

Successful bid price of solar diesel hybrid storage project in Germany 2026





Overview

The prices for successful bids ranged between €0.0674/kWh (US\$0.073/kWh) and €0.0745/kWh (US\$0.0745/kWh) and the average volume-weighted price was €0.0709/kWh, which ended much lower than the price ceiling of €0.0918/kWh and the previous innovation auction's average of €0.0833/kWh.

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The German Federal Network Agency (Bundesnetzagentur) said the tariffs ranged from €0.0500 (\$0.0590)/kWh to €0.0639/kWh, with an average price of €0.0615/kWh. Bavaria received the most awarded capacity, with 12 projects totaling 137 MW, while Saxony-Anhalt and Lower Saxony secured 124 MW and 49 MW.

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The German government's infrastructure authority, Bundesnetzagentur has announced that 43 bids for solar and storage projects - with a combined volume of 512MW- have been successful in its recent innovation auction. The prices of the successful bids ranged from 6.78 ct/kWh to 9.17 ct/kWh. The.

maximum bid cap of 88,21 €/MWh (from 1st January 2024: annual reduction of maximum bid cap of 90 €/MWh by 1 percent); Note: Federal Network Agency may define a different maximum bid cap Details of the auction, including possible modifications of the data above (specifically the bid cap and the.

Germany's latest innovation tender for 583 MW of renewable energy projects was oversubscribed by 218%, with bids totaling 1,856 MW, according to data released by the federal network agency Bundesnetzagentur. Of the 154 bids



submitted, 50 were awarded contracts for a combined 587 MW of solar plus.

The successful bids ranged between EUR 0.0674 per kWh and EUR 0.0745 per kWh, which is below the maximum value of EUR 0.0918 and the volume-weighted average price of EUR 0.0833 in the previous round. In regional terms, Bavaria showed the best performance in the auction with 25 selected projects. 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 much does a solar farm cost?

The contracts provide an additional premium in €/kWh to winning projects for energy discharged to the market. Prices for the successful bids range from €0.0776/kWh to €0.0878 ct/kWh with an average price of €0.0833/kWh (US\$8.75ct/kWh). Both the average price and the maximum value ended up above the previously held solar farm auction in July.

Are Germany's solar & wind energy tenders undersubscribed?

The latest round of Germany's tenders for renewable installations has generated great interest in solar PV as well as combined solar and storage installations, while onshore wind energy tenders were undersubscribed yet again.

How many solar PV tenders were oversubscribed?

“In the innovation tenders, projects for hydrogen production, local heat production from renewable electricity or other regional flexibilities could be supported.” As has been the case in previous auctions, solar PV tenders (this time for 257 MW) were highly oversubscribed (163 bids with a total of 675 MW).

How much remuneration does a solar PV project get?

As has been the case in previous auctions, solar PV tenders (this time for 257 MW) were highly oversubscribed (163 bids with a total of 675 MW). The winning projects will receive between 4.8 and 5.39 ct/kWh. Unlike for the innovation projects, this remuneration is the maximum guaranteed payment



from which the average wholesale price is deducted.

How many bids did the Bundesnetzagentur oversubscribe?

The German Federal Network Agency, the Bundesnetzagentur, announced the results of its latest auction which ended up being oversubscribed with a total of 53 bids and 779MW of capacity received, nearly double the 400MW limit set for the auction.



Successful bid price of solar diesel hybrid storage project in Germany



Solar PV-Diesel Hybrid Systems

Integrating photovoltaics into existing diesel power systems enables reductions in fuel costs and guarantees an efficient electricity supply. PV-diesel solutions offer independence from rising ...

Germany boosts renewables with "biggest energy ...

Germany wants to fight the climate crisis and its heavy dependence on fossil fuel imports by speeding up the rollout of renewables with a massive overhaul of key energy legislation. In the "biggest energy policy reform in decades," the ...

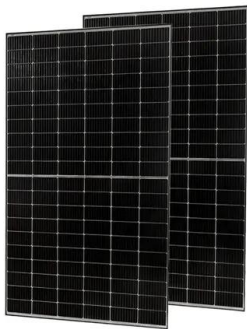


Synertics

The PPA market in Germany has experienced substantial growth, particularly for solar and wind power, with an increasing number of corporate buyers seeking long-term contracts to meet their sustainability goals. From ...

