

Small solar power generation in June

How much solar energy will be generated on 21 June?

In comparison, last year this value was 16%. For the 24 hour average, Ember forecasts that solar will provide 8.2% of global electricity generation on 21 June. Although the solstice is the longest day of the year, all days in June are similar enough in length that solar generation on this day will be very close to the monthly average.

Will solar power the world on 21 June?

Ember estimates that across the midday peaks on 21 June, the UN's International Day of the Celebration of the Solstice - 20% of the world's electricity will come from solar. In comparison, last year this value was 16%. For the 24 hour average, Ember forecasts that solar will provide 8.2% of global electricity generation on 21 June.

How much solar energy is generated in June 2024?

Based on historical monthly data, monthly global solar generation is quite similar from May to August, although its share falls slightly towards August, as global electricity demand rises due to increased air conditioning demand in the northern hemisphere. Ember's forecast for June 2024 is 8.2%, compared to 6.7% recorded in June 2023.

Will solar power grow in China in 2023?

In China, the world's largest solar market accounting for 36% of global solar generation in 2023, we expect the share of solar in total electricity generation to reach 9.6% in June 2024, up from 7% in June 2023. On average, for the full year 2023, solar's share in China's electricity generation was 6.2%.

In June, global solar generation typically has a seasonally higher share due to the longer summer days in the northern hemisphere, where Ember estimates 89% of the world's solar panels ...

PV producing record 8% of global power generation on solstice day Photovoltaic panels generated 8.2% of the global electric power produced on June 21, the day recognised by the UN as ...

Since solar PV and onshore wind are the cheapest technology options to add new power generation in China, facilities were receiving 15- to 20-year contracts at provincial coal benchmark ...

Solar power generation has reached new world records, according to a new report by independent energy think tank, Ember. The report shows a significant growth and untapped potential ...

As the summer solstice hits on June 21st, the UK is set to experience its longest day of the year, with up to 16.5 hours of daylight. This period is a golden opportunity for solar energy ...

China has installed 14.36GW of solar PV in June 2025, down 85% from the previous month and also decreasing 38% from the same period in 2024.

On July 20, China's National Energy Administration (NEA) released statistics on the nation's power industry from January to June. From January to June this year, the country added ...

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Energy generation from renewables continued its steady upward trend, as a result of increases in solar generation (and despite a drop in wind and hydro generation).

China added 212.2 GW of new solar capacity in the first half of 2025, pushing total installed PV capacity past 1.1 TW, according to the National Energy Administration (NEA).

Ember estimates that 20% of global electricity generation across midday peaks on the solstice today will come from solar and in the entire month of June, solar will generate 8.2% of global ...

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