Appendix 1

PDP8 Implementation Plan Priority Projects and Programmes

1. List of newly built domestic gas power projects

No.	Projects	Capacity (MW)	Province	COD year	Note
1	O Mon I thermal power ¹	660	Can Tho	Operational	To use gas from
2	O Mon II thermal power plant	1050	Can Tho	2027	Block B field
3	O Mon III thermal power plant	1050	Can Tho	2030	
4	O Mon IV thermal power plant	1050	Can Tho	2028	
5	Dung Quat I CCGT power plant	750	Quang Ngai	2028	To use gas from the Ca Voi Xanh
6	Dung Quat II CCGT power plant	750	Quang Ngai	2028	field
7	Dung Quat III CCGT power plant	750	Quang Ngai	2028	
8	Mien Trung I CCGT power plant	750	Quang Nam	2030	
9	Mien Trung II CCGT power plant	750	Quang Nam	2030	
10	Quang Tri CCGT power plant	340	Quang Nam	2030	To use gas from the Bao Vang field

Notes:

- The exact capacity shall be determined in accordance with the capacity of units during the development of the projects.

No.	Project	Capacity (MW)	Province/City	COD year	Note
1	Nhon Trach 3 and Nhon Trach 4 Thermal Power Plants	1,624	Dong Nai	2024-2025	Under construction
2	LNG Hiep Phuoc phase I	1,200	Ho Chi Minh City	2025	Under construction
3	LNG Bac Lieu	3,200	Bac Lieu	2027-2029	Under FS drafting
4	Son My II Thermal Power Plant	2,250	Binh Thuan	2027-2029	Under FS drafting

2. List of newly built LNG thermal power projects

¹ Existing power plant switch to use gas from Block B.

No.	Project	Capacity (MW)	Province/City	COD year	Note
5	BOT Son My I Thermal Power Plant	2,250	Binh Thuan	2027-2029	Under FS drafting
6	LNG Quang Ninh	1,500	Quang Ninh	2028-2029	Under FS drafting
7	LNG Hai Lang phase 1	1,500	Quang Tri	2028-2029	Under FS drafting
8	LNG Thai Binh	1,500	Thai Binh	2029	Under investor selection
9	LNG Nghi Son	1,500	Thanh Hoa	2029-2030	Under investor selection
10	Ca Na LNG	1,500	Ninh Thuan	2029-2030	Under investor selection
11	LNG Quang Trach II	1,500	Quang Binh	2029-2030	
12	LNG Quynh Lap	1,500	Nghe An	2029-2030	
13	LNG Long An I	1,500	Long An	2029-2030	Under FS drafting
					Thai Binh, Nam
	Potential and back-up				Dinh, Nghi Son,
					Quynh Lap, Vung
	areas for power projects that are behind schedule				Ang, Chan May, Mui
	or cannot be implemented				Ke Ga, Hiep Phuoc
	or cannot be implemented				2, Tan Phuoc, Ben
					Tre, Ca Mau, etc.

Notes:

- The exact capacity shall be determined in accordance with the capacity of units during the development of the projects.

3. List of newly built coal thermal power projects

No.	Project	Capacity (MW)	Province/City	COD year	Note
1	Van Phong 1 Thermal Power Plant	1,432	Khanh Hoa	2024	Operational
2	Vung Ang II Thermal Power Plant	1,330	Ha Tinh	2025-2026	
3	Na Duong II Thermal Power Plant	110	Lang Son	2026	Prepare for construction
4	Quang Trach I Thermal Power Plant	1,403	Quang Binh	2026	Under construction
5	An Khanh – Bac Giang Thermal Power Plant	650	Bac Giang	2027	
6	Long Phu I Thermal Power Plant	1,200	Soc Trang	2027	

List of thermal power projects behind schedule, and encounter difficulties in shareholder changes and financial arrangement:

No.	Project	Capacity (MW)	Province/City	Note
1	Quang Tri Thermal Power Plant ²	1,320	Quang Tri	
2	Cong Thanh thermal power plant ³	600		The MOIT works with investors. Projects which cannot be
3	Nam Dinh I Thermal Power Plant	1,200	Nam Dinh	implemented until June 2024 must considered for termination in
4	Vinh Tan III Thermal Power Plant	1,980		accordance with laws.
5	Song Hau II Thermal Power Plant	2,120	Hau Giang	

4. List of newly built cogeneration power source projects, power sources using residual heat, blast furnace gas, and by-products of technological lines in industrial facilities

No.	Project	Capacity (MW)	Province/City	COD year	Note	
1	Formosa HT2	650	Ha Tinh	2026		
2	Duc Giang cogeneration power plant	100	Lao Cai	2027		
3	Hai Ha 1 cogeneration thermal power plant	300	Quang Ninh	2026-2030		
4	Hoa Phat II residual gas thermal power plant	300	Quang Ngai	2026-2026		
5	Other projects	To prioritize the development of these projects to increase the efficiency of energy utilization. These power projects are permitted to be developed with an unlimited capacity on the basis of being aligned with the demands and potential of industrial facilities.				

5. List of newly built medium and large-scale hydropower projects

No.	Project	Capacity (MW)	Province/City	COD	Note
1	Long Tao hydropower plant	44	Dien Bien		Operational
2	Song Lo 6 hydropower plant	60	Ha Giang		Operational

² The investor proposed to stop the project (Document EGATi 277/2023). Quang Tri PPC proposed the conversion of the plant to gas power (Official Letter 4009/UBND-KT dated 9 August 2023).

³ Thanh Hoa PPC proposed the conversion of the plant to LNG (Official Letter 19346/UBND-CN dated 21 December 2023).

No.	Project	Capacity (MW)	Province/City	COD	Note
3	Pac Ma hydropower plant	160	Lai Chau		Operational
4	Suoi Sap 2A hydropower plant	49.6	Son La		Operational
5	Dak Mi 2 hydropower plant	147	Quang Nam		Operational
6	Song Tranh 4 Hydropower Plant	48	Quang Nam		Operational
7	Thuong Kon Tum hydropower plant	220	Kon Tum		Operational
8	Song Lo 7 hydropower plant	36	Tuyen Quang		Operational
9	Nam Cum 1,4,5 hydropower plant	95.8	Lai Chau		Under construction (4-56 MW Nam Cum expected to operate in 2025; 5-10 MW Nam Cum expected to operate in 2024; 1 - 29.8 MW Nam Cum 4 expected to operate in 2027)
10	Nam Cum 2,3,6 hydropower plant	79.5	Lai Chau		48.5 MW Nam Cum 3 in operation; 24 MW Nam Cum 2: operating in 2024; 7 MW Nam Cum 6 is expected to operate in 2027.
11	Song Hieu hydropower plant (Ban Mong)	45	Nghe An	2024	Under development
12	Phu Tan 2 hydropower plant	93	Dong Nai	2023	Operational
13	Yen Son hydropower plant Plant	90	Tuyen Quang	2025	Under construction
14	Hoi Xuan hydropower plant	102	Thanh Hoa	2024	Under construction
15	Expanded Ialy hydropower plant	360	Gia Lai	2024	Under construction
16	Dak Mi 1 hydropower plant	84	Kon Tum	2024	Under construction
17	Expanded Hoa Binh hydropower plant	480	Peace	2025	Under construction
18	Expanded Tri An	200	Dong Nai	2027	In progress

No.	Project	Capacity (MW)	Province/City	COD	Note
	hydropower plant				
19	Thanh Son hydropower plant	40	Dong Nai	2026	Adjusting planning
20	My Ly hydropower plant	120	Nghe An	2028	Adjusting investment policy
21	Nam Mo 1 hydropower plant	51	Nghe An	2028	Adjusting investment policy
22	Duc Thanh hydropower plant	40	Binh Phuoc	2026	Under construction
23	La Ngau Hydropower Plant⁴	46	Binh Thuan	2026	
24	Phu Tho low water column⁵	105	Phu-Tho	2026	
25	Cam Thuy 2 hydropower plant	38	Thanh Hoa	2030	Overlapping planning with Cam Hoang Irrigation Lake

6. List of newly built pumped storage hydropower projects

No.	Project	Capacity (MW)	Province/City	COD Year	Note
1	Bac Ai pumped–storage hydropower plant	1,200	Ninh Thuan	2028-2029	
2	Phuoc Hoa pumped– storage hydropower plant	1,200	Ninh Thuan	2029-2030	
3	Other projects	Khanh Hoa, hydropower p of these proje	Dak Nong, e projects. The nu	etc.) proposed Imber, necessi essed based or	u, Quang Tri, Kon Tum, new pumped-storage ty, capacity, and location the needs of the power

7. List of key national power source projects in Decision 270

No.	Power source projects	Capaxity	Note
1	Quang Trach I thermal power plant	2x701.5 MW	

⁴ La Ngau plant included in the revised PDP7 obtained Investment Registration Certificate and Land Use Right Certificate(s). Binh Thuan PPC proposed to remove this project from the planning (Official Letter 21/UBND-KT dated 30 January 2020). The MOIT requested Binh Thuan PPC to address issues mentioned in Official Notification 193/TB-VPCP dated 25 May 2018 (MOIT's Official Letter 1986/BCT-DL dated 20 March 2020).

⁵ Phu Tho PCC proposed to exclude the project from the PDP8 Implementation Plan (Official Letter 4424/UBND-CNXD dated 8 November 2023).

No.	Power source projects	Capaxity	Note
2	LNG Quang Trach II thermal power plant	1,500 MW	
3	Expanded Hoa Binh hydropower plant	2x240 MW	
4	Expanded laly hydropower plant	2x180 MW	
5	Expanded Tri An hydropower plant	200 MW	
6	Bac Ai pumped-storage hydropower plant	1,200 MW	
7	Long Phu I thermal power plant	2x600 MW	
8	Nhon Trach III and Nhon Trach IV thermal power plant	1,624 MW	
9	Hiep LNG thermal power plant phase 1	1,200 MW	
10	LNG Long An 1 thermal power plant	1,500 MW	
11	LNG Long An 2 thermal power plant	1,500 MW	
12	Phuoc Hoa pumped-storage hydropower plant	1,200 MW	

Appendix 2

PDP8 Implementation Provincial Renewable Energy Capacity Allocation

1. Regional offshore wind power capacity allocation

Region	Total installed capacity of offshore wind (MW)
Northern	2,500
North Central Coast	0
Central	500
South Central Coast	2,000
Central Highlands	0
Southern	1,000
Total capacity	6,000

2. Provincial onshore wind power (onshore and nearshore) capacity allocation

No.	Region/Province	Accumulated	Accumulated	Increased capacity
NO.	Region/Province	capacity 2022 (MW)	capacity 2030 (MW)	2023-2030 (MW)
Ι	Northern	0	3,816	3,816
1	Hanoi	0	0	0
2	Hai Phong	0	2,3	2,3
3	Hai Duong	0	0	0
4	Hung Yen	0	0	0
5	Ha Nam	0	0	0
6	Nam Dinh	0	0	0
7	Thai Binh	0	70	70
8	Ninh Binh	0	0	0
9	Ha Giang	0	0	0
10	Cao Bang	0	0	0
11	Lao Cai	0	0	0
12	Bac Kan	0	400	400
13	Lang Son	0	1,444	1,444
14	Tuyen Quang	0	0	0
15	Yen Bai	0	200	200
16	Thai Nguyen	0	100	100
17	Phu-Tho	0	0	0
18	Vinh Phuc	0	0	0
19	Bac Giang	0	500	500
20	Bac Ninh	0	0	0
21	Quang Ninh	0	400	400
22	Lai Chau	0	0	0

No.	Region/Province	Accumulated capacity 2022 (MW)	Accumulated capacity 2030 (MW)	Increased capacity 2023-2030 (MW)
23	Dien Bien	0	300	300
24	Son La	0	400	400
25	Hoa Binh	0	0	0
11	North Central	252	2,200	1,948
1	Thanh Hoa	0	300	300
2	Nghe An	0	70	70
3	Ha Tinh	0	700	700
4	Quang Binh	252	1,130	878
III	Central Central	671	1,900	1,229
1	Quang Tri	671	1,800	1.129
2	Hue	0	50	50
3	City. Danang	0	0	0
4	Quang Nam	0	0	0
5	Quang Ngai	0	50	50
IV	Highlands	1039	4.101	3,062
1	Kon Tum	0	154	154
2	Gia Lai	561	1,842	1,281
3	Dak Lak	428	1,375	947
4	Dak Nong	50	730	680
V	South Central	944	3,065	2.121
1	Binh Dinh	77	250	173
2	Phu Yen	0	462	462
3	Khanh Hoa	0	102	102
4	Ninh Thuan	573	1.127	554
5	Binh Thuan	294	907	613
6	Lam Dong	0	217	217
VI	Southern	1080	6,800	5,720
1	Ho Chi Minh City	0	0	0
2	Binh Phuoc	0	0	0
3	Tay Ninh	0	0	0
4	Binh Duong	0	0	0
5	Dong Nai	0	0	0
6	Ba Ria Vung Tau	0	150	150
7	Long An	0	0	0
8	Dong Thap	0	0	0
9	An Giang	0	50	50
10	Tien Giang	50	250	200
11	Vinh Long	0	0	0
12	Ben Tre	93	1,100	1,007
13	Kien Giang	0	137	137
14	Can Tho City	0	0	0

