Baker McKenzie.

Update on Draft National Power Development Plan #8 (PDP8) under MOIT Report 3787 dated 4 July 2022

Thanh-Hai Nguyen, Partner 5 July 2022

Agenda





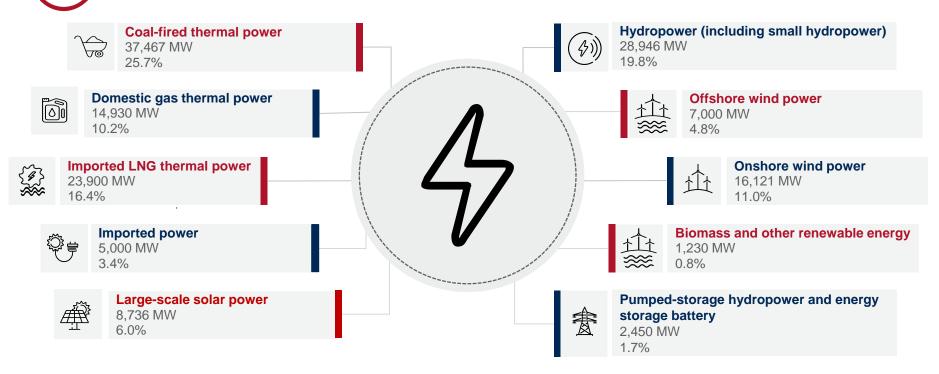
The feasibility of the Draft PDP8

MOIT Report 3787 on the Draft PDP8 (4 July 2022)

Vietnam Power Mix by 2030

Installed capacity*: 145,930 MW

*excluding rooftop solar power and cogeneration



Volume of power transmission system to be newly constructed or upgraded in the period of 2021-2030

No.	Items	Unit	Total volume 2021-2030
1.	500 kV substation		
	New construction	MVA	46,650
	To be improved	MVA	37,800
2.	500 kV transmission line		
	New construction	km	12,490
	To be improved	km	1,324

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Volume of power transmission system to be newly constructed or improved in the period of 2021-2030

No.	Items	Unit	Total volume 2021-2030
1.	200 kV substation		
	New construction	MVA	74,275
	To be improved	MVA	34,497
2.	200 kV transmission line		
	New construction	km	16,061
	To be improved	km	6,484

Coal-fired thermal power





11 projects with the total capacity of 12,960 MW are under construction and expected to be put into operation by 2030

04 projects with the total capacity of 4,800 MW may have issues in the process of implementation



The investor announced that the capital has been arranged.

Coal-fired thermal power projects

No.	Project Name	Capacity (MW)	Investor	Timeline under PDP8	Estimated timeline	Current status	Obstacles
1	Na Duong 2	110	TKV	2021-2025	2026 at the earliest	The FS was approved. Capital for the project has been arranged.	Difficulties in EPC contractor selection. The approved price is lower than the price reasonable to contractors due to the recent increase in the price of materials and equipment.
2	An Khanh – Bac Giang	650	An Khanh – BG	2021-2025	2025 at the earliest	The FS was approved. Some infrastructure items have been under construction. The capital for project is being arranged from domestic sources.	
3	Thai Binh 2	1200	PVN	2021-2025	Quarter IV - 2022	Total progress reached 94%.	
4	Cong Thanh	600	Cong Thanh	2021-2025	After 2030	The FS was approved.	Unable to arrange capital. The investor is proposing to switch to using LNG.
5	Quang Trach 1	1,200	EVN	2021-2025	Quarter IV – 2025	Capital mobilization and EPC contractor selection have been completed. The project is under construction.	

Coal-fired thermal power projects

N o.	Project Name	Capacity	Investor	Timeline under PDP8	Estimated timeline	Current status	Obstacles
6	Long Phu 1	1,200	PVN	2026-2030	About 2027	Total progress reached 75%. The project implementation is on hold.	The US embargoes EPC general contractor (Power Machine). Power Machine has stopped performing the EPC contract and is suing PVN.
7	Song Hau 1	1,200	PVN	2021-2025	Quarter II/2022	The construction has been completed. The plant is being tested to be put into operation.	
8	BOT Nghi Son 2	1,330	Marubeni; Korea Electric Power; Tohoku	2021-2025	COD in August 2022 under the BOT contract	Under construction. Total progress reached about 99.82%. Unit 1 reached COD on Jan 2022 and Unit 2 is being tested.	
9	BOT Duyen Hai 2	1,320	Janakuasa SDN BHD	2021-2025		The project reached COD. Units 1 and 2 reached COD on June and December 2021 respectively.	
10	BOT Van Phong 1	1,420	Sumitomo Corporation	2021-2025	Under the BOT contract, planned COD of Units 1 and 2 is Quarter III/2023 and Quarter I/2024 respectively.	The project is under construction. Total progress reached about 70.52%.	

