



# Salient Features of Power Development in the Kingdom of Cambodia Until December 2025

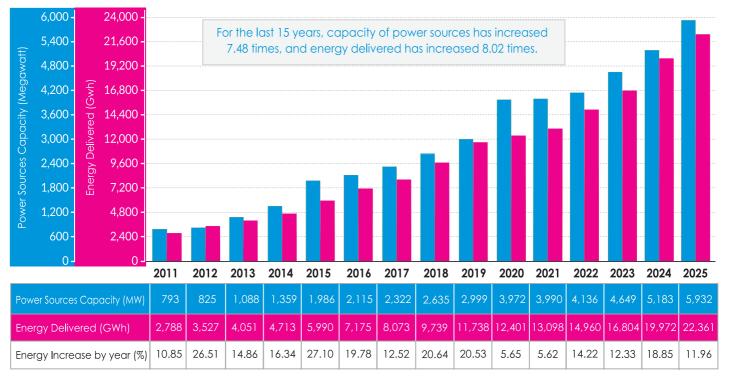






#### 1. Development of Power Sources

#### 1.1 Progress of Development of Power Sources for the last 15 Years



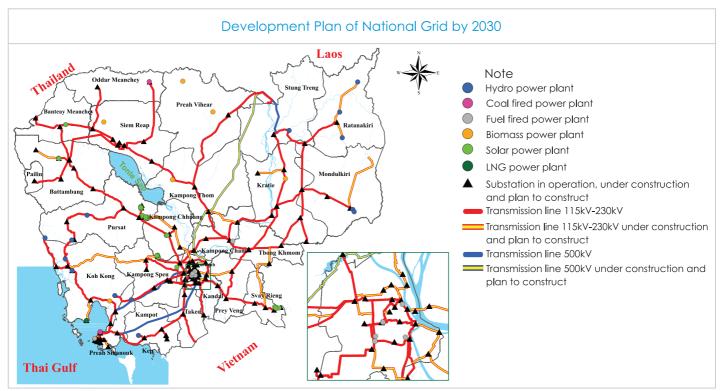
#### 1.2 Data on Different Sources of Power for Cambodia

		20	24			20	)25			Plan f	or 2026	
Power Sources	Сарс	acity	Ener	gy	Сар	acity	Ener	gy	Сар	acity	Ener	gy
	MW	%	GWh	%	MW	%	GWh	%	MW	%	GWh	%
1. Power Sources directly con	nected t	o Nation	al Grid									
- Renewable Energy	2,811	62.31%	8,573.39	46.81%	3,325	63.23%	10,317.52	50.09%	4,133	67.40%	11,250.04	48.84%
+ Hydro Power	1,796	39.82%	7,227.78	39.46%	1,801	34.25%	8,167.52	39.66%	2,212	36.08%	8,209.17	35.64%
+ Solar Power	966	21.41%	1,278.96	6.98%	1,476	28.05%	2,097.41	10.18%	1,873	30.53%	2,972.77	12.91%
.Solar Power Station	827	18.33%	1,059.78	5.79%	1,307	24.85%	1,831.72	8.89%	1,677	27.35%	2,664.51	11.57%
.Rooftop Solar PV Installion	139	3.08%	219.18	1.20%	169	3.20%	265.69	1.29%	196	3.19%	308.27	1.34%
+ Biomass Power	49	1.08%	66.66	0.36%	49	0.92%	52.59	0.26%	49	0.79%	68.09	0.30%
- Non-renewable Energy	1,700	37.69%	9,741.29	53.19%	1,934	36.77%	10,278.56	49.91%	1,999	32.60%	11,782.29	51.16%
+ Coal	1,300	28.82%	9,208.88	50.28%	1,365	25.95%	9,828.08	47.72%	1,430	23.32%	10,017.64	43.49%
+ Fuel Oil	400	8.87%	532.42	2.91%	569	10.82%	450.48	2.19%	569	9.28%	1,764.65	7.66%
Total Power Sources directly connected to National Grid	4,511	100%	18,314.68	100%	5,259	100%	20,596.09	100%	6,132	100%	23,032.33	100%
2. Import Power Sources from N	eighborir	g Count	ries									1
- Thailand	277	41.24%	731.01	44.10%	277	41.24%	391.33	22.17%	-	-	_	-
- Vietnam	339	50.43%	910.04	54.90%	339	50.43%	1,191.28	67.49%	339	85.82%	1,301.05	92.29%
- Laos	56	8.33%	16.68	1.01%	56	8.33%	182.48	10.34%	56	14.18%	108.76	7.71%
Total Import Power Sources from Neighboring Countries	672	100.%	1,657.72	100%	672	100%	1,765.09	100%	395	100%	1,409.81	100%
3. Power Sources												
- Total Power Sources directly connected to National Grid	4,511	87.03%	18,314.68	91.70%	5,259	88.67%	20,596.09	92.11%	6,132	93.95%	23,032.33	94.23%
- Total Import Power Sources from Neighboring Countries	672	12.97%	1,657.72	8.30%	672	11.33%	1,765.09	7.89%	395	6.05%	1,409.81	5.77%
Total Power Sources	5,183	100%	19,972.41	100%	5,932	100%	22,361.17	100%	6,527	100%	24,442.14	100%

