

## SolarTech Power Solutions

# Oman s new energy storage policy



## Overview

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The energy storage sector, currently in its infancy in Oman, is expected to receive significant impetus from the new policy (Picture credit: Reuters)

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Oman's Ministry of Energy and Minerals has introduced a new policy framework to support renewable energy growth. The policy includes electricity generation, transmission, and energy storage. Investments in energy storage have been limited due to high costs and efficiency concerns. The new framework.

Oman's Ministry of Energy and Minerals has introduced a new policy framework aimed at boosting the integrated renewable energy capacity that encompasses generation, transmission, and energy storage. The initiative seeks to address the lag in investments for energy storage due to high upfront costs.

The Sultanate of Oman is making significant efforts to implement green energy projects, with Oman Vision 2040 aiming for renewable energy to contribute around 30% of total electricity generation by 2030. Engineer Salim Al Afi, Minister of Energy, said that five or six new renewable energy projects.

The self-generation policy aims to regulate the process of electricity self-generation from renewable sources to meet consumer needs, with the

obligation to obtain specific licenses from the Authority for Public Services Regulation (APSR). Small-scale projects that fall below a certain production. How will Oman's new energy policy affect energy storage?

MUSCAT: A new policy framework unveiled by Oman's Ministry of Energy and Minerals last week is expected to lend new impetus to the growth of integrated renewable energy capacity, encompassing not only generation and transmission, but crucially, energy storage as well.

Does Oman need energy storage?

Acknowledging the "absence" of energy storage technologies in Oman, notably because of the "high-costs" involved, the new policy nevertheless seeks to enable the deployment of economically feasible battery storage infrastructure and for these attendant costs to be recouped from large consumers benefitting from such investments.

What is Oman's electricity transmission policy?

The electricity transmission policy permits the use of the national grid to transmit electricity produced for direct sales. BUSINESS REPORTER MUSCAT, JAN 25 Oman's Ministry of Energy and Minerals has unveiled a new policy framework aimed at fostering the adoption of renewable energy and liberalizing the electricity market.

What is Oman's energy policy?

The policy marks a significant milestone in Oman's energy transition, as the Gulf nation targets generating 90% to 100% of its electricity from renewable sources by 2050, supporting its broader net-zero carbon emissions ambitions.

Is Oman ready for a return to a stable electricity supply?

In recent years, following energy market reforms, Oman has become accustomed to having a relatively reliable and stable electricity supply. However, today with rapidly rising demand, a return to the days of unscheduled power outages and voltage fluctuations could just be round the corner.

How has Oman restructured its energy sector?

In 2018, Oman restructured its utilities sector, making the Ministry of Oil & Gas (MOG) the main policymaker for all energy projects, and the MOG has also

led on the implementation of several renewable energy projects.

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