

# Total investment cost of utility scale ESS project in Mauritius

What is Mauritius aiming to reduce dependence on?

The Government of Mauritius' Long Term Energy Strategy 2009-2025 aims to increase the share of renewable energy in our energy mix to 35% by, reducing the country's dependence on coal and heavy oil for electricity generation.

How will Mauritius transition to a low carbon economy?

Mauritius is transitioning to a low carbon economy, with the Central Electricity Board (CEB) installing the first grid-scale Battery Energy Storage System (BESS). This is the first of its kind in Mauritius and enables high capacity storage of renewable energy in the grid.

How much power does Mauritius need?

Mauritius and 7.9 MW for Rodrigues. Compared to 2020, the peak power demand decreased for both Island of Mauritius and Island of Rodrigues by around 5% (from 494 MW in 2020) and 2% (from 8.1 MW), respectively (Table 7). Some 2,992 GWh (257 ktoe) of e

How much water does Mauritius receive in 2021?

3. Water 3.1 Water Balance In 2021, Island of Mauritius received 3,776 million cubic metres (Mm<sup>3</sup>) of precipitation (rainfall), up by 1.6% compared to 3,717 (Mm<sup>3</sup>) recorded in 2020. Some 10% (378 Mm<sup>3</sup>) of the precipitation went as ground water recharge, while evapotranspiration and surface runoff accounted for 30% (1,133 Mm<sup>3</sup>) and 60% (2,2

How much electricity is produced from bagasse?

and by 15% from 18 GWh to 15 GWh. Electricity generated from bagasse, which included cane trash, decreased by 9% from 384 GWh to 350 GWh. From 146 GWh of photovoltaic energy source used to produce electricity, around 15

Mauritius' ambitious renewable energy goals and strategic investments reflect its dedication to sustainability and innovation. By fostering collaboration and offering attractive incentives, the island is not only securing its energy future but also ...



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