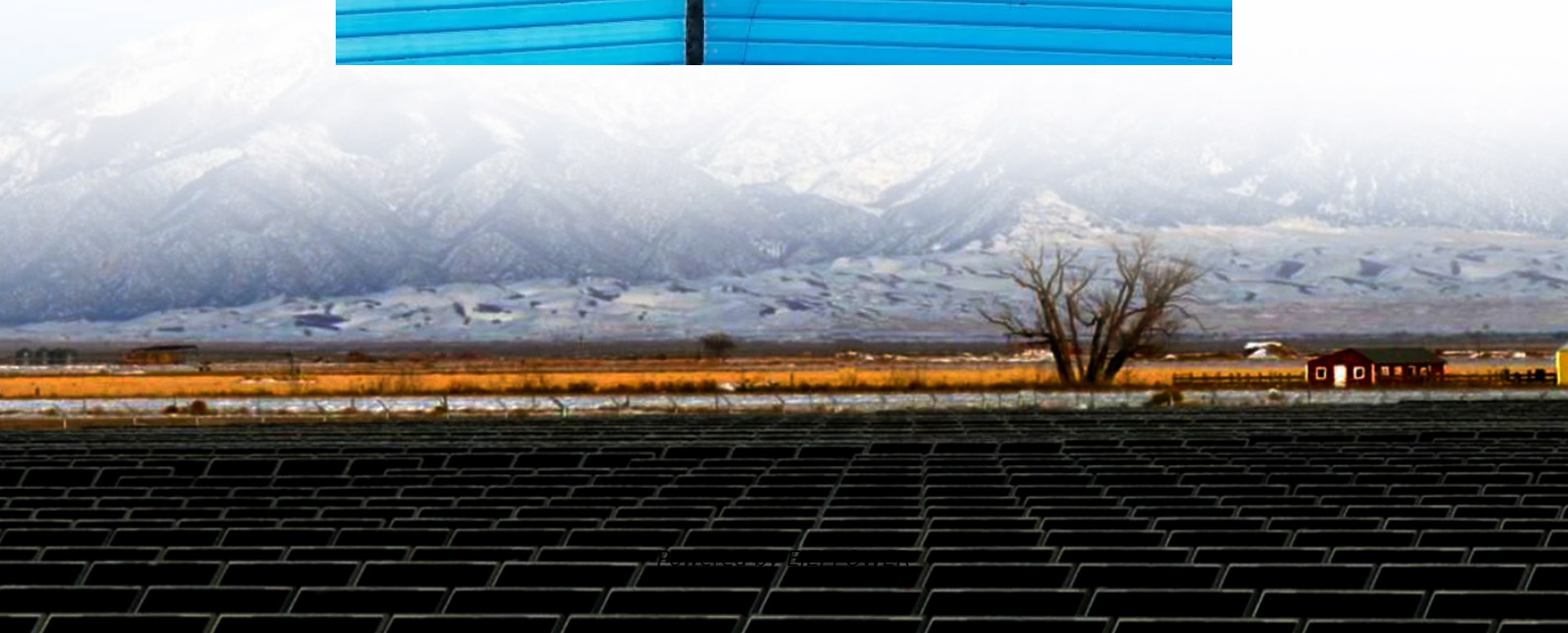


Battery demand for energy storage in Brunei





Overview

By 2027, the Battery Energy Storage market in Brunei Darussalam is anticipated to reach a growth rate of 1.08%, as part of an increasingly competitive Asia region, where China remains at the forefront, supported by India, Japan, Australia and South Korea, driving innovations and market adoption across sectors. How much energy is consumed in Brunei Darussalam?

Final Energy Consumption (historical trend: 2019, 2030, 2040, 2050) Under the LCET-CN scenario, the total final energy consumption (TFEC) for Brunei Darussalam is expected to reach 3 million tonnes of oil equivalent (Mtoe) in 2050, increasing at an average rate of 1.7% per year over 2019–2050 (Figure 2.1).

Does Brunei Darussalam have a low-carbon energy transition?

In the Energy Outlook and Energy-Saving Potential in East Asia 2023, Brunei Darussalam includes carbon capture and storage (CCS) technologies under its low-carbon energy transition-carbon neutral (LCET-CN) scenario in addition to an increased share of solar in the power mix by 2050.

Why is Brunei focusing on developing downstream energy industries?

The country is focusing on developing downstream energy industries by maximising economic spin-of potential from upstream production and assets. Brunei Darussalam aims to reduce its energy intensity by 45% in 2035 from the baseline year of 2005, in line with its regional commitment to the Asia-Pacific Economic Cooperation.

What is the target of electric vehicle deployment in Brunei Darussalam?

The target of electric vehicle deployment is subject to future development of electric vehicle technologies and infrastructure. Brunei Darussalam rolled out a pilot project for electrical vehicles in 2021 by providing public charging infrastructure. • CCS. Capturing and storing up to 90% of CO from burning fossil fuel for electricity generation and



Battery demand for energy storage in Brunei

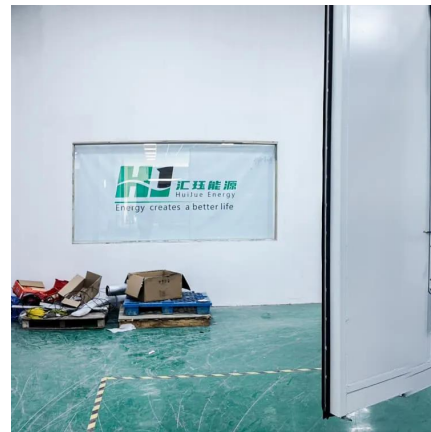


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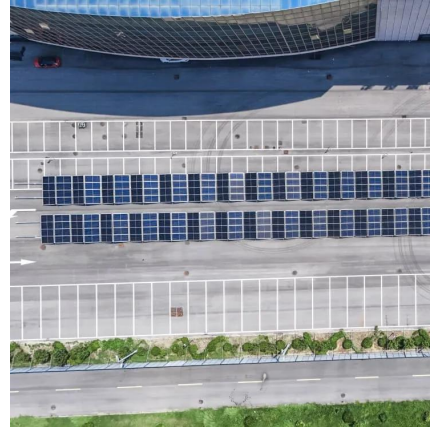


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