

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.

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.

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.

Is the energy strategy in Mauritius sustainable?

The energy strategies in Mauritius, which have been demand-driven without incentives to reduce demand, can no longer be sustainable. It is the duty and responsibility of the Government to work towards decreasing carbon dioxide emissions in light of environmental issues.

Where can I find information on energy access in Mauritius?

Find relevant data on energy production, total primary energy supply, electricity consumption and CO2 emissions for Mauritius on the IEA homepage. Find relevant information for Mauritius on energy access (access to electricity, access to clean cooking, renewable energy and energy efficiency) on the Tracking SDG7 homepage.

What is the long-term energy policy of Mauritius?

In April 2007, the Government of Mauritius adopted the 'Outline of the Energy Policy 2007-2025 - Towards a Coherent Energy Policy for the Development of the Energy Sector in Mauritius'. This document outlines the Government's long-term vision for the energy sector.

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GIS- 28 May 2024: In line with Government's vision to promote Renewable Energy in the electricity mix to 60% by 2030, a 20 Megawatt (MW) Grid-Scale Battery Energy Storage System (BESS), was inaugurated, in presence of the Minister of Energy and Public Utilities, Mr Georges Pierre Lesjongard, this morning, at the Amaury Sub-station.

Energy storage for time-shifting of renewable energy. In Mauritius, the power-intensive application of Battery Energy Storage Systems (BESS) in the form of frequency regulation is being adopted [28].

France-based independent power producer (IPP) Qair Energy will deploy 60MWac of solar-plus-storage projects on the island nation of Mauritius after it won a state tender. The company announced the finalisation of four separate power purchase agreements (PPAs) for the projects' energy with the Mauritius' Central Electricity Board (CEB ...

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The government of Mauritius has welcomed the commissioning of a 20MW battery storage project which will provide frequency regulation to the East African island nation's grid.

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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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Under the 2022-2023 national budget, the government committed to initiatives including setting up 140MW of

hybrid renewables-plus-storage facilities with private entities, investment in about 30MW of ground-mount and commercial solar PV, and the new 20MW battery storage system.

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