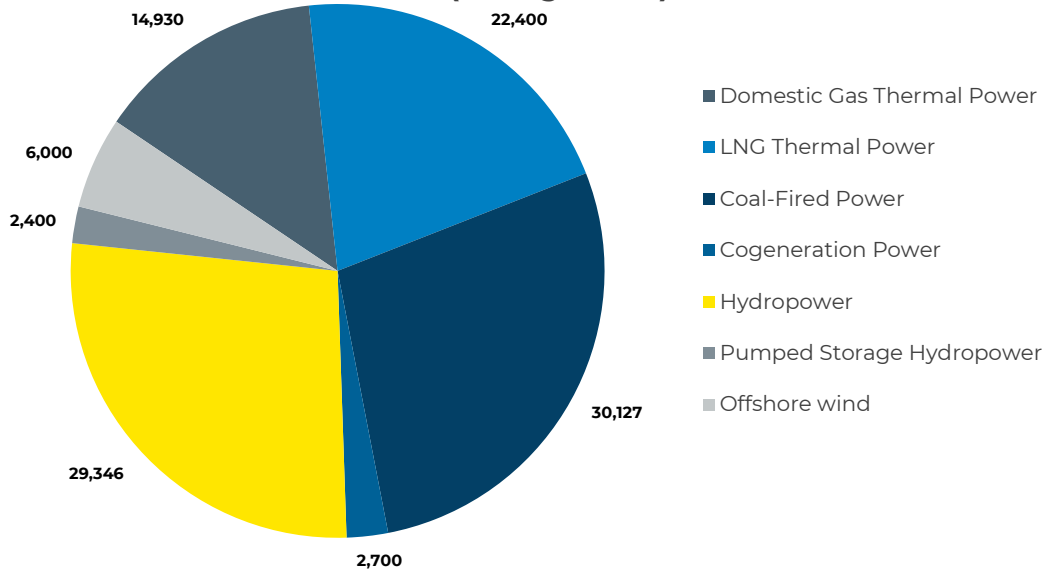


# PDP VIII Implementation Plan

Legal Update | April 2024

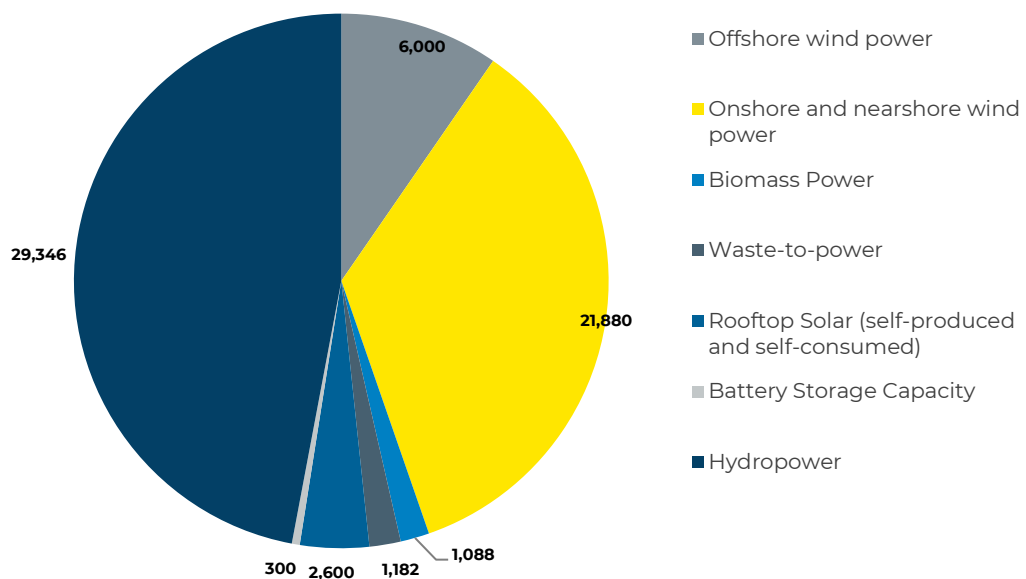
On 1 April 2024, the Prime Minister of Vietnam issued Decision 262/QĐ-TTg approving the plan to implement the National Electricity Development Plan for the period 2021 – 2030 (**PDP8 Implementation Plan**). The highly anticipated PDP8 Implementation Plan provides details of important power source projects as the industry’s investment priorities until 2030.

