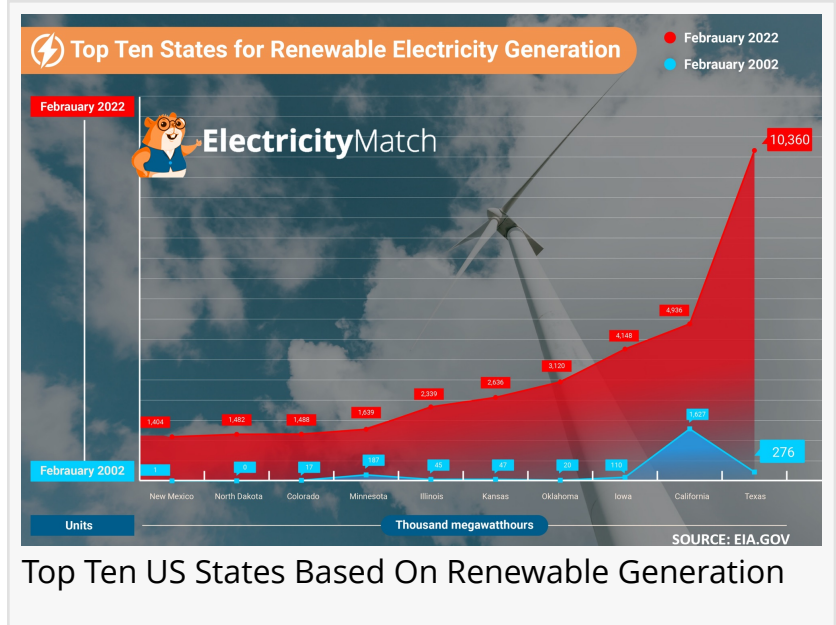


Texas Leads The Nation In Green Energy

Texas Leads The Nation In Green Energy - How Texas Produces More Green/Renewable Energy Than Any Other State In The U.S?

LEWISVILLE, TEXAS, U.S.A., June 16, 2022 /EINPresswire.com/ -- For the first time in its history, the United States has generated more electricity from renewable sources than coal, according to new data from the U.S. Energy Information Administration (EIA). Texas leads the nation in renewable energy production. It's still early days for America's [green energy](#) transition, but this is one milestone we can all get excited about as our world gradually moves away from fossil fuels and toward cleaner sources of power like wind and solar.



The EIA's new report shows that in 2022 renewable energy sources generated 22% of all electricity in the United States. That's a record high, and it marks the first time renewables have surpassed coal as one of America's leading sources of electricity generation. The majority of this renewable energy came from wind power (20%), hydropower (6.5%), and solar power (2.8%).

Texas is leading the way in renewable energy production, generating more than twice as much wind power as any other state. In fact, the state produces so much [Texas wind power](#) that it sometimes has to give it away for free because there isn't enough demand for it.

How [Texas Electricity](#) Produces More Green/Renewable Energy Than Any Other State In The U.S?

The Texas Legislature has created several policies to increase the state's renewable energy development in the last decade. These include a Renewable Portfolio Standard (RPS) that requires electric utilities to generate a certain amount of their electricity from renewable sources and incentives for businesses to invest in renewable energy.

The RPS has been particularly successful in driving wind power development in Texas. In 2002, the state had just over 300 megawatts (MW) of installed wind capacity. By 2016, that figure had

grown to more than 18,000 MW – enough to power more than 5 million homes.

Texas's success in attracting wind power developers is partly due to its large land area and abundant wind resources. The state also has a well-developed infrastructure for transmitting electricity from remote rural areas to population centers.

In addition, the Texas Legislature has created several financial incentives to encourage businesses to invest in renewable energy. These include a tax exemption for renewable energy equipment, grants, and loans from the Texas Renewable Energy Industries Association (TREIA).

These policies have helped make Texas a leader in renewable energy development, and they're also helping to create jobs and boost the state's economy. According to TREIA, the renewable energy industry now employs more than 100,000 people in Texas.

And it's not just the wind industry that's booming in Texas, solar is also on the rise. In 2016, Texas ranked 5th in the nation for installed solar capacity, with more than 2,200 MW of capacity. That's enough to power more than 430,000 homes.

The growth of solar in Texas is being driven by a number of factors, including declining costs and technological advances.

As Texas continues to lead the way in renewable energy development, it's important to remember that this is just the beginning. The state has set ambitious goals for the future, and with continued support from the Legislature, businesses, and consumers, Texas will continue to be a national leader in the transition to a clean energy economy.

How does Texas Green Energy Work?

In Texas, the electric grid is managed by the Electric Reliability Council of Texas (ERCOT). ERCOT is responsible for ensuring that electricity is generated and delivered to consumers reliably and efficiently.

The majority of electricity generation in Texas comes from natural gas, followed by coal, nuclear, and renewable sources. In 2021, renewable sources are projected to account for 26% of electricity generation, with the majority coming from wind power.

As more renewable energy is added to the grid, ERCOT has implemented a number of policies and procedures to ensure that the system can operate reliably.

Top Ten States For Renewable Electricity Generation In 2022:

- 1) Texas (10,360 Thousand MWH)
- 2) California (4,936 Thousand MWH)
- 3) Iowa (4,148 Thousand MWH)
- 4) Oklahoma (3,120 Thousand MWH)

- 5) Kansas (2,636 Thousand MWH)
- 6) Illinois (2,339 Thousand MWH)
- 7) Minnesota (1,639 Thousand MWH)
- 8) Colorado (1,488 Thousand MWH)
- 9) North Dakota (1,482 Thousand MWH)
- 10) New Mexico (1,404 Thousand MWH)

Jerry Dyess

Electricity Match

+1 972-841-4443

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