

Will Indonesia's energy transition be a good idea?

Evidence suggests that Indonesia's energy transition should be well under way. The government has set a target to support renewable energy development in the New Energy and Renewable Energy Bill through increasing on-grid renewable capacity, converting diesel power generation to solar and expanding rooftop solar.

Can Indonesia achieve net zero emissions by 2060?

Decarbonising its power system has been identified as a key enabler to achieve its pledge for net zero emissions by 2060, as coal power dominates its electricity mix. To support Indonesia's power sector decarbonisation efforts, the Just Energy Transition Partnership was established during a G20 summit in Bali, in November 2022.

What are Indonesia's key areas of improvement?

Key areas of improvement include implementing more solar and wind power, conducting a more rigorous evaluation to ensure bioenergy's role is both practical and sustainable, and adopting a more ambitious coal retirement plan in line with Indonesia's 5.2 GW retirement target by 2030.

Does Indonesia have a power sector boom?

Coal use in the electricity sector in the past ten years has nearly doubled, contributing to a sharp rise in overall power sector emissions, totalling 86 million tonnes of CO₂ (MtCO₂) from 2013 to 2023, mainly from coal. Indonesia has not yet seen a boom in renewables, resulting in fossil fuels meeting its electricity demand growth.

Can Indonesia Drive Clean Power growth?

Indonesia stands a better chance of successfully driving its clean power growth, if these actors collaborate effectively. As a coal producing country, Indonesia may have some advantage in shielding its population from sporadic price shocks that threaten energy affordability.

Who is PT Thorcon power Indonesia?

PT ThorCon Power Indonesia was founded in 2021 as a totally owned foreign direct investment company (PMA) by ThorCon International Pte, Ltd, which has had a Representative Office in Jakarta, Indonesia since 2018 and was previously known as Martingale Inc from 2015 to 2018.

Indonesia has abundant natural resources and a huge potential for renewables, especially hydro, geothermal and solar PV. The national electricity plan states a target 23% share of renewables ...

However, in Indonesia, the objective is to help the country achieve its net zero emissions target for all sectors by 2060, where the power sector is expected to achieve this ...

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stabilization package, Indonesia could emerge with a more resilient power system that is better aligned with more cost-effective system-level power solutions. This could open the door to ...

A loan of USD500-million, cofinanced with the World Bank in July 2021, will help the government strengthen the health system to support the safe and effective deployment of vaccines. This is the third financing (total of ...

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The overarching objective of the assignment was to assist Indonesia in tackling short-term power system challenges, by achieving key targets such as reaching a 23% share of renewable energy in the national electricity mix by 2025 in a ...

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