



# Expected ROI of wind solar storage project in Egypt 2026

How much wind energy will Egypt have by 2026?

According to Energy Business Review, the Egyptian government has already secured \$3.5 billion in investments for wind energy projects. These projects will add 6.4 GW of new wind capacity by 2026, more than doubling the current wind capacity in the country.

Will solar power boost Egypt's national energy mix by 2026?

This will significantly increase the share of solar power in the national energy mix. Together, these wind and solar projects will boost the share of renewable energy in Egypt's national grid to 30% by 2026. For more insights into Egypt's solar initiatives, you can explore Egypt Harnesses Solar Potentials Amid Rising Gas Prices.

How many MW solar & battery storage will be built in 2026?

The project will be constructed in two phases. The first phase of 561 MW solar + 100 MW/200 MWh battery storage is targeted to reach commercial operational date (COD) in the first half of 2026 and the second phase of 564 MW solar in the second half of 2026.

Is Egypt investing in solar power?

In addition to wind energy, Egypt is also investing heavily in solar power. By 2026, the country plans to install 5.6 GW of new solar energy capacity. This will significantly increase the share of solar power in the national energy mix.

How many solar power plants are there in Egypt?

The 37km<sup>2</sup> park has been connected to Egypt's National Grid since 2019 and was developed in line with the Egyptian New and Renewable Energy Authority's agenda. The project comprises 41 solar power plants and was built to the tune of \$4 billion by 30 companies. Gabal Al-Zait: 580 MW Wind Farm

Where is Egypt's first wind farm located?

The state-owned Zafarana wind farm is located in Suez and was built in eight phases between 2000 and 2010, making it one of Egypt's first wind farms. The farm is 120km<sup>2</sup> in size and boasts 700 turbines with a combined capacity of 545 MW. The EUR110 million wind farm was supported by soft loans from Denmark, Spain, Japan and Germany.



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