

# National wind power curtailment rate

In reality, since the government mandates a curtailment rate for each province, local authorities may instruct the wind power industry to reduce utilization hours, thereby decreasing the ...

The curtailment rate for solar power rose to 6.6% in the first half of 2025 from 3.9% in the same period a year earlier while the rate for wind rose to 5.7% from 3%, according to the...

The latest information and the future estimations of curtailment in several countries/areas are summarised, including Ireland, California and Texas in U.S., and Japan.

Solar and wind power curtailment rates rose to 4% and 3.9% in 1Q24, 2pp and 0.7pp up yoy, respectively, as capacity additions continued to break records. China added 45.8GW of solar ...

China has a national curtailment limit of 10% for renewable energy, relaxed from 5% in 2024 as the integration of increasing renewable energy into the grid became more challenging.

Curtailments occur when wind and solar are capable of generating electricity, but operators cannot dispatch that electricity into the grid. This data-file tabulates curtailment rates in ...

Italy, China and ERCOT (Texas) had relatively high curtailment reduce output from other resources (e.g. minimum generation ratios in their earlier stages (low wind energy share) but have dramat- thermal ...

China's solar and wind curtailment rates rose sharply in the first half of 2025, highlighting growing grid constraints amid record renewable additions. Solar curtailment reached 5.7 per cent, up ...

Wind power curtailment remains critical yet mitigated recently in China. Among the key factors, local demand, exports, and power structure contribute the most to reducing wind power ...

The following charts show the daily and 7-day wind and solar curtailment by category, if any. The following charts show monthly year to date wind and solar curtailment by category, if any. ...



# National wind power curtailment rate

Web: <https://klconsulting.co.za>

