

Successful bid price of wind solar storage project in Germany 2030





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 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.

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.

Germany has concluded the latest round of Innovation Tender, securing 512 MW of capacity at an average price of €0.0833 (\$0.089)/kWh. Germany has concluded its latest round of Innovation Tender, with 43 solar-plus-storage projects totalling 512 MW awarded contracts. The deadline for bidding was May.

The prices of the successful bids in the pay-as-bid auction ranged from 5.62 cents per kilowatt hour (ct/kWh) to 7.13 ct/kWh. The average volume-



weighted award price fell from 7.15 ct/kWh in the previous round to 7.00 ct/kWh. The federal state with by far the most volume awarded was North.

Of the 154 bids submitted, 50 were awarded contracts for a combined 587 MW of solar plus storage projects. The bids quoted in the auction ranged from €0.0674 (~\$0.072)/kWh to €0.0745 (~\$0.080)/kWh, which were below the ceiling tariff of €0.0918 (~\$0.098)/kWh. The volume-weighted average tariff. How many MW of solar-plus-storage capacity will be awarded?

Both capacity bid for and awarded were higher than the previous innovation auction held in July 2024, which awarded 512MW of capacity for solar-plus-storage projects. The Innovation Tender solicitations were launched in 2020, and are open to project bids that combine two or more renewable or clean energy technologies.

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.

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.



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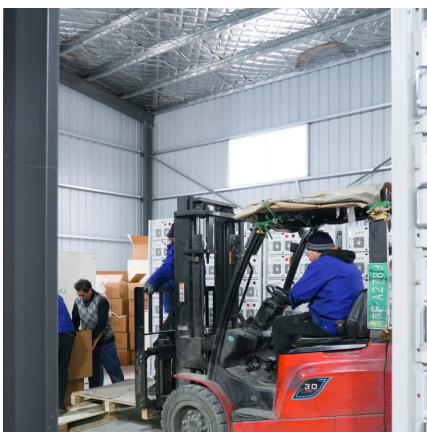


[German Battery Storage on a Rise: Legislative Changes](#)

High and further increasing volatility of power prices due to the expansion of renewables on the one hand and significantly decreasing prices for battery cells in recent years ...

[German onshore wind power - output, business and ...](#)

Wind power is Germany's most important renewable electricity source. It is projected to become the backbone of the country's entire energy system in its shift away from fossil fuels. The country boasts one of the largest ...



[Solar & Storage Projects Inundate Germany's ...](#)

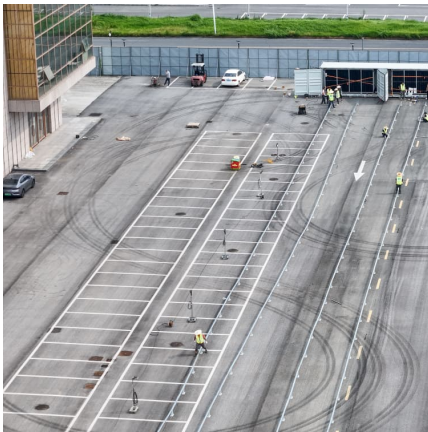
A vast majority of bids submitted represented solar PV systems in combination with energy storage. However, it was for the 1st time that bids were entered for wind and energy storage systems in the innovation tender ...

[BESS in Germany 2025 and Beyond: Use Cases, Business ...](#)

Germany's Energiewende Strategy has driven exponential growth in renewable energy capacity, especially wind and solar, with plans to



double onshore wind capacity to 115 ...



[Germany: Energy storage strategy -- more flexibility ...](#)

In more detail By 2035, the energy sector in Germany should be largely free of greenhouse gas emissions. This requires the further expansion of renewable energy. Even if electricity generation from wind and photovoltaics (PV) ...

Sungrow's storage solutions picked for EDF's African hybrid project

Chinese PV inverter and battery storage maker Sungrow has been contracted to deliver a 264-MWh liquid-cooled energy storage solution for a wind-solar-storage integrated ...



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- ...



Germany Amplifies Battery Storage to Power Renewable Future

Germany increased its battery storage capacity by 30% in 2024 to support the integration of renewable energy sources, aiming for an 80% share by 2030. The growth in ...



