

## SolarTech Power Solutions

# Egypt s bifacial solar panels generate electricity



## Overview

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With ambitious plans to produce 20 GW of solar panels annually, Egypt is poised to become a major player in the global manufacturing industry. This initiative is central to Egypt's broader strategy for transforming the country into a regional clean energy hub, a development detailed in reports like.

Egypt's 5 GW solar project at Nasser Lake will significantly contribute to Egypt's 2030 renewable energy goal, creating thousands of jobs and stimulating local economies. The project will use advanced solar technologies, including bifacial and high-efficiency monocrystalline panels, smart inverters.

Egypt will begin solar panel production in early 2026 with a local component rate of up to 90%, according to Hossam Heiba, CEO of the General Authority for Investment and Free Zones (GAFI). Heiba said the move marks a significant step in Egypt's transition toward renewable energy, supported by.

The Egyptian Government launched a solar Feed-in-Tariff programme in 2015 with a goal of generating 20% of energy from renewable sources by 2022. With a planned capacity of 1.8 GW and covering 36 km<sup>2</sup>, the Benban site near Aswan was in 2019 the world's largest one-site solar project. Scatec entered.

- "Massive solar panel production in Egypt with 90% local components is expected by Q1 2026". - "The greener the project is, the greater the investment incentives are granted". - "Egypt is poised for a major leap in the renewable energy sector over the next two years". - "Business community is.

Egypt to launch large-scale solar panel production in early 2026 – GAFI Egypt’s renewable energy sector is poised for major expansion, with large-scale solar panel factories expected to begin production in early 2026 using up to 90 per cent locally made components, the country’s investment chief.

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