



MODERNIZATION SOLAR

# Sri Lanka Wind Power Energy Storage Project





## Overview

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Can Sri Lanka build a wind power plant?

Factors such as wind speed, wind direction, topography, and proximity to the power grid need to be assessed to determine the site's suitability for wind power generation. At present, higher wind potential areas in Sri Lanka are analyzed to construct effective wind power plants.

What are the benefits of an energy park in Sri Lanka?

The main benefits of an energy park are as follows: Wind power development in Sri Lanka date back to mid-1990's where the first grid connected project was implemented by the Ceylon Electricity Board (CEB), in Hambantota. This project continues to operate till mid-2018, with a capacity of 3 MW.

What is the contribution of Micro Power Producers in Sri Lanka?

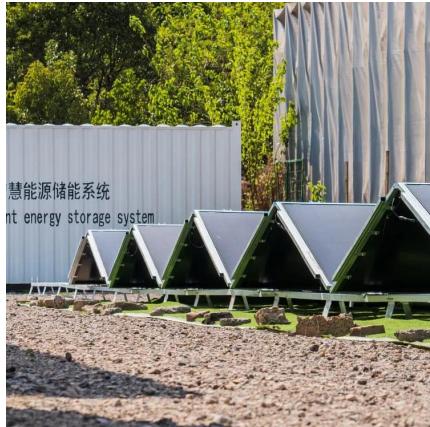
The contribution of micro power producers, specifically solar rooftop systems, reached 3%, while approximately 495.6 GWh of electrical energy was generated through the net-metering, net plus, and net accounting schemes in 2020 . Electricity generation from renewable technologies is being developed in Sri Lanka.

Who is the single buyer of electricity in Sri Lanka?

The CEB is the single buyer of electricity as permitted in the legislation. Sri Lanka, being a relatively small country with heavy pressure on land use cannot afford to have several wind power projects scattered all over the country, although the resource potential may encourage such widespread dispersion of projects.



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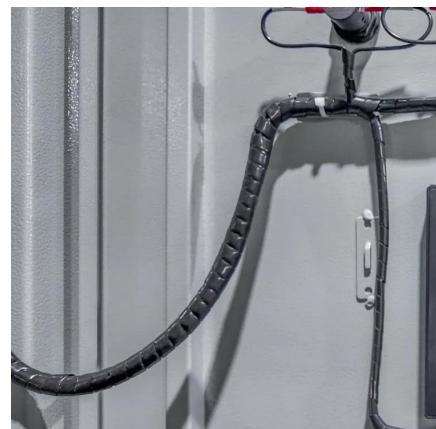
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