

## Solar Energy South Africa

# Energy storage assets Vanuatu



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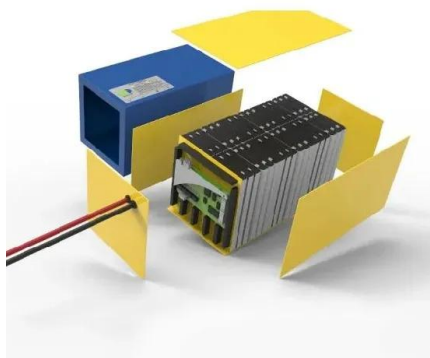


## Hecate Grid raises US\$99 million for energy storage deployment

Johanna Energy Storage, Hecate Grid's operational 20MW/80MWh BESS asset in Santa Ana, California. Image: Ingeteam. Hecate Grid, an independent power producer (IPP) developing utility-scale battery storage assets, has raised US\$98.9 million through lenders.

## Queensland to build 1,200MWh publicly-owned battery storage asset ...

"Queensland's transformation to 80% renewable energy by 2035 will unlock AU\$270 billion in new investment and open up AU\$430 billion in economy opportunity." Energy-Storage.news' publisher Solar Media will host the 1st Energy Storage Summit Australia, on 21-22 May 2024 in Sydney, NSW. Featuring a packed programme of panels



## Optimisation of energy storage for performance and profitability

This shift in approach ensures a balanced strategy that not only optimises real-time profits but also fosters the long-term health and longevity of energy storage assets. Battery degradation and storage capacity. Battery degradation has a profound impact on the efficiency and the ability of batteries to store energy over time.

## Primergy secures \$225m for US solar storage portfolio

Primergy Solar, a portfolio company of Quinbrook Infrastructure Partners, was established in 2020 with a focus on investing in responsibly sited solar and energy storage projects. The company manages a portfolio of operational and development-stage projects across major energy markets CAISO, ERCOT, MISO, PJM, SERC and WECC.



**1075KWHH ESS**



## Green Nation plans to develop 750MW solar and energy storage ...

The UK's Green Nation has unveiled plans for a solar and energy storage project, aiming to contribute up to 750MW to the country's National Grid. Called Whitestone Solar Farm, the solar facility is located between Rotherham and Doncaster in South Yorkshire and is in the preliminary stages of development.

## RWE achieves 10 GW of owned US assets , Energy ...

1 ??· RWE has reached 10 GW of owned and operated clean generation assets in the US. and energy storage facilities in operation from coast to coast. The company owns and operates a diverse portfolio of more than 170 facilities ...



## Southeast Asia's learning curve for energy

Energy-Storage.news has consistently heard over



the years from more mature markets like the UK or US that long-term contracts that offer some degree of revenue certainty are preferable from a Those contracts provide only a relatively small portion of the potential revenues that BESS assets can stack, alongside merchant opportunities, or

## Cost and materials are big non-technical barriers to energy storage

Cost and material availability are the main non-technical barriers to energy storage deployment at scale, according to a new MIT report. Skip to content. Solar Media. explored why this is and what steps can and are being taken by the industry to mitigate them and ensure enough energy storage assets are deployed.

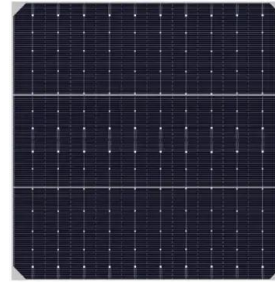


## How salt caverns could transform renewable energy storage for ...

The project will initially be developed to store enough energy to serve the needs of 150,000 households for a year, and there will eventually be four types of clean energy storage deployed at scale. These energy storage technologies include solid oxide fuel cells, renewable hydrogen, large scale flow batteries and compressed air energy storage

## European energy storage: a new multi-billion-dollar asset class

For short-duration energy storage assets, there are really three key revenue streams for energy storage assets in Europe. The first one is capacity payments, which have become a broadly implemented policy measure by governments to support system reliability and incentivize the installation of certain new power asset types.



## Time to take virtual power plants seriously

As society moves away from centralised fossil fuel generators to increasing shares of distributed renewable energy resources, the idea that customers' homes could become host to virtual power plants (VPPs), joining the dots between electricity supply and demand across the grid, has gradually gathered traction. Andy Colthorpe speaks with Suleman Khan CEO of ...

## Global news, analysis and opinion on energy storage innovation ...

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## RWE achieves 10 GW of owned US assets , Energy Global

1 ??· RWE has reached 10 GW of owned and



operated clean generation assets in the US. and energy storage facilities in operation from coast to coast. The company owns and operates a diverse portfolio of more than 170 facilities in 24 US states, including 4.3 GW of solar, 5.2 GW of onshore wind, and 0.5 GW of battery storage.

