

Palikir Large Telecommunication BESS Power Station





Overview

What is a Bess power plant?

Located at the Sejingkat Power Plant in Kuching and energised in December 2024, the 60MW/82MWh BESS provides essential grid services, including primary spinning reserve (emergency reserve), voltage and frequency regulation and peak demand management, supporting the overall optimisation of power generation and grid systems.

Why should Sarawak Energy Commission a Bess at Sejingkat?

The commissioning of the BESS at Sejingkat is one of the key steps in ensuring supply reliability. To meet the rising demand of energy supply, Sarawak Energy will continue to pioneer advancements in energy storage, drive innovation and enhance sustainability and resilience of the power infrastructure.

Where is Sarawak Energy's Bess power plant located?

The BESS is located at the 150MW Sejingkat Power Plant, Borneo's first and Malaysia's second coal-fired power plant, which was commissioned in 1998 and is being gradually phased out. This transition reflects Sarawak Energy's commitment to environmental responsibility and reducing carbon emissions.

What services does the Bess provide?

The BESS provides grid services, including primary spinning reserve, voltage and frequency regulation, and peak demand management. It supports the overall optimization of power generation and grid systems. Sarawak also plans to assess the BESS's ability to integrate intermittent renewable energy sources, such as solar.



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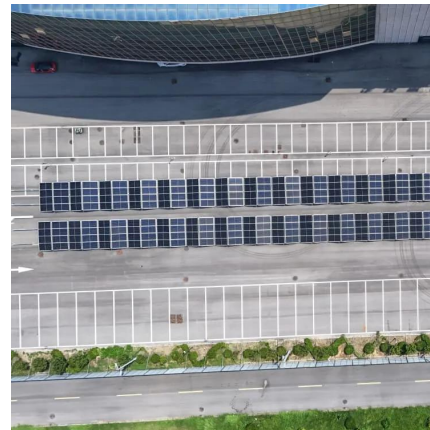


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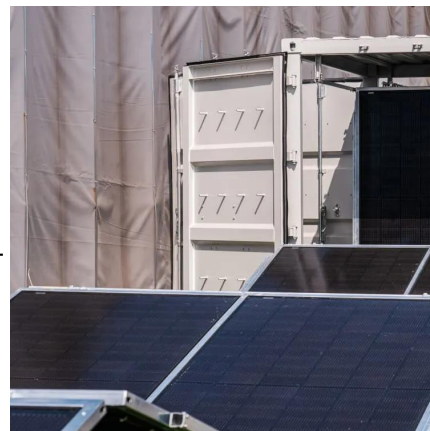
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