No.	Region/Province	Accumulated capacity 2022 (MW)	Accumulated capacity 2030 (MW)	Increased capacity 2023-2030 (MW)
15	Hau Giang	0	100	100
16	Tra Vinh	257	1,130	873
17	Soc Trang	111	1,613	1,502
18	Bac Lieu	469	1,210	741
19	Ca Mau	100	1,060	960
	Total	3,986	21,880	17,894

3. Provincial small-scale hydropower source capacity allocation

No.	Region/Province	Accumulated capacity 2022 (MW)	Accumulated capacity 2030 (MW)	Increased capacity 2023-2030 (MW)
Ι	Northern	2,881	5,500	2,619
1	Hanoi	0	0	0
2	Hai Phong City	0	0	0
3	Hai Duong	0	0	0
4	Hung Yen	0	0	0
5	Ha Nam	0	0	0
6	Nam Dinh	0	0	0
7	Thai Binh	0	0	0
8	Ninh Binh	0	0	0
9	Ha Giang	305	562	257
10	Cao Bang	177	298	121
11	Lao Cai	711	940	229
12	Bac Kan	22	74	52
13	Lang Son	35	104	69
14	Tuyen Quang	54	82	28
15	Yen Bai	308	582	274
16	Thai Nguyen	2	2	0
17	Phu Tho	3	3	0
18	Vinh Phuc	0	0	0
19	Bac Giang	0	0	0
20	Bac Ninh	0	0	0
21	Quang Ninh	4	4	0
22	Lai Chau	461.8	1,529	1,055
23	Dien Bien	160	471	311
24	Son La	588	801	213
25	Hoa Binh	38	48	10
П	North Central	412	638	226
1	Thanh Hoa	114	175	61
2	Nghe An	240	303	63
3	Ha Tinh	44	86	42

No.	Region/Province	Accumulated capacity 2022 (MW)	Accumulated capacity 2030 (MW)	Increased capacity 2023-2030 (MW)
4	Quang Binh	14	74	60
III	Central Central	614	1,190	576
1	Quang Tri	104	197	93
2	Hue	118	127	9
3	Danang City	0	0	0
4	Quang Nam	206	407	201
5	Quang Ngai	186	459	273
IV	Highlands	799	1,408	609
1	Kon Tum	288	716	428
2	Gia Lai	281	352	71
3	Dak Lak	104	138	34
4	Dak Nong	126	202	76
V	South Central	511	863	352
1	Binh Dinh	82	155	73
2	Phu Yen	37	74	37
3	Khanh Hoa	35	47	12
4	Lam Dong	255	401	146
5	Ninh Thuan	90	134	44
6	Binh Thuan	12	52	40
VI	Southern	61	141	80
1	Ho Chi Minh City	0	0	0
2	Binh Phuoc	37	73	36
3	Tay Ninh	3	3	0
4	Binh Duong	18	18	0
5	Dong Nai	0	44	44
6	Ba Ria Vung Tau	3	3	0
7	Long An	0	0	0
8	Dong Thap	0	0	0
9	An Giang	0	0	0
10	Tien Giang	0	0	0
11	Vinh Long	0	0	0
12	Ben Tre	0	0	0
13	Kien Giang	0	0	0
14	Can Tho City	0	0	0
15	Hau Giang	0	0	0
16	Tra Vinh	0	0	0
17	Soc Trang	0	0	0
18	Bac Lieu	0	0	0
19	Ca Mau	0	0	0
	Total	5,278	9,740	4,462

4. Provincial biomass capacity allocation

No.	Region/Province	Accumulated capacity 2022 (MW)	Accumulated capacity 2030 (MW)	Increased capacity 2023-2030 (MW)
I	Northern	34	468	434
1	Hanoi	0	0	0
2	Hai Phong City	0	0	0
3	Hai Duong	0	10	10
4	Hung Yen	0	0	0
5	Ha Nam	0	0	0
6	Nam Dinh	0	0	0
7	Thai Binh	0	0	0
8	Ninh Binh	0	0	0
9	Ha Giang	0	0	0
10	Cao Bang	0	0	0
11	Lao Cai	0	30	30
12	Bac Kan	0	50	50
13	Lang Son	0	30	30
14	Tuyen Quang	25	75	50
15	Yen Bai	0	108	108
16	Thai Nguyen	0	10	10
17	Phu Tho	0	20	20
18	Vinh Phuc	0	0	0
19	Bac Giang	0	0	0
20	Bac Ninh	0	0	0
21	Quang Ninh	0	40	40
22	Lai Chau	0	10	10
23	Dien Bien	0	30	30
24	Son La	9	25	16
25	Hoa Binh	0	30	30
Ш	North Central	0	40	40
1	Thanh Hoa	0	10	10
2	Nghe An	0	10	10
3	Ha Tinh	0	10	10
4	Quang Binh	0	10	10
Ш	Central Central	0	6	6
1	Quang Tri	0	0	0
2	Hue	0	0	0
3	Danang City	0	0	0
4	Quang Nam	0	6	6
5	Quang Ngai	0	0	0
IV	Highlands	118	123	5
1	Kon Tum	0	5	5

No.	Region/Province	Accumulated capacity 2022 (MW)	Accumulated capacity 2030 (MW)	Increased capacity 2023-2030 (MW)
2	Gia Lai	118	118	0
3	Dak Lak	0	0	0
4	Dak Nong	0	0	0
V	South Central	121	150	29
1	Binh Dinh	0	0	0
2	Phu Yen	31	60	29
3	Khanh Hoa	90	90	0
4	Lam Dong	0	0	0
5	Ninh Thuan	0	0	0
6	Binh Thuan	0	0	0
VI	Southern	49	301	252
1	Ho Chi Minh City	0	0	0
2	Binh Phuoc	0	15	15
3	Tay Ninh	37	37	0
4	Binh Duong	0	0	0
5	Dong Nai	0	12	12
6	Ba Ria Vung Tau	0	0	0
7	Long An	0	23	23
8	Dong Thap	0	10	10
9	An Giang	0	50	50
10	Tien Giang	0	0	0
11	Vinh Long	0	10	10
12	Ben Tre	0	10	10
13	Kien Giang	0	25	25
14	Can Tho City	0	0	0
15	Hau Giang	0	30	30
16	Tra Vinh	0	25	25
17	Soc Trang	12	20	8
18	Bac Lieu	0	10	10
19	Ca Mau	0	24	24
	Total	322	1,088	766

5. Provincial waste-to-energy capacity allocation

No.	Region/Province	Accumulated capacity 2022 (MW)	Accumulated capacity 2030 (MW)	Increased capacity 2023-2030 (MW)
I	Northern region	62	486	424
1	Hanoi	62	190	128
2	Hai Phong City	0	40	40
3	Hai Duong	0	30	30

No.	Region/Province	Accumulated capacity 2022 (MW)	Accumulated capacity 2030 (MW)	Increased capacity 2023-2030 (MW)
4	Hung Yen	0	0	0
5	Ha Nam	0	0	0
6	Nam Dinh	0	15	15
7	Thai Binh	0	25	25
8	Ninh Binh	0	15	1
9	Ha Giang	0	0	0
10	Cao Bang	0	0	0
11	Lao Cai	0	1	1
12	Bac Kan	0	1	1
13	Lang Son	0	11	11
14	Tuyen Quang	0	0	0
15	Yen Bai	0	0	0
16	Thai Nguyen	0	10	1
17	Phu Tho	0	18	18
18	Vinh Phuc	0	15	15
19	Bac Giang	0	25	25
20	Bac Ninh	0	37	37
21	Quang Ninh	0	30	30
22	Lai Chau	0	0	0
23	Dien Bien	0	3	3
24	Son La	0	7	7
25	Hoa Binh	0	13	13
Π	North Central	0	127	127
1	Thanh Hoa	0	50	50
2	Nghe An	0	30	30
3	Ha Tinh	0	30	30
4	Quang Binh	0	17	17
Ш	Central Central	0	60	60
1	Quang Tri	0	0	0
2	Hue	0	12	12
3	Danang City	0	18	18
4	Quang Nam	0	15	15
5	Quang Ngai	0	15	15
IV	Highlands	0	21	21
1	Kon Tum	0	0	0
2	Gia Lai	0	15	15
3	Dak Lak	0	6	6
4	Dak Nong	0	0	0
v	South Central region	0	66	66
1	Binh Dinh	0	15	15

No.	Region/Province	Accumulated capacity 2022 (MW)	Accumulated capacity 2030 (MW)	Increased capacity 2023-2030 (MW)
2	Phu Yen	0	15	15
3	Khanh Hoa	0	16	16
4	Lam Dong	0	10	10
5	Ninh Thuan	0	0	0
6	Binh Thuan	0	10	10
VI	Southern	8	422.1	414.1
1	Ho Chi Minh City	0	123	123
2	Binh Phuoc	0	20	20
3	Tay Ninh	0	10	10
4	Binh Duong	0	9.6	9.6
5	Dong Nai	0	66	66
6	Ba Ria Vung Tau	0	30	30
7	Long An	0	18	18
8	Dong Thap	0	13	13
9	An Giang	0	7.5	7.5
10	Tien Giang	0	10	10
11	Vinh Long	0	14	14
12	Ben Tre	0	18	18
13	Kien Giang	0	14	14
14	Can Tho City	8	15	7
15	Hau Giang	0	12	12
16	Tra Vinh	0	10	10
17	Soc Trang	0	16	16
18	Bac Lieu	0	0	0
19	Ca Mau	0	16	16
	Total	70	1.182	1.112

6. Provincial rooftop solar power capacity allocation

No.	Region/Province	Capacity increased for the period of 2023-2030 (MW)
I	Northern region	927
1	Hanoi	47
2	Hai Phong City	107
3	Hai Duong	70
4	Hung Yen	62
5	Ha Nam	57
6	Nam Dinh	31
7	Thai Binh	32
8	Ninh Binh	23
9	Ha Giang	3

No.	Region/Province	Capacity increased for the period of 2023-2030 (MW)
10	Cao Bang	2
11	Lao Cai	28
12	Bac Kan	3
13	Lang Son	25
14	Tuyen Quang	4
15	Yen Bai	26
16	Thai Nguyen	52
17	Phu Tho	31
18	Vinh Phuc	59
19	Bac Giang	86
20	Bac Ninh	79
21	Quang Ninh	73
22	Lai Chau	2
23	Dien Bien	1
24	Son La	5
25	Hoa Binh	19
П	North Central	231
1	Thanh Hoa	75
2	Nghe An	54
3	Ha Tinh	74
4	Quang Binh	28
111	Central Central	168
1	Quang Tri	23
2	Hue	33
3	Danang City	30
4	Quang Nam	43
5	Quang Ngai	39
IV	Highlands	32
1	Kon Tum	7
2	Gia Lai	8
3	Dak Lak	8
4	Dak Nong	9
V	South Central region	136
1	Binh Dinh	38
2	Phu Yen	18
3	Khanh Hoa	14
4	Lam Dong	21
5	Ninh Thuan	38
6	Binh Thuan	7
VI	Southern	1.109
1	Ho Chi Minh City	73

Na		Capacity increased for the period of			
No.	Region/Province	2023-2030 (MW)			
2	Binh Phuoc	93			
3	Tay Ninh	53			
4	Binh Duong	185			
5	Dong Nai	229			
6	Ba Ria Vung Tau	133			
7	Long An	153			
8	Dong Thap	16			
9	An Giang	11			
10	Tien Giang	22			
11	Vinh Long	16			
12	Ben Tre	17			
13	Kien Giang	10			
14	Can Tho City	29			
15	Hau Giang	28			
16	Tra Vinh	10			
17	Soc Trang	14			
18	Bac Lieu	2			
19	Ca Mau	15			
	Total	2,600			

Appendix 3

PDP8 Implementation Plan Provincial Renewable Energy Projects for Development by 2030