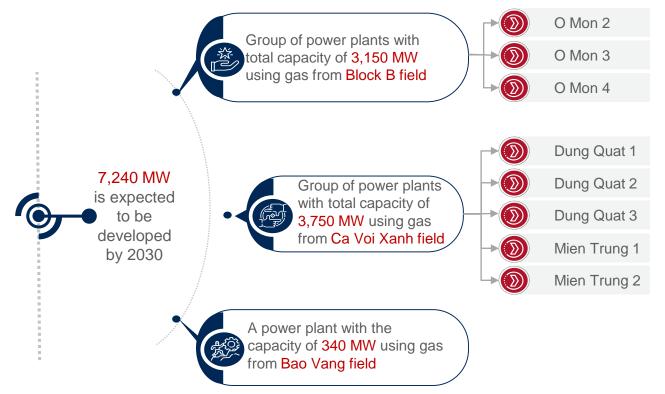
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Coal-fired thermal power

N o.	Project Name	Capacity	Investor	Timeline under PDP8	Estimated timeline	Current status	Obstacles
11	BOT Vung Ang 2	1,330	OneEnergy Asia Limited	2026-2030	Under the BOT contract, planned COD of Units 1 and 2 is Quarter III/2025 and Quarter I/2026 respectively.	The project is under construction. Total progress reached about 10.9%.	
12	BOT Quang Tri	1,320	Electricity Generating Authority of Thailand (EGAT) International Company Limited	2026-2030	Unable to be determined	The negotiation of project contracts is in progress.	Difficulties in arranging capital
13	BOT Nam Dinh 1	1,200	Nam Dinh First Power Holdings Pte. Ltd	2026-2030	Unable to be determined	The negotiation of project contracts is in progress.	Difficulties in arranging capital
14	BOT Vinh Tan 3	1,980	OneEnergy Ventures Limited, EVN	2026-2030	Unable to be determined	In the process of finalizing project contracts.	Difficulties in arranging capital
15	BOT Song Hau 2	2,120	Toyo Ink Group Berhad	2026-2030	Under the BOT contract, planned COD of Units 1 and 2 is Quarter III/2026 and Quarter I/2027 respectively.	BOT contract was signed. The capital mobilization is in progress.	Difficulties in arranging capital

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Domestic gas thermal power



Domestic gas thermal power



*GGU: Government Guarantee and Undertaking

Domestic gas thermal power

No.	Project Name	Capacity	Investor	Timeline under PDP8	Estimated timeline Current status		Obstacles
1	Dung Quat 1 (CVX)	750	EVN	2026-2030	2028	FS was approved. The gas sale and purchase agreement is under negotiation.	Difficulties in negotiating CVX gas supply and synchronously
2	Dung Quat 3 (CVX)	750	EVN	2026-2030	2028	FS was approved. The gas sale and purchase agreement is under negotiation.	implementing the CVX project chain
3	Dung Quat 2 (CVX)	750	Sembcorp (BOT)	2026-2030	2028	FS was approved. The gas sale and purchase agreement is under negotiation.	Difficulties in negotiating CVX gas supply. Reserves and progress of gas sources have not yet been determined.
4	Mien Trung 1 (CVX)	750	PVN	2026-2030	2028	-	Difficulties in negotiating CVX gas supply and
5	Mien Trung 2 (CVX)	750	PVN	2026-2030	2028	-	synchronously implementing the CVX project chain

Domestic gas thermal power

No.	Project Name	Capacity	Investor	Timeline under PDP8	Estimated timeline	Current status	Obstacles	
6	O Mon 3 (Block B)	1,050	EVN	2021-2025	2027	The procedures for obtaining the approval of investment policy using ODA loans are in progress.	Difficulties in implementing investment policy, negotiating gas supply from Block B and synchronously implementing the project chain.	
7	O Mon 4 (Block B)	1,050	EVN		2026	FS was approved. The preparation for EPC bidding is in progress.	Difficulties in negotiating gas supply from Block B and	
8	O Mon 2 (Block B)	1,050	WTO- Marubeni	2021-2025	2026	The formulation of FS is in progress.	synchronously implementing the project chain.	
9	Quang Tri	340	Gazprom EP International B.V.		After 2030	The investor has not yet implemented any works related to the power plant. The investor must drill additional well 6X to assess the gas reserves of Bao Vang field, the progress of the power plant and the efficiency of the gas-electricity project chain.	The investor is unable to assess the gas reserves of Bao Vang field, the progress of the power plant and the efficiency of the gas- electricity project chain.	

