

## A-Core Container

# What is the Algeria energy storage project



## Overview

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The In Salah CCS project in central Algeria is a world pioneering onshore CO<sub>2</sub> capture and storage project which has built up a wealth of experience highly relevant to CCS projects worldwide.

This project aligns with both Algeria and Europe's climate goals and is a critical component of Algeria's broader strategy to become a key player in the global green hydrogen market.

The Algerian solar power supply chain grew significantly in the last decade and now seeks to add IPP development, engineering and design capabilities, EPC services, inverters manufacturing, storage solution manufacturing, universal certification expertise, and operations and maintenance services. What is Algeria's solar power supply chain?

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How will natural gas boost Algeria's energy exports to Europe?

These developments – spanning natural gas, electricity and renewable energy – will enhance Algeria’s energy exports to Europe and expand its domestic capacity. Hassi R’Mel Gas Boosting Project The Hassi R’Mel gas field, one of the largest in the world, is central to a \$2.3 billion project designed to optimize gas flow efficiency to Europe.

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.

What are Algeria's key energy projects in 2025?

Algeria is advancing several key energy projects in 2025, aimed at increasing natural gas production, expanding electricity generation and enhancing renewable energy capacity.

How much electricity does Algeria generate a year?

Algeria currently generates a relatively small amount of its electricity (e.g., three percent or 686 MW annually), from renewable sources, including solar (448 MW), hydro (228 MW), and wind (10 MW).

Does Algeria have solar power?

Regarding solar power potential, Algeria is home to some of the world’s highest solar irradiance levels, with the capacity to generate 1,850 to 2,100 kilowatts per hour and up to 3,500 hours per year in its desert regions.

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