What is the benefit of a Solar Diesel Controller in a Solar hybrid project?

This article answers a frequent question from our clients about the economic benefit of the solar-diesel controller in a solar installation. We will mainly focus in this article on ...



Germany: Battery storage projects from RheinEnergie, Bayernwerk

The project in Meitingen which Bayernwerk commissioned recently, with the BESS provided by Intilion. Image: Felix Baptist / LEW. Utility and network operators ...

Big-battery storage capacity could increase fivefold in ...

In the next two years, large storage facilities with a capacity of around 7 GWh could be built in Germany. In view of the increase in photovoltaics, the expansion should be accelerated. In the association's opinion, legal ...



- ✓ ALL IN ONE
- ✓ 100Kw/174Kwh High Capacity
- ✓ Intelligent Integration

Germany concludes solar-plus-storage tender with average price ...

The final tariffs ranged from EUR0.077/kWh to EUR0.0878/kWh, with an average price of EUR0.08/kWh. Through these tenders, the Bundesnetzagentur mostly selects PV projects ...



SINO SOAR won the bid for the general contract ...

On December 18, 2022, Sino Soar Hybrid (Beijing) Technology Co., Ltd. (Abbr. SINO SOAR) won the bid for the general contract project of PV - Diesel - Storage micro grid in 26 islands of Maldives Raa& Baa atoll. This project is the third ...



[Energy Storage Program , 2023](#)

The report aims to streamline the adoption of solar-plus-storage projects that leverages private investments in countries where fuel-dependency is putting stress on limited public resources.



Germany: Battery storage projects from RheinEnergie, ...

The project in Meitingen which Bayernwerk commissioned recently, with the BESS provided by Intilion. Image: Felix Baptist / LEW. Utility and network operators RheinEnergie and Bayernwerk have respectively ...



TotalEnergies Announces EUR160 Million Investment in Battery Storage

At the Europe 2025 conference in Berlin, TotalEnergies announced a major investment in six battery storage projects in Germany, totaling 221 MW of new capacity and a ...



What is a Solar Diesel Hybrid System?

Solar hybrid systems are power systems that combine solar power from a photovoltaic system with another energy source. One of the most common hybrid systems being PV diesel hybrid system, coupling PV and ...



Germany picks 587 MW of solar-plus-storage projects in tender

The successful bids ranged between EUR 0.0674 per kWh and EUR 0.0745 per kWh, which is below the maximum value of EUR 0.0918 and the volume-weighted average ...



TotalEnergies to Invest EUR160 Million in Six Battery ...

TotalEnergies has announced investment decisions for six battery storage projects in Germany, totaling 221MW of new capacity with an investment of EUR160 million. These projects, developed by Kyon Energy, which ...



Fluence Provides Advanced Energy Storage Systems ...

The project in Zerbst, Saxony-Anhalt, will include a 47 MW solar park combined with a 16 MW battery-based energy storage system. The plant will be the largest hybrid project in Germany, with enough capacity to ...



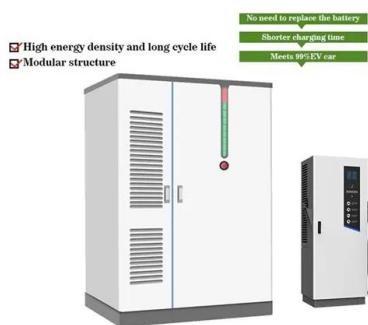


Solar-Diesel Hybrid Systems Transform Mining ...

Solar-diesel hybrid systems represent a groundbreaking shift in power generation, transforming the mining industry and remote industrial operations across Europe. By integrating photovoltaic arrays with conventional ...



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BESS in Germany 2025 and Beyond: Use Cases, ...

Introduction to BESS Battery Energy Storage Systems (BESS) are advanced technologies designed to store energy generated from various sources, such as solar and wind, for later use. They operate by charging ...

512MW of solar-storage projects successful in German ...

The German government's infrastructure authority, Bundesnetzagentur has announced that 43 bids for solar and storage projects - with a combined volume of 512MW- ...



