

## Global PV Storage Insights

# Successful bid price of BESS project in Greenland 2025



## Overview

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As of most recent estimates, the cost of a BESS by MW is between \$200,000 and \$450,000, varying by location, system size, and market conditions. This translates to around \$200 - \$450 per kWh, though in some markets, prices have dropped as low as \$150 per kWh.

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per MW, needs to be submitted both in digital format and as a physical document by 28.12.20 n 03.02.202 st f selected and unsucce ged rom a segmentat that ensures the sustainability of the BESS's operation p may correspond to a capacity lower than the capacity mentioned in the pertinent.

The average subsidy price in the third auction exercise came at €52589.16/MW/year. The lowest successful bid stood at €43927/MW/year, concerning a 25 MW/100 MWh project in the Western Macedonia region. The highest awarded subsidy came at €58773/MW/year and refers to a 7.9 MW/31.6 MWh project.

Discover the world's biggest battery storage projects of 2025, including BYD's 12.5 GWh system in Saudi Arabia, Greenergy's 11 GWh Atacama project, and more shaping the global energy transition.

In Germany, Nofar Energy secured €86.5 million for a 104.5 MW/209 MWh storage project through a seven-year tolling agreement. Meanwhile, in the UK, Gresham House and Octopus Energy signed a 568 MW/920 MWh, two-year tolling deal, solidifying the appeal of fixed-price structures for both developers.

Around the beginning of this year, BloombergNEF (BNEF) released its annual Battery Storage System Cost Survey, which found that global average turnkey energy storage system prices had fallen 40% from 2023 numbers to US\$165/kWh in 2024. This was the biggest drop since BNEF began its surveys in 2017. How much does Bess cost?

The cost of BESS has fallen significantly over the past decade, with more precipitous drops in recent years: This is nearly a 70% reduction in three years, owing to falling battery pack prices (now as low as \$60-70/kWh in China), increased deployment, and improved efficiency.

Did BNEF win a Bess bid in China?

Downstream, as reported by Energy-Storage.news, recent tenders in China have been held in which winning bids for BESS projects as low as US\$66/kWh were entered, which Kikuma says were in broadly in line with BNEF's numbers.

How much does Bess cost in China?

It is nonetheless still eye-opening to note just how big those differences in cost are. The average for a turnkey system in China including 1-hour, 2-hour and 4-hour duration BESS was just US\$101/kWh. In the US, the average was US\$236/kWh and in Europe US\$275/kWh, more than double China's average cost.

How long does it take to negotiate a Bess project?

Though complex and time-intensive to negotiate, often taking several months to a year, these agreements are quietly becoming the preferred model for BESS projects over 100 MW. In Germany, Nofar Energy secured €86.5 million for a 104.5 MW/209 MWh storage project through a seven-year tolling agreement.

How many global Bess tenders are there?

We have identified 43 global bess tenders from the public procurement domain worldwide. View the latest global tenders for bess from Africa, the Americas, Asia, Australia, Europe, the Middle East, and other countries.

Does Greece have a Bess subsidy program?

Moving forward, Greece is abandoning subsidizing BESS via auctions. Instead,

the country has recently launched a new program for 4.7 GW of unsubsidized BESS which will be offered priority grid connections on a merchant basis without subsidy support. This content is protected by copyright and may not be reused.

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### The rise of bankable BESS projects in Europe

As the renewable energy sector rapidly evolves, battery energy storage systems (BESS) are emerging as a critical pillar for decarbonization. However, with capital constraints and rising market volatility, not all projects ...

### 'Mind-blowing' bids in Power China's 16GWh BESS tender

EPC firm Power China's recent 16GWh BESS supply tender has seen very low prices bid, amidst a squeeze of market share from state-owned firms.



### HPCL Renewable Invites Bids for 5 MW/10 MWh BESS Project in ...

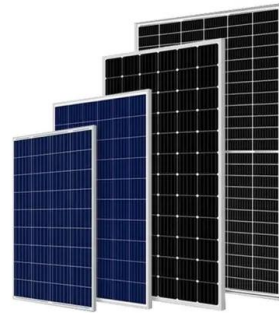
HPCL Renewable and Green Energy (HPRGE), a subsidiary of Hindustan Petroleum Corporation (HPCL), has invited bids for the engineering, procurement, and ...



