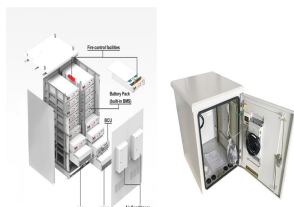


# HOW IS THE ENVISION POWER ENERGY STORAGE SYSTEM



Envision Energy will develop liquid-cooled energy storage systems which are capable of providing energy time-shifting, capacity services and frequency regulation services. Harmony Energy Income Trust invests within the battery energy storage sector and currently operates 109MW/218MWh of BESS in the UK with a further 286.4MW/572.8MWh under a?

## Commercial and Industrial ESS

- Air Cooling / Liquid Cooling
- Single Energy Storage
- Renewable Energy Integration
- Modular Design for Flexible Expansion



Envision Energy's intelligent liquid-cooled energy storage system will provide energy time-shifting, capacity services, and frequency regulation services to the local power grid. The Wormald Green project has a storage capacity of 33MW/66MWh, while the Hawthorn Pit project has a storage capacity of 49.9MW/99.8MWh.



Envision Energy has launched a advanced 5 MWh containerized liquid-cooled battery energy storage system (BESS). The system not only enhances Envision's energy storage product lineup but also sets new benchmarks for safety and performance in the industry, the company claims.



2 . Envision is a global leader in green power, encompassing smart wind power, energy storage systems and green hydrogen solutions that address the challenges of climate change. Its intelligent wind turbines enhance efficiency and reduce power generation costs through advanced sensors and innovation. Envision's energy storage solutions are



Shanghai-based Envision Energy unveiled its newest large-scale energy storage system (ESS), which has an energy density of 541 kWh/a?!, making it currently the highest in the industry.



# HOW IS THE ENVISION POWER ENERGY STORAGE SYSTEM



Envision's 8MWh+ energy storage system utilises its self-developed 700Ah+ storage-specific cells. These cells, produced by Envision Power, are a new generation product with an RTE of 96 cells. Combined with a compact system design, they allow Envision's 8MWh+ storage system to achieve an energy density of 541kWh/a?! per unit area, setting a



Atlantic Green has signed a deal worth almost GBP200 million with Ameresco, which will build a new 300MW battery energy storage system (BESS) alongside Envision Energy. The Cellarhead BESS project will be connected to National Grid's Cellarhead substation in the West Midlands and have a maximum energy capacity of 624MWh.



Energy storage systems (ESS) mitigate the intermittency of renewable energy sources such as solar and wind. They help to ensure a stable power supply by storing excess energy during high generation and discharging when needed. a?|



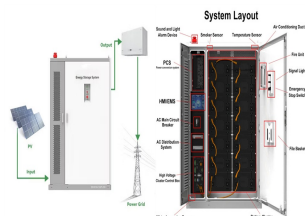
Envision Energy, a global leader in renewable energy solutions, is delighted to announce their latest Battery Energy Storage System (BESS) project with Field, a renewable energy infrastructure business operating in the UK and EU. The new agreement is part of a long-term partnership aimed at growing Envision Energy's Energy Storage



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# HOW IS THE ENVISION POWER ENERGY STORAGE SYSTEM



Envision Energy is a global leader in smart energy storage systems, offering comprehensive technological capabilities and solutions. In 2023, Envision Energy ranked fourth in China and fifth globally in shipment volumes. Currently, Envision Energy has participated in over 200 projects worldwide, delivering over 10GWh, with an order backlog of



Envision Energy will supply Field Whitebirk, a consented 50 MWh battery storage project located in Blackburn, England, with the hardware and equipment required to build the battery storage system



MUNICH, June 20, 2024 /PRNewswire/ a?? Envision Energy, a leader in green technology and Tier-1 global energy storage manufacturer ranked by BloombergNEF, proudly announces the launch of its 5 MWh Containerised Liquid-Cooled Battery Energy Storage System. This advanced system not only enhances Envision's energy storage product lineup but also sets new a?|



2 . Envision Energy is recognised globally for its contributions to green power, including smart wind power, energy storage systems and green hydrogen solutions. In early 2024, Envision Energy established a joint venture (JV) with Saudi Arabia's Public a?|



Envision Power is one of the earliest companies in the industry to launch and mass produce 300Ah+ energy storage batteries. Envision's energy storage systems equipped with Envision's energy storage batteries have been deployed in dozens of countries around the world, and have completed the delivery of more than 200 projects.



