

Operation time of Indonesian energy storage power station





Overview

How should energy storage systems be planned in Indonesia?

Planning for energy storage systems should be well integrated with power transmission, distribution, and generation planning in Indonesia, aligning with the increasing installation of VRE. Besides setting capacity targets, planning documents should outline the full range of potential ESS roles.

Can Indonesia develop pumped storage hydropower?

One of the problems in renewable energy sources (RES) for power generation is intermittent, hence the energy storage systems are needed to secure the electricity supply as well as grid stability and reliability. Indonesia has potential to develop pumped storage hydropower because of Indonesian location in the mountain and hill.

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.

How does Indonesia's electricity system work?

Indonesia's electricity system can be powered predominantly by solar PV, complemented by geothermal and hydroelectric power. Off-river pumped hydro energy storage is identified as a major asset for balancing high solar energy penetration.



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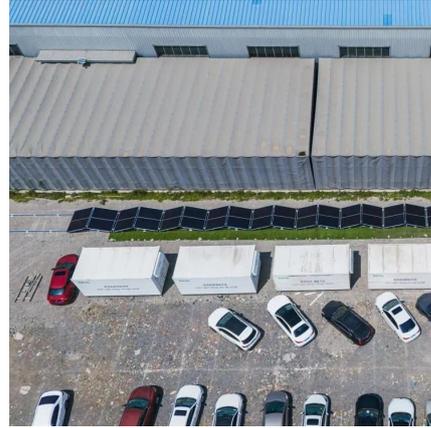


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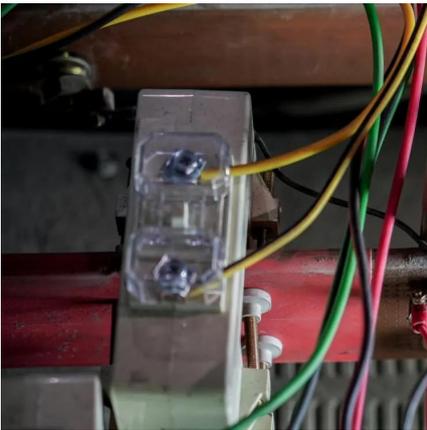
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