

BESS: unlocking the potential of renewable electricity Electricity is increasingly being generated from renewable sources - solar, wind, geothermal, bioenergy and hydropower - but their output is intermittent. By utilizing advanced tech solutions, such ...

DIMO launched Sri Lanka's first ever grid tied renewable energy micro grid pilot project with 375kW solar PV capacity and an energy storage of 400kWh at the University of Moratuwa to provide an uninterrupted electricity supply in 2022. The project was funded by the Asian Development Bank (ADB).

Victorian company United Solar Group, which is developing a floating 700 MW solar and 1.5 GWh battery project at the Poonakary Lake in Kilinochchi, Sri Lanka, has had a Power Purchase Agreement approved by the Sri Lankan cabinet.

The project will support Sri Lanka's pursuit of a 70% renewable energy by 2030 policy target for electricity generation. The country currently sources power from a relatively high share of renewables due to hydroelectric generation facilities and some contributions from distributed solar PV and wind.

The government of Sri Lanka has approved a power purchase agreement (PPA) with United Solar Group of Australia that will allow the Aussie company to install a 700-MW floating solar park with battery storage.

The project establishes Sri Lanka's largest non-government-funded battery energy storage system (BESS), powered by solar photovoltaic (PV) technology. The battery commissioning event took place on 24 July at the Watch Tower Sri Lanka headquarters.

Hayleys Solar, the renewable energy arm of Hayleys Fentons, is one of the most trusted service providers for solar power in Sri Lanka, specialising in renewable energy and energy storage solutions for domestic, commercial and industrial requirements.

