



# Sri Lanka Energy Storage Power Station Construction





## Overview

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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 11,000 MW of renewable energy by 2031.

The Maha Oya Pumped Storage Hydropower Project, Sri Lanka's first-ever 'water battery,' announced by the Ceylon Electricity Board (CEB) last week, is estimated to cost around \$ 1 billion, with construction set to be completed by 2031 provided the CEB successfully completes the project.

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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.

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The Maha Oya Pumped Storage Power Station is a 600 MW pumped-storage power station being developed in the Aranayaka and Nawalapitiya areas of Sri Lanka. Upon completion, it will be the country's first energy storage facility, and one of the largest power stations in Sri Lanka in terms of nameplate.

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 11,000 MW of renewable energy by 2031.

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) is advancing Sri Lanka’s first-ever pumped storage hydropower project, the Maha Oya Pumped Storage Hydropower Project, marking a significant milestone in the country’s renewable energy transition. Dubbed the nation’s first “Water Battery,” the 600 MW facility will.



## Sri Lanka Energy Storage Power Station Construction



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

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. At a recent meeting, ...

### Maha Oya Pumped Storage Power Station

The Maha Oya Pumped Storage Power Station is a 600 MW pumped-storage power station being developed in the Aranayaka and Nawalapitiya areas of Sri Lanka. Upon completion, it will be ...



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



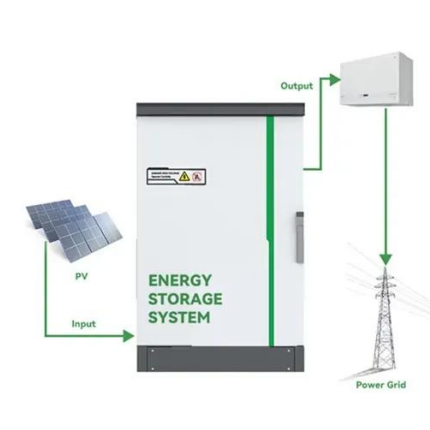


suitable for a pumped storage power plant are



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

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 ...



## Maha Oya Pumped Storage Power Station

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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 ...



### [CEB spearheads Sri Lanka's first pumped storage project](#)

Dubbed the nation's first "Water Battery," the 600 MW facility will store excess renewable energy from solar and wind sources, ensuring grid stability and energy security. ...

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

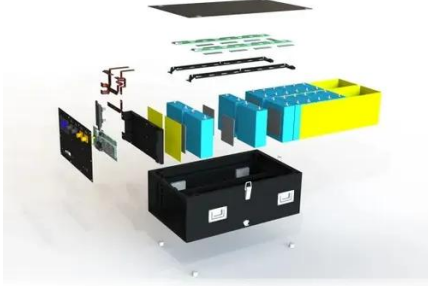
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## CEB advances Sri Lanka's first 'Water Battery' project

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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 ...**

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) ...

## Sri Lanka's first "Water Battery": CEB advances ...

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





114KWh ESS



## CEB advances Maha Oya Pumped Storage hydropower project

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## CEB advances Maha Oya Pumped Storage

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