### PowerChina receives bids for 16 GWh BESS tender ...

In what is described as the largest energy storage procurement in China's history, Power Construction Corporation of China (PowerChina)

is targeting an unprecedented cumulative storage capacity of 16 GWh. The bids ...

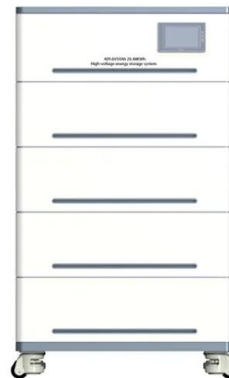


## SEC receives Bids for 1,000 MW Battery Energy Storage System Projects

Saudi Electricity Company (SEC) receives Bidders Proposals for Battery Energy Storage Systems (BESS) having Combined Capacity of 1,000 MW. The Project location is in ...

## Dubai's Aema Power awarded two 300 MWh battery projects in ...

These projects represent our first successful awards of BESS projects through a competitive bidding process and underscore our commitment to providing sustainable, ...



## South Africa's BESIPPPP Window 3 ends with two big ...

South Africa has announced the winners of the third window of the Battery Energy Storage Independent Power Producers Procurement Programme (BESIPPPP), where 616 MW of battery storage projects were ...

## Modern BESS offtake agreements: A guide for project developers

BESS offtake agreements play a critical role in securing stable revenue streams, mitigating market risks, and underpinning the financial stability of projects. If you're involved in ...



## Top 5 Largest Upcoming BESS Projects in the World ...

Discover the world's biggest battery storage projects of 2025, including BYD's 12.5 GWh system in Saudi Arabia, Greenergy's 11 GWh Atacama project, and more shaping the global energy transition.

## Big opportunities for BESS in 2025

In 2025, we anticipate further consents for large-scale projects, helping to bridge the gap between renewable generation and grid demand. Locational benefits of BESS emerge We're going to see the locational benefits ...



## GUVNL announces 500 MW/1,000 MWh BESS auction results

Solarworld Energy Solutions and H.G. Infra Engineering have emerged as successful bidders in Gujarat Urja Vikas Nigam Limited's (GUVNL) Phase VI auction to ...

## Japan's BESS Sector Ignites: Insights from the Inaugural LTDA

The inaugural Long-Term Decarbonization Auction (LTDA) results, unveiled on April 26th, mark a pivotal moment for Japan's energy sector. The auction, which employs a pay ...



## Reliance Power Arm Wins 350 MW Solar and 175 MW BESS Project ...

The project forms part of a broader tender issued by SJVN for 1,200 MW of solar capacity combined with 600 MW/2,400 MWh of BESS, to be connected to the Inter-State ...

## Outlook 2025: The future of the utility-scale BESS market

The rapid evolution of the utility-scale battery energy storage systems (BESS) market in Australia, Europe and the US has seen the emergence of a wide range of offtake products. These arrangements offer opportunities for ...



## US deployed 11.9GW of storage in 2024, 18.2GW ...

PV arrays at Gemini Solar + Storage. CATL provided the BESS containers and IHI Terrasun served as system integrator. The project was one of the largest to come online in the US last year. Image: Primergy. BESS ...



## Italian 2027 Capacity Market Auction: MACSE's impact & the BESS success

BESS dominates new capacity in latest Capacity Market auctions as the now confirmed MACSE shapes market dynamics, with CM marginal price equal to 47EUR/kW.



## 'Foundational' shifts for BESS in CAISO & ERCOT ...

There will be 'foundational' shifts in the US' two largest BESS markets this year, California (CAISO) and Texas (ERCOT), this year.

## South Africa Selects Preferred Bidders for 616 MW Battery ...

The third bid window showed a significant drop in cost, with evaluation prices decreasing by 40% and 8% compared to Bid Windows 1 and 2 respectively, demonstrating ...



