

# China s wind power curtailment rate



## China's wind power curtailment rate



### China's rising curtailment rates will not slow down renewable

The expansion of renewable energy in China will continue despite the projected rise in curtailment rates after the allowed limit was doubled to 10%.

### Average wind curtailment rate and power in China. (Data source

Using the existing state of wind power in China as a starting point, this article examines the causes of curtailment of wind power and the obstacles that must be overcome to improve the situation.

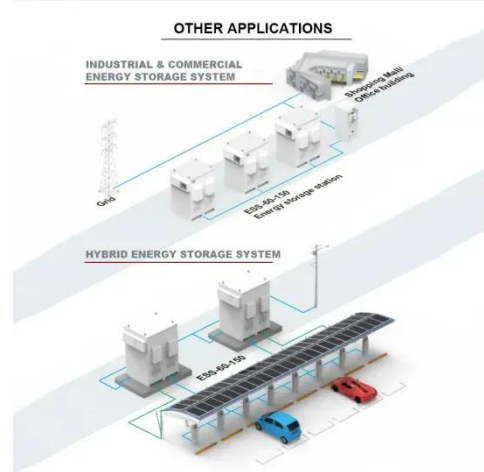


### China faces rising renewable energy curtailment

China faces rising renewable energy curtailment. In the first half of 2025, the curtailment rate for solar power reached 6.6%, up from 3.9% during the same period of 2024.

### Winding down the wind power curtailment in China: What made ...

In northwest China, power transmission is vital to reduce wind power curtailment. In north China, thermal power remains dominant because of its importance to national energy security, ...



### FACTSHEETS SERIES ON CHINA ENERGY TRANSITION ...

The development of wind power and solar PV in China is mainly driven by policies. The most important top-level policy documents in the field of renewable energy are the "14th Five-Year ...

### China's Wind and Solar Curtailment Rises on Record-High ...

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's renewable curtailment worsens amid grid delays

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 ...



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## Summary of China's energy and power sector statistics in 2024

It is published annually as a March special issue of the China Energy Policy Newsletter. The Summary summarises the annual statistics of China's energy and power supply and ...



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## B: Wind Power

Initially, most wind power was located in China's northern provinces, but in recent years new development has tended to shift towards the more populous eastern provinces. Curtailment of ...

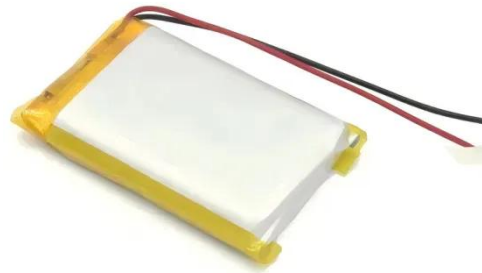


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## WISO23-143 Yasuda (Curtailment)revised

region. China is also commissioning additional transmission capacity, protocols to curtail solar energy in case of critical grid improving the flexibility of

coal-fired power plants, and ...



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