**Total Capacity of the Investment Priorities until 2030**  
(in Megawatts)



With respect to renewable energy, the total capacity to be developed by 2030 with different sources of energy and the list of power generation projects are also provided in the PDP8 Implementation Plan. The following chart provides a summary of the renewable energy capacity by 2030.

**Renewable Energy Capacity By 2030**  
(in Megawatts)



The PDP8 Implementation Plan also provides the status of the vast majority of LNG-to-Power Projects that have been approved in the PDP8 in Vietnam as follows:

No.	Projects	Capacity (MW)	Location	Expected Operation Period	Status
1.	Nhon Trach 3 and Nhon Trach 4 LNG-to-Power	1,624	Dong Nai province	2024-2025	Under Construction
2.	Hiep Phuoc 1 LNG-to-Power	1,200	Ho Chi Minh City	2025	Under Construction
3.	LNG Bac Lieu	3,200	Bac Lieu province	2027-2029	Preparing Feasibility Study Report
4.	Son My II LNG-to-Power	2,250	Binh Thuan province	2027-2029	Preparing Feasibility Study Report
5.	BOT Son My I LNG-to-Power	2,250	Binh Thuan province	2027-2029	Preparing Feasibility Study Report
6.	LNG Quang Ninh	1,500	Quang Ninh province	2028-2029	Preparing Feasibility Study Report
7.	LNG Hai Lang (Phase 1)	1,500	Quang Tri province	2028-2029	Preparing Feasibility Study Report
8.	LNG Thai Binh	1,500	Thai Binh province	2029	Investor Selection
9.	LNG Nghi Son	1,500	Thanh Hoa province	2029-2030	Investor Selection
10.	LNG Ca Na	1,500	Ninh Thuan province	2029-2030	Investor Selection
11.	LNG Quang Trach II	1,500	Quang Binh province	2029-2030	No information on status available <sup>1</sup>
12.	LNG Quynh Lap	1,500	Nghe An province	2029-2030	No information on status available <sup>2</sup>
13.	LNG Long An I	1,500	Long An province	2029-2030	Preparing Feasibility Study Report
	Potential locations for backing-up delayed or non-implemented projects				Thai Binh, Nam Dinh, Nghi Son, Quynh Lap, Vung Ang, Chan May, Mui Ke Ga, Hiep Phuoc 2, Tan Phuoc, Ben Tre, Ca Mau, etc.

<sup>1</sup> The PDP8 Implementation Plan does not provide the status update of this project.

<sup>2</sup> The PDP8 Implementation Plan does not provide the status update of this project.

With respect to domestic gas thermal power projects, the PDP8 Implementation Plan provides details of such projects as follows:

No.	Project	Capacity (MW)	Location	Operation Year	Note
1.	O Mon I Thermal Power Plant*	660	Can Tho	In operation	Using gas from Block B
2.	O Mon II Thermal Power Plant	1,050	Can Tho	2027	
3.	O Mon III Thermal Power Plant	1,050	Can Tho	2030	
4.	O Mon IV Thermal Power Plant	1,050	Can Tho	2028	
5.	Dung Quat I Combined Gas Turbine Power Plant	750	Quang Ngai	2028	Using gas from Ca Voi Xanh (Blue Whale) gas mines
6.	Dung Quat II Combined Gas Turbine Power Plant	750	Quang Ngai	2028	
7.	Dung Quat III Combined Gas Turbine Power Plant	750	Quang Ngai	2028	
8.	Central Region I Combined Gas Turbin Power Plant	750	Quang Nam	2030	
9.	Central Region II Combined Gas Turbin Power Plant	750	Quang Nam	2030	
10.	Quang Tri Combined Gas Turbine Power Plant	340	Quang Tri	2030	Using gas from Bao Vang (Yellow Leopard) gas mines

**Notes:**

- (\*) Existing power plants switch to using gas from Block B.
- The exact scale of the power plants will be determined in accordance with the capacity of the unit in the project implementation phase.

