

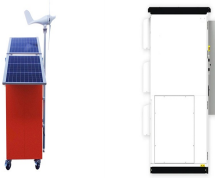
# SSE BATTERY STORAGE KENYA

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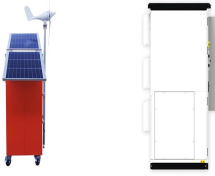


Who is implementing a battery energy storage system in Kenya?

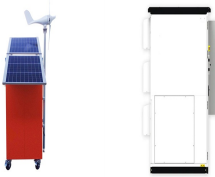
Nairobi, Friday, November 24, 2023: Kenya Electricity Generating Company PLC (KenGen), has been earmarked as the Implementing Agency for the Battery Energy Storage System (BESS) as part of the Kenya Green and Resilient Expansion of Energy (GREEN) program, funded by the World Bank.



Does Kenya need battery energy storage? A battery energy storage. The question of power storage has become critical as Kenya embraces e-mobility which requires reliable power supplies. The Energy and Petroleum ministry targets to mainstream power storage in its electricity master plan as the country's renewable energy generation expands.



Can a 50MW wind power plant be built in Kenya? Separately on September 9, 2019, the US Trade and Development Agency awarded a grant to Kenya's Crafts Skills Energy Limited for a feasibility study by an American firm, Delphos International for the development of a 50MW wind power plant with integrated battery storage capacity in Kenya.



How much BESS is needed in Kenya? Kenya Power projected that more than 480MW of BESS are required across different locations in the country, such as western Kenya, where there is inadequate transmission capacity at peak times as well as at substations along Kenya's coast.



Reaching our net zero targets will require an unprecedented expansion of clean energy solutions this decade. This includes pumped hydro storage, a technology that has been around for over 100 years but is undergoing a global renaissance due to the need to integrate and balance increasing volumes of variable renewables.

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Kenya Electricity Generating Company (KenGen) has been selected to carry out a battery storage pilot project, through a programme to increase electricity access funded by the World Bank.



In May 2024, SSE said it would acquire the 100MW/200MWh Derrymeen project at Dungannon in Northern Ireland, and is also developing an 80MW battery project at Tawnaghmore, Co Mayo, and a 100MW



The Kenya Electricity Generating Company PLC (KenGen), has been designated to be the Implementing Agency for the Kenyan Battery Energy Storage System (BESS), which is part of the Kenya Green and Resilient Expansion of Energy (GREEN) program, funded by the World Bank.



SSE has purchased the project development rights for its first 50MW battery storage asset on a consented site in Wiltshire, from Harmony Energy Limited. SSE plans to bring the project to financial close and construct the battery storage facility at Salisbury over the next 18 months.



SSE Renewables's first battery storage site has 26 units which will start providing flexible power to the National Grid from February 2024. Battery storage is said to hold a key role in unlocking the path to net zero because of its ???



SSE Renewables, a developer specializing in renewable energy projects, announced that it has acquired the project development rights for a 120 MW/240 MWh grid-scale battery energy storage system (BESS) in Ireland. The acquisition was made from Low Carbon, a U.K.-based

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renewable energy firm. Under the deal, SSE acquired the Thornsberry BESS ???

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The Derrymeen project is SSE Renewables' first battery storage development in Northern Ireland. It would deliver significant economic and job creation benefits to County Tyrone and Northern Ireland during construction. If approved for final delivery, construction could commence on the project early next year and be operational by the end of



"SSE Renewables has almost 2GW of battery and solar projects currently in development or under construction. These technologies are key to helping SSE deliver on its ?25bn net zero acceleration programme to provide the green energy we need to decarbonise. "By building out more battery storage, we can get more renewable power onto the grid.



SSE's battery storage project in construction at Ferrybridge has reached a significant milestone with the arrival of the first batteries at the site in West Yorkshire. A total of 136 battery units will be installed at the 150MW / 300MWh site, which will be SSE Renewables' second battery storage facility and three times the size of its first



Groundbreaking at SSE's largest battery storage project at Monk Fryston, North Yorkshire. Image by: SSE plc. The BESS will be installed in the village of Monk Fryston and will be capable of storing electricity to meet the demand of roughly 533,000 homes for up to two hours during times of peak demand. It is expected to become operational by



As previously covered by Solar Power Portal in March, global systems integrator Fluence revealed it would supply batteries for a 150MW/300MWh battery storage project being developed by SSE Renewables at Fiddler's Ferry, Warrington. The battery storage project is situated at the former SSE-owned coal-fired power station at Fiddler's Ferry.

