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Title: Egypt has a good wind solar and energy storage ratio

Generated on: 2026-03-20 16:24:19

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What percentage of electricity is renewable in Egypt?

Egypt aims for 42% renewable electricity by 2030, which is below the global share of 60% renewable electricity set out in the IEA Net Zero Emissions scenario. Loading data... Explore the latest data on Egypt's energy transition. How clean is Egypt's electricity?

Does Egypt have wind power?

With its advantageous conditions to harness solar and wind power, Egypt recognises renewable energy as a pivotal factor for its economic growth. The country possesses considerable wind energy potential, particularly in the Gulf of Suez area, where stable wind speeds average 8m-10m per second at a height of 100m.

How much electricity will Egypt generate by 2040?

Egypt has revised its targets upward, now aiming to generate 42 percent of electricity from renewable sources by 2030 and over 60 percent by 2040, leveraging wind, hydropower, photovoltaic solar, and emerging technologies such as green hydrogen.

Is solar energy a viable option in Egypt?

Egypt has a solar energy potential of 74 billion MWh per year, according to the Global Solar Atlas . Solar energy projects have long been noted to be economically viable. The predicted figure is significantly more than Egypt's current electricity production ,,

s to produce 42% by 2035 of total electricity from renewable sources (IRENA, 2018). Egypt has favorable conditions for wind energy development, including an abundant wind resource that is ...

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