

How much solar energy investment in Indonesia has doubled in 2021?

Alvin Putra Sisdwingraha, Lead Author of ISEO 2025 and IESR's Electricity and Renewable Energy Analyst, revealed that solar energy investment in Indonesia has doubled, from USD 68 million in 2021 to USD 134 million in 2023.

What is Indonesia doing with its energy storage capacity?

Indonesia is currently building on its storage capacity through the planned/ongoing installation of 5 MW battery energy storage systems (BESS), linked to PLN's renewable sites. Indonesia is also building its first utility-scale integrated solar and energy storage project in Nusantara.

Why is Indonesia focusing on energy transition and infrastructure development?

Despite global economic challenges, including rising interest rates, Indonesia's focus on energy transition and infrastructure development has opened up new opportunities- particularly in renewable energy, social impact projects, and digitalisation in financing mechanisms. Rise of green and sustainable financing

How to accelerate energy storage deployment in the Indonesian power system?

To accelerate energy storage deployment in the Indonesian power system, key actions are needed to address existing opportunities and challenges, including: Tapping into the limited but existing opportunities for deploying energy storage systems (ESS) is vital for expanding their role in Indonesia's power sector.

Will Indonesia achieve net zero by 2025?

In 2023, more than 30% of the world's energy came from renewable sources, the first time that threshold has been broken. As part of its contribution toward achieving net zero, Indonesia has set a target to increase its share of renewables to 23% of the national energy mix by 2025.

What is the project financing landscape in Indonesia?

The project financing landscape in Indonesia continues to evolve, with a stronger emphasis on sustainability, regulatory improvements, and innovative financial structures. The market has seen a shift towards green energy projects, more defined local content requirements, and increased involvement from multilateral agencies.

In February 2025, Indonesia's Minister of Energy and Mineral Resources (MEMR), Bahlil Lahadalia, stated that he would withhold the green electricity export permit to ...

Indonesia's economy is highly dependent on the fossil fuel industry as evidenced in measures of non-taxable revenue, energy subsidy, energy mix and regulatory flexibility. To cut carbon emissions by 41% in 2030, ...

Domestic energy storage project financing options in Indonesia 2025

A 2025 Update on Utility-Scale Energy Storage Procurements Addressing Tariffs and Trade in Energy Storage Projects The State of Play for Energy Storage Tax Credits Energy Storage Investments The Project ...

With 2024 being an election year, the last 12 months have been a period of transition for the Indonesian government. Nonetheless, the Indonesian government and relevant stakeholders have sought to continue to accelerate ...

Current policies in Indonesia are projected to deliver a 2% reduction in energy use by 2025, but Indonesia has an even greater potential of 10% to 35% savings in energy efficiency across ...

This renewable energy share target is enforced through the National Electricity Plan (RUKN 2019-2038) and must be implemented by PT PLN (State Electricity Company) and private business ...

By identifying and acting on the opportunities on the road to net zero, Indonesia could--with ten strategic initiatives--help ensure a secure, green, and sustainable future for itself and the world.

As such, we're providing this "Cheat Sheet for Energy Storage Finance" based on our work as buy-side and sell-side investment bankers experienced in both energy storage venture capital and project finance. I'm also including some ...

Increasing the share of renewable energy in the total energy mix would be good not only for Indonesia's greenhouse gas emission reduction targets but also for gross domestic product, ...

Currently, green finance facilities are being used as alternative sources of funding for low-carbon investment, including investment in renewable energy development and construction.

The US Treasury updated a table last week that is used to calculate the domestic content of solar, onshore wind and storage projects to determine whether they qualify ...

The global energy storage market is poised to hit new heights yet again in 2025. Despite policy changes and uncertainty in the world's two largest markets, the US and China, the sector continues to grow as developers ...

This study examines Indonesia's evolving energy landscape, highlighting key challenges and opportunities for the implementation of renewable energy. The findings emphasize that a comprehensive and integrated roadmap ...

As part of the Biden-Harris Administration's Investing in America agenda, the U.S. Department of Energy (DOE) Loan Programs Office (LPO) today announced the closing of a \$289.7 million loan guarantee to Sunwealth ...

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The new initiative features plans for 1 MW solar minigrids tied with 4 MWh of accompanying battery energy storage, to be deployed across 80,000 villages, alongside 20 ...

In brief, the 2025-2034 RUPTL calls for a considerable amount of investment in new power generation (69.5GW) and transmission assets with a focus on new and renewable energy (42.6GW), energy storage (10.3GW) and ...

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