

Indonesia s large emergency energy storage power plant





Overview

The NSSE Power Plant, built on approximately 87 hectares of land, is the first utility-scale integrated solar and energy storage project in Nusantara, Indonesia. Will Indonesia build a 100 GW solar power plant?

Jakarta, August 7, 2025 - Indonesia will build a 100 Gigawatt (GW) Solar Power Plant (PLTS). The program plans to build 80 GW of solar power plants and 320 GWh of Battery Energy Storage System (BESS) to be managed by the Merah Putih Village Cooperative (KDMP) in 80,000 villages, and 20 GW of Centralized solar power plants.

Can solar power plants be used in Indonesia?

Indonesia possesses solar energy potential with a capacity ranging from 3,300 GW to 20,000 GW, spanning from Sabang to Merauke. With increasingly affordable, modular, and easy-to-build and operate solar power plant (PLTS) technology, this project could serve as a strategic solution to provide reliable and affordable energy access across Indonesia.

Will Indonesia build 100GW of solar PV & 320gwh of Bess?

The government of Indonesia has launched a programme that aims to build 100GW of solar PV and 320GWh of BESS in the coming years, mostly distributed across smaller projects in rural areas. The programme will consist of 80GW of solar PV plants and 320GWh of battery energy storage systems (BESS) across 80,000 villages.

Will Indonesia build a battery energy storage system by 2022?

The agreement was made with other state-owned bodies, such as the Indonesian Battery Corporation, to build the Battery Energy Storage System by 2022. However, no information has yet been revealed about the Battery Energy Storage System's location or specific functions.



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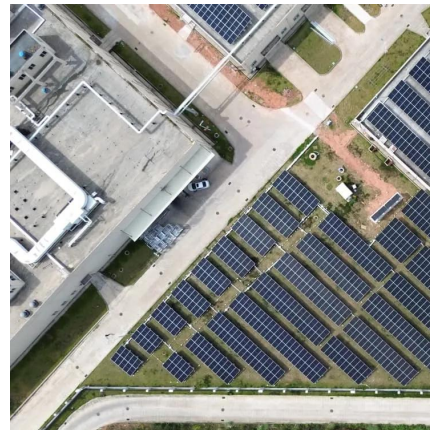
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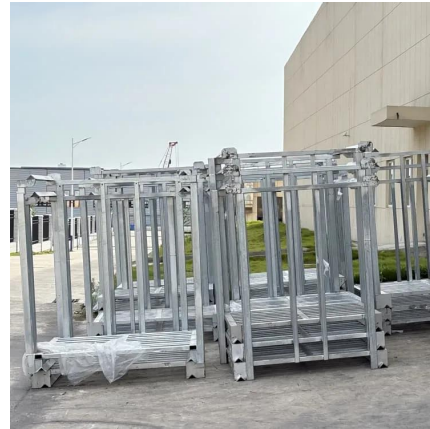
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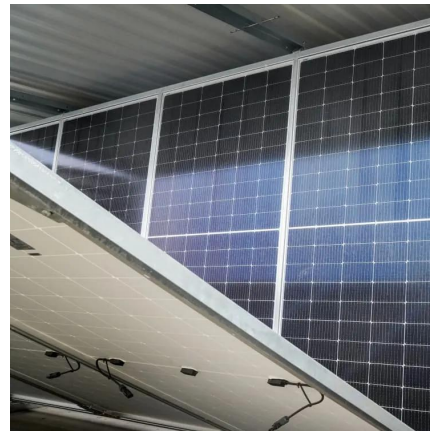


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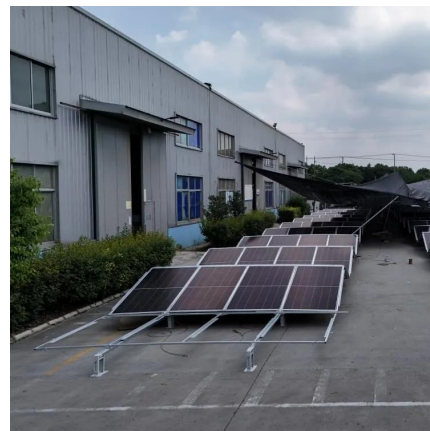


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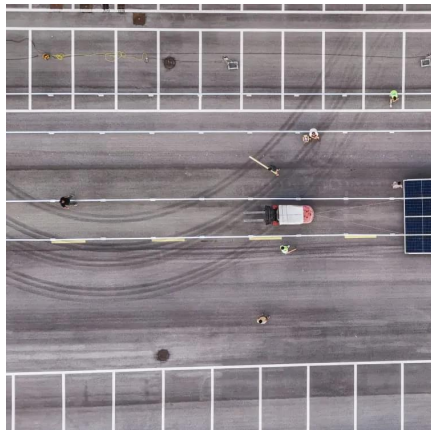
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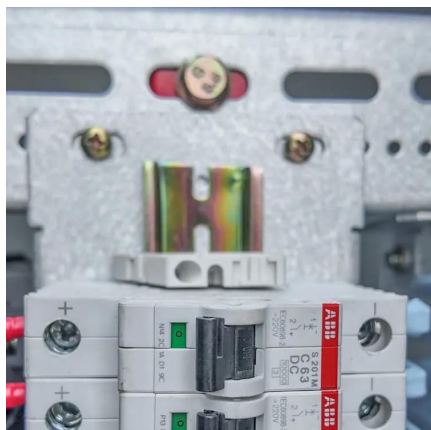


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Indonesia targets 100 GW solar capacity, with focus on rural

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