1. List of newly built battery storage projects

No.	Project	Capacity (MW)	COD year	Note
1	50 MW battery storage project	50	2023-2030	According to
2	7 MW battery storage project integrated into 50 MW solar farm	7	2023-2030	Decision 1009/QD- TTg dated 31 August2023
	105 MW battery storage project integrated into 400 MW solar farm	105	2023-2030	
4	Other battery storage projects	138	2023-2030	

2. List of onshore wind power projects (in land and nearshore)

No.	Project	Capacity (MW)	COD year	Note
	Dien Bien Province	300		
1	BCG Dien Bien 1 wind power plant	175	2026-2030	
2	Envision Nam Po wind power plant	125	2026-2030	
	Bac Kan province	400		
1	Cho Moi 2 wind power plant	130	2026-2030	
2	Ngan Son wind power plant	150	2026-2030	
3	Thien Long Cho Moi wind power plant	120	2026-2030	
	Yen Bai Province	200		
1	Nam Bung wind power plant	200	2026-2030	
	Bac Giang province	500		
1	Bac Giang 1 wind power plant	55	2026-2030	
2	Bac Giang 2 wind power plant	55	2026-2030	
3	Cam Ly wind power plant	55	2026-2030	
4	Gio Tan Son Wind Power Plant	50	2026-2030	
5	Luc Ngan wind power plant	30	2026-2030	
6	SD Son Dong wind power plant	105	2026-2030	
7	Yen Dung wind power plant	150	2026-2030	

No.	Project	Capacity (MW)	COD year	Note
	Lang Son Province	1,444		
1	Ai Quoc wind power plant	100	2026-2030	
2	Binh Gia wind power plant	80	2026-2030	
3	Cao Loc wind power plant	55	2026-2030	
4	Cao Loc 3 wind power plant	69	2026-2030	
5	Chi Lang wind power plant	100	2026-2030	
6	Cao Loc 1 wind power plant	50	2026-2030	
7	Cao Loc 1.1 wind power plant	50	2026-2030	
8	Dinh Lap wind power plant	100	2026-2030	
9	Dinh Lap 1 wind power plant	50	2026-2030	
10	Dinh Lap 1.1 wind power plant	50	2026-2030	
11	Dinh Lap 4 wind power plant	90	2026-2030	
12	Dinh Lap 5 wind power plant	100	2026-2030	
13	Van Quan 1 wind power plant	50	2026-2030	
14	Huu Kien wind power plant	90	2026-2030	
15	Loc Binh wind power plant	60	2026-2030	
16	Loc Binh - Pharbaco wind power plant	50	2026-2030	
17	Loc Binh 1 wind power plant	50	2026-2030	
18	Loc Binh 3 wind power plant	60	2026-2030	
19	Mau Son Wind Power Plant	30	2026-2030	
20	Thang Long 3 wind power plant	50	2026-2030	
21	Van Lang 1 wind power plant	80	2026-2030	
22	Van Quan wind power plant	30	2026-2030	
	Thai Binh Province	70		
1	Tien Hai – Thai Binh wind power plant	70	2026-2030	
	Thanh Hoa province	300		
1	Bac Phuong - Nghi Son wind power plant	100	2026-2030	
2	Muong Lat wind power plant	200	2026-2030	

No.	Project	Capacity (MW)	COD year	Note
	Nghe An province	70		
1	Nam Dan wind power plant	70	2026-2030	
	Ha Tinh province	350		
1	HBRE Ha Tinh wind power farm	120	2023-2025	
2	Cam Xuyen 1 wind power plant	70	2024-2025	
3	Ky Khang wind power plant - phase 1	60	2026-2030	
4	Cam Xuyen 2 wind power plant	100	2026-2030	
	Dak Lak Province	870		
1	Cu Ne 1 wind power plant	50	2023-2025	18 wind turbines have been implemented, expected to operate in 2024
2	Cu Ne 2 wind power plant	50	2023-2025	Expected operation in 2025
3	Krong Buk 1 wind power plant	50	2023-2025	18 wind turbines have been implemented, expected to operate in 2024
4	Krong Buk 2 wind power plant	50	2023-2025	18 wind turbines have been implemented, expected to operate in 2024
5	Buon Ho 1 wind power plant	20	2023-2025	
6	Buon Ho 2 wind power plant	20	2023-2025	
7	Buon Ho 3 wind power plant	15	2023-2025	
8	Cu M'Gar 2 wind power plant	10	2023-2025	
9	Ea H'Leo 3 Wind Power Plant (Cu M'Gar)	10	2023-2025	
10	Ea H'Leo 4 Wind Power Plant (Cu M'Gar - Buon Ho)	10	2023-2025	
11	Easin 1 wind power plant	100	2026-2030	
12	Krongbuk 3 wind power plant	100	2026-2030	
13	Thuan Phong Dak Lak wind power plant	100	2026-2030	

No.	Project	Capacity (MW)	COD year	Note
14	Tan Lap - Ea Ho wind power plant	50	2026-2030	
15	Cu Pong 1,2 wind power plant	80	2026-2030	
16	Krong Nang 1.1; 1.2 wind power plant	80	2026-2030	
17	NT 1; NT 2 wind power plant	75	2026-2030	
	Lam Dong Province	118.9		
1	Cau Dat wind power plant	68.9	2023-2025	Construction completed
2	Duc Trong wind power plant	50	2026-2030	
	Ninh Thuan Province	553.7		
1	Phuoc Huu wind power plant	50	2023-2025	
2	Vietnam Power No. 1wind power plant	30	2023-2025	
3	Cong Hai 1 wind power plant - phase 2	25	2023-2025	
4	Cong Hai wind power plant 1- phase	3	2023-2025	
5	Phuoc Nam - Enfinity - Ninh Thuan renewable energy plent	65	2023-2025	
6	Dam Nai 3 wind power plant	39.4	2023-2025	
7	Dam Nai 4 wind power plant	27.6	2023-2025	
8	Expanded BIM wind power plant phase 2	50	2023-2025	
9	7A wind power plant phase 2	21	2023-2025	
10	Phuoc Dan wind power plant	45	2023-2025	
11	Bau Ngu Lake wind power plant	25.2	2023-2025	
12	Tri Hai wind power plant	79.5	2023-2025	
13	Part of Hanbaram wind power plant's Capacity	93	2026-2030	
	Phu Yen Province	298		
1	HBRE An Tho wind power farm phase 1	200	2023-2025	
2	Song Cau green wind power plant phase 1	50	2023-2025	
3	Xanh Nam Viet wind power plant	48	2023-2025	
	Binh Dinh	30		
1	Nhon Hoi wind power plant phase 2	30	2023-2025	Operational

No.	Project	Capacity (MW)	COD year	Note
	Ba Ria Vung Tau Province	150		
1	Xuyen Moc nearshore wind power plant phase 2	47	2026-2030	
2	Cong Ly Ba Ria - Vung Tau wind power plant phase 1	103	2026-2030	
	Ben Tre Province	713.5		
1	VPL wind power plant	4.2	2023-2025	
2	Binh Dai wind power plant	25.8	2023-2025	
3	Binh Dai wind power plant No. 2	49	2023-2025	
4	Binh Dai No. 3 wind power plant	49	2023-2025	
5	Thanh Phong wind power plant	29.7	2023-2025	
6	Sunpro wind power plant	30	2023-2025	Completed 07 towers/29.4 MW
7	No. 5 Ben Tre wind power plant phase 2 (Thanh Hai 2,3,4 wind power plant)	85.8	2023-2025	Completed 21 towers/90 MW; 4.25 MW connected to the grid, expected to generate 85.75 MW of electricity in 2024
8	VPL wind power plant (Phase 2)	30	2023-2025	Planned to be operational in 2025
9	Nexif Energy Ben Tre wind power plant	30	2023-2025	Investment policy decision obtained
10	Nexif Ben Tre wind power plant phases 2 and 3	50	2023-2025	Investment policy decision obtained
11	Thien Phu 2 wind power plant	30	2023-2025	Investment policy decision obtained
12	Thien Phu wind power plant	30	2023-2025	Investment policy decision c
13	Thanh Phu wind power plant	120	2023-2025	Investment policy decision obtained
14	Bao Thanh wind power plant	50	2023-2025	Investment policy decision obtained
15	No. 19 Wind power plant	50	2023-2025	Investment policy decision obtained
16	No. 20 Wind power plant	50	2023-2025	Investment policy decision obtained
	Bac Lieu Province	741		

No.	Project	Capacity (MW)	COD year	Note
1	Bac Lieu – Nhat Ban wind power plant	50	2023-2025	
2	Bac Lieu wind power plant phase III	141	2023-2025	
3	Hoa Binh 3 wind power plant	50	2026-2030	
4	Hoa Binh 2-1 wind power plant	50	2026-2030	
5	Hoa Binh 4 wind power plant	50	2026-2030	
6	Hoa Binh 6 wind power plant	40	2026-2030	
7	Hoa Binh 8 wind power plant	50	2026-2030	
8	Hoa Binh wind power plant 5.1	80	2026-2030	
9	Dong Hai 1 wind power plant - phase 3	50	2026-2030	
10	Dong Hai 13 wind power plant	100	2026-2030	
11	Dong Hai 3 wind power plant - phase 1	50	2026-2030	
12	Dong Hai 6 wind power plant	30	2026-2030	
	Tien Giang Province	200		
1	Tan Thanh wind power plant	100	2026-2030	
2	Tan Phu Dong 1 wind power plant	100	2026-2030	
	Tra Vinh province	872.5		
1	Hiep Thanh wind power plant	64.5	2023-2025	COD
2	Duyen Hai wind power plant	48	2023-2025	Under selection of EPC contractor
3	Dong Thanh 1 wind power plant	80	2023-2025	Under construction
4	Dong Thanh 2 wind power plant	120	2023-2025	Under construction
5	Thang Long wind power plant	96	2023-2025	Investment policy decision obtained
4	Dong Hai 3 Wind Power Plant (location V3-3)	48	2026-2030	
8	Expanded V1-2 wind power plant	48	2026-2030	
9	Wind power plant V1-3 phase 2	48	2023-2025	
3	V1-5 and V1-6 wind power plants phase 2	80	2023-2025	
3	Duyen Hai 2 wind power plant	96	2026-2030	
6	Wind power plant No. 3 (location V3-8)	48	2026-2030	
7	1 -1 Tra Vinh wind power plant phase 2	48	2023-2025	

No.	Project	Capacity (MW)	COD year	Note
5	Long Vinh wind power plant	48	2026-2030	
	Soc Trang Province	733.2		
1	Hoa Dong 2 wind power plant	45.6		Operational
2	Lac Hoa 2 wind power plant	123.6		Operational
3	Lac Hoa wind power plant - phase 1	5		Operational
4	Lac Hoa 2 wind power plant	6.4	2024	
5	Lac Hoa wind power plant	30	2024	Construction completed
6	Hoa Dong wind power plant	30	2024	Construction completed
7	Cong Ly wind power plant phase 1	30	2024	Construction completed
8	No. 3 wind power plant	29.4	2024	Construction completed
9	No. 2 wind power plant	30	2025	Under construction
10	No. 18 wind power plant	22.4	2025	
11	No. 7 wind power plant No. 7 phase 2	90	2025	
12	No. 11 wind power plant	100.8	2026-2030	
13	Tran De wind power plant	50	2026-2030	
14	Song Hau wind power plant	50	2026-2030	
15	Soc Trang 16 wind power plant	40	2026-2030	
16	BCG Soc Trang 1 wind power plant	50	2026-2030	
	An Giang province	50		
1	JR An Giang wind power plant	50	2026-2030	
	Ca Mau Province	900		
1	45 MW Tan An wind power plant	75	2023-2025	45 MW has been Operational and another 30 MW is under construction
2	Vien An wind power plant	50	2023-2025	25 MW has been Operational, and another 25 MW is under construction
3	Ca Mau 1A wind power plant	88	2023-2025	Under construction
4	Ca Mau 1B wind power plant	88	2023-2025	Under construction

No.	Project	Capacity (MW)	COD year	Note
5	Wind power plant in Khai Long tourist area - Ca Mau phase 1	100	2023-2025	
6	Tan Thuan wind power plant phase 3	25	2023-2025	
7	An Dong 1 wind power plant	50	2023-2025	
8	Khanh Binh Tay wind power plant	50	2023-2025	
9	Khai Long Wind Power Plant Phase 2	100	2023-2025	
10	Ca Mau 1C wind power plant	88	2026-2030	Under appraisal of technical design
11	Ca Mau 1D wind power plant	86	2026-2030	Under appraisal of technical design
12	Khai Long wind power plant Phase 3	100	2026-2030	
	Hau Giang province	100		
1	Long My 1 wind power plant	100	2023-2025	
	Kien Giang Province	137		
1	Hon Dat 1 wind power plant	77	2026-2030	
2	Kien Luong 1 wind power plant	60	2026-2030	