LNG-to-power







11 projects with the total capacity of 17,900 **MW** were included into the revised PDP7

04 projects with the total capacity of 6,000 MW are planned to be included in the PDP8



Difficulties in capital mobilization for the projects





02 coal-fired thermal power projects included in the revised PDP7 switch from using coal to LNG

LNG-to-power

No.	Project Name	Capacity	Investor	Timeline under PDP8	Estimated timeline	Current status	Obstacles
1	Nhon Trach 3,4	1,500	PV Power	2021-2025	2025	FS was approved and EPC general contractor was selected. The project is in progress.	Difficulties in negotiating PPA and arranging capital for the project.
2	Hiep Phuoc – Phase 1	1,200	Hiep Phuoc	2021-2025	2024	The FS was approved. The capital mobilization was completed. The construction of the project is in progress.	
3	Bac Lieu – Phase 1	800	DOE	2021-2025	2027 at the earliest	The finalization of the FS is in	Difficulties in negotiating PPA
4	Bac Lieu – Phase 2	2,400	DOE	2026-2030	2029 at the earliest	progress for approval and PPA negotiation with EVN.	and arranging capital for the project.
5	Son My 1 (BOT)	2,250	EDF- Sojits- Kyushu	2026-2030	2028 at the earliest	The finalization of the FS is in progress.	Difficulties in negotiating project documents and arranging capital for the project.

LNG-to-power

No.	Project Name	Capacity	Investor	Timeline under PDP8	Estimated timeline	Current status	Obstacles	
6	Son My 2 (BOT)	2,250	AES	2026-2030	2028 at the earliest	The consideration for issuance of the project's investment policy approval is in progress.	Difficulties in negotiating project documents and arranging capital for the project.	
7	Long An 1	1,500	Vinacapital – GS	2026-2030	2028 at the earliest	FS formulation is in progress.	Difficulties in negotiating PPA and arranging capital for the	
8	Long An 2	1,500	Energy	2031-2045	2028 at the earliest		project.	
9	Ca Na	1,500	-	2026-2030	2028 at the earliest	The investor selection procedures by the Provincial People's Committee (PPC) is in progress.	Difficulties in negotiating PPA and arranging capital for the project.	
10	Quang Ninh 1	1,500	PV Power – Lilama – Tokyo Gas – Marubeni	2026-2030	2028 at the earliest	FS formulation is in progress.	Difficulties in negotiating PPA and arranging capital for the project.	

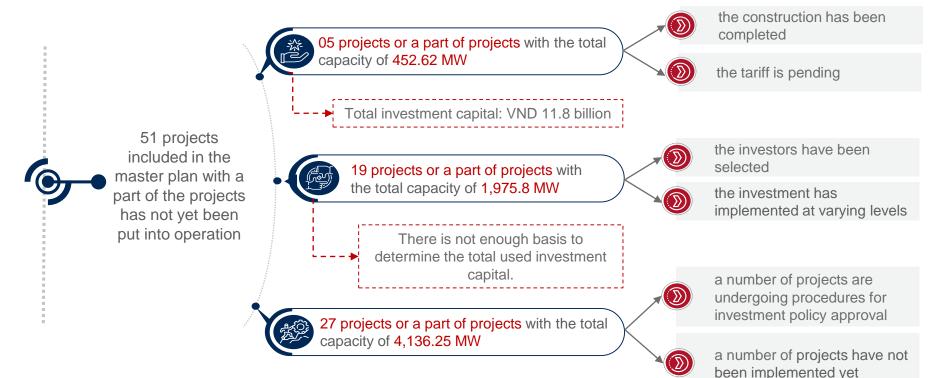
LNG-to-power

No.	Project Name	Capacity	Investor	Timeline under PDP8	Estimated timeline	Current status	Obstacles	
11	Long Son	1,500	-	2026-2030	2029 at the earliest	The investor selection procedures by the PPC is in progress.	Difficulties in negotiating PPA and arranging capital for the project.	
12	Hai Lang	1,500	T&T – Kogas – Hanwha – KSPC	2026-2030	2028 at the earliest	FS formulation is in progress.	Difficulties in negotiating PPA and arranging capital for the project.	
13	Thai Binh	1,500	-					
14	Nghi Son	1,500	-	2026-2030	COD within the period of	The investor selection and the implementation of the	Difficulties in negotiating PPA and	
15	Quynh Lap	1,500	-	2020-2030	2028-2030	first investment steps are in progress.	arranging capital for the project.	
16	Quang Trach 2	1,500	-					

Wind power







Proposals of the MOIT

To avoid legal risks, disputes, and Government's responsibilities to compensate investors:



2,428.42 MW of solar power projects for which the investors have been selected

4,136.25 MW of solar power projects for which

the investors have NOT yet been selected



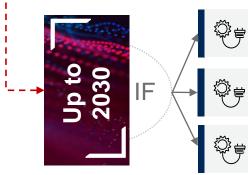
To continue developing these projects



or

or

To consider pushing back on the implementation schedule so that these projects will be carried out after 2030.



the technical condition of the national power system is better

There are more tools to safely and economically monitor and operate power sources in the system

There are power projects that are delayed and need alternative solutions



The MOIT will ask EVN to calculate, check and report to the Prime Minister.

