

# Indonesia s solar panel power generation capacity



## Overview

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Recently, in August 2025, the Indonesian government unveiled an ambitious program to develop 100 GW of solar power plant capacity between 2025 and 2030. The plan is divided into two main schemes: 80 GW of village-based solar mini-grids and 20 GW of centralized solar power plants.

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### [Indonesia s solar panel power generation capacity](#)

With a potential capacity of 32.5 GW, Indonesia's rooftop solar PV, as of June 2023, produces up to 95 MW, with the household sector accounting for 72% of the share.

### Solar PV in Indonesia

Solar PV accounted for 0.6% of Indonesia's total installed power generation capacity and 0.16% of total power generation in 2023.



### [Indonesia Solar Energy 2024 Growth & Projects](#)

The Ministry of Energy and Mineral Resources, alongside state utility PLN, has established ambitious rooftop solar quotas aiming to add 5.75 GW of capacity between 2024 and

### [Solar Energy In Indonesia: Potential and Outlook](#)

Ultimately, Indonesia will need to develop 0.7 GW of solar capacity annually until 2030 to meet its own renewable energy goals - and much more when considering Singapore's requirements.



### [Indonesia's 100 GW Solar Power Plant Ambition](#)



### [Indonesia's Renewable Energy Capacity to Quadruple by 2035 Amid](#)

Indonesia's solar PV capacity is expected to surge from 0.9GW in 2024 to 23.2GW in 2035, fueled by floating and utility-scale solar projects and rooftop solar programs. The growth is

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### [100 GW Solar Power Plant for Indonesia's Energy Self-Sufficiency and](#)

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

### [Indonesia's 108.7 GW Solar Goal Needs Industry Plan: IESR](#)

Indonesia targets to achieve up to 108.7 GW of solar capacity under its 2025-2060 National Energy Policy (RUKN). This policy aims for new and renewable energy with storage to



### [Indonesia's installed solar capacity surpasses 700 MW](#)

Indonesia 's total installed solar capacity reached 717.71 MW in August, according to figures released by the Institute for Essential Services Reform (IESR). The Jakarta-based think tank

## [Solar Power Plants in Indonesia: Locations, Impacts, and Progress](#)

The Cirata Floating Solar Power Plant, located in West Java, is one of the largest solar projects in Indonesia and Southeast Asia. With an installed capacity of 145 MW, it began operations



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