



WALMER ENERGY

# Germany Hamburg solar Energy Storage Project





## Overview

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The Hamburg-based solar and wind farm operator Blue Elephant Energy GmbH (BEE) began construction of its first battery storage facility with a capacity of around 12 MW in Germany mid of August 2024, which is scheduled to go into operation in the fourth quarter. Does Germany have a solar-plus-storage innovation tender?

Image: Baywa r.e. The German Federal Network Agency (Bundesnetzagentur) has awarded 587MW of solar-plus-storage in its latest Innovation Tender. As has been the case in many of Germany's recent solar PV auctions, the Innovation Tender ended up oversubscribed, with 154 bids made for 1.8GW of capacity out of 583MW tendered capacity.

How many solar energy storage systems were installed in Germany last year?

EuPD Research estimates around 65,000 energy storage systems linked to rooftop PV were installed last year thanks to increasingly popular solar arrays and electric vehicles as well as rising electricity prices. Sonnen was top of the pile for residential storage in Germany last year, according to EuPD Research. From pv magazine Germany.

How does Germany support the development of energy storage facilities?

The Federal Ministry for Economic Affairs and Energy, responsible for energy policy in Germany on the federal level, supports the development of electricity storage facilities. Under the Energy Storage Funding Initiative launched in 2012, funding for the development of energy storage systems has been provided to around 250 projects.

Who is solar215 GmbH?

About Solar215 GmbH: Solar215 GmbH is a Hamburg-based project developer specialising exclusively in large-scale battery energy storage systems (BESS). The company was founded in 2023 and has a significant project pipeline in this promising market segment. Inhouse: Thorsten Eggert (Legal Counsel Investment & Development)



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Elements Green gets initial approval for ...

Apr 4, 2024 · The project is in Elsfleth, Lower Saxony. Image: Billboa / Wikicommons.  
Developer Elements Green has secured preliminary ...

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Germany: 'Europe's hottest energy storage ...

Feb 17, 2025 · Held alongside The Battery Show Europe, ESS Germany -- Stuttgart Edition provides a focused platform to understand the policies, ...

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Encavis AG constructs its first Battery Energy Storage System in Germany

Sep 4, 2024 · Encavis AG, a wind and solar park operator based in Hamburg and listed on the MDAX of Deutsche Börse AG, has acquired a ready-to-build battery energy storage system ...

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Innovation Tender: Germany picks 587MW of solar-plus-storage

Oct 18, 2024 · A co-located solar PV and battery storage project in Germany. Image: Baywa r.e. The German Federal Network Agency (Bundesnetzagentur) has awarded 587MW of solar ...

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Innovation Tender: Germany picks 587MW of ...

Oct 18, 2024 · A co-located solar PV and battery storage project in Germany. Image: Baywa r.e. The German Federal Network Agency ...

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New Energy Storage Base in Hamburg Powering Germany s ...

SunContainer Innovations - Summary: Hamburg's new energy storage base is a game-changer for renewable energy integration. This article explores its role in stabilizing Germany's grid, ...

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Enerparc commissions its first photovoltaic ...

Apr 13, 2023 · Enerparc's first hybrid project in Germany, combining photovoltaic and battery storage, is now grid-connected. Discover ...

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From sun to socket: Octopus Energy ...

May 7, 2025 · Once up and running, these projects can deliver enough solar energy to power 500,000 German homes - around every household in ...

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Large-scale battery storage system project development

Hamburg, 4th February 2025 - Hamburg-based solar and storage specialist greentech was recently able to obtain the first planning decisions for two 20 MW battery storage systems ...

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Blue Elephant Energy accelerates battery storage strategy ...

Hamburg, April 15, 2025 -- Blue Elephant Energy GmbH ("BEE"), an independent power producer specializing in renewable energy, has acquired a majority stake in Solar215 GmbH ...

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## Photovoltaic Industry in Germany

Dec 2, 2025 · Photovoltaic Industry in Germany The photovoltaic industry is playing a key role in shaping Germany's sustainable energy future. ...

## Blue Elephant Energy starts construction of its first BESS in Germany

Aug 29, 2024 · The Hamburg-based solar and wind farm operator Blue Elephant Energy GmbH (BEE) began construction of its first battery storage facility with a capacity of around 12 MW in ...

## The Energy Storage Market in Germany

ISSUE 2019 Energy storage systems are an integral part of Germany's Energiewende ("Energy Transition") project. While the demand for energy storage is growing across Europe, Germany ...

## Blue Elephant Energy acquires majority stake in project ...

Apr 16, 2025 · Blue Elephant Energy GmbH ('BEE') has acquired a majority stake in Solar215 GmbH ('Solar215'). The Hamburg-based solar, wind and battery storage operator was legally ...

## Blue Elephant Energy accelerates battery ...

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## BESS in Germany 2025 and Beyond:

Feb 26, 2025 · Battery Energy Storage Systems are positioned to play a crucial role in Germany's pursuit of a Carbon-Neutral Economy and ambitious Renewable Energy goals  
Introduction to ...

## Enerparc commissions its first photovoltaic storage project

Apr 13, 2023 · Enerparc's first hybrid project in Germany, combining photovoltaic and battery storage, is now grid-connected. Discover innovative solar solutions!

## Octopus Energy to Develop 2 GW ...

May 12, 2025 · Octopus Energy Generation, the renewables arm of Octopus Energy Group, is accelerating Germany's energy transition with the ...

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## Octopus Energy to Develop 2 GW Renewables in Germany

May 12, 2025 · Octopus Energy Generation, the renewables arm of Octopus Energy Group, is accelerating Germany's energy transition with the acquisition of a leading green energy ...



greentech , solar and storage specialist

Dec 1, 2025 · Leading expert for project development, engineering and operation of solar and storage plants in Europe. With over 200 employees.

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Octopus acquires German solar-storage ...

May 9, 2025 · Octopus Energy Generation, the renewables arm of Octopus Energy Group, has acquired German renewables developer MN Projects ...

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