With respect to offshore wind projects, the PDP8 Implementation Plan does not provide any specific details on any on-going projects but provide the details of increased power capacity of the localities/regions as follows:

No.	Region	Increased Capacity during 2023-2030 (MW)
1.	Northern Vietnam	2,500
2.	North Central Vietnam	0
3.	Central Vietnam	500
4.	Highlands	0
5.	South Central Vietnam	2,000
6.	Southern Vietnam	1,000
	<b>Total Increased Capacity</b>	<b>6,000</b>

With respect to waste-to-energy projects, the PDP8 Implementation Plan also provides a summary of the current status of various waste-to-energy projects.

No.	Projects	Capacity (MW)	Operation Year	Note
	<b>Bac Ninh province</b>	<b>36.7</b>		
1.	Investment Project to Build an Industrial Waste and Domestic Solids Treatment Complex	6.1		In operation
2.	Investment Project to Build a High-Tech Domestic Solid Waste Treatment Plant That Generates Energy	11.6		In operation
3.	Investment Project to Build a High-Tech Domestic Solid Waste Treatment Plant That Generates Energy	13		In operation
4.	Project Of Domestic Solid Waste Treatment Area Focusing on Electricity Generation	6		In operation
	<b>Lang Son province</b>	<b>11</b>		
1.	Waste-To-Energy Power Plant Lang Son	11	2026-2030	
	<b>Nam Dinh province</b>	<b>15</b>		
1.	Greenity Nam Dinh Waste-To-Energy Power Plant	15	2023-2025	Under construction
	<b>Hai Phong city</b>	<b>40</b>		
1.	Domestic Solid Waste Treatment Plant Using Waste Incineration Technology To Generate Electricity	20	2026-2030	At Tran Duong town
2.	Dinh Vu (Phase 1) Domestic Solid Waste Treatment Plant Using Waste Incineration Technology To Generate Electricity	20	2026-2030	
	<b>Thanh Hoa province</b>	<b>18</b>		
1.	Domestic Waste-To-Energy Thanh Hoa	18	2026-2030	
	<b>Ha Tinh province</b>	<b>30</b>		
1.	Waste treatment and power generation plant	30	2026-2030	Hong Loc town, Loc Ha district, Ha Tinh province
	<b>Phu Yen province</b>	<b>15</b>		
1.	Trung An waste treatment and power generation plant	15	2026-2030	
	<b>Binh Phuoc province</b>	<b>15</b>		
1.	Tan Hung Hon Quan waste-to-energy plant	15	2026-2030	
	<b>Dong Nai province</b>	<b>66</b>		
1.	Vinh Tan (Phase 1) waste-to-energy plant	20	2026-2030	
2.	Quanh Trung waste-to-energy plant	7.5	2026-2030	
3.	W2E Dong Nai (Phase 1) waste-to-energy plant	20	2026-2030	
4.	Dinh Quan (Phase 1) waste-to-energy plant	18.5	2026-2030	
	<b>Ba Ria – Vung Tau province</b>	<b>30</b>		

1.	Ba Ria – Vung Tau waste-to-power plant	5	2026-2030	
2.	Toc Tien 02 waste-to-power plant	20	2026-2030	
3.	Toc Tien waste-to-power plant	5	2026-2030	
	Soc Trang province	16		
1.	Solid waste-to-energy plant	16		
	Ben Tre province	15		
1.	Solid waste-to-energy plant	15	2026-2030	
	Tien Giang province	10		
1.	Tien Giang waste-to-energy plant	10	2026-2030	
	Vinh Long province	14		
1.	Waste-to-energy plant	14	2026-2030	
	Kien Giang province	14		
1.	Hon Dat waste-to-energy plant	10	2026-2030	
2.	Phu Quoc waste-to-energy plant	4	2026-2030	
	Ca Mau province			
1.	Ca Mau waste-to-energy plant	4	2026-2030	
2.	Nam Can waste-to-energy plant	6	2026-2030	
3.	U Minh waste-to-energy plant	6	2026-2030	

For further information on details on the projects above, please feel free to reach out if you have any questions.

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