



What is EDF renewables bringing to the UK?

EDF Renewables UK is set to bring more than 300MW of battery storage online to support the decarbonisation of the UK's grid. The strong pipeline of battery storage projects marks a significant milestone and ongoing momentum in accelerating the energy transition.

What is EDF renewables?

To develop these innovative projects, EDF Renewables builds on the expertise of its dedicated EDF Store & Forecast subsidiary, which was set up in 2014 and has developed a smart software solution to coordinate generation from renewable sources via forecasting and energy storage. Want to know more about our storage solutions?

How much battery storage will EDF renewables deliver?

In total, EDF Renewables UK plans to deliver up to 2GW of transmission-connected battery storage, with more than 400MW consented and a further 313MW already in construction. ENDS Notes to Editors

Can electricity be stored in EDF's existing gas storage facilities?

The final project will explore how electricity, converted into compressed air, can be stored in EDF's existing gas storage facilities, where EDF Thermal Generation and R&D will partner with io consulting and Hydrostor.

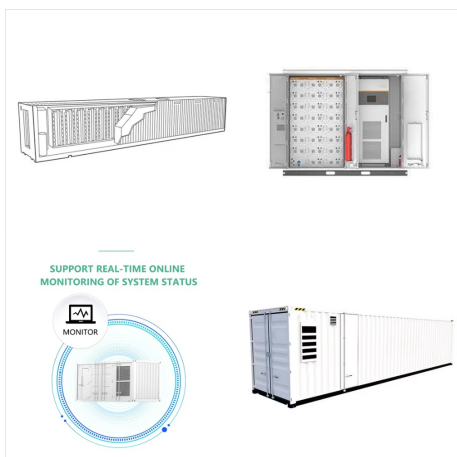
Are battery storage projects accelerating the energy transition?

The strong pipeline of battery storage projects marks a significant milestone and ongoing momentum in accelerating the energy transition. EDF Renewables UK has six projects in construction which are set to go live in the next 12 months, including a 57MW battery in Braintree, Essex and a 47.5MW battery in Indian Queens Saint Austell.

How can storage help reduce energy costs?

In addition to lowering operational energy costs, storage can help control and forecast long-term energy budgets and increase energy reliability. There are several options when it comes to adding storage - direct purchase, power purchase agreement, shared savings or power purchase agreement with shared savings.

# EDF ENERGY RENEWABLES BATTERY STORAGE



Habitat Energy was founded in 2017 to operate and manage battery storage assets and is also now offering renewable energy offtake and management, whether co-located with storage or stand alone. Habitat has independently developed a market leading trading platform based on algorithmic and machine learning techniques that can handle the intensive



The UK arm of EDF Renewables yesterday (20 August) announced that it will bring over 300MW of battery energy storage system (BESS) projects online over the next 12 months in the country. Six projects are currently in construction and scheduled for completion in the next year, with a total capacity of 313MW.

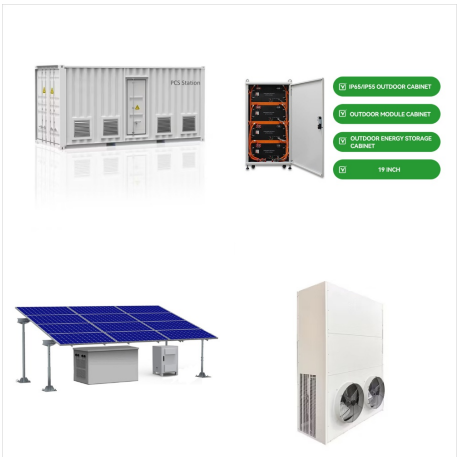


We are developing a national network of battery storage systems. We have chosen sites that are close to National Grid substations, major road networks and nearby towns and cities. Where possible, we are looking to combine grid-scale ???

# EDF ENERGY RENEWABLES BATTERY STORAGE



EDF Renewables UK's current projects contribute to an existing portfolio of more than 150MW of battery energy storage systems in operation across Oxfordshire, Kent and the West Midlands. With plans to deliver 2GW of transmission-connected battery storage, EDF Renewables UK has more than 400MW consented and a further 313MW in construction.



SAN DIEGO (February 24, 2016): EDF Renewables (EDF RE) announced today that the McHenry Storage Project, EDF Group's first battery storage project in North America, reached commercial operation on December 20, 2015. The energy storage system, located in McHenry County, Illinois, added 40 megawatts (MW) of flexible capacity (20 MW nameplate) to the PJM Regional [???



