

Kongres Container

Solomon Islands Intelligent Communication BESS Power Station



Overview

What is the Solomon Bess?

Designed to store energy from Fortescue's planned 150MW of solar generation, the Solomon BESS will enable greater use of renewable power in mining operations and contribute to significant reductions in annual carbon emissions across Fortescue's Pilbara network.

What's new at Solomon power station?

The project was completed by MAN diesel for over SBD120m. The new station has been commissioned and is currently in operation. Furthermore to improve the reliability Solomon Power invested in a new 11 kV switchboard, two 1.6 MW diesel generators and two new power transformers at Honiara Power Station.

How much storage capacity will be installed at the Honiara Power Station?

Subproject 1b will install an approximate 4 MW / 4 MWh of storage capacity at the Honiara Power Station, adjacent to an existing 11kV switchboard where electrical integration will occur. Another 5 MW / 20 MWh BESS will be installed with grid-forming battery inverters at the Honiara East substation.

What is Solomon power's capital expansion programme?

With a capital expansion programme of over SBD1 billion, Solomon Power strives to develop and implement its planned capital and infrastructure projects over the next five years that will support its mission to provide a safe, reliable and affordable supply of electricity to the Solomon Islands.

Is Solomon power constructing a new outstation in malu'u?

This is the first time in 31 years that Solomon Power is constructing a new outstation the last one being in Malu'u. The scope includes solar panels, battery storage system, back up diesel generator and 415 V distribution network to connect about 200 customers at each of these sites in Western

Province and Choiseul Province.

How many kilowatts of solar will be installed at Solomon power office?

Roof top solar - 220kilowatts at Solomon Power office. This will be commissioned toward end of November end this year. Planned Projects: Plans to acquire land with SDA mission on their land close to SP Lungga Station.

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