

## Energy storage policy sri lanka

The proposed 4 energy storage solutions for Sri Lanka include: Pumped Hydro Storage: An efficient and established method for large-scale energy storage. Battery Technologies: Focusing on Lithium-ion Batteries and Flow Batteries, which offer high energy densities and flexible applications.

The National Energy Policy & Strategies of Sri Lanka was published in the Gazette Extraordinary No. 2135/61 of 09.08.2019 with an objective to ensure energy security through supplies that are cleaner, secure, sustainable, reliable and economical, to

Sri Lanka are controlled also by the Petroleum Resources (Special Provisions) Act no 26 of 2003. In addition to this, the Public Utilities Commission functions as a shadow regulator in the lubricant oil sector. The people of Sri Lanka had to face severe hardship due to the Covid 19 epidemic situation encountered by our country during

Sri Lanka is endowed with several types of renewable energy resources, including biomass, hydropower, solar and wind. Sri Lanka aspires to become a carbon neutral country by 2050 by making the most out of the energy available and developing cleaner energy resources according to the National Energy Policy and Strategies of Sri Lanka.

Parallel to the global energy transition, we are driving the sustainable energy revolution taking place across Sri Lanka underscored by the steady expansion of the Sri Lankan energy sector.

The sustainable energy industry is expected to facilitate a number of economic activities and continue to grow rapidly in the coming years. There is tremendous economic opportunities and for the countries that innovate and develop these clean energy technologies and great economic advantages which utilise these clean energy.

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In preparation for this future, we promote the widespread adoption of energy efficiency improvement and conservation and increased use of all forms of renewable energy in the pursuit of sustainable development, energy access, energy security and low-carbon economic growth, creation of local value and prosperity.

As the governing body responsible for pioneering the sustainable energy revolution in Sri Lanka, we aim to facilitate the development of our nation's rich energy resources, including solar, wind, water and bioenergy.



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Depletion of resources and constant increase of energy demand has a major impact on climate change and ecological disasters of our planet. Growing world population as well as better living conditions creates a growing energy demand.

It is a pioneering effort of Sri Lanka Sustainable Energy Authority (SLSEA), each with a capacity of 1 MW in Kiriibban Wewa in the Monaragala district and Chandrika Wewa in the Rathnapura district.

It will serve the electricity demand of the people in these areas, reduce water evaporation of the water bodies and create a good breeding ground for inland fish as well.

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