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Proposals of the MOIT

To avoid legal risks, disputes, and responsibilities to indemnify investors:



To continue developing 2,428.42 MW of solar power projects for which the investors have been selected



Basic scenario: 133,878.5 MW

High scenario: 148,358.5 MW



comply with the laws

comply with the **electricity price mechanism** at the time of putting into operation

be consistent with the **absorptive capacity** of the national power system and capacity of the power grid

Wind and solar power



Projects that serve the purpose of selfconsumption, serve on-site loads, and not generate electricity to the national grid



Projects that serve the production of new forms of energy such as green hydrogen and ammonia.



The development of these projects should be prioritized.



The capacity of these projects is **not limited** (e.g., by the sources structure under the PDP8).



These projects can be supplemented to the PDP8.

No	Project Name	Province			Current status	Notes		
			MWp	MW	operation (MW)	into operation (MW)		
I. So	lar power projects	s of which the	constructi	on has	been completed and	the tariff is pending (not	yet determined)	
1	Phu My	Binh Dinh						
1.1	Phu My 1	Binh Dinh	120		31.25	64.75	The construction	31.25 MW reached COD on 30 December 2020; the remaining capacity is waiting for the tariff
1.2	Phu My 2	Binh Dinh	110		93.75	0	has been completed.	93.75 MW reached COD on 30 December 2020
1.3	Phu My 3	Binh Dinh	100		56.25	23.75		56.25 MW reached COD on 24 December 2020
2	Thien Tan 1.4	Ninh Thuan	100		0	80	The construction has been completed, waiting for tariff to conduct acceptance test	The project is waiting for power generation because the construction of 220kV line has not yet been completed. The tariff is pending.

No	Project Name	Province	Plann capac MWp		Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes
I. So	lar power projects	s of which the o				the tariff is pending (not	yet determined)	
3	Thien Tan 1.3	Ninh Thuan	50		0	32	6.3 MW was put into operation. The tariff is pending.	8MWp reached the COD. The remaining capacity has not yet been recognized for the COD due to the lack of tariff.
4	Thien Tan 1.2	Ninh Thuan	100		0	80	37.8 MW was put into operation. The tariff is pending.	48.23 MWp reached the COD. The remaining capacity is waiting for the tariff.
5	450MW solar power project in Phuoc Minh, Thuan Nam	Ninh Thuan	-	450	277.88	172.12	277.88 MW was put into operation.	Electricity Operation License was issued. 277.88 MW reached the COD. 172.12 MW was put into operation without tariff.
					Total	452.62		

No	Project Name	Province	Planr capad MWp		Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes		
II. So	II. Solar power projects of which the investors were selected and the construction for a part of the project has not yet been completed									
1	Chu Ngoc									
1.1	Chu Ngoc – Phase 1	Gia Lai	15		12.75	0	15 MWp was put into operation from 03 June 2019	The project reached COD on 04 June 2019. The project is currently in operation.		
1.2	Chu Ngoc – Phase 2	Gia Lai	25		0	20	The project has not yet been put into operation	The contract on FS study was signed and 30% of contract price was paid in advance. The investor has registered for plan on land use.		
2	Phuoc Thai									
2.1	Phuoc Thai 1	Ninh Thuan		50	42	8	The project has been put into operation.	The project is currently in operation.		
2.2	Phuoc Thai 2	Ninh Thuan		100	0	100	The projects have	The basic design was appraised.		
2.3	Phuoc Thai 3	Ninh Thuan		50	0	50	not yet been put into operation.	The bidding for EPC contractor selection was conducted.		

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No	Project Name	Province	Planr capad MWp		Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes		
II. So	II. Solar power projects of which the investors were selected and the construction for a part of the project has not yet been completed									
3	Ngoc Lac	Thanh Hoa		45	0	45	The project has not yet been put into operation.	The basic design was appraised. PPA and Land lease agreement were signed. The project is expected to start generating electricity from Quarter IV/2022.		
4	Krong Pa 2	Gia Lai	49		0	39.2	The project has not yet been put into operation.	The technical design was appraised. EPC contract was signed. The project is under construction.		
5	Duc Hue 2	Long An	49		0	39.2	The project has not yet been put into operation.	The project is expected to be put into operation in June 2022. The project is waiting for PPA signing and tariff. The land use right (LUR) certificate was granted to the investor. The Environmental Impact Assessment (EIA) report was approved. Agreement on sale and purchase of solar panels, inverter, and transformer was signed.		