# HOW IS THE ENVISION POWER ENERGY STORAGE SYSTEM



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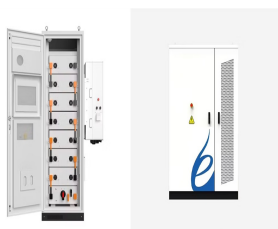
Through a "software-defined turbine" approach, Envision Energy has surpassed the technological limits of traditional wind turbines, and increased the efficiency of wind power generation by 15%. Envision is not only leading the development of low speed wind turbine in China, but also opening the market for distribute wind power market with innovative and reliab products.



Envision Energy has launched the worlds largest energy storage system at the 3rd EESA Energy Storage Exhibition, featuring a Standard 20-foot Single Container with an impressive 8MWh+ capacity. Home. These cells, produced by Envision Power, are a new generation product with an RTE of 96%, an energy density of 440+Wh/L, and over 15,000 cycle



From next-generation smart wind turbine manufacturing to integrated management systems, our offerings span wind, storage and beyond. Global Footprint. Envision has global footprint in China, France, Mexico, Vietnam, Argentina, Montenegro, Kazakhstan and other countries and regions all over the world. distributed wind power, energy storage



Envision distributed storage system for buildings with the concept of "safety, simplicity and intelligence", is designed to produce, store and consume energy from the power grid and provide integrated energy management services for building users by solving the load challenges such a?|



# HOW IS THE ENVISION POWER ENERGY STORAGE SYSTEM



Envision Energy, recognized as the "Green Giant" among the "2024 TIME100 Most Influential Companies", has unveiled a strategic joint venture (JV) with Saudi Arabia's Public Investment Fund (PIF) and Vision Industries. This venture aims to accelerate the wind power growth throughout the Middle East, committing to driving the region's journey towards a a?|



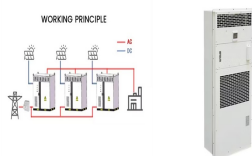
Atlantic Green has selected Ameresco and Envision Energy for the construction of a 300MW/624 mega watt hours (MWh) battery energy storage systems (BESS) project in the UK. Called Cellarhead, the project is poised to enhance the UK's energy security and reliability by connecting to the National Grid's Cellarhead sub-station in the West Midlands region of England.



The Chinese renewable energy solutions provider said it was awarded the supply contract following a competitive tender process aimed at identifying a scalable, strategic partner. The new agreement also supports Envision Energy's goal of growing its energy storage division and the BESS deployment in the UK and mainland Europe.



The product release follows the launch of the 6.25 MWh energy storage system by CATL in April and several other companies launching 6 MWh+ storage systems packed in a standard 20-foot container



Envision Energy's intelligent liquid-cooled energy storage system will provide energy time-shifting, capacity services, and frequency regulation services to the local power grid.



# HOW IS THE ENVISION POWER ENERGY STORAGE SYSTEM



Chinese multinational Envision Energy says that its 5.5 MW /14 MWh grid forming energy storage demonstration platform is the first and biggest single-unit grid-forming energy storage system globally to receive certification under rigorous, full a?]



Harmony Energy's Pillswood project in northern England. At 98MW/196MWh, the 2-hour BESS is Europe's largest, featuring Tesla Megapacks. Image: Harmony Energy. Chinese multinational corporation Envision Energy has agreed on a partnership with Harmony Energy Income Trust to provide battery energy storage systems (BESS) for projects in the UK.



A Shanghai battery maker's latest grid-storage power pack apparently commanded attention at a tech exhibition held in the city in September, according to multiple reports. Envision Energy's