

Does the State Grid Corporation of China promote new energy accommodation?

Based on the State Grid Corporation of China's development of new energy and its accommodation patterns, the mechanisms of new energy accommodation, and the continuous 'double-decline' effect in recent years, this article analyses a series of measures adopted by State Grid Corporation of China to promote new energy accommodation in China.

What is State Grid Corporation of China (State Grid)?

State Grid Corporation of China (State Grid) is traveling the road of green development and has set a goal of becoming a world-leading energy internet enterprise with Chinese characteristics.

What is the energy utilization rate of State Grid?

By the end of 2019, the new energy utilization rate of State Grid's operating projects reached 96.8 percent. So far, the installed capacity of the company's new energy-based projects exceeds 350 million kW, which is the largest energy volume produced by wind and solar power in the world. Promoting electrical energy in rural areas

What are the limitations of China's solar power grid construction?

Limitations of the construction of power grid As shown in Section 2, one of the characteristics of China's solar energy distribution is its concentration in remote areas such as northwest China and Inner Mongolia. As far away from load demand center, the power grid construction is relatively weak in those areas.

What is the installed capacity of photovoltaic and solar-thermal power generation?

Among them, the installed capacity of photovoltaic power generation will be more than 105 GW and the installed capacity of solar-thermal power generation energy will be 5 GW [6, p.11].

What are the three division criteria of solar energy?

The first division criteria is the total quantity of solar energy resources. The second division criteria is the monthly distribution of most and least days of sunshine duration exceeding 6 h. The third division criteria is the utilization hours of daytime solar energy.



Solar power generation of State Grid Corporation

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