



# Public opinion analysis on solar power generation

Do Americans want more solar panels?

Fully 89% of Americans favor more solar panel farms, just 9% oppose. A similarly large share supports more wind turbine farms (83% favor, 14% oppose). By comparison, the public is more divided over expanding the production of nuclear and fossil fuel energy sources. Specifically, 45% favor more offshore oil and gas drilling, while 52% oppose.

How do Republicans feel about solar power?

The public is similarly divided over the perceived costs of solar power. Republicans, particularly conservative Republicans, are more than twice as likely as Democrats (65% vs. 30%) to say wind power is less reliable than other energy sources.

What percentage of Republicans support solar power?

Among Republicans and Republican-leaning independents, support for increasing reliance on solar power is down from 84% last year to 73% today, while support for more wind power dropped from 75% in 2020 to 62% today. Around nine-in-ten Democrats and Democratic-leaning independents continue to support expanding solar (93%) and wind power (91%).

Are solar panels good for the environment?

Most Americans view solar and wind power as good for the environment. Seven-in-ten adults think generating electricity from solar panel farms is better for the environment than most other energy sources, and 65% say the environmental effect of wind turbine farms is better than that of most other sources.

Do Americans still support solar panels and wind turbines?

Most U.S. adults continue to support expanding solar panel farms (84%) and wind turbine farms (77%), but Republicans and Democrats are increasingly divided in views on these two energy sources, according to a recent Pew Research Center survey.

Do Americans want more solar and wind?

Recent public opinion surveys give a clear message: most Americans want more solar and wind and less carbon pollution. The 2023 Yale Climate Opinion Maps show that 79% of U.S. adults support funding research into renewable energy, while 74% would support regulating carbon pollution.

This paper investigates the outcome of a survey related to solar photovoltaic energy utilization. Here public opinion on the use of solar photovoltaics for energy generation ...

The most recent update to the Garnaut Climate Change Review (Garnaut, 2011) concludes that an overhaul of the electricity sector is fundamental for Australia to reduce its ...

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Large-scale solar power generates about 4% of all electricity in the U.S. Capacity has almost doubled in the last year. Smaller-scale installations - including solar panels on things like homes and public buildings - have also ...

The solar PV suitability analysis provides optimal locations for solar PV power plant installations. To find suitable locations for solar PV, factors that affect suitability were identified and ...

A total of 109,242 comments and 33,445 replies to comments were analyzed. Unlike the results of the article analysis, new keywords such as "Solar power", "Panel", "Wind ...

In addition, a comparison is made between solar thermal power plants and PV power generation plants. Based on published studies, PV-based systems are more suitable for small-scale power ...

Large majorities of Americans favor expanding renewable sources to provide energy, but the public is far less supportive of increasing the production of fossil fuels, such as oil and gas, and nuclear energy. Fully 89% ...

Most Americans favor expanding solar power (92%) or wind power (85%), including strong majorities of both Republicans and Democrats. The public, however, is evenly divided over whether to expand nuclear power ...

The global capacity of renewable sources of energy is 2357 GW in 2019 with a rise of 176 GW from 2018. Among them, solar energy is dominant with a total installed capacity of 623 GW in 2019 and 55% of the newly ...

The use of renewable energy resources such as solar, wind and biomass will not diminish their availability. Sunlight being a constant source of energy is used to meet the ever-increasing energy need.

This aligns with the rhetoric of interviewees who regularly juxtaposed nuclear energy with wind and solar power, especially pro-renewables opponents of nuclear energy. ...

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