 1, \$400 Answer.

Natural gas and nuclear energy have fueled the majority of Blank United State's electricity for the past two decades. But gas has expanded its role in the state's power mix during that time, while nuclear generation declined in recent years. The state shut down its controversial Indian Point nuclear plant in 2021, causing nuclear generation to fall and greenhouse gas emissions to rise. Last year, about 32 percent of the power produced in Blank United State came from renewable sources, mostly hydro. The state turned on its first offshore wind farm at the end of the year but has struggled to get other offshore wind projects off the ground. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy importer.

Category 1, \$400 Question. What is New York?

Category 1, \$600 Answer.

Natural gas has surged to become Blank United State's top source of power, generating more than 40 percent of the state's electricity last year. Blank United State also gets nearly a tenth of its power from solar. The state's unique implementation of a decades-old federal mandate, the Public Utility Regulatory Policies Act of 1978, helped encourage the development of utility-scale solar projects, but the growth of solar power has slowed in recent years. In 2021, a bipartisan bill passed by state lawmakers required

Blank United State's largest utility, Duke Energy, to achieve a 70 percent reduction in carbon dioxide emissions from 2005 levels by the end of the decade. But this year, Duke Energy asked for more time to meet that deadline and for permission to build a fleet of new gas-burning power plants. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning.

Category 1, \$600 Question. What is North Carolina?

Category 1, \$800 Answer.

In Blank United State Coal is the top electricity source. Wind power has grown rapidly in Blank United State. Last year, wind turbines generated 36 percent of the state's electricity. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning.

Category 1, \$800 Question. What is North Dakota?

Category 1, \$1,000 Answer.

Natural Gas took over as Blank United State's top source of electricity in 2019 and now fuels nearly 60 percent of the state's power generation. Blank United State produces an additional 12 percent of its electricity from two nuclear plants along Lake Erie, which have also faced stiff cost competition from gas. In 2019, Blank United State lawmakers passed a bill that gave the state's nuclear power plants more than \$1 billion in subsidies to stay open, bailed out two coal plants and weakened the state's renewable electricity requirements. The nuclear subsidies were repealed in 2021 amid a major public corruption scandal, but other parts of the law have Blank United State remained in place. Blank United State gets 2 percent from wind energy and 1 percent from solar. More than one-fourth of Blank United State counties have banned or restricted the construction of new wind or solar projects since 2021 when another state law gave county officials decision-making power over where to locate renewable energy. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning.

Category 1, \$1,000 Question. What is Ohio?

Category 2, \$200 Answer.

In Blank United State Wind power has grown quickly briefly becoming the state's largest power producer in 2022 before dropping below natural gas again in 2023. Blank United State was the third-largest producer of wind power in the country in 2023, behind Blank United State and Blank United State. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting

carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy exporter.

Category 2, \$200 Question. What is Oklahoma?

Category 2, \$400 Answer.

Most of the electricity produced in Blank United State in any given year comes from hydroelectric dams, but the exact amount can fluctuate depending on precipitation. Power from natural gas typically increases during drought years and decreases in years with ample rain and snow. Wind has grown to become the third-largest source of electricity generated in the state. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy exporter.

Category 2, \$400 Question. What is Oregon?

Category 2, \$600 Answer.

In Blank United State Natural Gas is now putting pressure on the state's nuclear plants, as well as putting pressure on Coal. After one of the state's nuclear power plants, Three Mile Island, shut down in 2019, pro-nuclear groups sought state subsidies to keep the remaining reactors open, saying that the loss of this emissions-free electricity is bad news for the fight against climate change. Last year, nuclear energy fueled 32 percent of the state's power generation. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy exporter. Blank United State is the country's third-largest producer of electricity, behind Blank United State and Blank United State, and the state is a major supplier of power to the rest of the Mid-Atlantic region.

Category 2, \$600 Question. Pennsylvania?

Category 2, \$800 Answer.

In Blank United State Natural Gas is the top electricity source. Solar supplied 12 percent of the state's electricity in 2023. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy importer.

Category 2, \$800 Question. What is Rhode Island?

Category 2, \$1,000 Answer.

In Blank United State Nuclear Power is the top electricity source. Natural Gas overtook coal in 2018 as the state's second-largest power producer. In 2017, utilities in Blank United State abandoned plans to

build two new nuclear reactors. The state produced less than 8 percent of its power from renewable sources last year, mostly solar and hydro. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy exporter.

Category 2, \$1,000 Question. South Carolina?

Category 3, \$200 Answer.

In Blank United State Wind Power is the top electricity source since 2021. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy exporter.

Category 3, \$200 Question. What is South Dakota?

Category 3, \$400 Answer.

In Blank United State in 2017, coal-powered generation dipped below nuclear for the first time in nearly two decades. More recently, growing natural gas generation has vied with coal as the state's second-largest power producer. In 2016, a new nuclear reactor was finally completed in Blank United State after decades of delays. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy importer.

