

SolarTech Power Solutions

Algeria Township Energy Storage Power Station



Overview

How many MW does Algeria's new power plant generate?

Both plants, being developed by Algeria's state-owned Sonelgaz, will each generate 1,340 MW. Both projects are expected to start operations in 2025 and are expected to enhance Algeria's power generation infrastructure while supporting energy security and fuelling the country's economic growth.

Which power plants are being built in Algeria?

Combined Cycle Power Plants: Biskra and Bellara Algeria's electricity generation capacity is set to grow with the construction of two major combined cycle power plants: Biskra and Bellara. Both plants, being developed by Algeria's state-owned Sonelgaz, will each generate 1,340 MW.

Does Algeria have solar power?

Algeria has renewable energy potential along its relatively long coastline on the Mediterranean Sea, which is suitable for wind, while desert regions offer significant solar power potential. Algeria has 13 hydropower plants, mainly located in the northern parts of the country, where rainfall is relatively plentiful.

How much electricity does Algeria generate?

Algeria also had installed electricity generation capacity of 22.6 gigawatts (GW) and generated 96.3 GWh of electricity. Nearly all (97%) of Algeria's installed generation capacity is fossil fueled. The remaining capacity is hydroelectricity or other renewable sources. Algeria's installed capacity grew by about 42% over the past decade.

Does Algeria have a LNG terminal in Arzew & Skikda?

Algeria has two operational LNG terminals in Arzew and Skikda, which are owned and operated by Sonatrach. In February 2022, Sonatrach signed a contract with Sinopec to expand and upgrade the Skikda LNG terminal by

increasing its storage capacity and modernizing its port facilities to accommodate larger vessels (Table 3).¹⁷

Why are Algeria and Italy collaborating on a submarine electricity cable project?

In a move to strengthen energy ties with Europe, Algeria and Italy are collaborating on a submarine electricity cable project. This cable will facilitate the export of electricity generated from both natural gas and renewable energy sources in Algeria.

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