Battery storage and PV systems from EDF Renewables Purchase Agreement and is a power supply contract that establishes a direct partnership between us as a producer of renewable energy and you as an energy consumer. We offer you a PPA solution with a contract term of 20 years. You can then either buy the system or extend the contract for a

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Pivot Power, part of EDF Renewables, has won planning approval for two new grid-scale battery storage facilities in Sundon, Luton, and Indian Queens, Cornwall. Renewable Connections deliver highly innovative renewable energy developments in strategic locations across the UK and beyond. With a 100% success record of taking projects through



These projects add to EDF Renewables UK's existing portfolio of more than 150MW of battery energy storage systems already in operation in Oxfordshire, Kent and the West Midlands. In total, EDF Renewables UK plans to deliver up to 2GW of transmission-connected battery storage, with more than 400MW consented and a further 313MW already in



£58bn (US\$74.9bn) worth of investment is needed to align the grid capacity in the UK to match up with the rising demand for renewable energy by 2035. At EDF Renewables, we've committed to major investments in renewable energy sources like onshore and offshore wind, solar and battery storage, with the aim to reach 10GW of renewable capacity



# EDF ENERGY RENEWABLES BATTERY STORAGE



The safety of people and the environment is EDF Renewables UK's number one priority, so the first task for the apprentices will be a 10-day training course in North Tyneside where they will be put through their paces to ensure they can safely work on-site.



In 2019 Central Bedfordshire Council granted EDF Renewables planning permission for the development of a battery storage system on the land adjacent to Sundon substation. EDF Renewables accelerates UK's energy superpower ambitions with over 300MW of battery storage projects. EDF Renewables UK is set to bring more than 300MW of battery



It shares a connection to National Grid's high voltage transmission network with a 50MW hybrid battery storage system, helping our electricity network to make more use of renewable energy. This means that as more EVs hit the road, we can increase the amount of low carbon electricity powering them and accelerate Oxford's journey to zero carbon.

# EDF ENERGY RENEWABLES BATTERY STORAGE



EDF Energy Renewables has won a contract from National Grid to provide 49 MW of battery storage at its West Burton Combined Cycle Gas power station in Nottinghamshire. It will form part of a new [200 MW] enhanced frequency response system which will be deployed across the UK to balance the UK grid. With the [??]



Pivot Power, part of EDF Renewables, Wartsila, the global technology company, and EDF, Britain's biggest generator of low carbon electricity, have activated a 50MW/50MWh battery energy storage system at Pivot Power's Kemsley site in Kent, which will help to support the transition to a decarbonised electricity system and accelerate the UK's net zero future.



This is Wartsila's sixth project with EDF Renewables UK and Ireland, and builds on the strong, long-term partnership between the two companies. Wartsila's energy storage portfolio in the UK now exceeds 1 GWh. The new storage facility will be connected to the transmission network, enabling the integration of renewable energy into the grid.

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Battery energy storage systems are essential to unlocking the full potential of renewable energy in the UK by storing power generated during periods of oversupply, such as when it is windy, and then releasing such power back into the national electrical network when there is greater demand. EDF Renewables accelerates UK's energy

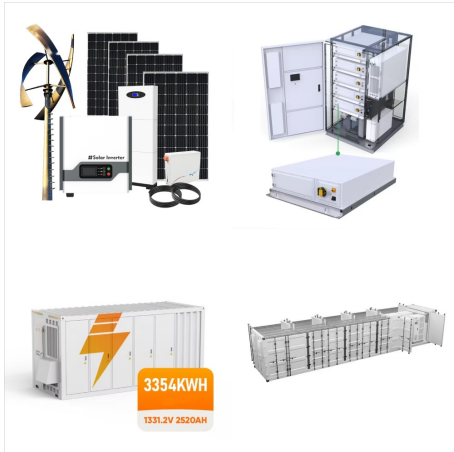


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We have a strong momentum behind our projects, helping the UK to reap the benefits of cost-effective, clean renewable energy and a modern, flexible grid." These projects add to EDF Renewables UK's existing portfolio of more than 150MW of battery energy storage systems already in operation in Oxfordshire, Kent and the West Midlands.

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In a trio of UK battery storage announcements, EDF Renewables has commissioned a 50MW battery energy storage system (BESS), while TagEnergy and Exagen have progressed two projects totalling another 175MW. According to the renewable energy developer, this is the third large-scale project it has submitted into planning in the last 10 ???



The EDF Group invests worldwide in the development, construction and operation of storage facilities to enable the transition towards renewable energy. We provide our industrial customers with high-performance battery storage systems as part of a full-service package in order to make an active contribution to the energy transition and reduce



Storage may be the right solution for your business as a standalone system or bundled with a solar package. In addition to lowering operational energy costs, storage can help control and ???



# EDF ENERGY RENEWABLES BATTERY STORAGE



EDF Renewables employees at a battery energy storage facility. EDF Renewables is set to bring more than 300 MW of battery storage capacity online over the next 12 months across six UK projects



In England, Ireland, Scotland and Wales, EDF Renewables is a major renewable energy company, specialising in wind power, solar power, and battery storage technology. Our aim is to do whatever we can to ensure all our customers enjoy access to a diverse, reliable, and affordable low-carbon energy mix for decades to come. Read more



Energy & Climate Change Minister Greg Hands said: "Driving forward energy storage technologies will be vital in our transition towards cheap, clean and secure renewable energy. "It will allow us to extract the full benefit from our home-grown renewable energy sources, drive down costs and end our reliance on volatile and expensive fossil fuels.