No	Project Name	Province	Planr capao MWp		Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes		
II. So	II. Solar power projects of which the investors were selected and the construction for a part of the project has not yet been completed									
6	KN laly – Gia Lai	Gia Lai	500		0	400	The project has not yet been put into operation.	The consultant to prepare the FS report was hired. The contract on cadastral survey was signed. The contract for making report on adjustment of connection plan was signed. The contract for making EIA report was signed.		
7	MT2	Binh Phuoc	30		0	24	The project has not yet been put into operation.			
8	MT1	Binh Phuoc	30		0	24	The project has not yet been put into operation.	The consultants to make a FS report, fire protection design, grid connection plan, etc. were hired. The investor was approved to lease land.		
9	Chau Duc industrial park	Ba Ria – Vung Tau		100	58	42	58MW reached COD.	A part of the project has been put into commercial operation. The investor is requesting to remove the project from the list of projects that have not been operated yet.		

No	Project Name	Province	Planr capa	has been put into		Capacity which has NOT yet been put	Current status	Notes		
•			MWp	MW	operation (MW)	into operation (MW)				
II. So	II. Solar power projects of which the investors were selected and the construction for a part of the project has not yet been completed									
10	KN Srepok 3 – Phase 1	Dak Lak	380		0	304	The project has not yet been put into operation.	The consultant to prepare the FS report was hired. The investor planted site clearance landmarks.		
11	Phu Thien	Gia Lai	40		0	32	The project has not yet been put into operation.	Contract on sale and purchase of solar panels, construction contract, and contract on making FS study report were signed. Basic design was submitted to the Department of Industry and Trade (DOIT) for appraisal. A number of LUR transfer agreements were signed.		
12	Trang Duc	Gia Lai	49		0	39.2	The project has not yet been put into operation.	Contract on making FS study report was signed. List of land compensation was made. The investor purchased a part of the LURs. The PPC has agreed on the policy on contributing capital and renting lands.		

No	Project Name	Province	Plann capad MWp		Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes
II. Solar power projects of which the investors were selected and the construction for a part of the project has not yet been completed								
13	Son Quang	Ha Tinh	29		0	23.2	The project has not yet been put into operation.	The investor has not completed the procedures for agreement on grid connection and release of capacity with Huong Son Hydro Power JSC.
14	KN laly Kon Tum	Kon Tum	200		0	160	The project has not yet been put into operation.	Contract on measuring and drawing, extracting cadastral maps and planting site clearance landmarks was signed. Contract on conducting servey and consulting for making/appraising FS report was signed. Contract on making EIA report was signed.
15	Duc An	Dak Nong		30	0	30	The project has not yet been put into operation.	The land was allocated. The land use purpose was converted to energy land. The consultant to make the FS report was hired. EPC contract was signed.

No.	Project Name	Province	Planned capacity		has been put into NOT yet been p	Capacity which has NOT yet been put	Current status	Notes		
			MWp	MW	operation (MW)	into operation (MW)				
II. Solar power projects of which the investors were selected and the construction for a part of the project has not yet been completed										
16	Dau Tieng									
16.1	Dau Tieng 1	Tay Ninh			150	0	The project has been put into operation.	The total capacity of Dau Tieng project is 2,000 MW. The		
16.2	Dau Tieng 2	Tay Ninh			200	0	The project has been put into operation.	investment in 500 MW of 03 solar power plants (i.e., Dau Tieng 1, 2, and 3) was conducted. For Dau Tieng 5, the consultant to		
16.3	Dau Tieng 3	Tay Ninh			150	0	The project has been put into operation.	make the FS report was hired. A map of the current land use status was made for land compensation		
16.4	Dau Tieng 5	Tay Ninh		450	0	450	The project has not yet been put into operation	and site clearance.		

No	Project Name	Province	Planr capad MWp		Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes
II. Solar power projects of which the investors were selected and the construction for a part of the project has <u>not</u> yet been completed								
17	Thanh Hoa 1	Thanh Hoa	160		0	128	The project has not yet been put into operation	
18	Mai Son	Son La		10	0	10	The project has not yet been put into operation	The technical design has been appraised. The PPC is proposing to remove the project from the plan.
19	Thien Tan 1.3	Ninh Thuan	50		0	8	6.3 MW has been put into operation.	The technical design has been appraised.
					Total:	1975.8		

