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Sri Lanka power station generates electricity

Overview

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Sri Lanka 's electricity demand is currently met by nine thermal power stations, fifteen large hydroelectric power stations, and fifteen wind farms, with a smaller share from small hydro facilities and other renewables such as solar. Most hydroelectric and thermal/ fossil fuel –based power stations.

Awareness Is Power! Let's Save Electricity! .

Sri Lanka relies on a mix of hydropower, coal, and renewable energy to meet its electricity demands. In 2025, the country continues to shift toward sustainable energy while managing the challenges of energy security and affordability. Hydropower – A traditional backbone of Sri Lanka’s electricity.

Total electricity generation registered a decline of 4.6 per cent in 2022, as a result of the disruptions to the coal and fuel imports needed for thermal power generation during the year. Accordingly, total power generation declined to 15,942 GWh in 2022, compared to 16,716 GWh in2021. The country.

Electricity can be generated in two main ways: by harnessing the heat from burning fuels or nuclear reactions in the form of steam (thermal power) or by capturing the energy of natural forces such as the sun, wind or moving water. Electricity production tends to closely match demand, which in turn.

Moragolla is the final hydropower project which is constructed on the Mahaweli river basin. This project site is located in the Ulapane area of the Kandy district. The expected annual energy generation of the project is 100

GWh. Dam construction, tunnel excavation, power house construction and.

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