

Why is battery energy storage system being introduced in Mauritius?

In view of the increasing share of the Variable Renewable Energy (VRE) in the energy mix of Mauritius, the CEB has planned for the introduction of Battery Energy Storage System on its network to arrest the fluctuation inherent to the VRE systems. The Mauritian energy transition to a low carbon economy is picking up speed.

What is Mauritius' long term energy strategy?

This is in line with the Government of Mauritius' Long Term Energy Strategy 2009-2025 to increase the share of renewable energy in our energy mix (electricity production, transportation sector and manufacturing) to 35% by, namely, reducing the country's dependence on coal and heavy oil for electricity generation.

How will Mauritius transition to a low carbon economy?

The Mauritian energy transition to a low carbon economy is picking up speed. The CEB has installed the first grid-scale Battery Energy Storage System (BESS), the first in its kind in Mauritius, to enable high capacity storage of renewable energy in the grid.

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Designed to stabilise the electrical grid frequency, the BESS, supplied and installed by SIEMENS France, will contribute to increasing the use green energy in the Republic of Mauritius. In line with the Government's RE policy, it will also help to reduce the share of fossil fuels on the national energy grid, and to curb greenhouse gas ...

The Government of Mauritius has inaugurated a 20 MW grid-scale battery energy storage system (BESS) at the Amaury Sub-station, marking a significant stride towards its ambitious goal of achieving 60% renewable energy in the electricity mix by 2030.

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The purpose of the transmission system is to transmit electricity, at a higher voltage, from sources of generation to Bulk Supply Points or Major Substations. The electricity is then stepped down to lower voltages to supply distribution networks, which in turn supply customers.

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The 14 MW Grid-Scale Battery Energy Storage System (BESS), spread over four Central Electricity Board (CEB) sub-stations namely La Tour Koenig (2MW), Anahita (4MW), Wooton (4MW) and Jin Fei (4MW), was inaugurated, ...

The large-scale battery energy storage system (BESS), provided by German engineering company Siemens, was inaugurated on the morning of 28 May, with dignitaries in attendance including the country"s minister of energy and ...

This high-tech, latest technology and ultra-fast response battery energy storage system (BESS) is the first of a series of upgrades to the electricity grid in order to achieve a smarter, more modern and cleaner electricity network in Mauritius.

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