No	Project Name	Province	Plann capac	city	Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes
111. \$	Solar power pro	iects of which the	MWp investors	MW have No	OT yet been selected			
1	An Cu	An Giang	50	-	0	40	The project has not yet been put into operation.	
2	Hong Liem 6.1	Binh Thuan	50	-	0	40	The project has not yet been put into operation	
3	Ayun Pa	Gia Lai	25	-	0	20	The project has not yet been put into operation	
4	Ninh Sim	Khanh Hoa	40	-	0	32	The project has not yet been put into operation	
5	la Rsuom – Bitexco – ToNa	Gia Lai	14.8	-	0	11.84	The project has not yet been put into operation	
6	Dam An Khe	Quang Ngai	50	-	0	40	The project has not yet been put into operation	
7	Dam Nuoc Man	Quang Ngai	50	-	0	40	The project has not yet been put into operation	

No.	Project Name	Province	Planı capa MWp		Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes		
III. Sol	III. Solar power projects of which the investors have NOT yet been selected									
8	Loc Thanh 1-1	Binh Phuoc	50		0	40	The project has not yet been put into operation	The investor has proposed to PPC to implement the project. The investor is conducting procedures for investment policy approval. The consultants to make a FS report, fire protection design, grid connection plan, etc. were hired. The project has been approved to lease land.		
9	Hai Ly Binh Phuoc 1	Binh Phuoc	50		0	40	The project has not yet been put into operation	Procedures for investment policy approval and investor approval are currently conducted. The investor has proposed to PPC to implement the project. The consultant to make a FS report was hired. The project has been approved to lease land.		
10	Song Binh	Binh Thuan		200	0	200	The project has not yet been put into operation	EVN was assigned to become the investor of the project. The investment policy approval has not yet been issued by the PPC.		

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No.	Project Name	Province	Plann capac MWp		Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes
III. Sola	ar power proje	ects of which the i	nvestors h	ave NO ⁻	Γ yet been selected			
11	Tan Xuan	Binh Thuan	29.519		0	23.61	The project has not yet been put into operation	The investment policy approval has not yet been issued.
12	Easup 1	Dak Lak	50		0	40	The project has not yet been put into operation	The investment policy approval has not yet been issued.
13	la Lop 1	Dak Lak	50		0	40	The project has not yet been put into operation	The investment policy approval has not yet been issued.
14	Buon Tua Srah	Dak Nong	390		0	312	The project has not yet been put into operation	The investor is proposing for the investment policy and has submitted a written request to the PPC for the project implementation.

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No.	Project Name	Province	Planr capa MWp		Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes
III. Sol	ar power proje	ects of which the i	nvestors h	ave NO	T yet been selected			
15	Cu Knia	Dak Nong	180		0	144	The project has not yet been put into operation	The investor is proposing for the investment policy. The investor has submitted a written request to the PPC for the project implementation. The Provincial People's
16	Ea Tling	Dak Nong	95		0	76	The project has not yet been put into operation	The Provincial People's Council has included these projects in the list of projects that need land recovery. On 07 March 2022, the PPC reported to the Standing Committee of the PPC to approve the investment policy. On 17 May 2022, the PPC submitted a written request to the Prime Minister and the MOIT for keeping the project progress in the period of 2021-2025.
17	Xuyen Ha	Dak Nong	130		0	104	The project has not yet been put into operation	

MOIT Report 3787: Solar power

No.	Project Name	Province	Planı capa MWp		Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes
III. So	III. Solar power projects of which the investors have NOT yet been selected							
18	KN Tri An foating solar	Dong Nai	1,160		0	928	The project has not yet been put into operation	Investors are preparing application for investment policy approvals for Tri An 1 (250 MWp), Tri An 2 (410 MWp) and Tri An 3 (500 MWp). FS report preparation consulting contract was signed.
19	Tri An	Dong Nai	126		0	101	The project has not yet been put into operation	The application for investment policy approval has not yet been made.
20	Phuoc Trung	Ninh Thuan	50		0	40	The project has not yet been put into operation	The DOIT reported under the
21	Phuoc Huu 2	Ninh Thuan	230		0	184	The project has not yet been put into operation	annex attached to Letter No. 936/SCT-CN dated 09 May 2022.
22	Xanh Song Cau	Phu Yen		150	0	150	The project has not yet been put into operation	The DOIT reported under the Letter No. 168/SCT-NLKT dated 09 March 2022.

