

## PEES Power Systems

# Construction of a large-scale energy storage project in Oman



## Overview

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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 project in Oman, integrated with a 100 MWh battery energy storage system. A consortium led by Abu Dhabi-based renewables. 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 consortium led by Abu Dhabi Future Energy Company PJSC, also known as Masdar. The Ibri III Solar Independent Power Project will combine a 500MW photovoltaic plant. Key agreements are set to be signed soon, paving the way for the establishment of the first commercial-scale energy storage project in the Sultanate of Oman. The agreements will build on a landmark MoU signed in July 2023 by Energy Dome, an Italian-based tech start-up, with Takhzeen, a 100 per cent.

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### 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 ...

### First large-scale energy storage project advances

"This is a big, commercial-scale project that will make a meaningful contribution to Oman's energy transition. It is set to be the first energy storage project of its kind in the Middle East ...



### Oman Secures Major Solar and Battery Storage Project -> Energy

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 ...

## Oman Embraces Renewable Future with First Mega Solar Storage Plant

Oman has taken a bold step into a cleaner, more sustainable future by signing a historic agreement for its first large-scale solar and battery storage project.



## 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 launches large-scale 500 MW solar power plant with BESS



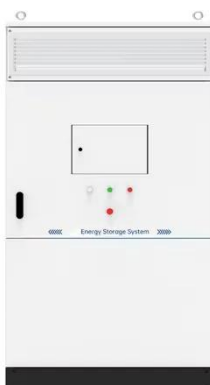
The agreement includes the design, financing, construction, ownership and maintenance of the infrastructure, with the participation of key partners from the United Arab Emirates, South ...

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## Oman Signs Landmark Deal for First Large-Scale Solar and Battery

Masdar, a global leader in clean energy, will lead the consortium in delivering the Ibri III Solar Independent Power Project, which will combine a 500 MW photovoltaic (PV) plant with a 100 MWh

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## Pact for Oman's first utility-scale solar and battery storage project

The Abu Dhabi-based Masdar, a global clean energy leader, will lead the consortium developing the Ibri III Solar Independent Power Project, which combines a 500-megawatt (MW) photovoltaic (PV)

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## Oman Signs RO 115m Deal for

## First Solar and Battery Storage

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This strategic project, covering an area of nearly 10 million square meters with a generation capacity of 500MW, and battery energy storage system (BESS) capacity of 100MWh, ...



- ✓ 100KW/174KWh
- ✓ Parallel up-to 3sets
- ✓ IP Grade 54
- ✓ EMS AND BMS

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