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SSE's first operational battery storage facility in Salisbury, with a 50MW capacity, has already commenced full operations and two further projects are under construction phase at Ferrybridge and Fiddler's Ferry, each with a capacity of 150MW. In August 2024,



Kenya Electricity Generating Company PLC (KenGen) has been appointed as the Implementing Agency for the Battery Energy Storage System (BESS) as part of the Kenya Green and Resilient Expansion of ???



SSE has acquired the project development rights for a 120MW/240MWh grid-scale battery energy storage system (BESS) project in County Offaly from UK-based renewable energy company Low Carbon which, if approved for final delivery, could be constructed and operational by the end of decade.



Monk Fryston is a 320MW capacity battery energy storage system (BESS) based in the Selby district of North Yorkshire. SSE Renewables took a final investment decision on the project in November 2023, with construction due to begin in spring 2024. SSE Renewables will partner with Morrison Energy Services and Sungrow to deliver the Monk



A landscape first approach to supporting biodiversity net gain. The scheme has adopted a "landscape first" approach, with the formation of an approximately 25m wide landscape buffer along the sites northern and eastern boundary and up to 60m wide at the site's southern tip.



SSE has acquired the project development rights for a 120MW/240MWh grid-scale battery energy storage system (BESS) project in Co Offaly. The Thornsberry grid-scale project near Tullamore could

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Our flagship operational battery project. Salisbury BESS is now SSE Renewables' flagship operational battery site and will make an important contribution to the delivery of SSE plc's Net Zero Acceleration Programme, a fully funded five-year investment plan which will see SSE Renewables investing over £7bn to 2027, or almost £4m a day on



We are progressing a 1.2GW secured pipeline of utility-scale solar and battery projects across the UK and Ireland and a further 1.3GW of other prospective sites under development. These assets complement our existing portfolio of other low carbon infrastructure such as wind and hydro. Our solar projects will be capable of harnessing the abundant power of the sun to bring renewable ???



SSE has acquired the rights from UK company Low Carbon for the development of a 120MW/240 megawatt hours (MWh) grid-scale battery energy storage system (BESS) project in Ireland's Midlands.. The move by SSE Renewables, a branch of the Financial Times Stock Exchange-listed SSE, is part of its strategy to grow its battery storage portfolio in the country.



Groundbreaking at SSE's largest battery storage project at Monk Fryston, North Yorkshire. Image by: SSE plc. The BESS will be installed in the village of Monk Fryston and will be capable of storing electricity to meet ???



SSE Renewable's 50MW battery storage facility in Wiltshire, England. Image: SSE Renewables. The energy company said that the project has the potential to power 115,000 Irish homes for up to two

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Richard Cave-Bigley, Director of Solar & Battery, SSE Renewables, said:  
"It is very exciting to have taken a final investment decision for our 150MW Fiddler's Ferry BESS project in Warrington. "Similar to our ???



SSE Renewables took the Final Investment Decision of Monk Fryston in November 2023. The construction of the project commenced in the spring of 2024. It will be followed by the commencement of commercial operations in late 2025. The Monk Fryston Battery Energy Storage Project will consist of storage energy systems, power infrastructure, ???



W?rtsil? is to provide a 50MW/100MWh energy storage system for SSE's first grid-scale battery project in Salisbury, Wiltshire. "Today is a key milestone for SSE as we build out our first battery storage project at Salisbury, but it is also just the beginning of a multi-GW pipeline of solar and battery projects to come," Richard Cave



SSE has acquired the project development rights for a 120MW/240MWh grid-scale battery energy storage system (BESS) project in Ireland's Midlands from UK-based renewable energy company Low Carbon which, if approved for final delivery, could be constructed and operational by the end of decade.