## Saudi Arabia announces Qualified Bidders for Group 1 ...

Saudi Power Procurement Company (SPPC) announces the list of Qualified Bidders for Group 1 Battery Energy Storage Systems (BESS) having Combined Capacity of 2,000 MW/8000 MWh across Saudi Arabia on ...

## India's First Utility-Scale Standalone Battery Energy ...

NEW DELHI , 8 May, 2025 -- The GEAPP Leadership Council (GLC) today officially announced the launch of India's first utility-scale, standalone Battery Energy Storage System (BESS) project, the largest of its kind in South Asia. ...



## A robust bidding optimization plan is key for the success of ...

Battery energy storage systems (BESS) play an essential role in balancing grids with high renewable energy. They can charge during low price hours and discharge during high ...

## Ministry unpacks latest renewable energy preferred bidder awards

The Ministry of Electricity and Energy has unveiled the preferred bidders for Bid Window 7 (BW 7) of the Renewable Energy Independent Power Producer Procurement ...



## How Italy is Driving BESS Investment

The first MACSE auction will occur in the first half of 2025 and is a fundamental step in developing the build-out of BESS in Italy. The aim is that this will significantly contribute to the European Commission's Fit for 55, which ...

## Australia's CIS Tender 1 catalyzes 3.6 GWh of colocated storage

In NSW, Lightsource bp's 700 MW Sandy Creek and 450 MW Goulburn River solar farms won bids and the company's third successful project is the Victorian, 300 MW West ...



## Italy's 1st MACSE auction: green light for BESS investors

The capacity of the BESS project must be qualified by 17 th July 2025. The capacity qualified for the auction can also be lower than the asset capacity, with relevance for ...

## Greece awards 189 MW of battery storage in third ...

The first two auctions concerned projects installed anywhere in Greece, while the third auction involved projects developed in former coal mining regions. The average subsidy price in the third auction exercise came at ...

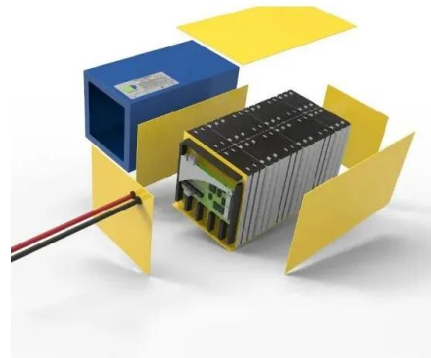


## Bondada, Oriana and Pace Win Telangana's 250 ...

Recently, the Ministry of Power directed all states and implementing agencies to award all BESS contracts by June 2025 to enable the VGF program to be completed by May 2027. Due to a decline in BESS prices ...

## NHPC announces auction results for 125 MW/500 MWh BESS projects ...

NTPC Green Energy Limited (NGEL) and Opera Energy Private Limited have emerged as successful bidders in NHPC Limited's tender for standalone battery energy ...



## Behind the numbers: BNEF finds 40% year-on-year ...

Downstream, as reported by Energy-Storage.news, recent tenders in China have been held in which winning bids for BESS projects as low as US\$66/kWh were entered, which Kikuma says were in broadly in line with ...

## TNGECL announces auction results for 500 MW BESS projects

Tamil Nadu Green Energy Corporation Limited (TNGECL) has announced its auction results for 500 MW/1,000 MWh of standalone battery energy storage systems (BESS) ...



## What is the Cost of BESS per MW? Trends and 2025 Forecast

As of most recent estimates, the cost of a BESS by MW is between \$200,000 and \$450,000, varying by location, system size, and market conditions. This translates to ...

## Bids received for Bid Window 3 of battery storage programme

The Garona energy storage project will cover approximately 4 hectares (12 acres) and be Africa's largest standalone battery energy storage system when completed. The ...



## BESS market in the Netherlands

BESS unit prices in China, USA & Europe \*DNV Capex prices of utility scale BESS projects with 4-hour duration. BESS unit prices include battery cells, racks, enclosure & PCS. This is ...

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