

# **Vietnam Coal Mine Energy Storage Project**





## Overview

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Are Vietnam's major coal-thermal power plants a viable transition pathway?

The study explored viable transition pathways for Vietnam's major coal-thermal power plants—namely Pha Lai, Cao Ngan, and Van Phong—assessing the potential impacts, costs, and benefits of various energy conversion options.

Who manages coal power plants in Vietnam?

Coal power plants under EVN's Power Generation Corporation (EVNGENCOs) are managed by power companies. These companies oversee operation, management, and market participation matters. In Vietnam, coal-fired plants in the North use domestic coal due to their proximity to coal mines in Quang Ninh province and the Red River Delta.

Could CCUS Technology be used in coal-fired power plants in Vietnam?

Critical infrastructure solutions specialist Black & Veatch is looking into the possibility of deploying carbon capture, utilization, and storage (CCUS) tech in coal-fired power plants across Vietnam.

How many MW is a coal-fired power plant in Vietnam?

Each plant has a capacity of 2 x 600 megawatts (MW), the company said. "This is the first carbon capture study to be conducted on coal-fired power plants in Vietnam and its findings can help define the development of our national CCUS roadmap and legal framework", said The VPI senior expert Nguyen Huu Luong.



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Transition pathways for Vietnam's major coal-thermal power ...

Mar 28, 2024 · The study explored viable transition pathways for Vietnam's major coal-thermal power plants--namely Pha Lai, Cao Ngan, and Van Phong--assessing the potential impacts, ...

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Just Transitions and Coal Power Phase Out in Vietnam

May 9, 2023 · Key Messages Energy transitions in Vietnam need to be carefully planned, given that the country more than doubled its reliance on coal-fired energy plants from 2010-2020 ...

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Kalgoorlie Vanadium BESS Energy Storage Project - WA ...

1 day ago · \$150 million Kalgoorlie Vanadium Battery Energy Storage System in WA Goldfields seeks industry partners via two-stage EOI to enhance electricity reliability and support long ...

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Mine at Hon Gai

Jun 24, 2025 · Mine at Hon Gai is an operating coal mine in Ha Khanh ward, Ha Long city, Quang Ninh Province, Vietnam, Ha Long, Quang Ninh, Vietnam.

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Vietnam's National Power Development Plan For Coal-Fired ...

In May 2023 the Prime Minister issued the long-awaited Decision 500, approving the national power development plan known as ("PDP8"). Decision 500 took effect on May 15, 2023, and ...

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Transition pathways for Vietnam's major coal ...

Mar 28, 2024 · The study explored viable transition pathways for Vietnam's major coal-thermal power plants--namely Pha Lai, Cao Ngan, and Van ...

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Energy Vault eyes gravity tech plus BESS at coal mine in Italy

Aug 6, 2024 · A render of the project in Sardinia, Italy. Image: Energy Vault. Energy Vault and a coal mining company owned by the local government in Sardinia, Italy, have signed a land ...

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CCUS Potential of Vietnam Coal Plants to be Studied

Sep 11, 2024 · Critical infrastructure solutions specialist Black & Veatch is looking into the possibility of deploying carbon capture, utilization, and storage (CCUS) tech in coal-fired ...

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Vietnam plans energy shift toward building ...

Feb 27, 2025 · Vietnam is revising its energy plans to focus more on large solar farms and less on reliance on coal and natural gas.

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Global Energy Monitor

1 day ago · Global Coal Mine Tracker: dataset of coal mines and proposed coal projects that includes operating mines producing 1 million tonnes per year or more, with smaller mines ...

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### Vietnam strengthens energy storage pathway ...

Dec 4, 2025 · Vietnam sharpened its national energy storage roadmap this week as government leaders and industrial operators aligned on BESS ...

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### Marubeni, VinGroup in 'first of a kind' Vietnam BESS project

Jan 7, 2025 · The project's official inauguration event held in December. Image: VinGroup. A green energy subsidiary of Japanese conglomerate Marubeni has brought online a megawatt ...

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### PDP8: Vietnam inches closer to commissioning its last ...

Jun 21, 2023 · Ultimately, PDP8 inches Vietnam closer to commissioning its last new coal plant (figure 4), which is in line with the dramatic contraction in the scale of new coal under ...

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### Long-awaited Vietnam energy plan aims to ...

Jun 14, 2023 · Vietnam has released a long-anticipated energy plan meant to take the country through the next decade and help meet soaring demand ...

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### Vietnam strengthens energy storage pathway

Dec 4, 2025 · Vietnam sharpened its national energy storage roadmap this week as government leaders and industrial operators aligned on BESS deployment.

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### Affirming its position as a national energy hub

9 hours ago · Affirming its position as a national energy hub Ensuring robust energy security has always been identified as a top priority in Quang Ninh's development strategy. The province ...

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### Mine at Mao Khe

Jun 24, 2025 · Mine at Mao Khe is an operating coal mine in Dong Trieu District, Quang Ninh, Vietnam, Dong Trieu, Quang Ninh, Vietnam.

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### Marubeni, VinGroup in 'first of a kind' ...

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### Hoenergy Signs Strategic Partnership and 100 MWh Energy Storage

2 days ago · Hoenergy energy storage solutions reached a new milestone as Hoenergy officially signed a strategic cooperation agreement and a 100 MWh energy storage deployment ...

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### ACEN and AMI Renewables develop ...

3 days ago · The joint venture is collaborating with Honeywell to integrate Vietnam's first grid-connected battery energy storage system (BESS) ...

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EU Funds Vietnam Pumped Hydro Storage to Stabilize Grid and Cut Coal

Oct 13, 2025 · Briefing The European Union and its partners have committed a significant EUR430 million financial package to support the Bac Ai Pumped Hydro Storage Project in Vietnam.

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