3. List of s newly built mall-scale hydropower projects

No.	Project	Capacity (MW)	COD year	Note
	Bac Kan province	47.3		
1	Khuoi Thoc hydropower plant	3	2025	
2	Khuoi Noc 2 hydropower plant	4.2	2025	
3	Thac Gieng 2 hydropower plant	4	2026-2030	
4	Khuoi Noc hydropower plant	6.6	2026-2030	
5	Kim Lu hydropower plant	9	2026-2030	
6	Nam Cat 2 Hydropower Plant	5	2026-2030	
7	My Thanh hydropower plant	5	2026-2030	
8	Cong Bang hydropower plant	4	2026-2030	
9	Pac Nam hydropower plant	6.5	2026-2030	
	Pacify the province	49.9		
1	Dong Mit hydropower plant	7	2023	Operational

No.	Project	Capacity (MW)	COD year	Note
2	Nuoc Luong hydroelectric power plant	22	2024	
3	Vinh Son 4 hydropower plant	18	2025	
4	Downstream of Phu Phong Weir	2.9	2025	
	Binh Phuoc	36.1		
1	Dak Kar hydropower plant	12	2023	
2	Long Ha hydropower plant	20.1	2026-2030	
3	Dam' Lo hydropower power plant	4	2026-2030	
	Cao Bang Province	121		
1	Pac Khuoi hydropower plant	7	2024	
2	Khuoi Luong hydropower plant	4.4	2024	
3	Hong Nam hydropower plant	24	2025	
4	Bao Lac A hydropower plant	30	2026-2030	
5	Thuong Ha hydropower plant	13	2026-2030	
6	Ban Nga hydropower plant	24	2026-2030	
7	Ban Rien hydropower plant	18.6	2026-2030	
	Dak Lak Province	10.6		
1	Ea Tih hydropower plant	8.6	2025	
2	Hydropower plant behind Krong Buk Ha lake irrigation dam	2	2026-2030	
	Dak Nong Province	8.8		
1	Dak Sor 4 hydropower plant	8.8	2023-2030	
	Dien Bien Province	116.5		
1	Huoi Chan 1 hydropower plant	15	2023	Operational
2	De Bau hydropower plant	6	2023	Operational
3	Muong Muon hydropower plant	22	2024	
4	Phi Linh hydropower plant	18	2024	
5	Muong Luan 2 hydropower plant	10	2024	
6	Muong Tung hydropower plant	13	2024	
7	Nam Nua 2 hydropower plant	7.5	2025	

No.	Project	Capacity (MW)	COD year	Note
8	Chieng So 2 hydropower plant	16	2025	
9	Nam He Thuong 2 hydropower plant	9	2026-2030	
	Dong Nai province	44		
1	Phu Tan 1 Hydropower Plant	28	2026-2030	
2	Thac Troi hydropower plant	16	2026-2030	
	Ha Tinh province	6.5		
1	Irrigation combined Song Rac hydropower plant	1.7	2026-2030	
2	Vu Quang hydropower plant	4.8	2026-2030	
	Kon Tum province	358.5		
1	Bo Ko 2 hydropower plant	12.6	2023	Operational
2	Dak Robaye hydropower plant	10	2024	
3	Nam Vao 2 hydropower plant	8.6	2024	
4	Dak Psi hydropower plant (2.4 MW sub- reservoir)	2,4	2024	
5	Dak Mi 1A hydropower plant	11	2024	
6	Dak Psi 1 hydropower plant	4	2024	
7	Nuoc Long 1 Hydropower plant	3.2	2024	
8	Nuoc Long 2 hydropower plant	6.4	2024	
9	Dak Nghe hydropower plant	7	2024	
10	Bo Ko 1 hydropower plant	6	2024	
11	Ngoc Tem hydropower plant	7.5	2024	
12	Thuong Nam Vao hydropower plant	9.8	2025	
13	Dak Mi 1B hydropower plant	6	2025	
14	Dak Po Co 1 hydropower plant	11	2025	
15	Dak Mek 3 hydropower plant	7.5	2025	
16	Dak Lo 4 hydropower plant	10	2025	
17	Dak Lo 1 hydropower plant	12	2025	
18	Dak Lo 3 hydropower plant	22	2025	

No.	Project	Capacity (MW)	COD year	Note
19	Plei Kan Ha hydropower plant	13	2025	
20	Dak Pru 3 hydropower plant	5	2025	
21	Dak Re Thuong Hydropower plant	14	2025	
22	Dak Roong Hydropower plant	5	2025	
23	Dak Pone hydropower plant (reservoir B plant)	1.6	2025	
24	Dak Krin hydropower plant	7.4	2025	
25	Nam Vao 1 Hydropower Plant	10	2025	
26	Dak Ruoi 2 hydropower plant	14	2026-2030	
27	Dak Ruoi 3 hydropower plant	3	2026-2030	
28	Ngoc Linh 1 hydropower plant	4	2026-2030	
29	Ngoc Linh 2 hydropower plant	7.8	2026-2030	
30	Ngoc Linh 3 hydropower plant	8.2	2026-2030	
31	Dak Pek hydropower plant	10.2	2026-2030	
32	Thuong Dak Psi 1 hydropower plant	7.2	2026-2030	
33	Tan Lap hydropower plant	5.2	2026-2030	
34	Nuoc Tre hydropower plant	12.8	2026-2030	
35	Sa Thay 1 hydropower plant	9.5	2026-2030	
36	Sa Thay 2 hydropower plant	11.2	2026-2030	
37	Sa Thay 3 hydropower plant	10.5	2026-2030	
38	Dak Bla 3 hydroelectric power plant	8.6	2026-2030	
39	Dak Su 2 hydropower plant	7.2	2026-2030	
40	Dak Toa Hydropower plant	5	2026-2030	
41	Dak Po Ne 4 Hydropower Plant	6	2026-2030	
42	Dak Glei Hydropower plant	10.6	2026-2030	
43	Dak Piu 1 hydropower plant	4.5	2026-2030	
	Lai Chau province	1,056.85		
1	Pa Ha hydropower plant	28	2023	Operational
2	Pa Tan 2 hydropower plant	20	2023	Operational

No.	Project	Capacity (MW)	COD year	Note
3	Nam Lan hydropower plant	15	2023	Operational
4	Nam Lum 2 hydropower plant	18	2023	Operational
5	Nam Nghe 1A hydropower plant	10	2023	Operational
6	Nam Xe hydropower plant	20	2023	Operational
7	Chu Va 2 hydroelectric power plant	12	2023	Operational
8	Chang Phang hydropower plant	5	2023	Operational
9	Suoi Linh hydropower plant	5.2	2023	Operational
10	Huoi Van hydropower plant	8	2024	
11	Nam Xi Lung 2 hydropower plant	29	2024	
12	Kho Ha Hydropower Plant	22	2024	
13	Nam Cau 1 hydropower plant	13	2024	
14	Nam Cau Thuong hydropower plant	7	2024	
15	Nam Cum hydropower plant	7	2024	
16	Nam Bum 1A hydropower plant	9.5	2024	
17	Nam Cuoi 1 hydropower plant	19	2024	
18	Nam Cuoi hydropower plant	11	2024	
19	Nam Pi hydropower plant	10	2024	
20	Nam Pang 2 hydropower plant	11	2024	
21	Nam Chan hydropower plant	7.8	2024	
22	Nam Xe 2 hydropower plant	8	2024	
23	Nam Xe 2A hydropower plant	10	2024	
24	Vang Ma Chai 2 hydropower plant	19	2024	
25	Nam Dich 2 hydropower plant	9	2024	
26	Nam Mit Luong hydropower plant	6.8	2024	
27	Hua Be hydropower plant	10	2024	
28	Nam Be 2 hydropower plant	10	2024	
29	Muong Mit hydropower plant	11	2024	
30	Muong Kim 3 hydropower plant	18.5	2024	
31	Ta Pao Ho hydropower plant	10	2024	
32	Nam Cau hydropower plant	29.6	2024	

No.	Project	Capacity (MW)	COD year	Note
33	Nam Luong hydropower plant	21.5	2024	
34	Dong Pao hydropower plant	7.6	2024	
35	Pa Tan 1 hydropower plant	8	2024	
36	Ho Mit hydropower plant	5	2024	
37	Ta Pao Ho 1A hydropower plant	13.5	2024	
38	Nam Han hydropower plant	8	2024	
39	Nam Xi Lung 1B hydropower plant	11	2024	
40	La Si 1 hydropower plant	11	2024	
41	Tho Ma hydropower plant	6	2024	
42	Nam Puc hydropower plant	6	2024	
43	Ta Pao Ho 2 hydropower plant	5	2024	
44	Nam Chan 1 hydropower plant	5	2024	
45	Suoi Ngang hydropower plant	12	2024	
46	La Po hydropower plant	22	2024	
47	Chu Va 2A hydropower plant	8	2024	
48	Phieng Khon hydropower plant	18	2024	
49	Kha U 2 hydropower plant	15.5	2024	
50	Nam Open 1A Hydropower Plant	30	2024	
51	Chu Va 12 hydropower plant (expansion)	1.8	2025	
52	Nam Xi Lung 2A hydropower plant	29.65	2025	
53	Tho Gu hydropower plant	30	2025	
54	Tho Gu 1 hydropower plant	10.2	2025	
55	Na An hydropower plant	10.2	2025	
56	Nam Ma 3 hydropower plant	11.5	2025	
57	Ta Pao Ho 1B hydropower plant	10.5	2025	
58	Vang Ma Chai 3 Hydropower plant	21	2025	
59	Nam Xi Lung 1A hydropower plant	7.8	2025	

No.	Project	Capacity (MW)	COD year	Note
60	Nam Han 1 Hydropower Plant	18	2025	
61	Nam Bon 1 hydropower plant	10	2025	
62	Nam Cuoi 1A hydropower plant	7	2025	
63	Nam Cuoi 1B hydropower plant	7.5	2025	
64	Nam Cum 7 hydropower plant	6.5	2025	
65	Nam Ma 1A hydropower plant	16.6	2025	
66	Nam Ma 1B hydropower plant	14	2025	
67	Nam Ma 1C hydropower plant	10.5	2025	
68	Nam Ma 2A hydropower plant	11.5	2025	
69	Nam Ma 2B hydropower plant	13.8	2025	
70	Nam Cha 1 hydropower plant	24	2025	
71	Nam Cha 2 hydropower plant	4.4	2025	
72	Nam Cay hydropower plant	15	2025	
73	Pa Vay Su 1 hydropower plant	8.5	2025	
74	Nam Lon hydropower plant	10	2025	
75	Nam Mo 2 hydropower plant	17	2025	
76	Nam Lung hydropower plant (expansion)	5.4	2026-2030	
77	Nung Than 1 hydropower plant	30	2026-2030	
78	La Si 1A hydropower plant	28	2026-2030	
79	Nam Nga hydropower plant	24	2026-2030	
	Lang Son Province	68.8		
1	Ban Lai hydropower plant	7	2023	Operational
2	Ban Nhung hydropower plant	13	2024	
3	Trang Dinh 2 hydropower plant	29.8	2026-2030	
4	Bac Giang Hydropower Plant (Vang Puoc)	14	2026-2030	
5	Deo Khach hydropower plant	5	2026-2030	
	Lao Cai Province	223.5		
1	Bao Nhai hydropower plant level 1	14	2024	

