

In 2018, 7% of Mongolia's electricity came from renewable power sources, mainly wind power. [6] Mongolia has very sunny weather with average insolation above 1,500 W/m<sup>2</sup> in most of the country, making solar power highly available. 247 MW of solar power plants have been approved for construction.

ULAN BATOR, Sept. 18 (Xinhua) -- Mongolia signed an agreement on Friday to build a hydropower plant in the western part of the country with Chinese companies, according to Mongolia's energy ministry.

Mongolia is at the heart of their plan--giant wind farms will feed renewable energy into the grid, generating export earnings for the country. Orchlon's role in the project is to make sure that the renewable energy infrastructure in Mongolia gets built.

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The Inner Mongolia autonomous region is leveraging its abundant wind and solar power potential to revolutionize its energy landscape, transforming itself into a hub for clean, sustainable power generation, the region's officials said on Friday.

In 2010, the total amount of electricity produced by all types of power plant in Mongolia are 4,256.1 GWh (thermal power), 31 GWh (hydroelectric), 13.2 GWh (diesel) and 0.6 GWh (solar and wind). In 2012, coal was used to generate 98% of the electricity in Mongolia. Coal-fired power stations are the dominant type of electricity generation in Mongolia

Due to its domestic reserves, Mongolia has so far mainly relied on coal to generate electricity and heat. Demand for energy is growing steadily: demand for electricity grew by 5.8 per cent in 2022. However, the country is not investing enough in maintenance and network expansion.

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The government of Mongolia has set targets to increase the share of generation capacity from renewable energy sources to 20% by 2023 and 30% by 2030, and to build export-oriented power plants. The goal of these



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policies is that Mongolia will become an energy exporting country in the

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