MOIT Report 3787: Solar power

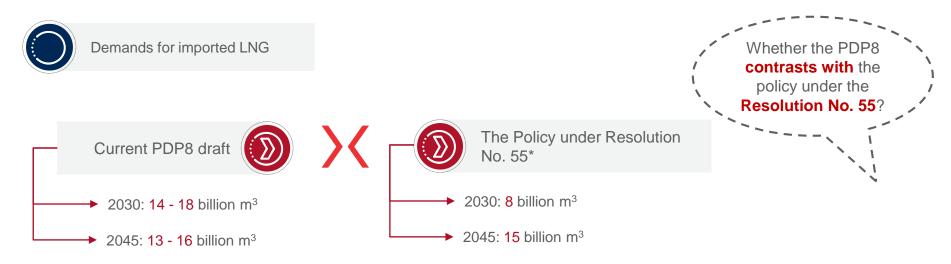
No.	Project Name	Province	Plan capa MWp		Capacity which has been put into operation (MW)	Capacity which has NOT yet been put into operation (MW)	Current status	Notes	
III. So	II. Solar power projects of which the investors have NOT yet been selected								
23	Ho Khe Go	Nghe An	250		0	200	The project has not yet been put into operation	The PPC has reported under the	
24	Ho Vu Mau floating solar	Nghe An	200		0	160	The project has not yet been put into operation	Official Letter No. 2963/UBND-CN dated 26 April 2022.	
25	Tam Bo	Lam Dong	50		0	40	The project has not yet been put into operation	The proposal for project implementation was submitted to the PPC on 21 March 2022.	
26	Phong Hoa	Thua Thien Hue	50		0	40	The project has not yet been put into operation	A written request was submitted to the PPC for the investment policy approval on 20 November 2020. The PPC issued the decicion on land recovery on 11 February 2020.	
27	Remaining part of Dau Tieng project	Tay Ninh		1,050	0	1,050	The project has not yet been put into operation		
				Total:	0	4,136.25			

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LNG-to-power

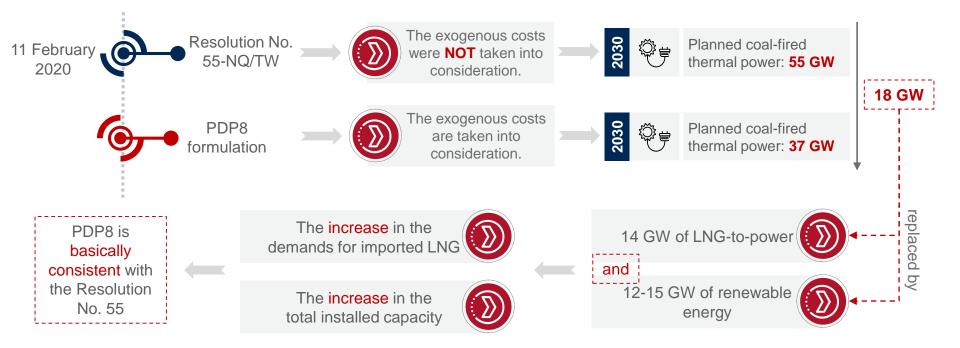
The compliance with the Resolution No. 55



(*) Resolution No. 55-NQ/TW dated 11 February 2020 of the Central Committee of the Politburo of Vietnam on the orientation of the National Energy Development Strategy of Vietnam to 2030

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The compliance with the Resolution No. 55



The compliance with the Resolution No. 55

The draft PDP8 satisfies the requirements on diversification of power sources under Resolution No. 55.

23,900 MW of LNG-topower accounts for
16.4% of total installed capacity of power sources by 2030



17,900 MW were included into the revised PDP7



only 6,000 MW are additionally developed under the PDP8



Herfindahl-Hirschman index (HHI) of power sources in Vietnam



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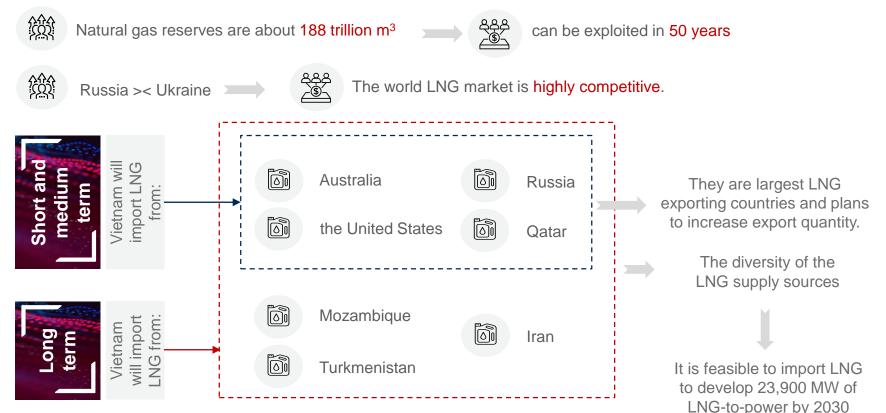
The compliance with the Resolution No. 55

