



# Sri Lanka s first grid-connected energy storage project

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Generated on: 2026-04-10 05:28:01

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The Ceylon Electricity Board (CEB) yesterday announced significant progress towards launching the Maha Oya Pumped Storage Hydropower Project, first-ever "water ...

The overall project aims to enhance the reliability and optimise the existing fault clearance system of transmission and distribution (T& D) networks of Sri Lanka's two grid ...

By reducing dependence on fossil fuels and lowering carbon emissions, the project will play a crucial role in Sri Lanka's transition to ...

The planned pumped storage is expected to store around 600 MW of energy. Located in Aranayake and Nawalapitiya, the project will store excess Renewable Energy (RE) ...

The project will introduce Sri Lanka's first grid-scale battery energy storage system at the transmission level, establish a renewable energy center to forecast and monitor ...

Issuing a statement, the CEB said this groundbreaking 600 MW project will store excess renewable energy from solar and wind sources, ensuring grid stability and supporting ...

The overall project aims to enhance the reliability and optimise the existing fault clearance system of transmission and ...

In conclusion, the Maha Oya "Water Battery" represents a significant step toward a cleaner energy future for Sri Lanka. Balancing the benefits of renewable energy storage with ...

This groundbreaking 600 MW initiative will store excess renewable energy from solar and wind sources,



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ensuring grid stability and supporting Sri Lanka's goal of generating ...

Sri Lanka's energy sector is entering a transformative phase with the planned construction of the Maha Oya Pumped-Storage Power Station -- the country's first large-scale ...

By reducing dependence on fossil fuels and lowering carbon emissions, the project will play a crucial role in Sri Lanka's transition to sustainable energy. According to CEB ...

New transmission lines and substation will be added to the 220kV and 132kV transmission infrastructure and a 100MW/50MWh BESS will be connected to the transmission ...

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