#### 2. Progress of Electrical Transmission Service

#### 2.1 Development Plan of National Grid by 2030

"National Grid" consists of three main components: HV transmission Lines, Substations and National Control Center. Development of the National Grid has three main objectives: 1-Provide an opportunity to develop and integrate all power sources in the country into one grid system, 2-Control power sources based on time and season to meet the electricity demand and 3-Transmit the energy to cities/provinces and other areas through substations throughout the country to consumers. The Development Plan of National Grid by 2030 is shown in the figure below:



#### 2.2 Infrastructure and Capacity of Electricity Supply of the National Grid in operation of 2025

No	Name of System	Transmission Lines	Substations
1	Transmission line 500kV	177.30 (x2)	14 in Phnom Penh, 6 in Kandal, 1 in Takeo, 5 in Kampong Speu, 3 in Kampot, 6 in Preah Sihanouk,
2	Transmission line 230kV	2,754.42 (x2)	4 in Koh Kong, 2 in Prey Veng, 2 in Svay Rieng, 5 in Battambang, 4 in Pursat, 2 in Kampong Chhnang,
	Transmission into 200KY	34.30 (x1)	2 in Banteay Meanchey, 3 in Siem Reap, 5 in Oddar Meanchey, 1 in Pailin, 2 in Kampong Cham,
3	Transmission line 115kV	396.63 (x2)	3 in Kratie, 1 in Stung Treng, 1 in Ratanakiri, 1 in Kbong Khmum, 3 in Mondulkiri, 1 in Preah Vihear
		939.67 (x1)	and 1 in Kampong Thom
	Total	115-230-500kV = 4,302.32	75 substations supply directly to 25 cities/provinces

By the end of 2025, the above infrastructure of Cambodia National Grid enables import of electricity from Vietnam and Laos, and gets electricity from domestic generation plants to meet the electricity demand in 25 cities/provinces through substations. The above infrastructure of the Naitonal Grid also supplies electricity to bulk consumers and major industrial zones, located in electricity supply zones from the 75 substations in the 25 cities/provinces.