Grid booster Kupferzell

CDM Smith is currently engaged in the construction of the world's largest grid battery storage system, thereby promoting the energy transition in Germany. For this project we were granted the ICPMA Sustainability Award.



Energy Storage Germany 2026 , Leading Energy Storage Exhibition

Explore the future of energy storage at Energy Storage Germany 2026, June 9-11 in Stuttgart. Connect with industry leaders, discover innovations, and shape the future of energy solutions.



Optimum Design of a Solar-Wind-Diesel Hybrid ...

To simultaneously satisfy the electricity and freshwater requirements, a superstructure of a solar-wind-diesel hybrid energy system (HES) with multiple types of storage devices driving a reverse osmosis desalination ...

3rd Germany Solar & Storage Conference 2025 ...

Germany has long been at the forefront of the renewable energy revolution, and as the nation accelerates its push towards a decarbonized future, solar energy and battery storage are emerging as critical pillars of the country's ...



How Afore's Energy Storage Inverter Transformed a Home in ...

12 ?????· Discover how Afore's AF6K-SLP hybrid energy storage inverter enabled an Italian home to achieve energy independence, lower bills, and boost sustainability.



Optimal sizing of a hybrid microgrid system using solar, wind, diesel

Abstract This paper presents a model for designing a stand-alone hybrid system consisting of photovoltaic sources, wind turbines, a storage system, and a diesel generator. ...



TotalEnergies to launch six battery storage projects in ...

PARIS, March 26, 2025 - TotalEnergies will invest EUR 160 million in six new battery storage projects in Germany totalling 221 MW of capacity, the company said on Wednesday. The projects were developed by Kyon Energy, a ...

Sinsoar Successfully won the bid for the EPC PV ...

On November 30, 2023, Sinsoar and its partner successfully won the bid for the 30 islands PV-Diesel-Storage Hybrid project in Kaafu, Alifu-Alifu, Alifu Dhaalu and Vaavu atolls in the Maldives.



What is the benefit of a Solar Diesel Controller in a ...

This article answers a frequent question from our clients about the economic benefit of the solar-diesel controller in a solar installation. We will mainly focus in this article on C & I buildings that have existing diesel ...



Germany wraps up renewables-plus-storage tender with average ...

The final tariffs ranged from EURO.077/kWh to EURO.0878/kWh, with an average price of EURO.08/kWh. Through these tenders, the Bundesnetzagentur mostly selects PV projects ...



(PDF) Microgrid Hybrid Solar/Wind/Diesel and Battery ...

Khamharnphol et al. (2023) explore the optimization of a hybrid power generation system, combining solar, wind, diesel, and battery energy storage, for a distribution system in Koh Samui, Thailand.

Big-battery storage capacity could increase fivefold in ...

German solar trade body BSW-Solar expects the capacity of large battery storage systems installed in Germany to increase fivefold by 2026. With 1.8 GWh of capacity installed to date, in systems



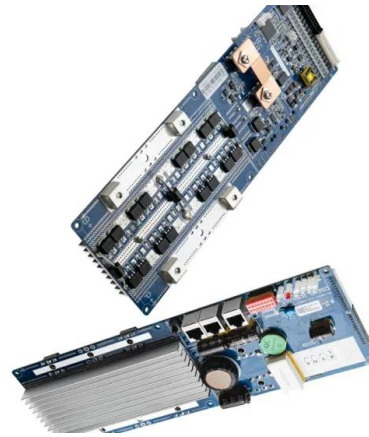
Germany's Energy Storage Support Policy: Key Initiatives and ...

The Policy Playbook: Germany's Storage Strategy Unpacked 1. Innovation Tender Scheme: Where Solar Meets Storage Germany's rolling out red carpets for hybrid ...



SINOSOAR won the bid for the general contract project of PV - Diesel

On December 18, 2022, Sino Soar Hybrid (Beijing) Technology Co., Ltd. (Abbr. SINOSOAR) won the bid for the general contract project of PV - Diesel - Storage micro grid in 26 islands of ...



An Economic Analysis of a Hybrid Solar PV-Diesel-ESS ...

ESS (Energy Storage System) is economically viable as a sustainable energy system. An economic analysis using cost-benefit indicators and a sensitivity analysis showed that a hybrid ...

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