

OAPIL's venture into composite core reinforced conductor manufacturing is a direct response to the rising electricity demand in rapidly urbanising regions and the need for smarter power grid solutions, enhancing its capacity, its reliability and resilience.

In support of the government's vision to develop smart cities in the Sultanate of Oman, the semi-government National Energy Center (NEC) plans to develop and roll out a complete suite of smart ...

The collaboration marks a new chapter for OAPIL as it continues to support Oman's sustainable Energy growth and the global energy transition towards cleaner and more efficient technologies ...

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This paper presents the current power situation in Oman, considering the prospects of the penetration of smart grid technologies with the national grid. The paper gives an extensive ...

A Smart Grid is an electricity network that can cost efficiently integrate the behavior and actions of all users connected to it - generators, consumers and those that do both - in order to ensure economically efficient, sustainable power system with low losses and high levels of quality and security of supply and safety....

In this paper, a model is designed to assess wind and solar power cost per kWh of energy produced using different sizes of wind machines and photovoltaic (PV) panels at two sites in Oman, which...

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