

Indonesia Silent Container Power Plant



Overview

Built by industries to generate electricity for their own use, these captive power plants have multiplied swiftly, largely fueled by the surge in Indonesia's nickel industry, according to a report by the Center for Research on Energy and Clean Air (CREA) and Global Energy. Built by industries to generate electricity for their own use, these captive power plants have multiplied swiftly, largely fueled by the surge in Indonesia's nickel industry, according to a report by the Center for Research on Energy and Clean Air (CREA) and Global Energy. Indonesia is attempting to transition its energy system from coal while ensuring reliable and affordable electricity. The international community, for example the Just Energy Transition Partnership (JETP) and bilateral Memorandum of Understandings (MOU), have offered financial and technical support. Indonesia added 1.9 gigawatts of new coal capacity in 2024, the third-highest globally, mainly to power metal smelters supporting the electric vehicle industry — despite global efforts to phase out coal. CREA uses scientific data, research, and evidence to support the efforts of governments, companies. Indonesia's path toward decarbonizing its power sector is undermined by the unexpected expansion of off-grid coal power plants and blurry plans for curbing their emissions, Reuters reported, citing researchers on January 27. For grid power, Indonesia is experiencing overcapacity, and multiple coal-fired power plants (CFPPs) have finished construction in the last year but have remained unused.

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Advancing Low-Carbon Industry Transition: Decarbonizing Industrial

This report assesses options for reducing carbon emissions in Indonesia's captive power facilities considering plant-level options and grid upgrades, with a specific emphasis on who owns ...

Indonesia's 31 GW captive coal surpasses Australia's fleet

Indonesia's operational and planned captive coal power capacity has reached 31 gigawatts.



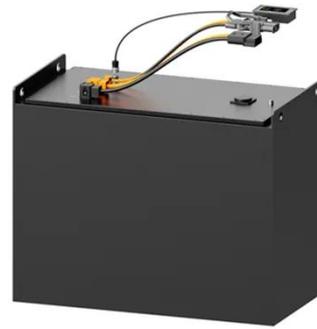
Emerging captive coal power in Indonesia: Dark

For grid power, Indonesia is experiencing overcapacity, and multiple coal-fired power plants (CFPPs) have finished construction in the last year but have remained unused.



Indonesia's captive power plants putting energy transition at risk

Reuters - JanuJakarta - Efforts to decarbonise Indonesia's power sector have been put at risk by a faster than expected increase in the number of off-grid coal power plants and a lack of ...



Indonesia's captive power plants putting energy transition at risk

Indonesia's captive power plants are built by industries to generate electricity for their own use, and they have increased in rapid numbers in recent years, driven in particular by the

Captive Coal Power Plants Holding Back Indonesia's Energy Transition

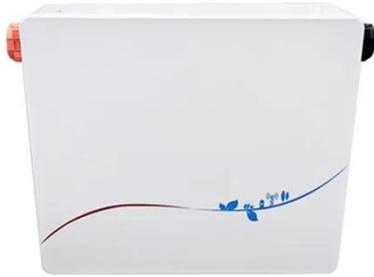
Despite Indonesia's goal to add 75 gigawatts of renewable energy by 2039, the country is paradoxically increasing its captive coal-fired power plants, largely due to the nickel industry. This trend ...



Captive coal power plants holding back Indonesia's

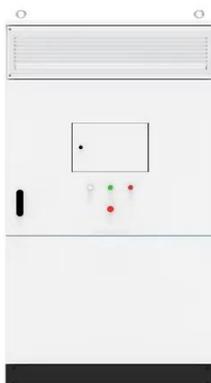
energy transition

By slowly reducing CFPP capacity by 3 GW per year, Indonesia has the opportunity to end its coal power era by 2040 and transition to renewable energy. The crucial point now lies in technical ...



Indonesia defies global coal retreat with captive plant boom

JAKARTA -- As much of the world shuts coal power plants and shelves new proposals, Indonesia is bucking the trend -- adding the third-highest volume of coal capacity globally ...



Indonesia's captive coal power plants pressure energy transition

Indonesia's captive coal power plants pressure energy transition Indonesia's path toward decarbonizing its power sector is undermined by the unexpected expansion of off-grid coal power plants and blurry ...

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The 1,375 MW hydropower plant, which is located in Malinau, North Kalimantan, is claimed to be the largest hydropower plant in Indonesia, expected to employ 5,000 workers, and involves USD 2.6 ...



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