No.	Project	Capacity (MW)	COD year	Note
	belongs to Bao Nhai hydropower plant			
2	May Ho hydropower plant	6.5	2024	
3	Nam Tha Ha hydropower plant	6	2025	
4	Nam Lock 1-2 hydropower plant	15	2025	
5	Si Ma Cai hydropower plant	18	2025	
6	Nam Trung Ho 1 hydropower plant	20	2025	
7	Xuan Hoa hydropower plant	3.2	2026-2030	
8	Mong Sen 1 hydropower plant	4.5	2026-2030	
9	Ban Me hydropower plant	5	2026-2030	
10	Ngoi Nhu 1A hydropower plant	6	2026-2030	
11	Suoi Chan hydropower plant	6.8	2026-2030	
12	Nam Cang 1A hydropower plant	10	2026-2030	
13	Ta Loi 1 hydropower plant	15	2026-2030	
14	Yen Ha hydropower plant	13	2026-2030	
15	Lan Bo hydropower plant	7.6	2026-2030	
16	Viet Tien hydropower plant	7	2026-2030	
17	Phi hydropower plant	6	2026-2030	
18	Sang Ma Sao hydropower plant	12.5	2026-2030	
19	Hom Duoi hydropower plant	18	2026-2030	
20	Expanded Nam Ho hydropower plant	2	2026-2030	
21	Expanded Coc Dam hydropower plant	2,3	2026-2030	
22	Expanded Nam Mu hydropower plant	5	2026-2030	
23	Expanded Nam Pung hydropower plant	3.1	2026-2030	
24	Expanded Suoi Chan 2 hydropower plant	8	2026-2030	
25	Vo Lao hydropower plant	9	2026-2030	
	Lam Dong Province	96.2		
1	Da Chomo hydropower plant	9	2023	Operational
2	Dai Binh hydropower plant	15	2023	Operational
3	Da Sar hydropower plant	12	2023	Operational

No.	Project	Capacity (MW)	COD year	Note
4	Da Br'Len Hydropower plant	6.2	2024	
5	Tan Thuong hydropower plant	22	2025	
6	Cam Ly hydropower plant	12	2025	
7	Bao Lam hydropower plant	10	2026-2030	
8	Da Huoai 2 hydropower plant	10	2026-2030	
	Ninh Thuan Province	40		
1	Phuoc Hoa hydropower plant	22	2026-2030	
2	Thuong Song Ong 2 hydropower plant	7	2026-2030	
3	Lam Son hydropower plant	11	2026-2030	
	Nghe An province	57.8		
1	Chau Thon Hydropower plant	29.8	2024	
2	Thong Thu hydropower plant	28	2026-2030	
	Phu Yen Province	36		
1	Khe Cach Hydropower plant	12	2026-2030	
2	Son Hoa 1 hydropower plant	10	2026-2030	
3	Son Hoa 2 hydropower plant	14	2026-2030	
	Quang Binh Province	42		
1	Kim Hoa hydropower plant	22	2024	
2	La Trong hydropower plant	20	2026-2030	
	Quang Ngai province	210.4		
1	Thach Nham hydropower plant (Irrigation combined with hydropower)	10	2024	
2	Tra Phong hydropower plant (Tra Phong 1A: 19MW; Tra Phong 1B: 11 MW)	30	2024	
3	Song Lien 1 hydropower plant	15	2024	
4	Ba Vi hydropower plant	9	2025	
5	Tra Khuc 1 hydropower plant	30	2025	
6	Tra Khuc 2 hydropower plant	30	2025	
7	Song Lien 2 hydropower plant	12	2025	

No.	Project	Capacity (MW)	COD year	Note
8	Dakdrinh 2 hydropower plant	21	2026-2030	
9	Tay Tra 1 hydropower plant	10	2026-2030	
10	Tay Tra 2 hydropower plant	9	2026-2030	
11	Tay Tra 3 hydropower plant	10	2026-2030	
12	Long Son hydropower plant	10.6	2026-2030	
13	Son Linh hydropower plant	7	2026-2030	
14	Son Nham hydropower plant	6.8	2026-2030	
	Thua Thien Hue province	9		
1	Ho Truoi hydropower plant	6	2026-2030	
2	Song Bo 1 Hydropower Plant	3	2026-2030	
	Tuyen Quang Province	27.2		
1	Hung Loi 1 hydropower plant	8	2026-2030	
2	Hung Loi 2 hydropower plant	3.5	2026-2030	
3	Thac Giom hydropower plant	5.4	2026-2030	
4	Hung Loi 3 hydropower plant	3.3	2026-2030	
5	Suoi Ba 2 hydropower plant	4	2026-2030	
6	Khuan Co hydropower plant	3	2026-2030	
	Thanh Hoa province	46.5		
1	Song Am hydropower plant	14	2026-2030	
2	Ten Tan hydropower plant	12	2026-2030	
3	Xuan Khao hydropower plant	7.5	2026-2030	
4	Muong Min Hydropower plant	13	2026-2030	
	Yen Bai Province	274.1		
1	Chi Lu hydropower plant	15	2023	Operational
2	Thao Sa Chai hydropower plant	6.5	2023	Operational
3	Hanh Phuc Hydropower plant	7	2024	
4	Mi Hang Tau hydropower plant	4,6	2024	
5	Nam Tang 3 hydropower plant	17.5	2024	

No.	Project	Capacity (MW)	COD year	Note
6	De Dinh Mao hydropower plant	22	2024	
7	Thac Ba 2 hydropower plant	18.9	2025	
8	Phin Ho 2 hydroelectric power plant	10	2025	
9	Nam Tuc hydropower plant level 1	21	2025	
10	Ban Liu hydropower plant	3	2026-2030	
11	Chan Thinh hydropower plant	10	2026-2030	
12	Tan Linh hydropower plant	22	2026-2030	
13	Ngoi Hut 8 hydroelectric power plant	11	2026-2030	
14	Nam Puoi hydropower plant	15	2026-2030	
15	Anti Khua Hydropower plant	9.5	2026-2030	
16	Nha Trang hydropower plant	2.6	2026-2030	
17	Dong Ngai hydropower plant	9	2026-2030	
18	Ho Bon 2 hydropower plant	5	2026-2030	
19	Phong Du Ha hydropower plant	16	2026-2030	
20	Phong Du Thuong hydropower plant	22	2026-2030	
21	Dao Sa hydropower plant	15.5	2026-2030	
22	Nam Bung hydropower plant	11	2026-2030	

4. List of newly built biomass power projects

No.	Project	Capacity (MW)	COD year	Note
	Ca Mau Province	24		
1	Khanh An biomass power plant	24	2026-2030	
	Lang Son Province	30		
1	Bac Son biomass power plant	12	2026-2030	
2	Lang Son biomass power plant	18	2026-2030	
	Yen Bai Province	108		
1	Yen Bai 1 biomass power plant	50	2026-2030	
2	Truong Minh biomass power plant	58	2026-2030	

No.	Project	Capacity (MW)	COD year	Note
	Tuyen Quang Province	50		
1	Tuyen Quang biomass power plant	50	2023-2030	
	Nghe An province	10		
1	Quy Hop biomass power plant	10	2026-2030	
	Ha Tinh province	5		
1	Hung Anh biomass power plant	5	2026-2030	
	Binh Phuoc	10		
1	Binh Phuoc biomass power plant	10	2026-2030	
	Dong Nai province	12		
1	Ajinomoto Bien Hoa biomass power plant	12	2026-2030	
	Vinh Long province	10		
1	Biomass power plant	10	2026-2030	
	Ben Tre Province	10		
1	Ben Tre biomass power plant	10	2026-2030	
	Hau Giang province	30		
1	Hau Giang biomass power plant	20	2026-2030	
2	Hau Giang rice husk power plant	10	2026-2030	

5. List of newly built waste-to-energy projects

No.	Project	Capacity (MW)	COD year	Note
	Bac Ninh province	36.7		
1	Investment project to build an industrial waste and domestic solid waste treatment complex	6.1		Operational
2	Investment project to build a high-tech domestic solid waste treatment plant that generates energy	11.6		Operational
3	Investment project to build a high-tech domestic solid waste treatment plant that generates energy	13		Operational
4	Project of domestic solid waste treatment	6		Operational

No.	Project	Capacity (MW)	COD year	Note
	area focusing on electricity generation			
	Lang Son Province	11		
1	Lang Son waste-to-energy plant	11	2026-2030	
	Nam Dinh	15		
1	Greenity Nam Dinh waste-to-energy plant	15	2023-2025	Under construction
	Hai Phong city	40		
1	Household solid waste treatment plant using waste incineration technology to generate electricity	20	2026-2030	Tran Duong commune
2	Domestic solid waste treatment plant using Dinh Vu waste incineration technology, phase 1	20	2026-2030	
	Thanh Hoa province	18		
1	Thanh Hoa household waste treatment plant generates electricity	18	2026-2030	
	Ha Tinh province	30		
1	Waste treatment and electricity generation plant	30	2026-2030	Hong Loc commune, Loc Ha district, Ha Tinh province
	Phu Yen Province	15		
1	Trung An household waste treatment and electricity generation plant	15	2026-2030	
	Binh Phuoc	15		
1	Tan Hung Hon Quan waste power plant	15	2026-2030	
	Dong Nai province	66		
1	Vinh Tan waste-to-energy plant - phase 1	20	2026-2030	
2	Quang Trung waste-to-energy plant	7.5	2026-2030	
3	W2E Dong Nai waste-to-energy plant - phase 1	20	2026-2030	
4	Dinh Quan waste-to-energy plant - phase 1	18.5	2026-2030	
	Ba Ria Vung Tau Province	30		
1	Ba Ria - Vung Tau waste-to-energy plant	5	2026-2030	
2	Toc Tien 02 waste-to-energy plant	20	2026-2030	
3	Toc Tien waste-to-energy plant	5	2026-2030	Investment policy

No.	Project	Capacity (MW)	COD year	Note
				decision obtained
	Soc Trang Province	16		
1	The plant generates electricity from solid waste	16	2026-2030	
	Ben Tre Province	15		
1	Solid waste incineration plant to generate electricity	15	2026-2030	
	Tien Giang Province	10		
1	Tien Giang waste-to-energy plant	10	2026-2030	
	Vinh Long province	14		
1	Waste incineration plant generates electricity	14	2026-2030	Generate electricity using solid waste
	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	16		
1	Ca Mau city 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	

6. Solar power projects to be considered after 2030 (be permitted to be developed in the planning period in the form of self-consumption)

	Projects	Province	Installed capacity yet to be put into operation (MW)
1	An Cu solar power plant	An Giang	40
2	Hong Liem 6.1 solar power plant	Binh Thuan	40
3	Ayun Pa solar power plant	Gia Lai	20
4	Ninh Sim solar power plant	Khanh Hoa	32
5	Is Rsuom – Bitexco – Tona solar power plant	Gia Lai	11.84
6	Dam An Khe solar power plant	Quang Ngai	40
7	Dam Nuoc Man solar power plant		40
8	Loc Thanh 1 -1	Binh Phuoc	40

	Projects	Province	Installed capacity yet to be put into operation (MW)
9	Hai Ly Binh Phuoc 1 solar power plant		40
10	Song Binh	Binh Thuan	200
11	Tan Xuan solar power plant		23.61
12	Easup 1 solar power plant	Dak Lak	40
13	la Lop 1 solar power plant		40
14	KN Buon Tua Srah	Dak Nong	312
15	Cu Knia		144
16	Ea Tling		76
17	Xuyen Ha		104
18	KN Tri An floating solar power plant	Dong Nai	928
19	Tri An solar power plant		101
20	Phuoc Trung solar power plant	Ninh Thuan	40
21	Phuoc Huu 2 solar power plant		184
22	Xanh Song Cau solar power plant	Phu Yen	150
23	Ho Khe lake solar power plant	Nghe An	200
24	Vuc Mau lake floating solar power plant		160
25	Tam Bo solar power plant	Lam Dong	40
26	Phong Hoa	Thua Thien Hue	40
27	The remaining part of the Dau Tieng	Tay Ninh	1050
	project		
	Total capacity		4136.25

Appendix 4⁶

PDP8 Implementation Plan Grid Projects

1. List of newly constructed and renovated 500 kV substations

No.	Name of substation	Capacity (MVA)	Type of	Operation	al progress	State	Consideration	Note
		. , , , ,	construction	2023-2025	2026-2030	investment	for socialization	
I	Northern region							
1	Bac Bo 1	1.800	New construction		x		x	Synchronization with the scale and progress of regional power sources
2	Вас Во 2	1.800	New construction		x		x	Synchronization with the scale and progress of regional power sources
3	Вас Во З	900	New construction		x		x	Synchronization with the scale and progress of regional power sources
4	Lang Son	1.800	New construction		x		x	Synchronization with the scale and progress of regional power sources
5	Backup for newly constructed and Renovation capacity-increased 500 kV substation	1.800	New construction and renovation		x	x	x	Reverse for load growth and power source development
6	Works and projects improving control and operation capacbility of power substations and system			x	x	x	x	Projects may include, but are not limited to, the following: replacing or installing reactors, capacitors, SVCs, SVGs, FACTS equipment, etc.; expanding feeder bays in substations; renovating and improving the infrastructure of substations; installing short-circuit current protection devices; replacing and upgrading

⁶ This Appendix 4 extracts only grid projects under consideration of investment socialization from the exhaustive list in Appendix 5, Decision 262.

