



# Statistics Bureau Solar Power Generation

What percentage of US electricity is generated by solar power?

According to our Electric Power Annual, solar power accounted for 3% of U.S. electricity generation from all sources in 2020. In our Short-Term Energy Outlook, we forecast that solar will account for 4% of U.S. electricity generation in 2021 and 5% in 2022.

What percentage of electricity is generated by solar PV?

As a result of these cost savings, the end-use solar PV share of total electricity generation has more than doubled from 0.4 percent in 2015 to about 1.0 percent in 2019. <sup>10</sup> It is projected to be about 2.0 percent of all electricity generation by 2029. <sup>11</sup>

Does the Bureau of Labor Statistics have employment data for solar power?

The Bureau of Labor Statistics does not currently have employment data for the solar power industry. BLS has begun collecting green jobs data and it is expected to be available in 2012. For more information on the BLS green jobs initiatives please see

Which states have the largest solar PV capacity?

Outside of California, Texas, Florida, and North Carolina were the states with the largest solar PV capacity. In recent years, solar power generation has seen more rapid growth than wind power in the United States. However, among renewables used for electricity, wind has been a more common and substantial source for the past decade.

Where can I find employment statistics for the solar power industry?

The wages shown are median annual wages for the United States as a whole; wages vary by employer and location. (1) The Occupational Employment Statistics data are available at [The data do not include benefits.](#) The advancement of the solar power industry has led to job creation in a number of other occupations as well.

Does BLS have wage data for the solar power industry?

BLS does not currently have wage data specific to the solar power industry. However, BLS does have wage data for the Semiconductor and Other Electronic Component Manufacturing industry group, which includes production of solar panels. The following table shows BLS data for selected occupations in this industry group for May 2010.

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Solar energy is Puerto Rico's fastest growing source of renewable generation, increasing from 0.5% of total generation in 2015 to 1.7% in 2021. <sup>103</sup> The largest solar farm, the 45-megawatt Oriana facility, came ...



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The International Energy Agency (IEA) reported that the United States installed 15.6 GW ac of solar capacity in in the first quarter (Q1)/second quarter (Q2) of 2024 (the Solar Energy Industries Association reported 21.4 ...

The Australian Energy Statistics is the authoritative and official source of energy statistics for Australia and forms the basis of Australia"s international reporting obligations. It is updated annually and consists of historical energy ...

Market Size & Industry Statistics. The total U.S. industry market size for Solar Electric Power Generation: Industry statistics cover all companies in the United States, both ...

The rapid growth in power generation from solar shows that the solar capacity boom is delivering new electricity supplies at a scale sufficient to cover much of China"s demand growth. ...

In addition, as solar power generation becomes more widespread, the cost of installing solar-generation capacity will continue to fall. And as the price of fossil fuels increases, solar power will become more cost effective relative to ...

The combination of Electric Power Generation, Transmission, Distribution, and Storage, and Fuels, is the largest with 3.1 million workers - a decline of 9.8% from 2019. This is followed by Motor Vehicles with 2.3 million, a 9.0% decline, ...

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Web: <https://inmab.eu/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

