

ContainerPower Energy Solutions

Can Syrian households store energy



Overview

A UN report found that 23% of Syrian households now have some form of solar+storage. Compare that to 6% in 2019. That's not just growth—it's a revolution powered by necessity. How is energy used in Syria?

Total energy supply (TES) includes all the energy produced in or imported to a country, minus that which is exported or stored. It represents all the energy required to supply end users in the country.

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 can a new energy policy help Syria's energy crisis?

Fostering such an approach could help circumvent the vast amount of capital and time required to restore Syria's large-scale energy infrastructure, whilst more directly addressing Syria's urgent electricity shortage.

Does Syria have enough fuel to run its power plants?

Despite the big-ticket deals, Syria's most immediate challenge is that it simply doesn't have enough fuel to run its remaining power plants. Before the Syrian civil war, the country was a net fossil fuel exporter, but the conflict has seen its oil and gas production fall by a staggering 95% according to numbers from BP's 2019 statistical review.

Will Syria's electricity woes slacken?

Damascus, Syria - With electricity only available a few hours a day, there is little relief from the sweltering heat these days in Damascus. But US President Donald Trump's decision to lift long-standing sanctions on Syria in May, and a rash of recent energy deals, are triggering optimism that Syria's electricity woes may soon begin to slacken.

How can the Syrian government improve the electricity system?

Beyond just securing high-profile investments, the Syrian government must be able to repair and modernise the key transmission lines that crisscross the country, whilst ensuring that they stay free from looting and people siphoning electricity illegally off the grid.

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