

## PEES Power Systems

# Oman energy storage project payback period



Solar Panel



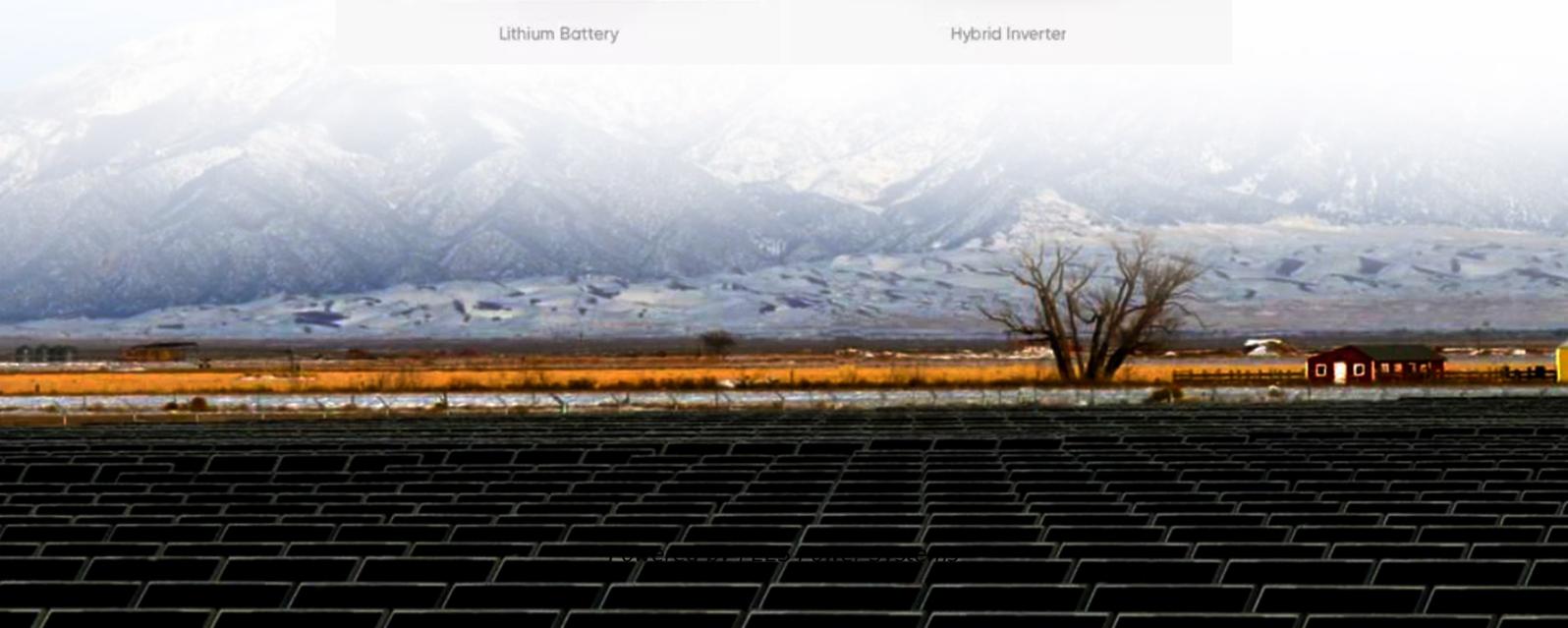
PV Combiner Box



Lithium Battery



Hybrid Inverter



## Overview

---

Takhzeen, for its part, will install the plant, while owning and operating it for a period of 30 years. 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. The Ibri III project is scheduled to come online in Q1 2027 in Al Dhahirah Governorate, located adjacent to the 500 MW AC Ibri II solar PV project commissioned by the ACWA Power-led consortium (see 500 MW AC Ibri II PV Project Online In Oman). Oman's Minister of Energy and Minerals, Salim bin. The notice outlines subsidy policies for new energy storage, including the following: Independent energy storage capacity will receive a capacity compensation of 0. 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.

## Oman energy storage project payback period

---



### Oman energy storage project payback period

The payback period however is different depending on the cost of energy for heating water and the incentives used by governments. In areas like Oman, where electricity is used for water heating, the payback periods ...

---

### Nama PWP inks deal with Masdar-led consortium, OQAE for Oman's first

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, embodies our ...

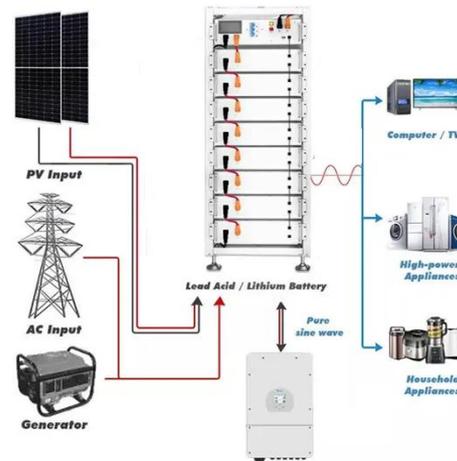


### domestic energy storage project financing options in Oman 2025

Oman Boosts Energy Storage Capacity  
The initiative seeks to address the lag in investments for energy storage due to high upfront costs and energy efficiency concerns.

## Oman inks solar deal

Oman has signed a landmark agreement for its first utility-scale solar and battery storage project, set to add 500MW of capacity and strengthen the country's energy transition under Vision 2040.



## Oman Inks Deal For First Large-Scale Solar-Battery Plant

The project is aligned with Oman's target of generating 30% electricity from renewable energy by 2030 under its Vision 2040, and achieving net zero by 2050.

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

Nama Power and Water Procurement signs agreement for Oman's first utility-scale solar and battery storage project with Masdar-led consortium.



## Renewable Energy in Oman RE Potential and PWP Plans

PWP is a regulated entity with obligations to procurement capacity and



output via contracts, to meet demand. Existing: o 9,716 MW generation capacity (13 plants). 1,336,000 m3/d desalination capacity (10 plants). ...

## Oman's first RO115mn solar and battery storage project unveiled

Once operational, the Ibri III project will produce enough electricity to power around 33,000 homes, supporting Oman's target of generating 30% of electricity from renewables by 2030 and its ambition ...



## First large-scale energy storage project advances

Energy Dome, as the supplier of the technology, will deliver the entire battery storage plant for the Oman project. Takhzeen, for its part, will install the plant, while owning and operating it for a period of 30 ...



## Nama Signs Agreement for Oman's First Utility-Scale

## Solar, Battery

It aligns with the target set in Oman Vision 2040 to generate 30 percent of electricity from renewable sources by 2030. Once operational, the project will produce enough electricity to power ...



 LFP 280Ah C&I

## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://peregrine-energy.co.za>