No.	Name of substation	Capacity (MVA)	Type of	Operation	al progress	State	Consideration	Note
			construction	2023-2025	2026-2030	investment	for socialization	Note
								devices to withstand short-circuited currents; establishing automatic circuits; installing or replacing equipment and control systems; implementing SCADA/EMS or SCADA/DMS systems; and automating the station. Scale and location accuracy will be specified during project development.
П	Central region							
1	Quang Binh	900	New construction		x		x	Synchronization with local power sources
2	Nhon Hoa	1.800	New construction	x	x		x	Unit 1 (900 MVA): Phase 2021-2025 Unit 2 (900 MVA): Phase 2026-2030.
	Backup for newly constructed and Renovation capacity-increased 500 kV substation	1 800	New construction and renovation		x	x	x	Reverse for load growth and power source development
	Works and projects improving control and operation capacbility of power substations and system			X	x	x	x	Projects may include but are not limited to, the following: replacing or installing reactors, SVCs, SVGs, FACTS equipment, etc.; expanding feeder bays in substations; renovating and improving the infrastructure of substations; installing short-circuit current protection devices; replacing and upgrading devices to withstand short-circuited currents; establishing automatic circuits; installing or replacing equipment and control systems; implementing SCADA/EMS or SCADA/DMS

No.	Name of substation	Capacity (MVA)	Type of	Operation	al progress	State	Consideration	Note
			construction	2023-2025	2026-2030	investment	for socialization	
								systems; and automating the station. Scale and location accuracy will be specified during project development.
ш	Southern region							
1	Son My	900	New construction		x		x	Communication transformers in Son My Electricity Center synchronized with Son My II Thermal Power Plant
2	South Central Coast 1	1.800	New construction		x		x	Synchronization with the scale and progress of regional power sources
3	South Central Coast 2	1.800	New construction		x		x	Synchronization with the scale and progress of regional power sources
4	Bac Lieu	1.800	New construction		x		x	Synchronization with the scale and progress of regional power sources
5	Thuan Nam	2.700	Renovation		х		х	Release local power sources
6	South Coast 1		New construction		x		x	Synchronization with offshore wind power sources in the Southern Region, with an expected capacity of 900 MVA, excluding the reserve volume of the 500 kV switching station.
7	South Coast 2		New construction		x		x	Synchronization with offshore wind power sources in the Southern Region, with an expected capacity of 900 MVA, excluding the reserve volume of the 500 kV switching station.

No.	Name of substation	Capacity (MVA)	Type of	Operation	al progress	State	Consideration	Note
			construction	2023-2025	2026-2030	investment	for socialization	
8	Backup for newly constructed and Renovation capacity-increased 500 kV substation		New construction and renovation		x	x	X	Reverse for load growth and power source development
9	Designing flexible busbar section graphs for 500 kV Ca Na LNG Distribution Yard				x		x	Limiting short circuit, increasing electricity supply reliability
10	Works and projects improving control and operation capability of power substations and system			x	x	x	x	Projects may include but are not limited to, the following: replacing or installing reactors, SVCs, SVGs, FACTS equipment, etc.; expanding feeder bays in substations; renovating and improving the infrastructure of substations; installing short-circuit current protection devices; replacing and upgrading devices to withstand short-circuited currents; establishing automatic circuits; installing or replacing equipment and control systems; implementing SCADA/EMS or SCADA/DMS systems; and automating the station. Scale and location accuracy will be specified during project development.

2. List of newly constructed and renovated 500 kV transmission lines

	Name of transmission line		cuit X km		Consideration					
No.		Circuit	X	km	construction	2023- 2025	2026- 2030	investment	for socialization	Note
I	Northern region									
1	Lang Son - Bac Bo 3 - Thai Nguyen	4	x	5	New construction		x		x	Synchronization with the scale and progress of regional power sources. If 500 kV Bac Bo 3 - Thai Nguyen transmission line is behind progress, 500 kV double-circuit Lang Son - Yen The transmission line of 110 km in length is developed in advance by the state.
2	Bac Bo 1 - Hai Phong	2	x	25	New construction		x		x	Synchronization with the scale and progress of regional power sources
3	Bac Bo 2 - Thai Binh	2	x	50	New construction		x		x	Synchronization with the scale and progress of regional power sources
4	Reserve for 500 kV Transmission line New construction and Renovation			400	New construction and Renovation		x	x	x	Reverse for load growth and power source development
П	Central region									
1	Quang Binh - Vung Ang - Quang Tri	4	x	5	New construction		x		x	Connection to 500 kV Quang Binh Substation
2	Nhon Hoa - Pleiku - Dak Nong	2	x	4	New construction	x			x	500 kV Nhon Hoa Substation built and connected (entering into operation in 2024 - 2025) to group renewable energy power plants, including Nhon Hoa 1 (50 MW), Nhon Hoa 2 (50 MW) wind power plants and adjacent renewable energy sources.

					Type of	Opera prog		State	Consideration	
No.	Name of transmission line	Circuit	X	km	construction	2023- 2025	2026- 2030	investment	for socialization	Note
										Approved according to Document No. 323/TTg-CN dated March 17, 2021 of the Prime Minister and Document No. 1301/BCT-DL dated March 11, 2021 of the Ministry of Industry and Trade
3	Backup for newly constructed and Renovation 500 kV line			336	New construction and Renovation		x	x	x	Reserve for load growth and electricity source development
Ш	Southern region									
1	Lines connected to South Central Region pumped- storage hydropower plant			30	New construction		x		x	South Central Region pumped-storage hydropower plant is the Phuoc Hoa pumped-storage hydropower plant. The connection of the Phuoc Hoa transmission line to the Ninh Hoa 500 kV substation via a double-circuit line is clarified in the connection agreement phase.
	South Central 1 - Thuan Nam	2	x	20	New construction		x		x	Synchronization with the scale and progress of regional power sources
3	South Central 2 - Thuan Nam	2	x	50	New construction		x		x	Synchronization with the scale and progress of regional power sources
	Lines connected to the 500 kV Southern Region 1 substation.			40	New construction		x		x	Synchronization with the scale and progress of offshore wind power projects in the South Central Coast.

No	Name of transmission line	Circuit	v	km	Type of	Operational progress		State	Consideration	Nete
NO.		circuit	Х		construction	2023- 2025	2026- 2030	investment	for socialization	Note
5	Lines connected to the 500 kV Southern Region 2 substation.			40	New construction		x		х	Synchronization with the scale and progress of offshore wind power projects in the South Central Coast.
6	Backup for newly constructed and Renovation 500 kV line			360	New construction and Renovation		x	x	X	Reserve for load growth and electricity source development

Note: Projects connected to important and priority power sources which are stated in Decision 500 will be implemented in the period of 2031-2035:

- Projects connected to the LNG Long Son plant, with an estimated length of approximately 72 km of 500 kV transmission lines.
- Projects connected to the Long An II plant, with an estimated length of approximately 30 km of 500 kV transmission lines.
- Projects connected to the Dong Phu Yen Thermal Power Plant, with an estimated length of approximately 140 km of 500 kV transmission lines.
- Projects connected to the Don Duong #1 Thermal Power Plant, with an estimated length of approximately 72 km of 500 kV transmission lines.

3. List of newly-constructed and renovated 220 kV substations

No.	Name of substation	Capacity		Operational progress		State	Consideration	Note	
		(MVA)	construction	2023-2025	2026-2030	investment	for socialization		
	Northern region								
1	Hai Phong Thermal Power Plant	500	Renovation		x		x		
2	Nam Dinh 3	750	New construction		x		X	Synchronization with the progress of specialized load development	

No.	Name of substation	Capacity	Type of	Operationa	al progress	State	Consideration	Note
110.	Name of Substation	(MVA) co	construction	2023-2025	2026-2030	investment	for socialization	Note
3	Вас На	250	New construction		x		X	Installed in the distribution yard of Bac Ha Hydropower Plant
4	Lang Son 1	500	New construction	x			x	Synchronization with the scale and progress of regional power sources
5	Lang Son 2	500	New construction		x		x	Synchronization with the scale and progress of regional power sources
6	Bac Giang 1	500	New construction	x			x	Synchronization with the scale and progress of regional power sources
7	Quang Ninh 1	500	New construction	x			x	Synchronization with the scale and progress of regional power sources
8	Dien Bien 1	500	New construction		x		x	Synchronization with the scale and progress of regional power sources
9	Suoi Sap 2A	200	New construction	x			x	Completed. To serve hydropower plants under Official Letter 136/TTg-CN dated 29 January 2021
10	Phu Yen	375	New construction		x		x	Provide electricity for specialized load
11	Song Ma	250	New construction		x		x	Synchronization with the scale and progress of regional power sources
12	Son La 1	500	New construction	x			x	Synchronization with the scale and progress of regional power sources
13	Thanh Hoa 1	250	New construction	x			x	Synchronization with the scale and progress of regional power sources

No.	Name of substation	Capacity	Type of	Operationa	al progress	State	Consideration	Note
NO.		(MVA)	construction	2023-2025	2026-2030	investment	for socialization	Note
14	Dong Vang	500	New construction		x		x	
15	Vung Ang 2	500	New construction	x			X	Synchronization with development progress of dedicated load
16	Nghi Son 2	500	New construction		x		X	Synchronized with development progress of dedicated load
17	Ha Tinh 1	500	New construction	x			x	Synchronization with the scale and progress of regional power sources
18	Backup for newly constructed and Renovation 220 kV substations	2 000	New construction and Renovation	x	×	x	X	Reserve for load growth and electricity source development
19	Designing flexible graphs for 4 busbar sections, including but not limited to distribution yards of 220 kV Thai Binh Combined Cycle Power Plant, 500 kV Substations of Quynh Luu, Vinh Yen, Long Bien, Hai Phong, 220 kV Substations of Hai Ba Trung, Nghia Hung, Hau Loc, Tam Diep, Bac Ninh 4, Dong Ky, Cat Hai, Nam Hoa, Long Bien 2, Hoa Lac, Tan Viet, Hiejp Hoa 2, Phu Binh 2, Dong			x	x	x	x	Limited short-circuit current and increase electricity supply reliability

No.	Name of substation	Capacity	Type of	Operationa	I progress	State	Consideration	Note
NO.		(MVA)	construction	2023-2025	2026-2030	investment	for socialization	Note
	Van, Ly Nhanh, Duong Kinh, Pho Cao							
20	Installing short-circuit current limiting reactors in 220 kV busbars of 500 kV Substations of Pho Noi, Tay Ha Noi, Hiep Hoa, Dan Phuong, Bac Ninh, Pha Lai Thermal Power, Trang Bach			x	x	x	x	Limited short-circuit current
21	Improving diagrams of flexible 220 kV busbars, 4 busbar segments in 500 kV substations of Nho Quan, Son La, Dong An and 220 kV substations of Van Tri, Vat Cach, Long Bien, Truc Ninh, Thai Binh, Ha Dong, Thanh Nghi, Bac Ninh 2, Hai Duong Thermal Power			x	x	x	x	Limited short-circuit current and increase electricity supply reliability
22	Works and projects improving control and operation capability of power substations and system			x	x	x	x	Projects may include but are not limited to, the following: replacing or installing reactors, SVCs, SVGs, FACTS equipment, etc.; expanding feeder bays in substations; renovating and improving the infrastructure of substations; installing short-circuit current protection devices; replacing and upgrading devices to withstand short-circuited currents; establishing automatic circuits; installing or replacing equipment and control systems;

No.	Name of substation	Capacity	Type of	Operationa	al progress	State	Consideration	Note
110.	Nume of Substation	(MVA)	construction	2023-2025	2026-2030	investment	for socialization	Note
								implementing SCADA/EMS or SCADA/DMS systems; and automating the station. Scale and location accuracy will be specified during project development.
II	Central region							
1	Le Thuy	500	New construction	x			x	Release local power sources
2	Huong Linh	250	New construction	x			x	Release local power sources
3	Huong Tan	500	New construction	x			x	Completed. Serve local power sources
4	Phu My 2	450	New construction		x		x	Synchronization with development progress of specialized load
5	Nuoc Long Hydropower	175	New construction		x		x	Release capacity of the hydropower cluster according to Official Letter 136/TTg-CN dated 29 January 2021
6	Gia Lai 1	250	New construction		x		x	Synchronization with the scale and progress of regional power sources
7	220 kV Substation at Dak Nong Aluminum Smelter Power Plant		New construction	x			x	In Decision 500, this substation is listed in the electricity grid directory as "Aluminum smelter".
8	Backup for newly constructed and		New construction	x	x	x	X	Reserve for load growth and power source development