Photovoltaic Industry in Germany

Photovoltaic Industry in Germany The photovoltaic industry is playing a key role in shaping Germany's sustainable energy future. Germany can look back on decades of solar ...

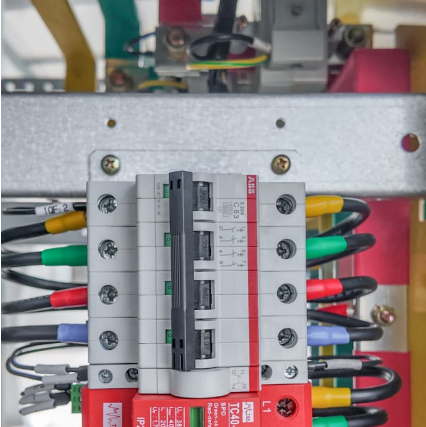
Photovoltaic Industry in Germany

Photovoltaic Industry in Germany The photovoltaic industry is playing a key role in shaping Germany's sustainable energy future. Germany can look back on decades of solar energy experience and is considered as being a ...



Strategies for Procuring Solar PV and Grid-Scale Battery ...

Storage can provide a range of benefits to power systems, including systems with rising shares of variable renewables like solar PV and wind power. However, it should be ...



[BEES in Germany 2025 and Beyond: Use Cases.](#)

...

Germany's Energiewende Strategy has driven exponential growth in renewable energy capacity, especially wind and solar, with plans to double onshore wind capacity to 115 GW, expand offshore wind to 30 GW, and ...

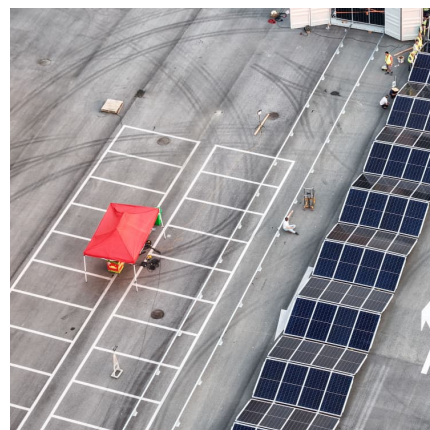


Germany picks 1.57 GW of wind, solar, storage projects in recent

Germany awarded 620 MW of solar and 691 MW of wind projects in its latest tender, along with 258 MW of solar-plus-storage in a call for innovative technologies, the ...

[Germany: Innovation Tender awards 512MW of solar...](#)

Germany has awarded 512MW of capacity to solar-plus-storage projects in its most recent Innovation Tender auction. The auction, run by the Bundesnetzagentur - the German Federal Network Agency - had a total ...



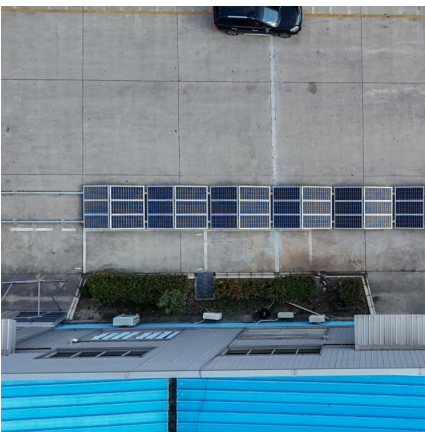


[Germany wraps up Innovation Tender awarding 512 ...](#)

The final tariffs ranged from EUR0.077/kWh to EUR0.0878/kWh, with an average price of EUR0.0833/kWh. Through these tenders, the Bundesnetzagentur selects PV or wind projects combined with energy storage systems.

[Germany Energy Storage Market 2024-2030](#)

GERMANY ENERGY STORAGE MARKET KEY FINDINGS Germany's growing reliance on renewable energy sources like wind and solar necessitates storage solutions to ...



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

Germany has concluded a new renewables tender for innovative projects, securing 486 MW of capacity at final prices ranging from EUR0.0500 (\$0.0590)/kWh to EUR0.0639/kWh

[Germany awards 587MW of solar-plus-storage in ...](#)

For the first time, wind projects combined with energy storage received bids, but none were successful, with only solar-plus-storage bids awarded capacity.



