

Oman electric grid



Overview

MUSCAT: The Oman Electricity Transmission Company has made strong progress in expanding and upgrading the national electricity transmission network, with 35 major projects currently under implementation at a total cost of around RO 250. The world of energy is changing at a dizzying pace. Just a few years ago, the average distance between the electricity generation point and the point of consumption was several kilometers. Nowadays it is extremely short, for example as little as almost nothing at all. Our aim therefore is to. The project involves building a 400-kilovolt double-circuit transmission line extending about 530 kilometres between the two countries. These projects form part of a wider long-term. A dynamic compensation station will be built to enhance grid stability and increase transmission capacity to up to 1,600 megawatts (Image: WAM) The Gulf Cooperation Council (GCC) Interconnection Authority recently announced the start of implementation of the direct electricity power interconnection. The state-owned Oman Electricity Transmission Company plans to spend more than OMR1 billion (\$2.

Oman electric grid



GCCIA starts \$700m Oman power grid interconnection , MEED

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The Gulf Cooperation Council Interconnection Authority has announced it has started implementation of a direct electricity interconnection between ...

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The Grid Code

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\$700 million GCC-Oman power grid interconnection project to ...

The Gulf Cooperation Council (GCC) Interconnection Authority recently announced the start of implementation of the direct electricity power interconnection project linking the GCC grid with ...

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Integration of Oman's electricity

grids drives investment

Oman's power grid consists of multiple systems. The largest portion, the Main Interconnected System (MIS), covers the north of the country, while the DPS covers the south.

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Home Energy Storage (Stackble system)



- Product Introduction**
- 1 Scalable from 10 kWh to 50 kWh
 - 2 Self-Consumption Optimization
 - 3 Integrated with inverter to avoid the compatibility problem
 - 4 LFP battery, safest and long cycle life
 - 5 Stackble design, effortless installation
 - 6 Capable of High-Powered Emergency-Backup and Off-Grid Function



Electricity Sector in Oman

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Alkhoud, Muscat, Sultanate of Oman
C.R.1/71234/9

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Grid Code Document

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Power System

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Electricity Sector in Oman

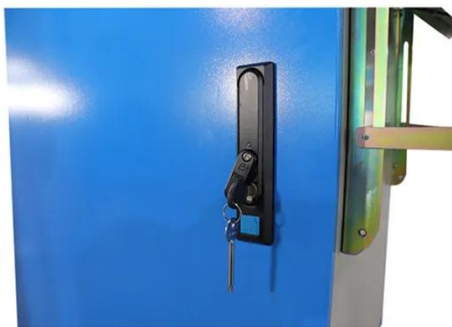
The electricity and related water sector in the Sultanate of Oman comprises three separate and distinct market segments : the Main Interconnected System ("MIS") in the north of Oman; the Rural System ...

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Power Conversion System

- Single-stage three-level modularization
- Multi-branch input to reduce battery series and parallels connection



GCC-Oman \$700 M lines to deliver 1.6 GW , Switchgear Magazine

Asia , FebruGCC-Oman \$700 M lines to deliver 1.6 GW Two 400 kV transmission lines and new substations will connect Oman with the GCC grid, boosting capacity, ...

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35 projects worth RO 250 million power Oman's grid expansion

The company's phased expansion of the national grid is expected to continue through to 2030, with total investments exceeding RO 1 billion. These efforts are

designed to support national ...

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Oman starts building a 1.6 GW power interconnection with GCC ...

The Gulf Cooperation Council Interconnection Authority (GCCIA) has announced the start of construction of a US\$700m direct power interconnection between Oman and the GCC regional ...

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OETC Commits \$2.2 Billion to Expand and Modernize Oman's Power ...

Oman Electricity Transmission Company (OETC) has allocated \$2.2 billion to implement 32 strategic projects aimed at expanding and modernizing the Sultanate's national electricity grid ...

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GCC Interconnection Authority begins direct power grid

A dynamic compensation station will be built to enhance grid stability and increase transmission capacity to up to

1,600 megawatts, improving electricity exchange efficiency between Oman and GCC

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Oman to expand and upgrade power grid , AGBI

The state-owned Oman Electricity Transmission Company plans to spend more than OMR1 billion (\$2.6 billion) by 2030 to expand and upgrade the national electricity grid.

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