

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.

How can energy storage improve the penetration of intermittent resources?

Energy storage can increase the penetration of intermittent resources by improving power system flexibility, reducing energy curtailment and minimising system costs. By the end of 2018 the global capacity for pump hydropower storage reached 160 GW whereas the global capacity for battery storage totalled around 3 GW (REN21 2019 ).

Why should I use PHES facilities in Oman?

Since PHES facilities have been used in several countries around the world and the technology is relatively mature, and also because the load centre in Oman is in the Muscat governorate, which forms an excellent location considering geological factors, this technology is recommended. There are two options for PHES facilities in MIS.

Is Oman ready to move away from the shared ownership structure?

Gas fields and processing plants are operated by PDO exclusively on behalf of the government and EDO. Looking to the future, Oman is prepared to move away from the shared ownership structure that is typified by PDO, allowing both domestic and international players to operate more independently.

Muscat Overseas Group has had a leading presence in shipping and logistics service for over a quarter century. This business vertical leverages the strategic location of Oman to offer integrated supply chain services - including air, ...

Peter subsequently joined Mercuria, one of the world's largest independent energy trading companies, and worked in a small team to build out its midstream asset portfolio, including the ...

Muscat Overseas Group has been a key participant in the development of the energy sector of the Sultanate since nearly 30 years. This business vertical specializes in the supply of advanced equipment and services for oil & gas, ...

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