No.	Name of substation	Capacity	Type of	Operationa	l progress	State	Consideration	Note
NO.	Name of substation	(MVA)	construction	2023-2025	2026-2030	investment	for socialization	Note
	Renovation 220 kV substations		and Renovation					
9	Constructions and projects improving control and operation capacbility of electrical substations and electrical system			x	x	x	x	Including but are not limited to projects that: Replace, install reactors, capacitors, SVC, SVG, FACTS equipment, etc.; expand feeder bay in substations, renovate, improve graphs of substations; intall short circuit protection devices, replace and upgrade devices to resist short-circuited current, establish automatic circtui; install, replace equipment, control system, SCADA/ EMS, SCADA/DMS systems, automate the station, etc.,
Ш	Southern region							
1	Ta Nang	500	New construction		x		x	Synchronization with the scale and progress of regional power sources
2	Dong Quan The	480	New construction		x		X	Synchronization with development progress of dedicated load
3	Hoa Thang	500	New construction	x			x	Synchronization with the scale and progress of regional power sources
4	Hong Phong	500	New construction	x			x	Synchronization with the scale and progress of regional power sources
5	Ham Cuong	250	New construction	x			x	Synchronization with the scale and progress of regional power sources
6	Binh Thuan Wind Power 1	250	New construction	x			x	Synchronization with the scale and progress of regional power sources

No.	Name of substation	Capacity	Type of	Operationa	al progress	State	Consideration	Note
	Nume of Substation	(MVA)	construction	2023-2025	2026-2030	investment	for socialization	Note
7	Dong Binh Phuoc	500	New construction		x		x	Synchronization with the scale and progress of regional power sources
8	Tan Chau 1	500	New construction		x		x	Synchronization with the scale and progress of regional power sources
9	Dong Nai 3	500	New construction		x		x	Synchronization with the scale and progress of regional power sources
10	Binh Dai	500	New construction	x			x	Synchronization with the scale and progress of regional power sources progress of electricity sources in the area.
11	Thanh Phu	500	New construction	x			x	Synchronization with the scale and progress of regional power sources
12	Tra Vinh 3	450	New construction		x		x	New construction, synchronized with development progress of dedicated load
13	Ca Mau 3	450	New construction		x		x	New construction, Synchronized with development progress of dedicated load
14	Tran De	500	New construction		x		x	Synchronization with the scale and progress of regional power sources
15	Bac Lieu 3	750	New construction		x		x	Synchronization with the scale and progress of regional power sources
16	Bac Lieu 4	750	New construction		x		x	Synchronization with the scale and progress of regional power sources
17	Backup for newly constructed and	/2.125 I	New construction	x	x	x	X	Reserve for load growth and electricity source development

No.	Name of substation	Capacity	Type of	Operationa	al progress	State	Consideration for socialization	Note
		(MVA)	construction	2023-2025	2026-2030	investment		
	Renovation 220 kV substations		and Renovation					
18	Works and projects improving control and operation capability of power substations and system	-		x	x	x	x	Projects may include but are not limited to, the following: replacing or installing reactors, SVCs, SVGs, FACTS equipment, etc.; expanding feeder bays in substations; renovating and improving the infrastructure of substations; installing short-circuit current protection devices; replacing and upgrading devices to withstand short-circuited currents; establishing automatic circuits; installing or replacing equipment and control systems; implementing SCADA/EMS or SCADA/DMS systems; and automating the station. Scale and location accuracy will be specified during project development.

<u>Note</u>:

With respect to renewable energy projects not yet approved in power source lists under Decision 262, the synchronized grid connection to these projects will be reviewed and confirmed during the subsequent supplementary approval process.

4. List of newly-constructed and renovated 220 kV transmission lines

	Name of transmission	Circuit			L .	Operational		State Consideration		
No.		number	x	kilometer	Type of construction	2023-	2026-	investment	for socialization	Note
	N									
	North									

	Name of transmission	C iit		kilometer	Type of	Operational	progress	State investment	Consideration	Note
No.		number	x			2023-	2026- 2030		for socialization	
1	Sap Stream 2A - Branch to Son La - Viet Tri	2	x	5	New construction	x				Completed. Increase hydropower capacity according to Official Letter 136/TTg-CN dated 29 January 2021
	Phu Yen - Branch to Son La - Viet Tri	2	x	7	New construction		х		x	Connect to Phu Yen 220 kV substation (specialized load power supply)
3	Nghi Son 2 - Turn to Nghi Son thermal power plant - Nong Cong	л	x	2	New construction		x			Connect to Nghi Son 2 220 kV station, synchronizing with the progress of specialized load development
4	My Ly – Ban Ve	1	x	72	New construction	x			X	Synchronzation with My Ly Hydropower Station
	Dong Vang - Branch to Nghi Son - Nong Cong	/	x	4	New construction		х		X	Synchronzation with load development progress
6	Vung Ang 2 - Branch to Vung Ang - 500 kV Vung Ang thermal power project	2	x	2	New construction	x				Connect to the 220kV Vung Ang 2 substation, synchronizing with the progress of specialized load development
7	Northern Region 1 - Do Son	2	x	10	New construction		х		X	Synchronization with the scale and progress of regional power sources
8	Northern Region 3 - Hai Ha	2	x	20	New construction		х		X	Synchronization with the scale and progress of regional power sources
9	Lang Son 1 - Dong Mo	2	x	60	New construction	x			X	Synchronization with the scale and progress of regional power sources

	Name of transmission					Operational	progress	Ctata Co	Consideration	
No.		Circuit number	x	kilometer	Type of construction	2023-	2026- 2030	State investment	for socialization	Note
	Lang Son 2 - Lang Son 1 500 kV	2	x	20	New construction		х		X	Synchronization with the scale and progress of regional power sources
11	Bac Giang 1 - Lang Son 1	2	x	35	New construction	x			X	Synchronization with the scale and progress of regional power sources
12	Quang Ninh 1 - Branches to Hoanh Bo - Son Dong power station and Hoanh Bo - Trang Bach		x	5	New construction	x			X	Synchronization with the scale and progress of regional power sources
13	Dien Bien 1 - Dien Bien	2	x	23	New construction		х		X	Synchronization with the scale and progress of regional power sources
14	Dien Bien 1 - Lai Chau	2	x	52	New construction		х		X	Synchronization with the scale and progress of regional power sources
	Son La 1 - Branch to Son La – Suoi Sap 2A	2	x	4	New construction	x			X	Synchronization with the scale and progress of regional power sources
16	Hoi Xuan - Ba Thuoc Hydropower Station	2	x	30	New construction		х		x	Connect to Ba Thuoc 220 kV substation
	Thanh Hoa 1 - Branch to Nghi Son - Nong Cong		x	2	New construction	x			X	Synchronization according to the scale and progress of regional power sources
18	Nam Mo 1 hydropower plant -	2	x	18	New construction		x		X	Synchronization of Nam Mo 1 Hydropower Plant (Vietnam)

	Name of transmission			т		Operational progress			Consideration	
No.		Circuit number	x	KIIOMETER	Type of construction	2023-	2026- 2030	State investment	for socialization	Note
	Branch to My Ly - Ban Ve									
	Ha Tinh 1 - Branch to Vung Ang - Ha Tinh	4	x	4	New construction	x				Synchronization with the scale and progress of regional power sources
20	Backup for newly constructed and Renovation 220 kV substations	350			New construction and renovation	x	x	x	X	Reserve for load growth and power source development
Ш	Central region									
1	B&T1 Wind power plant- Dong Hoi - Dong Ha circuit 2	2	x	10	New construction	x			X	Add connecting structures for B&T Wind Power in order to fulfill N-1
	TNC Quang Tri 1 wind power -plant Huong Tan		x	11	New construction	x			x	Synchronization with Quang Tri 1, 2 TNC Wind Power and connection solutions have been approved under Official Letter 911/TTg- CN dated 15 July 2020
3	Huong Linh - Lao Bao	1	x	12	New construction	x			x	Release wind power, use phased wires with large cross-sections, approved under Official Letter 911/TTg-CN dated 15 July 2020
4	LIG Huong Hoa 1 wind power plant - Huong Tan		x	13	New construction	x			х	Synchronization with LIG Huong Hoa 1 Wind Power, approved under Official Letter 911/TTg-CN dated 15 July 2020

	Name of transmission					Operational		State	Consideration	
No.		number	x	kilometer	Type of construction	2023- 2025	2026- 2030	investment	for socialization	Note
5	LIG Huong Hoa 2 wind power plant - LIG Huong Hoa 1		x	8	New construction	x				Synchronization with LIG Huong Hoa 2 Wind Power, approved under Official Letter 911/TTg-CN dated 15 July 2020
	Tai Tam wind power plant - Lao Bao	1	x	12	New construction	x			x	Completed. Release wind power, use phased wires with large cross-sections, approved under Official Letter 911/TTg-CN dated 15 July 2020
7	Huong Tan - Lao Bao	1	x	12	New construction	x			x	Completed. Release wind power, use phased wires with large cross-sections, approved under Official Letter 911/TTg-CN dated 15 July 2020
-	Amacao wind power plant - Lao Bao	1	x	8	New construction	x			x	Completed. Release wind power, use phased wires with large cross-sections, approved under Official Letter 911/TTg-CN dated 15 July 2020
	Dak Mi 2 - Dak My 3 - Dak My 4A	2	x	5	New construction	x			x	Completed. Synchronization with Dak Mi 2 hydro power plant
10	220 kV Dak Ooc cutting station - Song Bung 2 hydropower plant	2	x	10	New construction		x		x	Release electricity imported from Laos
11	Lines creasing load capacity of in Dak Ooc - Thanh My	2	x	31	Renovation		х		x	Release electricity imported from Laos

						Operational	progress		Consideration	
No.	Name of transmission line	Circuit number	x	kilometer	Type of construction	2023-	2026- 2030	State investment		Note
12	Cluster of Nuoc Long hydropower plant - Thuong Kon Tum - Quang Ngai	2	x	4	New construction		x		x	Release hydropower plant under Official Letter 136/TTg-CN dated 29 January 2021
13	Lines creasing load capacity Pleiku 2 - Phuoc An	1	x	151	New construction		x		X	Newly construction of 2 nd circuit or replace super-temperature line
14	Dak Mi 1 hydropower plant – Dak My 2 hydropower plant		x	15	New construction	x			x	Synchronization with Dak Mi 1 power station
15	Kon Plong wind power plant - Thuong Kon Tum hydropower plant- Quang Ngai	2	x	19	New construction	x			x	Synchronization the Kon Plong hydropower plant; the connection plan has been approved according to Official Letter 911/TTg-CN dated 15 July 2020.
16	Dak Lo 3 hydropower plant - Thuong Kon Tum-Quang Ngai		x	1	New construction		x		x	Releasing hydropower capacity, connection plan according to Official Letter 136/TTg-CN dated 29 January 29 2021 and Official Letter 29/BCT-DL dated 5 January 2021
17	Lines creasing load capacity of Pleiku - An Khe biomass plant- An Khe hydropower plant	1	x	98	Renovation	x			x	
	Nhon Hoa 1 wind power plant -	4	x	4	New construction	x			~	Nhon Hoa 1, 2 Wind Power built and connected; connection solutions approved

