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Syria Grid Energy Storage Project



Overview

In the heart of the Middle East, Syria is quietly making waves with its groundbreaking energy storage project – a \$120 million initiative aiming to stabilize the national grid while integrating solar farms across Homs and Aleppo. How much will a collapsed electricity grid cost Syria?

According to Ghassan al-Zamel, former Minister of Electricity under the Assad regime, speaking in 2024, the combined direct and indirect costs of Syria's collapsed energy grid could amount to \$120 billion over 12 years. "Syria can never become a destination for inward investment without electricity," argues Hobhouse.

What is the best way forward for Syria's energy sector?

He believes that the best way forward for Syria's energy sector lies in accelerating the adoption of renewable energy sources, due to the long-term economic and environmental advantages of renewable sources, including "energy independence, job creation, and reduced operational costs."

How much power does Syria have?

Years of fighting, neglect and corruption have crippled over 50% of Syria's energy grid, with capacity dropping from 8,500MW in 2011 to just 3,500 currently, according to the European Institute for Strategic Studies.

How has the war affected Syria's electricity grid?

The war has seen Syria's oil and gas production fall by a staggering 95%. [Getty] The most sizable problem facing Syria's electricity grid is that large sections of its key infrastructure - nearly two-thirds - have either been destroyed or left in a state of decay over the last decade.

Is Syria's energy system in ruins?

Syria's energy system is in ruins. To rebuild energy security the country's new government faces two major challenges. The first, vital for Syria's swift

recovery and political stability, is bringing reliable flows of electricity and fuel to its people.

What if Syria doesn't have reliable energy supplies?

The lack of reliable energy supplies is a major concern for Syrian citizens and its new government, making it a key point of leverage. Qatar and Türkiye have stepped in to provide short-term assistance. The two states have provided two floating power stations, while Türkiye is also connecting its grid to Syria.

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