

# **Sri Lanka Energy Storage Power Station Project**





## Overview

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The Maha Oya Pumped Storage Power Station is a 600 MW being developed in the Nuwara-Eliya and areas of . Upon completion, it will be the country's first facility, and one of the largest in terms of nameplate capacity. The Maha Oya facility is designed to store excess renewable energy from solar and wind sources, thus creating supporting infrastructure for Sri Lanka's target of generating 70% of its electricity from renewable sources by 2030.

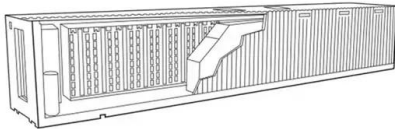
The Maha Oya facility is designed to store excess renewable energy from solar and wind sources, thus creating supporting infrastructure for Sri Lanka's target of generating 70% of its electricity from renewable sources by 2030.



## Sri Lanka Energy Storage Power Station Project

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### [Sri Lanka eyes power storage plant for renewables](#)



Sri Lanka's state-run Ceylon Electricity Board has been given the go ahead to identify and conduct a feasibility study on a pumped storage plant ...

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### [Sri-Lanka's first grid-scale battery storage project](#)

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 ...

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### [President and Indian Prime Minister Jointly Launch ...](#)

The Sampur Solar Power Plant is part of the Eastern Renewable Energy Zone, which is being established under Sri Lanka's Long-Term ...

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### [CEB moves forward with first-ever "water battery" to boost ...](#)

"This groundbreaking 600 MW project will store excess renewable energy from solar and wind sources, ensuring grid stability and supporting Sri Lanka's goal of generating ...



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### [Securing Sri Lanka's renewable energy future: Plan of ...](#)

An ADB-funded project seeks to enhance Sri Lanka's grid through improved transmission, distribution, and protection systems. It will feature the ...

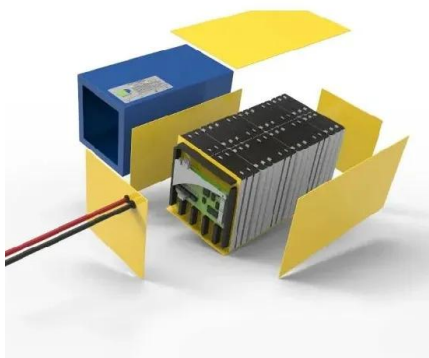
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### [Maha Oya Pumped Storage Power Station](#)

The Maha Oya facility is designed to store excess renewable energy from solar and wind sources, thus creating supporting infrastructure for Sri Lanka's target of generating 70% of its electricity ...

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### [Sri Lanka seeks multilateral funds for 600MW pumped storage ...](#)

The 600 MW project will store excess renewable energy from solar and wind sources, ensuring grid stability and supporting Sri Lanka's goal of generating 70 percent of ...

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### [Sri Lanka's First "Water Battery": A New Era of Clean Energy or](#)

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 ...

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### **CEB moves forward with first-ever "water battery" to boost renewable energy**

"This groundbreaking 600 MW project will store excess renewable energy from solar and wind sources, ensuring grid stability and supporting Sri Lanka's goal of generating ...

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### [CEB advances Maha Oya Pumped Storage hydropower project](#)

The Ceylon Electricity Board (CEB) has announced that it is making substantial progress in launching the Maha Oya Pumped Storage Hydropower Project, marking Sri ...

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### [Govt. breaks ground on \\$ 140 m Rividanavi solar power project](#)

4 days ago· The Government began construction of the country's largest renewable energy project--the 'Rividanavi' Solar Power Park on Saturday (6), under the patronage of President ...

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### [WindForce PLC , Renewable Energy In Sri Lanka , Akbar Group](#)

Accordingly, solidifying WindForce's position as a driving force within Sri Lanka's renewable energy sector, the project will be delivered as an all-inclusive package, encompassing a ...

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### [Sri Lanka to sign PPA for US\\$1.7bn Australia-backed solar plant ...](#)

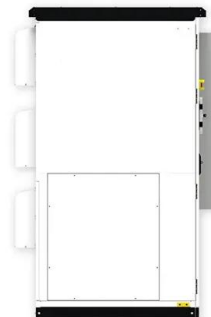
World Bank discusses Sri Lanka power interconnectivity with India Sri Lanka president reiterates power grid connectivity plans with India Sri Lanka to get power plant with ...

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### [Maha Oya Pumped Storage Project Set for Launch](#)

The Ceylon Electricity Board (CEB) is preparing to launch the Maha Oya Pumped Storage Hydropower Project, known as Pumped Storage Power Plants (PSPP), its first-ever ...

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### [Feasibility study of a Pumped Storage Power Plant in Sri Lanka](#)

This research study carryout feasibility study of introducing pumped storage power plant to Sri Lankan power system. Six locations which are suitable for a pumped storage power plant are ...

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## Ministry of Energy

It is my great pleasure to present this message for the "Progress Report 2024," which highlights the development activities undertaken in 2024 and outlines the plans for 2025 within the ...

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### [CEB advances Sri Lanka's first 'Water Battery' project](#)

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 ...

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### [\\$ 1 b pumped storage project: International funding yet to be ...](#)

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) ...

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### [Hayleys Solar Successfully Commissions Sri Lanka's Largest ...](#)

The project establishes Sri Lanka's largest non-government-funded battery energy storage system (BESS), powered by solar photovoltaic (PV) technology. The Battery ...

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### [CEB advances Sri Lanka's first 'Water Battery' project](#)

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### [Maha Oya Pumped Storage Power Station](#)

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### [Renewable energy plans 2030 energy targets](#)

To meet its 2030 renewable energy target and address growing energy demand under economic constraints, Sri Lanka must adopt a multifaceted approach. By prioritising ...

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### [Sooriyabala Sangaramaya , Sri Lanka Sustainable ...](#)

The Ministry of Power and State Minister of Solar, Wind and Hydro Power Generation Projects Development has launched a community based power ...

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### [Sri Lanka and India launch three key development projects to ...](#)

The Sampur Solar Power Plant is a key part of the Eastern Renewable Energy Zone under Sri Lanka's Long Term Generation Expansion Plan. The project, developed by the ...

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## **Sri Lanka**

New renewable energy development continued with the awardees of the competitive bidding process for two rounds of solar and wind development programmes across the country. The ...

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### [Sri lanka energy storage project](#)

An Australia-based global renewable energy developer has proposed to set up a solar power plant of 700mw with a battery energy storage system at Poonakary accept the project ...

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