



Malaysia plans to build 50 new energy storage power stations





Overview

Tenaga Nasional Bhd will invest RM43 billion to upgrade the country's national grid, reinforcing Malaysia's ambitions to become a regional hub for artificial intelligence (AI), battery energy storage systems, and data centre infrastructure.

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Malaysia plans to add 6 to 8 gigawatts of gas-fired power by 2030 to meet surging electricity demand, largely driven by a boom in data centers, a state utility official said last week. This expansion represents a significant 40% to 54% increase from the current 15 GW of gas-fired capacity, which is.

Sarawak Energy, commissioner of the 60 MW/82 MWh battery energy storage system (BESS), is one of the biggest utilities serving Sarawak, a Malaysian territory on Borneo island. Malaysian utilities company Sarawak Energy has commissioned what is described as the nation's first utility-scale battery.

KUALA LUMPUR (Reuters) -Malaysia is expected to add 6-8 gigawatts of gas-fired power by 2030 to address growing electricity consumption driven by demand from data centres, an industry official said. The country is expected to see the fastest surge in data centre power demand in southeast Asia, with.

Malaysia aims to expand its gas-fired power capacity by 6 to 8 gigawatts by 2030 to meet soaring electricity demand driven largely by the rapid growth of data centres, an industry official said. This expansion would represent a 40-54% increase from the current 15 GW of gas capacity, as the country.

Tenaga Nasional Bhd will invest RM43 billion to upgrade the country's national grid, reinforcing Malaysia's ambitions to become a regional hub for artificial intelligence (AI), battery energy storage systems, and data centre infrastructure. Speaking at the Energy Asia conference, Prime Minister.

The country is expected to see the fastest surge in data center power demand in southeast Asia, with its share of electricity consumed by data centers in the region to triple to 21% by 2027 from 7% in 2022. (Reuters) — Malaysia is expected to add



6-8 gigawatts of gas-fired power by 2030 to address. Will Malaysia add 6-8 gigawatts of gas-fired power by 2030?

During his nine years as a Reuters correspondent, he has attempted to lend a global perspective to small-town issues. Malaysia is expected to add 6-8 gigawatts of gas-fired power by 2030 to address growing electricity consumption driven by demand from data centres, an industry official said.

How much power do data centres need in Malaysia?

Data centres are expected to require 19.5 GW of power generation capacity by 2035, accounting for 52% of Peninsular Malaysia's electricity use, from about 2% now, Deputy Prime Minister Fadillah Yusof told Reuters.

What is Malaysia's first utility-scale battery energy storage system?

Malaysian utilities company Sarawak Energy has commissioned what is described as the nation's first utility-scale battery energy storage system (BESS). The 60 MW/82 MWh BESS, which was first energized in Dec 2024, shares the site with the soon-to-be-phased-out Sejingkat Power Plant, first commissioned in 1998.

How much renewable power will Malaysia have by 2030?

Malaysia could also add as much as 10 GW of renewable capacity by 2030, more than doubling the 9 GW currently, as data centres push for access to cleaner sources of power, he said.



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[Malaysia to build 50% more gas-fired power ...](#)

Tenaga Nasional expects Malaysia to add 6-8 gigawatts of gas-fired power by building new plants and extending the life of existing ...

Malaysia Plans 50% Increase in Gas-Fired Power Capacity to ...

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[Malaysia Plans 50% More Gas Power as Data Centers Surge](#)

Megat Jalaluddin, CEO of state utility Tenaga Nasional Berhad, said he expects Malaysia to add 6-8 gigawatts of gas-fired power by building new plants and extending the life ...

Malaysia to build 50% more gas-fired power capacity to meet ...

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In the last two years, Malaysia has turned to its coal-fired power plants to address surging demand which grew at the fastest pace ...



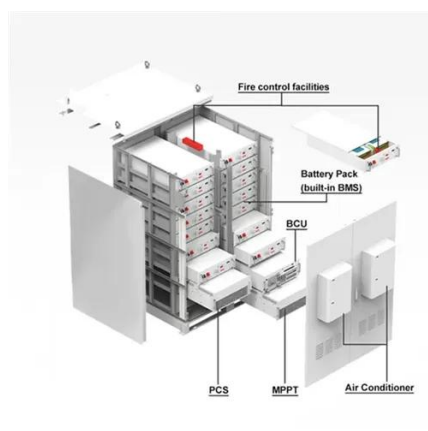
Malaysia to build 50% more gas-fired power capacity to meet ...

Tenaga Nasional expects Malaysia to add 6-8 gigawatts of gas-fired power by building new plants and extending the life of existing ones as it looks to cut dependence on coal.



[Malaysia Plans 50% More Gas Power as Data ...](#)

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Malaysia's southern state of Johor has emerged as Southeast Asia's hottest data centre hub due to its proximity to Singapore, relatively cheap land and power and faster ...



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Malaysia commissions its first big BESS at coal-fired power plant ...

The commissioning is a new development for utility-scale BESS in Malaysia. The country is turning to energy storage and other forms of renewables to meet its population's ...



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In the last two years, Malaysia has turned to its coal-fired power plants to address surging demand which grew at the fastest pace in 14 years in 2024, according to energy think ...

Malaysia's energy gets smarter with the rise of grid-scale battery storage



This project, co-located with a retiring coal power station, is Malaysia's first utility-scale deployment, marking a leap forward in reliability and modern grid design.





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