#### 2.3 Transmission Lines and Substations under Construction and Planned (until 2030)

Project	Transmission Lines	Substations
Koh Kong Grid Substation - Bek Chan Substation	230kV : 204.00 (×2)	
2. Bek Chan Grid Substation - Khsach Kandal Substation	500kV:45.00 (×2)	
3. Khsach Kandal Grid Substation - Laos Border Substation	500k∀ : 300.00 (×2)	
4. Lvea Em Grid Substation - Svay Antor Substation	230kV: 40.00 (×2)	
5. Steung Trang Grid Substation - Baray Substation	115kV:55.00 (×1)	Construct 1 new substation in Baray District, Kampong Thom
6. Kampong Tralach Grid Substation - Kampong Chhnang 2nd Substation	230kV:29.00 (×1)	
7. Kampong Chhnang Grid Substation - Kampong Chhnang 2nd Substation	230kV:15.00 (×2)	
8. Kampong Chhnang 2nd Grid Substation - New Krokor Substation	230kV:65.00 (×2)	
9. New Krokor Grid Substation - Pursat Substation	230kV:29.00 (×2)	
10. Pursat Grid Substation - Sang Ke Substation	230kV : 102.00 (×2)	
11. Kampong Tralach Grid Substation - Mukkampoul Substation	230kV:31.30 (×2)	
12. Ratanakiri Grid Substation - Prek La'ang Hydropower Plant	230kV:77.00 (×2)	
13. Ratanakiri Grid Substation - Sre Pok 3A Hydropower Plant	230kV:26.00 (×2)	
14. Ratanakiri Grid Substation - Sre Pok 4 Hydropower Plant - Sre Pok 3A Hydropower Plant	230kV:100.00 (×2)	
15. Koh Pich Grid Substation - Koh Norea Substation - Chbar Ampov Substation	115kV:9.00 (×1)	
16. Chbar Ampov Grid Substation - Kien Svay Substation	115kV:15.00 (×2)	
17. Transmission Line between Russey Keo Substation and Tuol Sangke Substation - Chroy Changvar 1 Substation - Chroy Changvar 2 Substation - Morodok Techo Substation - Koh Dach Substation	115kV:19.00 (×2)	
18. Thmor Sor Grid Substation - Botum Sakor Substation	230kV:37.00 (×2)	
Total	115kV-230kV-500kV = 1,198.30	

#### 3. Progress of Electricity Supply to Consumers

#### 3.1 Development of Subtransmission and Distribution Networks

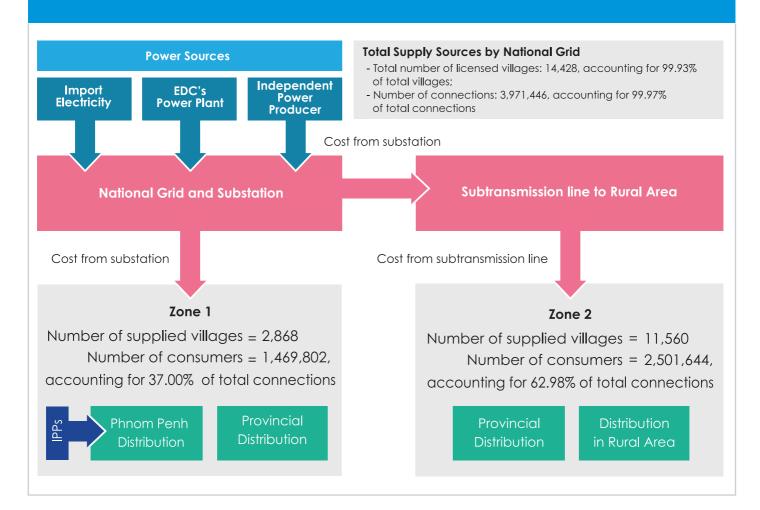
In Cambodia, there are 3 ways of electricity supply to consumers: 1-Bulk Consumers with capacity of 10MW and above are allowed to purchase electricity directly from National Grid Substation, 2-Big Consumers with capacity above 500kVA can purchase electricity from subtransmission/distribution licensees through their subtransmission lines, and 3-Small Consumers with capacity of 500kVA and below can purchase electricity from local distribution licensees with suitable and reliable MV lines. Subtransmission Line is the main MV line used to transmit electricity from feeders of substations to distribution licensed zones and to MV consumers with capacity above 500kVA. The distribution network is an electrical infrastructure, which consists of MV lines, distribution transformers, LV lines and electrical auxiliary devices for electricity supply to consumers with capacity 500kVA and below. The infrastructure of subtransmission (MV) and distribution networks (MV Line, Transformer, LV Line and Connectivity Device) developed by December 2025 are shown in the table below:

Subtro	Subtransmission Facility and Distribution Network Developed										
Type of Facility	Unit	Invested by EDC	Invested by Licensee	Total							
MV Line	Km	26,719.97	25,097.93	51,817.90							
Transformer	Unit	18,877	16,846	35,723							
LV Line	Km	11,687.03	39,751.10	51,438.13							
Connectivity Device	Connection	1,469,802	2,502,529	3,972,331							
Estimated Investment Fund	Million USD	1,425.92	1,313.94	2,739.86							

