

Does Indonesia have a quota for rooftop solar?

Indonesia's Ministry of Energy and Mineral Resources (EMR) has set a quota for the development of rooftop solar by state-owned electric utility Perusahaan Listrik Negara (PLN) through 2028. The distribution of rooftop solar quotas in Indonesia is based on the electric power system. Between 2024 and 2028, a quota of 5,746 MW has been set.

Why do Indonesian solar quotas matter?

According to Mada Ayu Habsari, chairperson of general affairs at the Indonesian Solar Energy Association, the size of the rooftop solar PV quotas offers "a positive sentiment" to the solar industry in Indonesia as it provides certainty to domestic developers, making it easier to formulate their business plans.

How many solar PV quotas are there in Indonesia?

According to Indonesian think tank Institute for Essential Services Reform (IESR), the total rooftop solar PV quotas in 11 power systems between 2024 and 2028 consist of 5,746 MW of new capacity. This includes annual quotas of 901 MW for 2024, 1,004 MW for 2025, 1,065 MW for 2026, 1,183 MW for 2027, and 1,593 MW for 2028.

How much does a solar system cost in Indonesia?

The average pricing of a solar system in Indonesia is IDR 15 - 21 million per kWp installed and even less if for larger installations. For the batteries, you can expect to pay an additional IDR 10 - 12 million per kWh for LifePO4 lithium batteries, which give you the biggest bang for your buck.

Can solar power improve Indonesia's energy security?

Indonesia Solar Energy Outlook 2025 highlights the crucial role of solar power in improving Indonesia's energy security. The report analyzes how solar PV can help reduce dependence on fossil energy, improve the reliability of electricity supply, and address the challenges of climate change.

Will Indonesia add 2GW of new rooftop solar capacity by 2025?

Indonesia plans to add almost 2GW of new rooftop solar capacity by the end of 2025. Image: Sun Energy. Indonesia has issued rooftop solar PV system development quotas for state electricity company PLN between 2024 and 2028, which aim to add 5.75GW of capacity.

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Quotation of solar system Indonesia

Instead, capacity will be based on PLN's approved five-year solar power development quota, in line with the national energy policy. Under the updated regulatory framework, PLN will not pay for any monthly electricity ...

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The capacity of solar energy in Indonesia is steadily climbing. With total capacity reaching over 322.6 MW as of the first half of 2023, this is an increase of over 800% in the last 10 years. This progress is part of Indonesia's ...

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Based on the Indonesia Solar Energy Potential Map from Ministry of Energy and Mineral Resources, the solar radiation in Indonesia is ranging from 2.81 to 5.27 kWh/m²/day ...

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