Next steps: The Prime Minister to seek guidance from

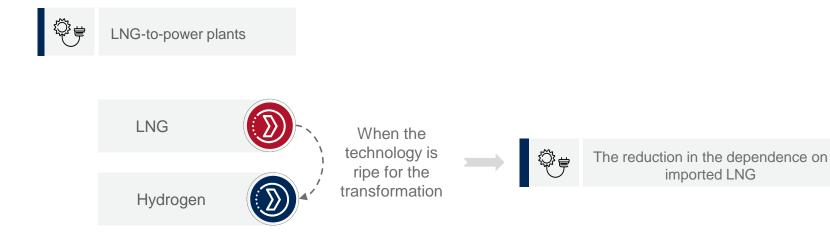


Politburo of the Communist Party of Vietnam Central Economic Committee of the Communist Party of Vietnam

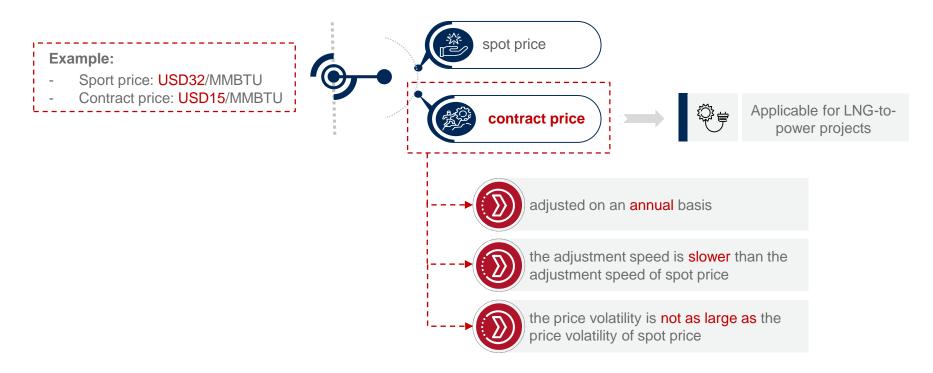
The feasibility of importing LNG



The feasibility of importing LNG



Fluctuations in the price of LNG

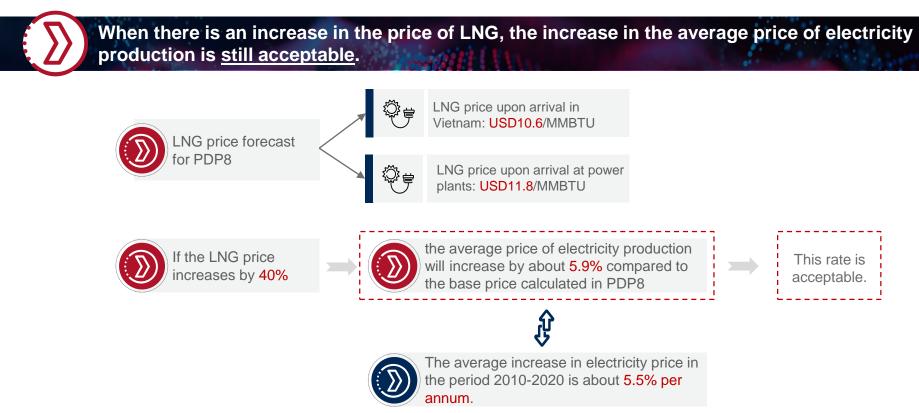


Fluctuations in the price of LNG

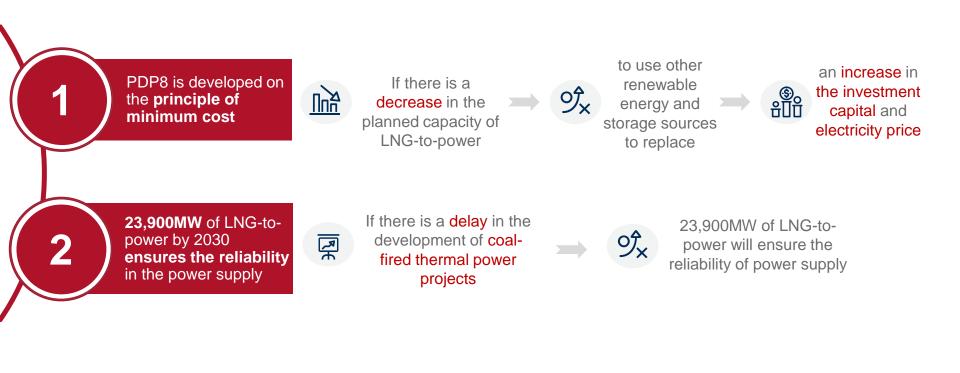
It is forecasted that LNG price will tend to decrease.

Time	Forecast of the price of LNG (USD/MMBTU)					
	World Bank	IHS Market				
2022	19	15				
2023	14	-				
2024	13	-				
2025	-	8.3				
2030	8.5	8.05				
2035	7.5	-				
2045	-	8.27				
2050	-	8.75				

Fluctuations in the price of LNG



The roles of LNG-to-power source





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