#### 3.2 Structure and Category of Electricity Supply in Cambodia at the end of year 2025

Electricity supply in Cambodia has been planned and developed according to the viability of supply for each area. At the end of 2025, electricity was supplied to 3,972,331 connections, and the supply system is classified into 3 categories as follows: 1-Electric power supply through National Grid, 2-Electric power supply to areas, where the national grid has not yet reached, by importing electric power from neighboring countries through MV lines and 3-Mini-grid having electric power supply by diesel generators or by other technologies for supply to areas, where supply is not available either from the National Grid or by importing from neighboring countries. Structure of electricity supply for each category, number of electrified villages, and number of consumers for year end 2025 are illustrated in the figures below:

#### 1. Structure of Electricity Supply through National Grid at the end of 2025



#### 2. Import from Neighboring Countries in Small Scales

#### **Diesel Generation**

#### Zone 4

- Total number of licensed areas = 2
- Total number of licensed villages = 2, accounting for 0.014% of total villages
- Number of connections = 238, accounting for 0.006% of total connections

Distribution Lines in Rural Areas

#### Solar PV System

#### Zone 4

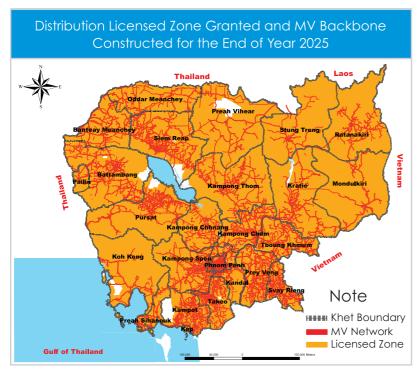
- Total number of licensed areas = 4
- Total number of licensed villages = 8, accounting for 0.055% of total villages
- Number of connections = 647, accounting for 0.016% of total connections

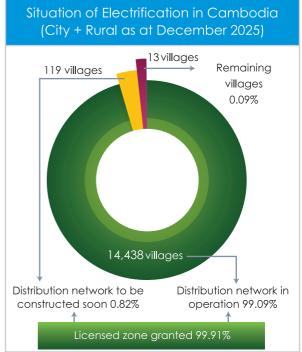
Distribution Lines in Rural Areas

#### 3.3 Grant of Distribution License, Licensed Zone and Development of Distribution Network

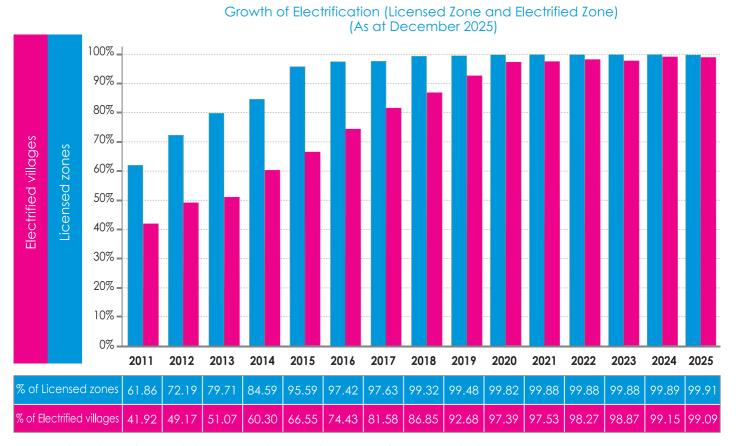
Capital/	Total	License	Licensed Zo	ne Granted	Elect	rified	Non	-electrified Villo	ıges 💮
Province	Number of Villages	Granted	Villages	%	Villages	%	Villages Granted	Villages not yet Granted	Total
Phnom Penh	953	18	953	100.00	953	100.00	-	-	-
Kandal	1,010	60	1,010	100.00	1,010	100.00	_	-	_
Kampong Cham	947	45	947	100.00	947	100.00	_	-	<u>-</u>
Kampong Speu	1,365	22	1,365	100.00	1,365	100.00	-	-	-
Kep	18	1	18	100.00	18	100.00	-	-	-
Pailin	92	2	92	100.00	92	100.00	-	-	-
Preah Sihanouk	111	20	111	100.00	111	100.00	-	-	-
Svay Rieng	690	14	690	100.00	690	100.00	_	-	<del>-</del>
Prey Veng	1,168	33	1,167	99.91	1,167	99.91	-	1	1
Tbong Khmum	875	14	875	100.00	874	99.89	1	-	1
Banteay Meanchey	658	27	658	100.00	656	99.70	2	-	2
Kampot	491	9	491	100.00	489	99.59	2	-	2
Koh Kong	119	15	119	100.00	117	98.32	2	-	2
Siem Reap	909	22	909	100.00	906	99.67	3	-	3
Kampong Chhnang	569	18	569	100.00	565	99.30	4	-	4
Takeo	1,121	33	1,121	100.00	1,117	99.64	4	-	4
Kampong Thom	765	22	762	99.61	758	99.08	4	3	7
Mondulkiri	92	1	92	100.00	84	91.30	8	-	8
Ratanakiri	243	10	243	100.00	234	96.30	9	-	9
Stung Treng	137	3	137	100.00	127	92.70	10	-	10
Oddar Meanchey	308	11	308	100.00	297	96.43	11	-	11
Pursat	526	20	523	99.43	514	97.72	9	3	12
Battambang	844	35	843	99.88	828	98.10	15	1	16
Preah Vihear	232	15	232	100.00	216	93.10	16	-	16
Kratie	327	12	322	98.47	303	92.66	19	5	24
Nationwide	14,570	482	14,557	99.91	14,438	99.09	119	13	132

