

## How much is the price of Iran s wind power base station

How much wind energy does Iran need?

Meeting 5% of Iran's electricity demand through wind energy would require around 11 GWof installed wind capacity,translating to more than 20,000 green jobs.

Does Iran have a wind power plant?

Following the 1994 construction of Iran's first wind power plant in Manjilin the Gilan province, the government's policy has been to increase the participation of the private sector in the development of wind energy in the country. Most of Iran's wind power plants have been constructed over the last decade.

Why is Iran reducing the feed-in tariff for wind energy?

While attractive policies are already in place to incentivize wind energy development in Iran,the feed-in tariff (FiT) for wind energy has dropped to around 3 cents per kWh because of the sharp depreciation of the Iranian rialbetween 2018 and 2020.

Why did Iran increase solar and wind energy prices in 2022?

In November 2022, the Iranian government increased private companies' guaranteed purchase prices for solar and wind power generated by 20-60% compared to 2021. Iran's Ministry of Energy announced a new directive to raise tariffs (for private sector producers) to encourage investment.

Why should companies invest in onshore wind energy in Iran?

The adoption of onshore wind energy with advanced technologyattracts companies for high investment. Iran's onshore wind power installed capacity increased by 0.6% in 2021. In 2021, the installed capacity of solar energy in Iran was 310 MW as compared to 2020, which was 308 MW.

Can wind energy be financed sustainably in Iran?

The unique contribution of this study is that it provides a comprehensive country-wide technical analysis using hourly data of wind meters in all provinces of Iran. Moreover, this study provides a novel country-level financial analysis of wind power in Iran and suggests potential sources of financing wind energy in Iran sustainably.



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