

Global PV Storage Insights

Expected ROI of PV energy storage project in Portugal 2026



Overview

How many energy storage projects were selected in Portugal's 2025 procurement?

A total of 43 projects were selected from 79 applications in Portugal's 2025 energy storage procurement. This included six projects from Spain's Iberdrola, which secured nearly €20 million (\$20.6 million) in public funding.

How much does Portugal pay for energy storage projects?

With this in mind, the Portuguese Ministry of Energy announced on July 31 that it was awarding €99.75 million to a call for tenders for the installation of energy storage projects totalling 500 MW. Eligible projects can receive up to €30 million and be implemented at the transport and distribution level by the end of 2025.

Will Portugal produce 80% renewable electricity by 2026?

As Portugal launched its first tender for biomethane and green hydrogen, Portugal's new energy strategy aims to produce 80% renewable electricity by 2026, and 85% by 2030. The Plan sets a target of 20.4 GW of operational PV systems in 2030, including 14.9 GW of large-capacity plants and 5.5GW of decentralized generation.

Will Portugal's green transition boost energy storage by 2026?

(Montel) Portugal's recently elected government presented its legislative programme late on Wednesday, with the green transition one of its strategic pillars, including the launch of a strategy to boost energy storage by 2026.

How many GW of PV will Portugal buy in 2021?

The Portugal's first PV dedicated auction for 1.4 GW happened in July 2019. The second one will be in the year of 2020 to procure 700 MW. Regarding storage, the aim is to procure 50–100 MW. Two specific PV auctions promote the integration of PV technology from 572 MW in 2018 to 1.6 GW by 2021 and

8.1 GW to 9.9 GW by 2030 .

Is self-consumption suitable for PV solar energy in Portugal?

All the configurations implemented self-consumption, considered to be the current most adequate context to implement PV solar energy in Portugal in the residential sector, regarding the Portuguese legislation.

Expected ROI of PV energy storage project in Portugal 2026

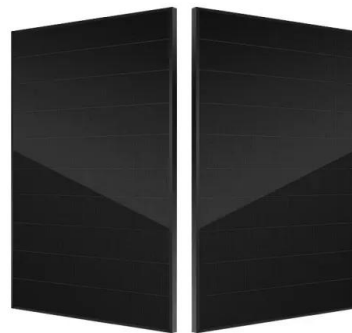


Ib Vogt and Aura Power Start Building 27MWp Solar Project in Portugal

Aura Power and Ib Vogt are constructing a 27MWp solar farm near Leiria, Portugal. The project is expected to be completed by the end of 2023, providing clean energy ...

Top five solar PV plants in development in Portugal

The Endesa Pego Solar PV Park is a 365MW Solar PV power project. It is planned in Santarem, Portugal. The project is currently in permitting stage. It will be developed ...



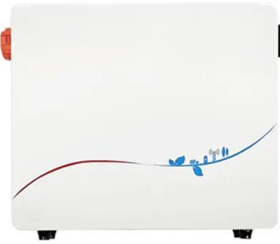
Portugal to Launch Battery Energy Storage Auction Before ...

Portugal plans a 750 MVA battery storage auction by January 2026, investing EUR400M to boost grid resilience, speed renewables, and strengthen energy security nationwide.

Portugal to hold energy storage auction before January 2026

The announcement was made by Portugal's

Minister for Environment and Energy, Maria da Graça Carvalho, who said the country is now better prepared for potential ...



Portugal to hold energy storage auction before January 2026

Portugal plans to hold an energy storage auction before January 2026 as part of a EUR400 million (\$462.2 million) initiative to enhance grid resilience following an April blackout.

Techno-economic evaluation of the Portuguese PV and energy

...

The configuration of a solar photovoltaic system integrating energy storage in Portugal is yet unclear in the technical, energetic and economic point of view. The energy ...



Portugal solar pv battery storage price

Is Portugal's solar auction a new era of battery storage? Portugal's recent PV auction marks a new era of battery storage for the country, says UK consultancy Everoze. It notes that the ...



Winners, prices of Portugal's record-breaking auction ...

EDPR, Finerge, Voltalia and Endesa were among the winners of Portugal's latest renewables procurement exercise, in which 163 MW of floating PV capacity was allocated.



Energy storage in portugal and spain

In the past few months Spain has announced a 2.5GW energy storage target by 2030 and Portugal is hosting a tender with a significant add-on option for storage, but

The latest developments in the Spanish energy ...

Driven by the goal of energy transformation, Spain's energy storage industry is full of potential, with continuous technological innovation and progress. The government has given strong support in terms of funds and policies, and the ...

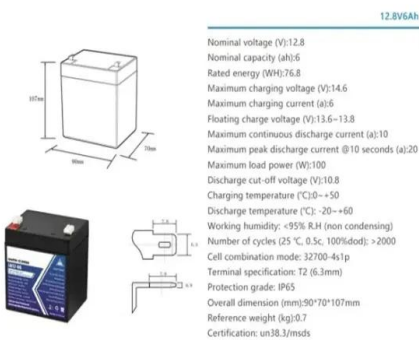


Portugal Finances 500MW of Energy Storage

As Portugal launched its first tender for biomethane and green hydrogen, Portugal's new energy strategy aims to produce 80% renewable electricity by 2026, and 85% by 2030.

Government approves ambitious package to accelerate energy ...

