

# **Sri Lanka Wind Solar and Energy Storage Project**





## Overview

---

Is wind solar potential high in Sri Lanka?

This thesis aims to provide insights into the development of wind-solar hybrid-power generation systems where wind solar potential is high in Sri Lanka. The potential of solar energy and wind energy will be investigated at different locations in Sri Lanka by gathering data from various sources.

Is Sri Lanka economically feasible for wind and solar power generation?

Sri Lanka has identified economically feasible potential for wind and solar energy generation. The southern and western coastal belts are particularly suitable for utility scale wind and solar power generation.

Can Sri Lanka develop a wind power project?

By applying the site screening process, collecting information from CEB and other personnel and visiting the Central High Plains and other areas of Sri Lanka, an initial assessment of the entire country for the relative feasibility of wind power project development was conducted.

Where is Sri Lanka's only utility-scale wind power project located?

Sri Lanka's only utility-scale wind power project, a 3-MW pilot project, is located near Hambantota although several kilometers inland from the southeast coast. The site chosen is different from the sites analyzed in CEB feasibility study in order to distance the project from national park and reserve land.



## Sri Lanka Wind Solar and Energy Storage Project

---

SgurrEnergy to build Sri Lanka's first solar ...

May 3, 2025 · SgurrEnergy to build Sri Lanka's first 100MW solar project with 12MWh BESS, boosting clean energy and grid resilience by 2030.

---

Sri Lanka Launches 100 MW Solar Power Plant in ...

Sep 18, 2025 · Sri Lanka inaugurates a new 100 MW solar plant with battery storage, a key project among solar power plants in Sri Lanka aiming for 70% renewable energy by 2030.

---

CEB advances Maha Oya Pumped Storage ...

Feb 22, 2025 · As the global energy landscape shifts toward sustainability, Sri Lanka is taking a significant step forward with its pioneering Maha Oya ...

---

Energy Storage: Powering the Next Leap in Sri Lanka's

Jun 26, 2025 · As Sri Lanka moves steadily toward a cleaner and sustainable energy future, energy storage is an emerging component of this transformation. The rising electricity demand ...

---

Sri Lanka seeks bidders for 640MWh renewables-shifting BESS

Aug 13, 2025 · The state-owned firm issued the request for proposals (RFP) on 30 July, seeking companies to build, own and operate large scale battery energy storage system (BESS) ...

---

Energy Parks , Sri Lanka Sustainable Energy Authority

4 days ago · Energy Park is a concept initially proposed as an alternative strategy to accelerate wind and solar power development in Sri Lanka. Energy Parks function in the form of a public ...

---

SgurrEnergy to develop Sri Lanka's first solar with battery storage project

May 5, 2025 · SgurrEnergy has secured the contract to develop Sri Lanka's first 100 MW solar photovoltaic project with a 12 MWh battery energy storage system (BESS). It will be ...

---

SgurrEnergy to build Sri Lanka's first solar project with battery storage

May 3, 2025 · SgurrEnergy to build Sri Lanka's first 100MW solar project with 12MWh BESS, boosting clean energy and grid resilience by 2030.

---

SgurrEnergy Secures Landmark Contract for Sri Lanka's First ...

May 9, 2025 · Colombo, Sri Lanka - Marking a pivotal moment in South Asia's renewable energy journey, SgurrEnergy has secured a ground-breaking contract for Sri Lanka's first 100MW ...

---

Sri Lanka Launches 100 MW Solar Power ...

Sep 18, 2025 · Sri Lanka inaugurates a new 100 MW solar plant with battery storage, a key project among solar power plants in Sri Lanka aiming for ...

---



(PDF) Energy Storage Solutions for Sri Lanka

Feb 23, 2025 · This report delves into the transformative phase of Sri Lanka's energy sector, highlighting the growing adoption of renewable energy sources like solar and wind power. ...

---

Energy Parks , Sri Lanka Sustainable Energy ...

4 days ago · Energy Park is a concept initially proposed as an alternative strategy to accelerate wind and solar power development in Sri Lanka. ...

---

Sri Lanka's First "Water Battery": A New Era of Clean Energy ...

Mar 27, 2025 · 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 ...

---

CEB advances Maha Oya Pumped Storage hydropower project

Feb 22, 2025 · As the global energy landscape shifts toward sustainability, Sri Lanka is taking a significant step forward with its pioneering Maha Oya Pumped Storage Hydropower Project. ...

---

## Contact Us

---

For technical specifications, project proposals, or partnership inquiries, please visit:

<https://www.flightmasters.eu>

**Scan QR Code for More Information**





<https://www.flightmasters.eu>