

MUSCAT: Nama Power and Water Procurement Company (PWP), the single buyer of output from power generation and water desalination projects in the Sultanate of Oman, is making headway in the implementation of a strategic study aimed at achieving an ideal mix of energy resources to sustain the country's energy requirements over the next 15 years.

MUSCAT, AUG 22. Nama Power & Water Procurement Company (PWP), the sole national buyer of all electricity and potable water output, plans to study options for developing energy storage capacity - a prerequisite for the optimal utilization of renewable resources in the Sultanate of Oman.

Using this approach, Oman aims to identify its needs for renewable energy (solar plants and onshore and offshore wind farms), energy storage and electricity transmission, while improving the stability and flexibility of its energy supply.<sup>13</sup>

Energy storage solutions play a critical role in transitioning to renewable energy as these address the irregular nature of energy sourced through renewable sources such as solar and wind. The Omani government has allocated 65,000sqkm of concession land for renewable energy projects.

MUSCAT: A new Omani startup has announced a partnership with Energy Dome of Italy to provide sustainable energy storage solutions to support Oman's energy transition goals. Takhzeen, a subsidiary of ONEIC - a publicly listed engineering contractor, has been established to support the nation's efforts in decarbonizing and achieving Net

Deploying clean and low-carbon technologies such as renewable energy, energy storage, nuclear power, Carbon Capture and Storage (CCS), energy efficiency, and new transport technologies will reduce Greenhouse Gas (GHG) emissions (Hino and Lejeune 2012).

MUSCAT: Having set in motion an ambitious plan to harness solar and wind resources for low-carbon electricity generation, the Sultanate of Oman is now moving to develop its energy storage... Working-level dialogue between emerging and developing economies on commercialising clean energy innovations ...

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