

TUVALU ESB BATTERY



What is the Tuvalu energy project? The project will help the Government of Tuvalu expand access to modern energy services; improve service quality, reliability, and climate resilience; reduce reliance on fossil fuels for power generation; and reduce the cost of generation. The project will decrease the supply cost by partially replacing diesel power with solar power.



Where does Tuvalu electricity come from? Tuvalu's power has come from electricity generation facilities that use imported diesel brought in by ships. The Tuvalu Electricity Corporation (TEC) on the main island of Funafuti operates the large power station (2000 kW).



Where will solar power be boosted in Tuvalu? Solar power will be boosted in four locations: Funafuti (the capital) and the islands of Nui, Nukufetau and Nukulaelae. The project has been classified C for Involuntary Resettlement and Indigenous People. Tuvalu is an independent sovereign state, and the government of the day is elected from the indigenous population.



How much does IAREP cost in Tuvalu? It has an overall estimated cost of \$750 million, including ADB financing of up to \$200 million. Through this program, the facility will finance a grant to Tuvalu for the Increasing Access to Renewable Energy Project (IAREP).



What does ADB funding mean for Tuvalu? The ADB project funding announced in November 2019 will increase production of electricity from renewable energy sources from 15% to 32% in Funafuti and from around 70% to over 90% in Tuvalu's outer islands.

TUVALU ESB BATTERY



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Irish state-owned utility ESB on Friday inaugurated a 150-MW/300-MWh battery energy storage system (BESS) at its Aghada site in County Cork as part of its EUR-300-million (USD 317m) investment in battery projects at sites in Dublin and Cork. a 19-MW/38-MWh facility, also in Aghada, in 2022, and of a 75-MW/150-MWh battery at ESB's Poolbeg

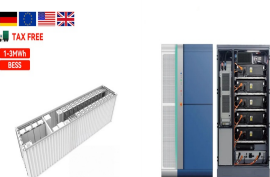


State-owned electricity company ESB and energy storage technology company Fluence have announced two new battery projects in Dublin, Ireland. The 75MW/150MWh battery in Poolbeg is to be the EU's largest battery energy storage system (BESS) project by energy capacity, the companies said.



ESB Battery

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TUVALU ESB BATTERY

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TUVALU ESB BATTERY



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The state-owned energy company is to develop battery energy storage systems at two of its pre-existing sites, one on the east coast at Inchicore, Co Dublin and one on the west coast at Aghada, Co Cork. ESB will work with energy storage technology provider Fluence for both the 60MWh Dublin site and the 38MWh Cork site.



Irish state-owned electricity company ESB has opened a 150MW/300MWh battery energy storage system (BESS) at its Aghada site in Co Cork. The project is the latest step in ESB's commitment to investing ???300 million (?251 million) in battery storage technology. Its first BESS site launched in 2022, a 19MW/38MWh project also located in Aghada.

TAX FREE   



State owned electricity company ESB and energy storage technology company Fluence have announced two new battery projects in Dublin. The 75MW/150MWh battery in Poolbeg is to be the EU's largest battery energy storage system (BESS) project by energy capacity, the companies said. "This new battery capacity is an example of ESB's

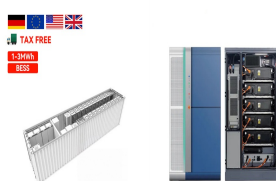


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TUVALU ESB BATTERY



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State owned electricity supply company ESB has announced its first major battery projects in Ireland, at sites in Inchicore, Co Dublin and Aghada, Co Cork. Both battery energy storage systems will be installed at existing ESB sites, with the company working with technology provider Fluence on the 60MWh system in Dublin and 38MWh system in Aghada.



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Within three months, Henkel delivered a gasketing solution ???
 LOCTITE(R) ESB 5100 ??? that allows for battery pack serviceability and
 can be used in a large-scale production set-up. The material is now used
 by the OEM to securely seal more than 100,000 battery packs a year,
 making it a proven solution for EV battery pack gasketing.



APPLICATION SCENARIOS



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