**Note:** The Electricity Authority of Cambodia previously used 2011 data, which comprised a total of 14,168 villages nationwide. However, the new statistics shows a total of 14,570 villages nationwide, an increase of 402 villages. Therefore, the table above reflects the new total number of villages, which caused the percentage (%) to change.





#### 3.4 Growth of Licensed Zone Granted and Distribution Network Development for the last 15 years



#### 3.5 Situation of Electricity Supply in the Kingdom of Cambodia in 2025

As of 2025, the licensed zones, which have been granted to both public and private distribution licensees for investing and developing the electricity supply networks are 14,557 villages, accounting for 99.91% of the total number of villages nationwide. Among these 14,557 licensed villages, 14,438 villages, accounting for 99.09%, have been electrified and the remaining 132 villages, accounting for 0.91%, do not have access to electricity. Of the 14,438 electrified villages, 14,428 villages are supplied by National Grid, 2 villages are supplied by small diesel generators and 8 villages are supplied by Solar PV System. However, the 132 villages, which do not have access to electricity, are mostly located on islands, flooded areas during the rainy season, areas without road access, floating areas, and remote areas with scattered populations.

#### 4. Growth of Consumer Connections in Cambodia at the end of 2025

#### 4.1 Growth of Consumer Connections for the last 15 years

Growth of Consumer Connections to all types of Electricity Supply Areas

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Consumer Connection (Millions)	0.81	0.99	1.19	1.35	1.75	2.15	2.41	2.65	2.95	3.10	3.31	3.53	3.71	3.86	3.97
Increase Over Prev. Year (%)	20.90	22.22	20.20	13.45	29.63	22.86	12.09	9.96	11.32	5.08	6.77	6.65	5.10	3.93	3.02

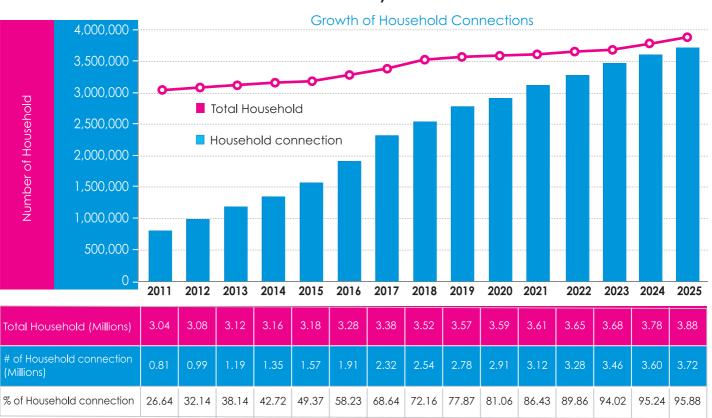
#### Growth of Number of Connections and Electric Power Categorized by Type of Consumers from in 2025

