

Generation of electricity from the Concord Wind Power Project



Overview

Concord New Energy Group reported that its attributable power generation in January 2026 rose to 876.25 GWh a year earlier, driven mainly by a 19% increase in solar power generation. Innovations such as TOPCon, back-contact, and tandem cells for enhanced efficiency and energy yield. AI-driven analytics, predictive maintenance, and digital twins for optimized operations. The latest announcement is out from Concord New Energy Group (HK:0182). Rising from the hills of Dao County in Hunan Province, China, beyond the city of Yongzhou, a dramatic sight appears on the horizon. It is planned in Liaoning, China. According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the project is currently at the partially active stage. Wind energy, an integral part of California's electricity portfolio, is needed to help meet the state's Renewables Portfolio Standard, which requires utilities to procure 60 percent of retail sales from renewable sources by 2030.

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Electricity generation from wind

Wind flows over the blades creating lift (similar to the effect on airplane wings), which causes the blades to turn. The blades are connected to a drive shaft that turns an electric generator,

[Concord New Energy Boosts January Power Output on Strong Wind](#)

Concord New Energy Group reported that its attributable power generation in January 2026 rose to 876.83 GWh, a 16.87% increase from 750.25 GWh a year earlier, driven mainly by a 19.95%



Renewable Energy Generation

Large-scale wind energy projects that drive sustainable growth. Continuous innovation to maximise wind turbine performance. Smart data analytics for predictive maintenance and optimal energy output.

Wind Energy in California

The cost of producing wind energy has decreased nearly fourfold since 1980, according to the Electric Power Research Institute. Wind energy is the country's fourth-largest source of electric capacity,



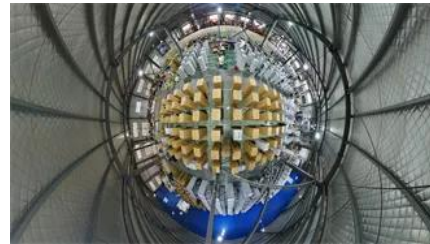


[Apple-launched China Clean Energy Fund invests in three wind farms](#)

Here, the massive blades of wind turbines from the Concord Jing Tang and Concord Shen Zhang Tang wind farms turn rhythmically in the sky. Developed by the Concord New Energy

[Concord New Energy Group to Invest \\$113 Million in a Solar Energy](#)

The initiative involves a wholly-owned subsidiary partnering with contractor NoBull Energy to develop a 147MW AC solar-powered electric generating facility combined with a 361MWh battery



Concord Green Energy , Concord Pacific , Canada Energy

Concord Green Energy's first-ever power project was Red Lily in Saskatchewan and was built almost a decade ago to help diversify SaskPower. Concord's subsequent wind farms are in Ontario and are

Generation and Storage Facilities

We Energies power plants.



[Concord New Energy Boosts January Power Output on Strong Wind Generation](#)

Concord New Energy's January 2026 power generation rose 16.87% year-on-year to 876.83 GWh. Growth was driven by a near 20% jump in wind output, offsetting a slight decline in

[Power plant profile: Liaoning Changtu Concord Wind Power, China](#)

This information is drawn from GlobalData's Power Intelligence Center, which provides detailed profiles of over 170,000 active, planned and under construction power plants worldwide from announcement



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