

Jakarta solar Energy Storage Project





Overview

Will RGE and totalenergies develop a solar power plant in Indonesia?

JAKARTA, May 29, 2025 – RGE and TotalEnergies have signed a co-investment agreement to jointly develop a solar power plant with battery energy storage in Indonesia through their joint venture Singa Renewables, the companies said on Wednesday. The project will be located in Riau Province and built in phases.

Is energy storage developing in Indonesia?

IESR has issued a report for the first time assessing the development of energy storage in Indonesia in *Powering the Future: An Assessment of Energy Storage Solutions and The Applications for Indonesia*.

Will Indonesia deploy 100 GW of solar?

The Indonesian government has revealed a new initiative aiming to deploy 100 GW of solar. The distributed solar for energy self-sufficiency program encompasses 80 GW of solar that will be deployed as 1 MW solar arrays with 4 MWh of accompanying battery energy storage systems (BESS).

Can solar energy be a strategy to meet Indonesia's energy goals?

Solar energy can be a strategy to meet this target,” said Deon Arinaldo, Program Manager of Energy System Transformation, at the launch of the Indonesia Solar Energy Outlook 2025 study report – *Breaking the Walls: The Future of Indonesia’s Solar Energy and Energy Storage Innovations* (15/10/2024).



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[Sembcorp launches Indonesia solar-plus](#)

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PT Sembcorp Renewables Indonesia, part of Sembcorp, and PT PLN Nusantara Renewables have launched a solar-plus-storage project in Indonesia.

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[PRESS RELEASE RGE and TotalEnergies Ink Co ...](#)

Solar Power and Battery Energy Storage Project in Indonesia Imelda Tanoto, Managing Director at RGE (right) and Helle Kristoffersen, President Asia and Member of the ...

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[Indonesia-Singapore: TotalEnergies and RGE Reach New ...](#)

The partners had previously signed a Co-Investment Agreement to develop, build and operate a hybrid renewable power plant comprising a solar farm, Battery Energy Storage ...

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Sembcorp launches Indonesia solar-plus-BESS project with ...

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[Sembcorp and PLN Nusantara Power Launches First Utility ...](#)

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. Comprising a ...

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[Mapping Growth Opportunities for Solar ...](#)

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Accelerating the energy transition is important to bring Indonesia into this circle. Zainal Arifin, EVP of Renewable Energy, PT PLN, said that the combination of VREs and energy storage systems such as ...

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[New Jakarta Data Centre to Use Solar and Batteries](#)

The system includes a small solar farm of 400 kilowatts and is operated by a local energy cooperative. These projects reflect a growing trend of combining battery storage with ...

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[Indonesia Unveils 100 GW Solar Initiative](#)

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Indonesia has announced an ambitious plan to deploy 100 GW of solar power nationwide, combining large-scale generation with an unprecedented rural electrification push. According to pv magazine, the ...

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[Indonesia unveils plan for 100 GW of solar](#)

The new initiative features plans for 80 GW of 1 MW solar minigrids with accompanying battery energy storage, to be deployed across 80,000 villages, alongside 20 ...

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[Indonesia unveils plan for 100 GW of solar](#)

The new initiative features plans for 80 GW of 1 MW solar minigrids with accompanying battery energy storage, to be deployed across 80,000 villages, alongside 20 GW of centralized solar power plants.

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RGE, TotalEnergies to build solar-battery plant in Indonesia

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