## Multi-stage planning of clean resources and energy storage assets ...

This paper proposes a multi-stage low-carbon resilient planning method for clean resources and energy storage assets while considering the dynamic resolutions of hybrid uncertainties. A systematic hybrid uncertainty modeling method is designed to characterize both the long- and short-term uncertainties driven by endogenous and exogenous factors

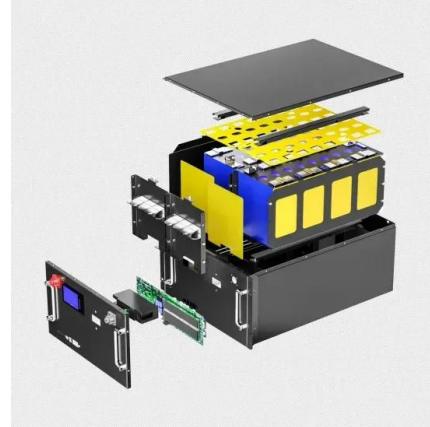


## Ameresco: Battery assets ownership strategy to focus on fixed ...

As we often hear at Energy-Storage.news, energy storage can deliver multiple functions to grid and customers, meaning that in some markets it is possible to stack revenues from different streams. Analyst Stine asked if Ameresco could offer any clarity on how it saw the business model of selling different services with stored energy, versus

## Japan: 1.67GW of energy storage wins in capacity auction

A total 1.67GW of projects won contracts, including 32 battery energy storage system (BESS) totalling 1.1GW and three pumped hydro energy storage (PHES) projects totalling 577MW. Renova, which claims to be Japan's only public-traded pureplay developer of renewable energy assets in Japan and Asia, won three of the next-biggest contracts



## UBS Asset Management buys 700MW ERCOT BESS

UBS Asset Management was advised on the transaction by Troutman Pepper, Clean Energy Counsel, and Euclid Power. BMES has now sold 1,200MW of energy storage projects for delivery in ERCOT in 2024 in the last two months, with a total energy capacity of at least 1,700MWh, assuming that UBS' acquired projects have a discharge of at least one hour.

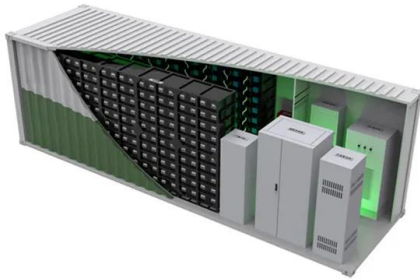
## UBS Asset Management to launch innovative energy storage ...

London/New York, 10 December 2021 - UBS Asset Management (UBS AM) today announces the hire of three senior industry experts to establish a new energy storage strategy, further expanding the sustainable investing solutions provided by its Real Estate & Private Markets business. Energy storage is crucial to enable the phasing out of carbon-intensive fossil fuels.



## Energy Storage Awards, 21 November 2024, Hilton London

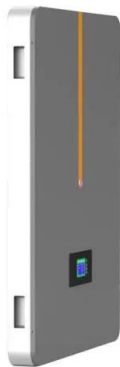
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Alpiq's asset optimisation head Bruno Meuriot said his company is seeking to make the energy storage system as profitable as possible for customer MW Storage and the strategy used to do this includes bundling up the storage system alongside other assets including third-party and smaller systems to provide services.

## UK listed fund Gore Street acquires 81MW of

Gore Street Energy Storage Fund, one of two stock exchange listed energy storage funds in the UK, has acquired an 81MW operating battery storage portfolio from Anesco, as the latter continues its transition from asset owner to services provider. The portfolio consists of 14 UK based storage assets that range in size from 1MW to 20MW



## Energy storage's value as transmission asset needs to be

...

A solar-plus-storage site in Massachusetts, part of ISO New England's service area which covers six states. Image: Kearsarge Energy. ISO New England, operating the high-voltage grid and wholesale electricity markets in the northeastern US region, has requested separate classification of energy storage as a transmission asset.

## UK's battery storage assets subject to 'weak

Gresham House chairman John Leggate said that with the BESS market in the UK - or more

specifically on the connected grid of Great Britain (GB) - shifting from an ancillary services-based one to one more focused on energy trading, a "challenging environment continues to persist for the battery storage industry". Back in October, Energy



## 'A very good year': France toasts rapid energy storage ...

Energy-Storage.news reported a while back on the completion of an expansion at continental France's largest battery energy storage system (BESS) project. BESS capacity at the TotalEnergies refinery site in Dunkirk, ...

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