



# Mauritius ensync energy systems

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.

Why is ensynchrony important?

EnSynchrony provides an important solution for converting the grid from fossil fuel and nuclear power generation to intermittent renewable, carbon-free energy sources.

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.

EnSync Energy ensures the most cost-effective and resilient electricity, delivered from an electrical infrastructure that prioritizes the use of all available resources, such as renewables, energy storage and the utility grid.

We design off-grid systems that, in the event distributed energy resources are not sufficient to carry the load, you can utilize grid power to ensure ride through, which is how the SPI...

EnSync Energy's Matrix Energy Management and DER Flex technologies will provide the initial market entry products and services to accomplish automated visibility and control of distributed electric generation resources on both sides of the conventional utility meter.

The EnSync Home Energy System combines solar, energy storage, power electronics and an Internet of Energy control platform that delivers state-of-the-art functionality and modularity, with industry benchmark economics, safety and system efficiency.

EnSynchrony(TM) is a leader in electricity storage services, and the delivery of green electricity. Our innovative EnSync storage system enables our clients to successfully transition to the electric grid of the future and empowers them to operate more efficiently and cost-effectively.

Given that greenhouse gas emission from the energy sector is the biggest share, increasing the share of



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renewable energy emerges as an option to improve energy security and decarbonizing the electricity mix.

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The four Stor"Sun solar plants located in Trou d'Eau Douce (SS1 and SS2), Balaclava (SS3) and Petite-Riviere (SS4) will integrate large scale Battery Energy Storage Systems (BESS) to provide a clean and firm renewable power to the grid.

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