	Name of transmission	Circuit			Type of	Operational		State	Consideration	
No.		number	x	kilometer	construction	2023-	2026- 2030	investment	for socialization	Note
	Krong Buk - Pleiku 2									under Official Letter 911/TTg-CN dated 15 July 2020. As soon as 500 kV Nhon Hoa Substation enters into operation, Nhon Hoa 1 and 2 Wind Power will be connected to 500 kV Nhon Hoa Substation, disconnected on both circuits and allow 220 kV Kron Buk - Pleiku 2 transmission line to be restored in accordance with Official Letter 323/TTg-CN dated 17 March 2021 and Official Letter 1301/BCT-DL dated 11 March 2021.
19	la Pet Dak Doa wind power plant - Pleiku 3	2	x	23	New construction	x				Completed. Synchronization with the Ia Pet - Dak Doa Road, the connection plan was approved according to Official Letter 911/TTg-CN dated 15 July 2020
20	la Le 1 wind power plant - Krong Buk Turing - Pleiku 2	2	x	6	New construction	x				Completed. Synchronization with the Ia Pet - Dak Doa Road, the connection plan was approved according to Official Letter 911/TTg-CN dated 15 July 2020
21	la Boong wind power plant - Chu Prong- Nhon Hoa 1 wind power plant	1	x	8	New construction		x			Synchronization of Ia Boong - Chu Prong Wind power Plant has been achieved. Location and adjusted connection plan of Ia Boong - Chu Prong Wind power Plant proposed in Official Letter 3225/BCT-DL dated 9 June 2022, Official Letter 4776/BCT- DL dated 11 August 2022, Official Letter 6660/BCT-DL dated 26 October 2022 and

		o: ::				Operational	progress	State	Consideration	
No.	Name of transmission line	Circuit number	×	kilometer	Type of construction	2023- 2025	2026- 2030	investment	for socialization	Note
										Official Letter 835/TTg-CN dated 22 September 2022
22	Hung Hai Gia Lai wind power plant - Pleiku 2 - An Khe Hydropower		x	14	New construction	x			x	Completed. Synchronization with Hung Hai Gia Lai wind power plant, the connection plan was approved according to Official Letter 911/TTg-CN dated 15 July 2020
	Yang Trung wind power plant - Pleiku 2 - An Khe Hydropower Plant	2	x	25	New construction	x			x	Completed. Synchronization with Yang Trung Station, replacing the 220 kV line Yang Trung - Pleiku 2 - An Khe approved according to Official Letter 911/TTg-CN dated 15 July 2020. In case Yang Trung is assigned before Hung Hai Gia Lai, it is necessary to synchronously invest in the 220kV line of Yang Trung - Pleiku 2 - An Khe. Hung Hai Gia Lai Station will relay the connection on two circuits of 220 kV transmission line Yang Trung - Pleiku 2 - An Khe.
24	Krong Buk wind power plant - Krong Buk - Pleiku 2	2	x	2	New construction	x			x	Completed. Synchronization with Krong Buk 1,2 wind power plant, Cu Ne 1,2 wind power plant, the connection plan approved according to Official Letter 911/TTg-CN dated 15 July 2020
25	Increasing loading capacity Buon Kuop - Buon Tua Shra -		x	112	Renovation	x			x	Release power source capacity

				kilometer		Operational	progress		Consideration	
No.	Name of transmission line	Circuit number	x		Type of construction	2023- 2025	2026- 2030	-State investment		Note
	Dak Nong 500 kV									
	Dak Hoa wind power plant - Buon Kuop - Dak Nong 500 kV station	2	x	2	New construction	x				Completed. Connection to Dak Hoa wind power plant, the connection plan has been approved according to Official Letter 911/TTg-CN dated 15 July , 2020
27	HBRE An Tho - Tuy Hoa	1	x	16	New construction	x			x	Synchronization with An Tho wind power plant
28	Le Thuy - Dong Hoi - Dong Ha	4	x	2	New construction	x				Synchronization with the scale and progress of regional power sources, connecting to Quang Binh 500 kV substation
29	Phu My 2 - Phu My	2	x	20	New construction		x		x	Synchronization with development progress of dedicated load
30	Gia Lai 1 - Pleiku 3	2	x	20	New construction		x		x	Synchronization with the scale and progress of regional power sources
31	Lines connected offshore wind power plants in Central Central region	60	I		New construction		x		x	Synchronization with the scale and progress of regional power sources
32	Provision for generation of 220 kV Renovation and New construction lines	490			New construction and Renovation	x	x	x	X	Reserve for load growth and electricity source development

	Name of transmission	Cincuit		kilometer	Type of	Operational	progress	Chata	Consideration	
No.		number	×			2023-	2026- 2030	-State investment	for socialization	Note
IV	Southern									
1	Hoa Thang - Phan Thiet Turning - Phan Ri		x	7	New construction	x			x	Connect to 220 kV Hoa Thang
2	LNG Hiep Phuoc Phase I - Phu My - Can Duoc	4	x	3	New construction		x		x	Synchronization with LNG Hiep Phuoc Phase I
3	Ben Tre - Binh Dai	2	x	50	New construction	x			X	Synchronization with the scale and progress of regional power sources
4	Thanh Phu — Turning Hai Phong wind power plant - Mo Cay		x	3	New construction	x			x	Synchronization with the scale and progress of regional power sources. In case the Hai Phong transmission line is behind schedule, it is necessary to build in advance the 220 kV Thanh Phu - Mo Cay dual circuit transmission line to synchronize the Thanh Phu 220 kV station, the Hai Phong wind power plant connects to the Thanh Phu 220 kV station via the 220 kV dual circuit.
5	Tra Vinh 3 - 500 kV Coastal	2	x	3	New construction		x		x	Synchronization with Tra Vinh 3 220kV station
6	Ca Mau 3 - Ca Mau - Nam Can	2	x	26	New construction		x		x	Synchronization with Ca Mau 3 220kV station
7	Duc Trong wind power plant - Da Nhim Turning- Duc Trong		x	1	New construction		x		x	Synchronization with Duc Trong wind power plant. Location and adjusted connection plan of Duc Trong Wind power Plant proposed in Official Letter 3225/BCT-DL dated 9 June

		c :				Operational	progress	c	Consideration	
No.	Name of transmission line	number	x	kilometer	Type of construction	2023-	2026- 2030	-State investment	for socialization	Note
										2022, Official Letter 4777/BCT-DL dated 11 August 2022, Official Letter 6660/BCT-DL dated 26 October 2022 and Official Letter 835/TTg-CN dated 22 September 2022. Operates synchronously with the 220 kV transmission line at Da Nhim - Duc Trong - Di Linh circuit breaker station.
8	Phuoc Huu wind power plant - 220 kV Ninh Phuoc		x	2	New construction	x			×	Connect to Phuoc Huu wind power plant, replacing the 110 kV transmission line Phuoc Huu - 110 kV Ninh Phuoc electricity line, approved in Decision 3768/QD-BCT dated 27 July 2011. The 220 kV voltage booster station at Phuoc Huu plant has a capacity of 63 MVA
9	Ninh Thuan No.5 wind power plant - Ninh Phuoc		x	2	New construction	x			X	Completed. Synchronization with Ninh Thuan No.5 wind power plant
10	Lac Hoa 2 wind power plant - Hoa Dong 2 wind power plant		x	6	New construction	x				Release local electricity sources, the connection plan was approved in Official Letter 911/TTg-CN dated 24 June 2020
11	Bac Lieu Stage 3 - Bac Lieu	2	x	18	New construction	x			x	Synchronization with Bac Lieu Phase 3, the connection plan was approved in Decision 209/QD-TTg dated 9 February 2018
12	Hoa Binh transition connection on the 220 kV connected to Hoa	4	x	5	New construction	x				Connection station 220 kV Hoa Binh (Bac Lieu province). Release local electricity sources

				kilometer		Operational	progress		Consideration	
No.	Name of transmission line	Circuit number	x		Type of construction	2023-	2026- 2030	-State investment		Note
	Binh 5 wind power plant									
	Vien An wind power plant- Nam Can	1	x	20	New construction	x			х	Proposal for connection to 110 kV (Official Letter 3487/UBND-KT dated 16 May 2023 of Ca Mau Provincial People's Committee)
	Ca Mau 1 wind power cluster - Ca Mau	2	x	52	New construction	x			X	Synchronization with Ca Mau 1 wind power cluster
15	Long My 1 wind power plant - Ca Mau thermal power plant turning - O Mon	2	x	1	New construction	x			x	Synchronization with Long My 1 plant
	Ben Tre No.19 wind power plant - Binh Dai)	x	12	New construction	x			x	New construction, synchronization with Ben Tre No.19 wind power plant, releasing the capacity of Ben Tre No.19 wind power plant, Ben Tre No.20 wind power plant. Actual length is about 0.03km. Solutions under Document No. 911/TTg-CN revised, replacing 220 kV Ben Tre Wind Power No. 19 - Ben Tre transmission line of approximately 50 km in length due to difficulty expanding feeder bays in 220 kV Ben Tre Substation.
17	Hai Phong wind power plant - Mo Cay	2	x	50	New construction	x			x	Synchronization with Hai Phong wind power plant, the connection plan was approved in Official Letter 911/TTg- CN dated 15 July 2020

		.		kilometer	Type of	Operational	progress		Consideration	
No.	Name of transmission line	Circuit number	x			2023-	2026- 2030	-State investment	for socialization	Note
	Dong Hai 1 solar power - Central South Tra Vinh solar power		x	7	New construction	x				Completed. Synchronized with Dong Hai 1, the connection plan was approved Official Letter 911/TTg-CN dated 24 June 2020
19	Dong Thanh 1 wind power plant- 500 kV Duyen Hai station		x	4	New construction	x			x	Synchronization with Dong Thanh 1 transmission line, release capacity of Dong Thanh 1 and Dong Thanh 2 transmission lines. Adjust plan compared to Document 911/TTg-CN, replace 220 kV transmission line Dong Thanh 1 - Dong Hai 1 - 500 transmission line kV Duyen Hai to avoid overloading the 220 kV transmission line Dong Hai 1 - Trung Nam Tra Vinh - 500 kV Duyen Hai transmission line.
	Thang Long wind power plant - 220 kV Duyen Hai		x	12	New construction	x			x	Synchronization with Thang Long plant, the connection plan was approved in Official Letter 911/TTg-CN on 24 June 2020
	Soc Trang 4 wind power plant - Vinh Chau		x	5	New construction	x			x	Synchronization with Soc Trang plant, the connection plan was approved in Official Letter 911/TTg-CN on 24 June 2020
22	Phu Cuong 1A, 1B wind power plant - Vinh Chau		x	22	New construction	x			x	Synchronization with Phu Cuong 1A, 1B plant, the connection plan was approved in Official Letter 911/TTg-CN on 24 June 2020
	Ta Nang - Duc Trong - Di Linh (circuit New construction)	2	x	20	New construction		х		X	Synchronization with the scale and progress of regional power sources

	Name of transmission	.				Operational	progress	.	Consideration	
No.		number	x	kilometer	Type of construction	2023- 2025	2026- 2030	State investment	for socialization	Note
24	Dong Quan The - Vinh Tan - Quan The 220kV switching station	-	x	1	New construction		x		X	Synchronization with development progress of dedicated load
25	Dong Quan The - Ca Na	1	x	7	New construction		x		X	Synchronization with development progress of dedicated load
26	Hong Phong - Phan Thiet - Phan Ri	2	x	1	New construction	x			X	Synchronization with the scale and progress of regional power sources
	Ham Cuong - Ham Thuan Nam	2	x	7	New construction	x			X	Synchronization with the scale and progress of regional power sources
28	Binh Thuan 1 Wind power plant - Vinh Tan - Phan Thiet	2	x	4	New construction	x			X	Synchronization with the scale and progress of regional power sources
29	Dong Binh Phuoc - Binh Long - Aluminum electrolysis	4	x	12	New construction		x		X	Synchronization with the scale and progress of regional power sources
30	Tan Chau 1 - Tan Bien	2	x	16	New construction		x		X	Synchronization with the scale and progress of regional power sources
31	Dong Nai 3 - Tan Uyen	2	x	55	New construction		x		X	Synchronization with the scale and progress of regional power sources
32	Bac Lieu 3 - 500 kV Bac Lieu	2	x	30	New construction		x		X	Synchronization with the scale and progress of regional power sources

				kilometer	_	Operational		_	Consideration	
No.	Name of transmission line	number	x		Type of construction	2023-	2026-	investment		Note
	Bac Lieu 4 - 500 kV Bac Lieu	2	x	10	New construction		х		X	Synchronization with the scale and progress of regional power sources
	Tran De - 500 kV Long Phu	2	x	24	New construction		х		X	Synchronization with the scale and progress of regional power sources
35	Backup for newly constructed and Renovation 220 kV substations	430			New construction and Renovation	x	x	x	X	Reserve for load growth and electricity source development

Note:

1. In terms of transformer stations

- The list of transformer stations does not include step-up transformer stations of power source projects. As for offshore wind power sources, step-up stations are still included in the list of 500 kV transformer stations to facilitate the agreement on land fund for station placement, but are not counted in the total construction volume and investment capital in power grid projects. The capacity in the tables above is the total capacity of the station's transformers. During the implementation of each phase, the scale of the transformer station will be selected to suit the load needs and power source capacity release.

- In case there is a sudden increase in load in some areas, leading to the need to change or add the scale and network of lines and stations, it is required to report to and obtain approval of the Prime Minister.

2. In terms of transmission line

- Line length will be accurate during the investment preparation phase.

- In case there is a sudden increase in load in some areas, leading to the need to change or add the scale and network of lines and stations, it is required to report to and obtain approval of the Prime Minister.

3. With respect to renewable energy projects that have not been approved in the list of power source projects in Decision 262, the synchronous power grid connecting these projects will be reviewed and accurately prepared in the next additional approvals.