



Vietnam's Adjusted PDP 8 Implementation Plan

On 30 May 2025, the Vietnamese Ministry of Industry and Planning (the “**MOIT**”) issued Decision No. 1509/QD-BCT on approving the plan to implement the adjusted National Power Development Plan for the period of 2021 – 2030, with a vision to 2050 (“**Decision 1509**”), with immediate effect. Accordingly, the plan attached to Decision 1509 (“**Adjusted PDP 8 Implementation Plan**”) aims to:

- (a) effectively implement the adjusted National Power Development Plan for the period of 2021 – 2030, with a vision to 2050 under Decision No. 768/QD-TTg dated 15 April 2025 issued by the Prime Minister of Vietnam (“**Adjusted PDP 8**”);
- (b) identify solutions to attract investment in power development according to the Adjusted PDP 8; and
- (c) assign tasks to relevant ministries, sectors, and people's committees of centrally governed provinces and cities to coordinate with the MOIT and relevant units to effectively implement the Adjusted PDP 8.

To achieve such goals, the Adjusted PDP 8 Implementation Plan identifies the following objectives:

1. Total capacity target of each power source

No.	Power sources	Total capacity target (in MW)
I.	IMPORTANT AND PRIORITY POWER SOURCES UNTIL 2030 AND THE PERIOD 2031-2035	
1.	LNG thermal power (by 2030)	22,524
2.	Domestic gas thermal power (by 2030)	14,930
3.	Coal thermal power (by 2030)	31,055
4.	Co-generation power (by 2030)	1,404
5.	Hydropower	33,294 – 34,667
6.	Pumped storage hydropower	2,400 – 6,000
7.	Nuclear power (commissioned from 2030 – 2035)	4,000-6,400
8.	Onshore and nearshore wind power	26,066 – 38,029
9.	Offshore wind power (for domestic power consumption)	6,000 – 17,032
10.	Solar power (including rooftop solar power but excluding power sources that have no impact or only minimal impact on the national power system)	46,459 – 73,416
11.	Biomass power	1,523 - 2699
12.	Waste-to-Energy power	1,441 – 2,137
13.	Battery storage power (by 2030)	10,000 – 16,300
II.	OTHER POWER SOURCES UNTIL 2035	
1.	Flexible power sources	2,000-3,000
2.	Imported power (from Laos) (by 2030)	9,360 – 12,100
3.	Power export	Cambodia (by 2030): Approximately 400 MW Singapore, Malaysia and other regional partners (by 2035): 5,000 to 10,000

4.	Renewable energy for export	5,000 – 10,000 (potentially from Central and Southern regions)
5.	Renewable energy for production of new energy (e.g. green hydrogen, green ammonia)	15,000 (Priority is given to development in areas with high renewable energy potential and favorable grid infrastructure)

2. Plan for developing the ecosystem for industries and renewable energy services

Research to build two centers for industries and renewable energy services for the period to 2030:

No.	Potential location	Industries and renewable energy services
1.	The North of Vietnam: Hai Phong, Quang Ninh, Thai Binh, etc. and consideration of expanding to the neighboring areas in the future.	(a) Factories manufacturing equipment for renewable energy development, sea port services, logistics for construction, installation, O&M; (b) Green industrial parks with low carbon emissions; and (c) Research and development establishments.
2.	The South-Central and South of Vietnam: Ninh Thuan, Binh Thuan, Ba Ria – Vung Tau, Ho Chi Minh City, etc. and consideration of expanding to the neighboring areas in the future.	(a) Factories manufacturing equipment for renewable energy development, sea port services, logistics for construction, installation, O&M; (b) Green industrial parks with low carbon emissions; and (c) Research and development establishments.

3. Roadmap for the development and completion of legal policies and laws

For the period from 2023 – 2025, Decision 1509 sets out the key legislative mandate for:

- (a) Develop the Law on Efficient and Economical Use of Energy (amended);
- (b) Improve and finalize the direct electricity trading mechanism;

- (c) Develop mechanisms for the application of science and technology and the development of the manufacturing industry in the power sector; and
- (d) Develop a mechanism for the carbon credit market.

4. Land requirement to 2030

The land demand for the development of power infrastructure and facilities is estimated at about 89.9 – 93.36 thousand hectares during the period 2021 – 2030, in accordance with the land allocation targets set out in Resolution No. 39/2021/QH15 dated 13 November 2021, of the National Assembly.

5. Investment capital demand

No.	Period	Investment Category	Total Investment	State Investment	Private Sector (Socialization)
1.	2025–2030	Power generation	2,876,397 billion VND (USD 118.2 billion)	666,779 billion VND (USD 27.4 billion)	2,209,618 billion VND (USD 90.8 billion)
		Transmission grid	440,464 billion VND (USD 18.1 billion)	313,922 billion VND (USD 12.9 billion)	126,542 billion VND (USD 5.2 billion)
2.	2031–2035	Power generation	2,776,624 billion VND (USD 114.1 billion)	644,878 billion VND (USD 26.5 billion)	2,131,746 billion VND (USD 87.6 billion)
		Transmission grid	386,927 billion VND (USD 15.9 billion)	289,587 billion VND (USD 11.9 billion)	97,340 billion VND (USD 4.0 billion)

6. Miscellaneous contents supporting the key objectives as aforementioned

To support the key objectives as aforementioned, the Adjusted PDP 8 Implementation Plan sets forth further contents including but not limited to the capacity of the power sector, the power sources and the power transmission network as follows:

- (a) List of projects prioritised to completion of legislative policies and enhancement of the capacity of the power sector;
- (b) List and expected timeline of nationally important power source and grid projects, and priority projects of the power sector; and
- (c) Electricity supply program for the rural mountainous and island regions.

The information provided here is for information purposes only and is not intended to constitute legal advice. Legal advice should be obtained from qualified legal counsel for all specific situations.

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