

Oman energy storage battery project construction



Overview

A Masdar-led consortium has secured a significant 500 MW solar photovoltaic (PV) and 100 MWh battery energy storage system (BESS) project in Oman, marking a substantial step in the nation's energy transition. The project is part of the planned development of a 1.5 GW solar and battery storage project in the Al Dhahirah Governorate, Oman. The project is expected to be completed by Sunday, November 1, 2025. The project is being developed by the Abu Dhabi Future Energy Company PJSC - Masdar, a global clean energy leader, and consortium partners Al Khadra Partners, Korea Midland Power Co. The consortium also includes Al Khadra Partners. MUSCAT: The China Power Engineering Consulting Group International Engineering Co (CPECC), a Chinese state-owned energy-sector engineering powerhouse, has been awarded an EPC contract to implement the Ibri III Solar Independent Power Project in Oman's Al Dhahirah Governorate.

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Masdar-led consortium awards EPC contract for Oman's first

The 115 million Omani riyals (\$299 million) Ibri III IPP is Oman's first utility-scale solar-plus-battery project, combining a 500 megawatt (MW) solar PV plant with a 100 MWh battery energy

[Oman selects developers for 100 MWh solar-plus-storage project](#)

The Ibri III project will combine a 500 MW solar plant with a 100 MWh battery energy storage system, making it Oman's first utility-scale solar-plus-storage system.



[Oman Secures Major Solar and Battery Storage Project -> Energy](#)

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[CPECC Wins EPC Contract For 500 MW Ibri III Solar Project With 100](#)

The project, led by a consortium headed by the UAE's Masdar, will include a 500 MW solar plant along with a 100 MWp battery energy storage system, marking the first such hybrid



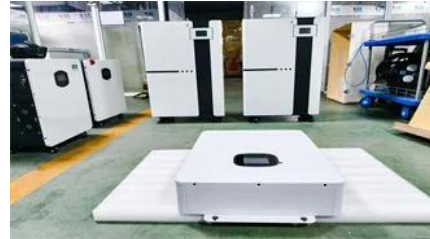
[Masdar and consortium partners achieve financial close for Oman's](#)



Combining a 500-megawatt (MW) photovoltaic (PV) plant with a 100-megawatt-hour (MWh) battery energy storage system (BESS), it will produce enough electricity to power around

[Oman's first RO115mn solar and battery storage project unveiled](#)

Muscat - Nama Power and Water Procurement (PWP) signed an agreement on Monday with a consortium led by Masdar to develop Oman's first utility-scale solar and battery storage project



Nama PWP Signs Oman's Utility-Scale Solar & BESS Project

Nama Power and Water Procurement (PWP) has signed an agreement for the development of the Sultanate of Oman's first utility-scale solar and battery storage project with a

[Oman selects developers for 500 MW solar-plus-storage project](#)

A consortium including Abu Dhabi Future Energy Co. (Masdar), Al Khadra Partners, Korea Midland Power Co. and OQ Alternative Energy have been chosen to build a 500 MW solar



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MUSCAT, DEC 15 - Battery energy storage is set to make its debut on a significant scale in the Sultanate as part of the planned development of a series of small-scale solar PV - diesel hybrid

[China's CPECC wins contract for Ibri III solar battery storage project](#)

In a post on Wednesday, Masdar announced that CPECC will undertake the implementation of the Ibri III Solar IPP on an Engineering, Procurement and Construction (EPC) basis.



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