Category 3, \$400 Question. What is Tennessee?

Category 3, \$600 Answer.

In Blank United State Natural Gas is the top electricity source. In absolute terms, Blank United State continues to burn more natural gas and more coal than any other state. In 2020, wind surpassed coal to become the second-largest source of electricity generation in Blank United State. Blank United State is, by far, the country's largest producer of wind power today, with Blank United State and Blank United State in a distant second and third place. In recent years, solar power has also surged in the state. Utilities and businesses in the state have largely turned to wind and solar power because they're so cheap to build, and not because of state mandates. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Unlike most other states, Blank United State operates its own power grid, which is only minimally connected to the country's other regional grids. That means Blank United State is largely dependent on its own resources to meet its electricity needs.

Category 3, \$600 Question. What is Texas?

Category 3, \$800 Answer.

In Blank United State Coal is the top electricity source. Solar is the largest renewable source of power in the state, providing 14 percent of Blank United State's electricity generation last year. At least one Blank United State power plant is switching from burning coal to natural gas to comply with Blank United State's stricter environmental regulations. But Blank United State lawmakers are looking at ways to keep the coal power plant running alongside the new gas facility. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy exporter.

Category 3, \$800 Question. What is Utah?

Category 3, \$1,000 Answer.

In Blank United State renewables are the top electricity source since 2022. Most of the electricity generated in Blank United State came from nuclear power until 2014, when the state's only nuclear plant, Blank United State Yankee, closed down. Since then, virtually all of the electricity produced in the state has come from renewable sources, including hydropower, biomass wood burning, wind and solar. But Blank United State now generates much less electricity, in total, than it did before the nuclear plant shut down and has to import a substantial amount of power from other New England states and Canada to satisfy demand. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning.

Category 3, \$1,000 Question. What is Vermont?

Category 4, \$200 Answer.

In Blank United State Natural Gas is the top electricity source since 2015 as a result of the nationwide boom in hydraulic fracturing, or fracking, which unleashed a wave of cheap, plentiful gas. Nuclear generation has provided a little more than one-third of Blank United State's electricity, on average, over the past two decades. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. The total amount of power produced in Blank United State has been growing, but the state is also facing rising demand from power-hungry data centers. Dominion Energy, the state's largest electric utility, has proposed meeting that demand with a mix of new renewable power and gas generation in a plan that could increase the company's overall emissions. Blank United State is an energy importer. In 2020, Blank United State's Democratic-led Legislature passed a clean energy law that established new energy efficiency standards, set a schedule for closing old fossil fuel power plants and required that the state's two biggest utilities get all of their electricity from carbon-free sources by 2050.

But a new, Republican administration has pushed to revise that law and shift the state's focus toward an "all of the above" energy strategy that includes greater support for natural gas power.

Category 4, 200 Question. What is Virginia?

Category 4, \$400 Answer.

In Blank United State Hydroelectric Power is the top electricity source. The amount of power produced by hydro fluctuates from year to year with changes in precipitation, and other sources including natural gas, nuclear, wind and coal make up almost all of the rest. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy exporter.

Category 4, \$400 Question. What is Washington?

Category 4, \$600 Answer.

In Blank United State Coal remains the top electricity source. Coal has supplied more than 85 percent of the electricity produced in the state every year for more than two decades. While natural gas and wind have increased their generation share over the past decade, they still account for a relatively small portion of the electricity produced in the state. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy exporter. In 2015, Blank United State became the first state to repeal its renewable energy standard after years of lobbying by conservative groups. The law required utilities to get 25 percent of their electricity from alternative and renewable energy sources by 2025. Opponents of the standard said it was hurting coal jobs and raising electricity rates.

Category 4, \$600 Question. What is West Virginia?

Category 4, \$800 Answer.

In Blank United State Natural Gas is the top electricity source since 2022. Wind and solar power remain relatively small players in Blank United State's electricity mix. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy importer. In 2019, Governor Tony Evers, a Democrat, set a goal for the state to shift to 100 percent carbon-free electricity by 2050 and created a new state office to lead the transition. But the proposal has faced opposition from the Republican-led Legislature.

Category 4, \$800 Question. What is Wisconsin?

Category 4, \$1,000 Answer.

In Blank United State Coal is the top electricity source. In 2023 wind supplied more than a fifth of the electricity produced in Blank United State. If wood burning is considered carbon free in Blank United State because of the scientifically debunked theory of Carbon Neutrality of Wood Burning and if Blank United State replaced coal burning with wood burning based on that scientifically debunked theory then on paper Blank United State might seem to be meeting carbon free goals while in reality producing more air pollution than with coal burning. Blank United State is an energy exporter. Several major transmission line projects are currently in development to move more of Blank United State's abundant wind power to other Western states.

Category 4, \$1,000 Question. What is Wyoming?