

Will Oman achieve net zero emissions by 2022?

In 2022, Oman announced a target to achieve net zero emissions by 2050 and began reducing fossil fuel use in its domestic energy mix. Based on IEA analysis of the current global project pipeline, Oman is on track to become the sixth largest exporter of hydrogen globally, and the largest in the Middle East, by 2030.

Will Oman be able to generate electricity from natural gas?

Based on recently awarded bid prices in the region, utility solar PV and wind are likely already competitive with electricity generation from natural gas in Oman. The IEA report's analysis indicates that Oman can cost-effectively achieve its targets of renewables reaching 20% of the country's electricity mix by 2030 - and 39% by 2040.

Is Oman a natural gas country?

Oil and gas today represent around 60% of Oman's export income, and domestic natural gas accounts for over 95% of the country's electricity generation. In 2022, Oman announced a target to achieve net zero emissions by 2050 and began reducing fossil fuel use in its domestic energy mix.

Does Oman have a Hydrogen strategy?

Oman has extensive expertise in handling and exporting both LNG and ammonia that is directly applicable to renewable hydrogen and hydrogen-based fuels. Oman is implementing concrete measures to achieve its ambitious targets. In 2022, the government established an independent entity, Hydrogen Oman (HYDROM), to lead and manage its hydrogen strategy.

Will Oman achieve a 2040 hydrogen target?

The 2040 hydrogen target would represent 80% of Oman's current LNG exports in energy-equivalent terms, while achieving the 2050 target would almost double them. "Oman is an oil and gas producer country that is taking an enlightened approach to its energy future, with a clear long-term vision and strong net zero ambitions," said Dr Birol.

Will Oman become the sixth largest exporter of hydrogen?

Based on IEA analysis of the current global project pipeline, Oman is on track to become the sixth largest exporter of hydrogen globally, and the largest in the Middle East, by 2030. Oman's hydrogen projects will use electrolyzers powered by renewable electricity to extract hydrogen from desalinated sea water.



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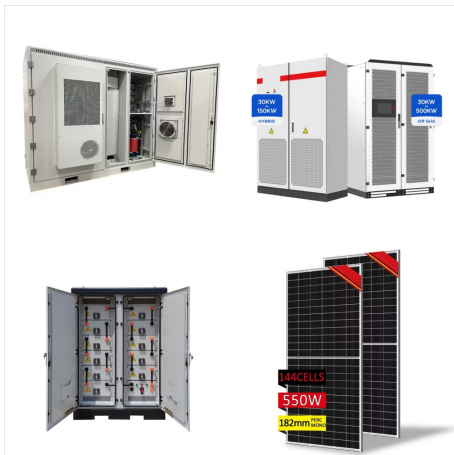
6 ? With a focus on environmental stewardship and long-term prosperity, OQAE ensures the delivery of sustainable solutions to meet Oman's evolving industrial energy needs", stated ???



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Oman could become a leading exporter of clean hydrogen by 2030, according to the International Energy Agency. The country's rich renewable resources and available land could help support the country's transition to a ???



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