

## A-Core Container

# Solomon Islands BESS power generation container



## Overview

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### 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.

### How can a Bess project reduce re generation?

Mandatory BESS installation for utilities or public/government buildings is an effective practice to reduce curtailed RE generation. Private or public funds are incentivized to invest in BESS. Tax reductions and exemptions for BESS projects (or BESS profits) incentivize private investors to participate in BESS projects .

### How much does Bess cost?

Table 38 outlines the price of 1kWh of BESS, assuming a linear reduction in price. Multiplying the targeted amount in 2022, 2025, and 2030 by the projected BESS cost in 2022, 2025, and 2030, respectively, the budget required for the installation of a total of 80.88MWh of BESS by 2030 across the four states is US\$ 31.78 million.

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### Contact Us

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