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# Moscow solar Energy Storage Project

How much does a solar power plant cost in Russia?

According to Russian suppliers for solar power plants (altecology.ru,2019; Solar controller,2020),the average cost of equipment for solar power plants with an installed capacity of 10 MW is 310 million rubles.

How many solar power plants are there in Russia?

Insolation map of Russia (Map of Insolation of Russia,2019). At the beginning of 2020,thirteen solar power plantswith a total installed capacity of more than 300 MW are already operating in this region (Solar Power Plants in the Orenburg Region,2019).

How many solar power plants will be installed in 2020?

According to experts' forecasts (ural56.ru,2019),by the end of 2020,at least threemore SPP with a total installed capacity of about 90 MW should be put into operation. Moreover,some solar stations are hybrid and generate energy together with wind and biogas plants.

What are the daily hours of solar power generation in the Orenburg region?

The distribution of daily and annual electricity generation presented in Figures 2,3 indicates that the daily hours of maximum generation power of solar stations in the Orenburg region is reached from 12 p.m. up to 3 p.m.mainly in the spring and summer months.

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Keywords: renewable energy, solar energy, solar power plants, economic efficiency, energy storage, government support, Russia Citation: Rausser G, Chebotareva G, ...

You know, when people think of solar power, Russia's frozen tundra isn't exactly the first image that comes to mind. But here's the kicker: Russia's solar energy storage projects grew 37% ...

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