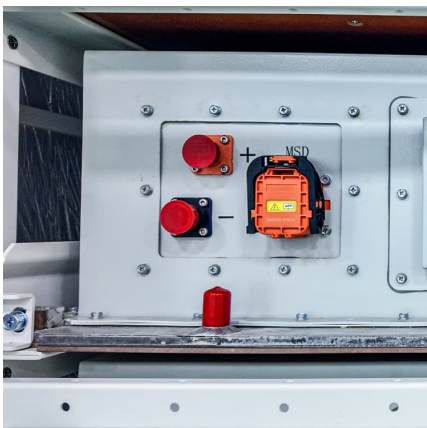
ASIAPACIFICREGIONS:REPORTON

Under the 6th Strategic Energy Plan, published in October 2021, the Japanese government set the aim to achieve carbon neutrality by 2050; increase the share of renewables as part of ...



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

The innovation tender attracted 154 bids with a total volume of 1,856 MW, the power regulator said. The agency, which sought to award 583 MW of capacity, picked 50 of the ...



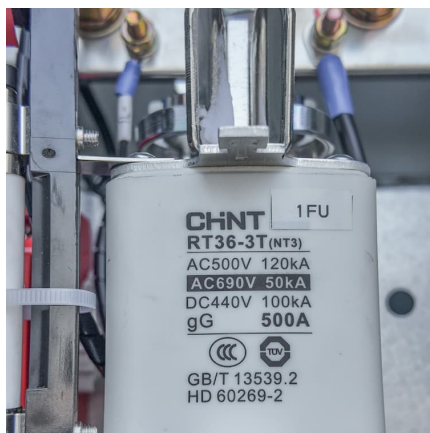
Italy's MACSE auction will reshape the Italian storage ...

Italy accelerates the transition to renewable energy Italy is stepping into a new energy era with the MACSE auction in early 2025. Underpinning MACSE, or Meccanismo di Assegnazione Centralizzata per la ...



Wind energy in Europe

The weighted average price of successful bids - including onshore wind, solar PV and community projects - was EUR100.5/MWh (EUR97.9/MWh in 2022). The strike price is indexed to reflect ...



Solar-plus-storage projects win 258MW of capacity in ...

Germany's second 'Innovation Tender' for clean energy projects combining different technologies has awarded 258MW of capacity to solar-plus-storage across 18 bids. The federal network operator, Bundesnetzagentur, ...

[Wind energy in Europe: 2024 Statistics and the ...](#)

This would bring total installations in Europe and the EU to 450 GW and 351 GW respectively by 2030. To meet the EU's 42.5% renewable energy target, installations in the EU would need to reach 425 GW by 2030. ...



[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 to find solar tenders worldwide plus 5 tips to ...](#)

Bidders are required to submit tender documents outlining their proposed approach to the project, including logistics, technical design, company structure, examples, and references from previous projects, as well as cost. ...



[Innovation Tender: Germany picks 587MW of solar ...](#)

To date, it has seen only bids for solar PV and battery projects, but for the first time in the latest round, wind projects combined with energy storage received bids. However, none were successful, with only solar-plus ...

Wind energy in Europe

A total of 1,201 GWh of bids were submitted of which 220 GWh was successful from a hybrid onshore wind-solar PV facility. The auction model is based on a one-sided sliding premium ...





Germany Awards 488 MW Solar Plus Storage Projects in ...

Germany's Federal Network Agency (Bundesnetzagentur) has awarded 488 MW of solar plus storage capacity in the latest round of its innovation tender for renewable energy ...

[Germany sets new record for renewable power . Ember](#)

Germany sets new record for renewable power
Germany has accelerated its renewables deployment, with solar growing at a record pace. Wind, though currently lagging, is expected to gain momentum in the future.



Battery energy storage systems (BESS) in Germany , ENGIE ...

Battery energy storage systems (BESS) are experiencing a remarkable upswing in Germany - and quite rightly so. They offer one of the key need that an energy system ...

Six new big battery projects emerge as winners of first ...

Updated: Six new big battery projects named as winners of the federal government's first auction under the Capacity Investment Scheme.



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