



# Energy storage solar power station project under construction in Iran





## Overview

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MAPNA Group has set a new national record in the construction and commissioning of Iran's largest solar power plant. On May 5, 2025, MAPNA Special Projects Construction and Development Company (MD-3) successfully completed the installation of the 18th inverter at the Aftab-e-Shargh Solar Power.

The recent opening of Iran's largest solar power plant, Aftab Sharq, in central Isfahan province, marks a significant milestone in the country's pursuit of self-sufficient renewable energy technology. President Masoud Pezeshkian officially inaugurated the 120 MW Aftab Sharq facility in the presence.

TEHRAN - Iran installed approximately 600 megawatts (MW) of solar power capacity in the past Iranian year (ending March 2025), marking a fourfold increase over the previous annual average of 150 MW, according to Alireza Parandeh Motlaq, deputy head of the Renewable Energy and Energy Efficiency.

Arzesh Holding proudly announces the commencement of constructing the largest fully private solar power plant in the country — a project that will be implemented in two phases across two strategic locations in Iran. Construction of Iran's Largest Fully Private Solar Power Plant by Arzesh Holding.

Iran has opened the first phase of its largest solar power plant as part of a massive government program to expand renewables capacity in the country. Tehran - ISNA - Iranian President Masoud Pezeshkian used a video link on Thursday to open a 120 megawatt (MW) unit of the Aftab Shargh solar farm in.

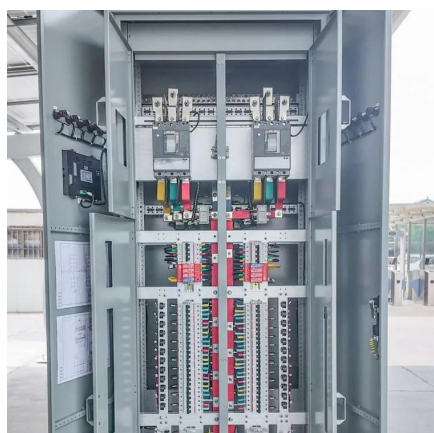
Iran has recently secured significant financing from China to support the construction of a massive solar power plant project with a total capacity of 1,758 megawatts (MW). This initiative is a critical part of Iran's strategy to enhance its



renewable energy infrastructure and reduce its reliance.



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### [Iran inaugurates nation's largest solar power plant ...](#)

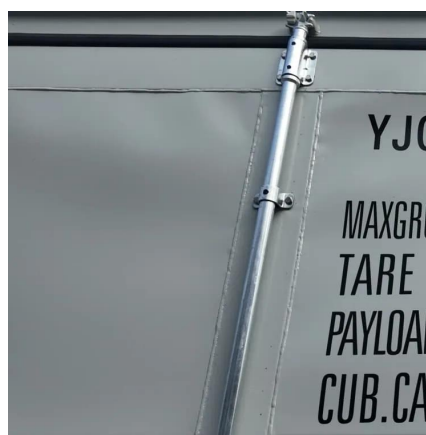
Iran's largest solar power plant was officially inaugurated in Kuhpayeh, Isfahan, during an online ceremony attended by President ...

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### MAPNA Sets New Record with Construction of Iran's Largest ...

The first phase of the solar farm, with a capacity of 20 megawatts, was synchronized with the national grid in October 2024. The solar farm is being developed by a ...

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The 120 MW Aftab Sharq solar plant in Isfahan, a EUR305 million project set to expand to 600 MW, advances Iran's renewable capacity goals amid Western sanctions.

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Iran has opened the first phase of its largest solar power plant as part of a massive government program to expand renewables capacity in the country.

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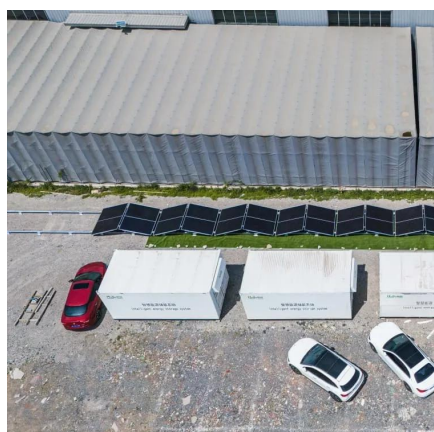
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## **Iran Negotiates with Chinese Firms to Expand Solar Power, Energy**

Iran is in talks with several leading Chinese companies to develop solar power plants and battery energy storage systems (BESS) as part of its strategy to increase ...

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## **MAPNA Sets New Record with Construction of Iran's Largest Solar Power**

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## **Iran adds 600 MW of solar power, launches major renewable projects ...**

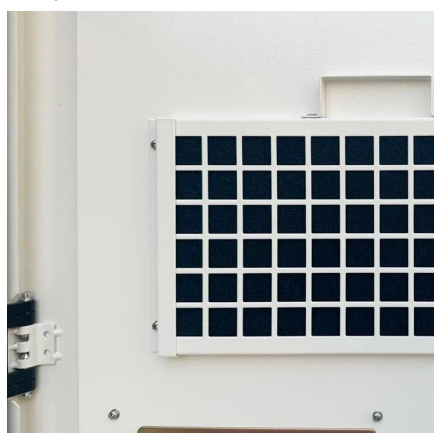
Construction has already started at 856 sites across the country, including in seven provincial capitals. The initial phase covers five regions: Golestan, Bushehr, Fars ...

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## **Iran inaugurates nation's largest solar power plant amid water, energy**

Iran's largest solar power plant was officially inaugurated in Kuhpayeh, Isfahan, during an online ceremony attended by President Massoud Pezeshkian and senior officials on ...

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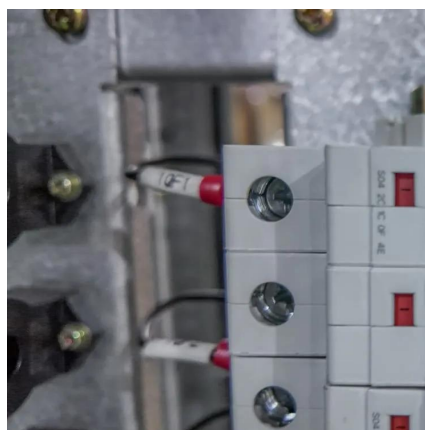
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