



How much is the government subsidy for wind power generation

What is a federal subsidy for wind?

The primary federal subsidy for wind is a tax credit known as the production tax credit, or PTC, which offers wind facilities and some other renewables a small tax credit for every kilowatt hour of energy produced over a farm's first decade.

How much money does the federal government spend on wind power?

There are other federal subsidies that go to wind power, including about \$24 million for research and development in 2016, per the Energy Information Administration. But as a University of Texas at Austin Energy Institute analysis found, the vast majority of federal investment in wind stems from the PTC.

How reliant is the wind industry on subsidies?

Experts have differing assessments of that. In the U.S., subsidies have played an important role in building the wind industry, which has grown from supplying almost none of the nation's electricity in 2000 to almost 7% in 2018. But when it comes to how reliant the industry is on subsidies today, analysts disagree.

What incentives are available for wind projects?

As with all energy projects, federal, state, local, and utility financial incentives are also available for wind projects. The Database of State Incentives for Renewables and Efficiency (DSIRE) is a comprehensive source of information on incentives that promote renewable energy and energy efficiency.

How do financial incentives affect wind energy projects?

Financing incentives can impact overall project economics and are an integral part of the successful implementation of distributed and utility-scale wind energy. As with all energy projects, federal, state, local, and utility financial incentives are also available for wind projects.

How much will wind power cost without subsidies in 2021?

The EIA, which produces LCOE figures for future years, estimated in February that for wind facilities coming online in 2021, the average cost without subsidies would be \$48.80/MWh when weighting by capacity. That's compared with \$46.70 for conventional natural gas and \$40.50 for advanced natural gas (see Table A1a).

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