



Sri Lanka Power Storage Project





Overview

The Maha Oya Pumped Storage Power Station is a 600 MW being developed in the Aranayaka and Nawalapitiya areas of Sri Lanka. 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.

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The Ceylon Electricity Board (CEB) says that it is making significant progress toward launching the Maha Oya Pumped Storage Hydropower Project, Sri Lanka's first-ever "Water Battery." This groundbreaking 600 MW initiative will store excess renewable energy from solar and wind sources, ensuring grid.

The Ceylon Electricity Board (CEB) has announced that it is making significant progress toward launching the Maha Oya Pumped Storage Hydropower Project, the country's first-ever "Water Battery." Issuing a statement, the CEB said this groundbreaking 600 MW project will store excess renewable energy.

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 'Water Battery', located in Aranayake and Nawalapitiya. This groundbreaking 600 MW project will store surplus renewable energy from.

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 energy storage project. Dubbed the nation's "Water Battery," this 600 MW facility will play a pivotal role in achieving Sri Lanka's target of generating 70% of its electricity from renewable sources by 2030.



Sri Lanka is embarking on a groundbreaking renewable energy journey with its first-ever “Water Battery”—the Maha Oya Pumped Storage Hydropower Project. This 600-megawatt initiative, spearheaded by the Ceylon Electricity Board (CEB), will store surplus energy from solar and wind power, ensuring a.



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

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[Sri Lanka's first "Water Battery": CEB advances ...](#)

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



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

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[Maha Oya Pumped Storage Power Station](#)

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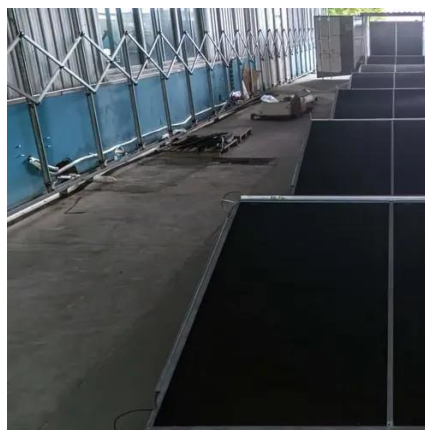


[Sri-Lanka's first grid-scale battery storage project](#)

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 ...

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

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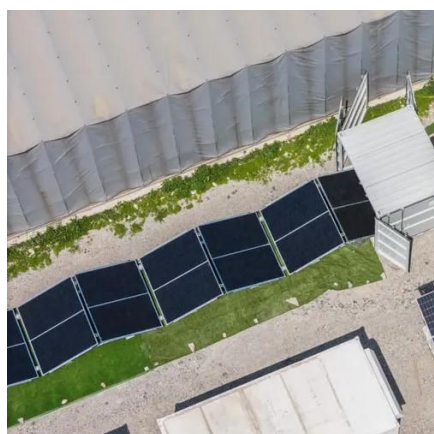


Sri Lanka's first "Water Battery": CEB advances Maha Oya Pumped Storage

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

Sri Lanka's First "Water Battery": Maha Oya Pumpd-Storage ...

This landmark project is designed to store excess solar and wind energy during off-peak hours and release it during peak demand, ensuring a stable, reliable, and sustainable ...



[Maha Oya Pumped Storage Power Station](#)

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[A Comprehensive Overview of Sri Lanka's Pumped Hydro ...](#)

This paper reviews the current status of Sri Lanka's power sector, assesses PHS potential in Sri Lanka, and examines the benefits of PHS development for Sri Lanka.



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

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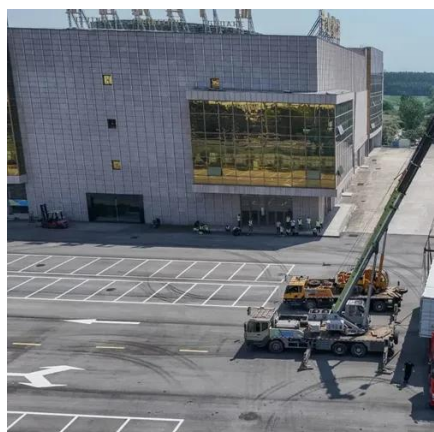
[CEB advances Sri Lanka's first 'Water Battery' project](#)

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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 ...



\$ 1 b pumped storage project: International funding yet to be ...

Furthermore, it is also learnt that no international funding has been secured for the project yet. The planned pumped storage is expected to store around 600 MW of energy. ...



Contact Us

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