The Government approved today, 04 October 2024, a set of measures in the Council of Ministers on Energy and Climate with the aim of strengthening the fight against ...

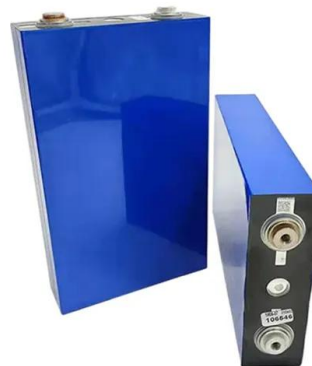


Emerging trends in major global solar PV market: ...

Máté Heisz, Global Affairs Director of SolarPower Europe, pointed out that in 2023, the newly installed capacity of solar power in Europe reached 55.9GW, a 40% increase from 2022, setting a new historical record. ...

Portugal PV Energy Storage Compensation Scheme A Complete ...

Portugal's PV Energy Storage Compensation Scheme has become a beacon for solar investors and homeowners alike. With 63% of its electricity already coming from renewables (2023 ...



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Portugal's Ambitious Goal: Targeting 20.4 GW of Solar Power

Portugal raises 2030 solar target and accelerates renewable energy transition. The Portuguese government has unveiled an ambitious update to its 2030 National Energy ...

R.Power targets developing 680 MW of energy storage in Portugal

In addition to standalone projects, R.Power also plans to hybridise storage with part of its existing solar parks, covering 54 MW of operating assets, it said in a statement. ...



Portugal to Launch Battery Energy Storage Auction Before January 2026

Portugal is preparing to hold a competitive auction for 750 MVA of battery energy storage capacity before January 2026. This initiative is part of a EUR400 million investment ...

Q ENERGY builds a further 96 MWp PV project in Spain

The "Zaratan" project consists of three adjacent solar plants and will generate enough fossil-free electricity to supply nearly 50,000 Spanish households with green energy, saving 33,000 tonnes of CO2 annually. The PV ...



Galp and Powin to build large-scale energy storage system in Portugal

Europe is expected to deploy over 90 GWh of utility-scale battery energy storage projects by 2030, and we are well positioned to support this demand along with the wider ...

MTerra Solar Project Breaks Ground: A Monumental ...

These key agreements demonstrate the project principal's drive for excellence and commitment to ensuring that project milestones are effectively executed and delivered on time. With its unprecedented scale and forward ...

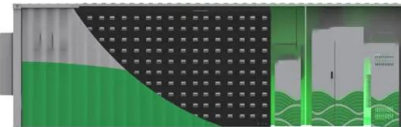


Portugal adds 1.77 GW of solar in 2024

Portugal set a record for solar deployment in 2024, installing 1.77 GW and surpassing the previous year's total. The country's cumulative installed PV capacity now stands at 5.66 GW, as it works

Romania Aims to Roll out 5 GW of Energy Storage by End 2026

According to Romanian Minister of Energy Sebastian Burduja, the country's energy storage fleet is expected to grow exponentially over the next couple of years. "In total, ...



Verano secures financing for Chile solar-plus-storage project

The Domeyko solar-plus-storage project is expected to start operations by the end of 2026. Image: Verano Energy. Independent power producer (IPP) Verano Energy has ...

3.5GW PV + 4.5GWh ES Terra Solar Project to Be Launched in ...

...

Picture: Acits The project will be located on the Philippines' main island of Luzon, about 100km from Manila, and will combine 3.5GWp of solar PV capacity with 4.5GWh ...



 **LFP 12V 200Ah**

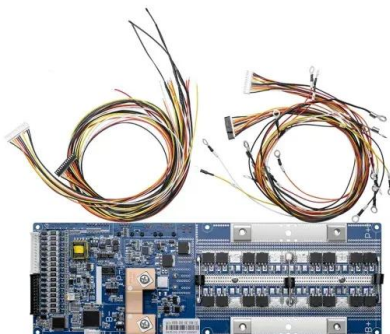


Portugal's REN targets more solar with new grid ...

According to REN's proposal, the fresh photovoltaic (PV) capacity is expected to be interconnected between 2024 and 2026. In addition to the planned 800 MW of PV parks, more capacity could also be deployed ...

Global Top 10 Upcoming Energy Storage Projects Market by 2030

Asia-Pacific (APAC) region is expected to dominate the global energy storage market, accounting for 49% of upcoming energy storage projects by 2030. Australia, China and India are among ...



Portugal's Ambitious Goal: Targeting 20.4 GW of Solar Power

Under the updated energy strategy, Portugal targets 80% of its electricity to come from renewable sources by 2026 and aims to reach an impressive 85% by 2030. The plan ...

Portugal - pv magazine International

Portugal plans to hold an energy storage auction before January 2026 as part of a EUR400 million (\$462.2 million) initiative to enhance grid resilience following an April blackout.



BESS projects progress in Finland, Italy and Portugal

Merus Power has secured a 30MWh order in Finland while Metlen and Aquila won government financial support for projects in Italy and Portugal.

Biggest projects in the energy storage industry in 2024

Following similar pieces in 2022/23, we look at the biggest energy storage projects, lithium and non-lithium, that we've reported on in 2024.



Portugal's new government to boost energy storage by 2026

One of the new cabinet's priorities for its four-year term would be a national energy storage strategy for 2026 to accelerate investment in battery storage for wind and solar ...

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