		ED	С	Licen	sees		То	tal	
No	<b>Description</b>	Consumers	GWh	Consumers	GWh	Consumers	%	GWh	%
1	Consumers connected at high voltage feeder	16	617.05			16	0.00	617.05	3.20
	General Tariff Payment	11	98.09			11	0.00	98.09	0.51
	Time of Use and Capacity Charge Tariff Payment	3	404.72			3	0.00	404.72	2.10
	For consumers who install Solar PV System	2	114.24			2	0.00	114.24	0.59
2	Industrial consumers connected at medium voltage feeder from Substation in Phnom Penh and Takhmao	2	94.81			2	0.00	94.81	0.49
	General Tariff Payment	1	28.60			1	0.00	28.60	0.15
	Time of Use and Capacity Charge Tariff Payment	1	66.21			1	0.00	66.21	0.34
	For consumers who install Solar PV System					-	-	-	-
3	Agricultural consumers connected at medium voltage feeder from Substation in Phnom Penh and Takhmao					-	-	-	-
	General Tariff Payment					-	-	-	-
	Time of Use and Capacity Charge Tariff Payment					-	-	-	-
	For consumers who install Solar PV System					-	-	_	-
4	Commercial consumers connected at medium voltage feeder from Substation in Phnom Penh and Takhmao	36	334.39			36	0.00	334.39	1.73
	General Tariff Payment	32	249.33			32	0.00	249.33	1.29
	Time of Use and Capacity Charge Tariff Payment	1	15.28			1	0.00	15.28	0.08
	For consumers who install Solar PV System	3	69.78			3	0.00	69.78	0.36
5	Industrial consumers connected at medium voltage feeder from Substation outside Phnom Penh and Takhmao	21	514.31			21	0.00	514.31	2.67
	General Tariff Payment	19	390.97			19	0.00	390.97	2.03
	Time of Use and Capacity Charge Tariff Payment	2	123.34			2	0.00	123.34	0.64
	For consumers who install Solar PV System					-	-	-	-
6	Agricultural consumers connected at medium voltage feeder from Substation outside Phnom Penh and Takhmao	2	6.19			2	0.00	6.19	0.03
	General Tariff Payment	2	6.19			2	0.00	6.19	0.03
	Time of Use and Capacity Charge Tariff Payment					-	<del>-</del>	-	-
	For consumers who install Solar PV System					-	-	-	-
7	Commercial consumers connected at medium voltage feeder from Substation outside Phnom Penh and Takhmao	8	67.99			8	0.00	67.99	0.35
	General Tariff Payment	7	67.76			7	0.00	67.76	0.35
	Time of Use and Capacity Charge Tariff Payment					-	-	-	-
	For consumers who install Solar PV System	1	0.23			1	0.00	0.23	0.00
8	Industrial consumers connected at medium voltage	871	1,272.92	2,943	2,785.60	3,814	0.10	4,058.52	21.05
	General Tariff Payment	826	1,095.88	2,927	2,739.85	3,753	0.09	3,835.73	19.90
	Time of Use and Capacity Charge Tariff Payment	24	83.95	2	2.68	26	0.00	86.63	0.45
	For consumers who install Solar PV System	21	93.09	14	43.07	35	0.00	136.16	0.71

		ED	С	Licen	sees		To	al	
No	<b>Description</b>	Consumers	GWh	Consumers	GWh	Consumers	%	GWh	%
9	Agricultural consumers connected at medium voltage	102	94.44	945	471.74	1,047	0.03	566.18	2.94
	General Tariff Payment	102	94.44	941	465.17	1,043	0.03	559.61	2.90
	Time of Use and Capacity Charge Tariff Payment			-	-	-	-	-	-
	For consumers who install Solar PV System			4	6.58	4	0.00	6.58	0.03
10	Commercial, administration and other consumers connected at medium voltage	2,535	2,475.88	1,505	923.54	4,040	0.10	3,399.42	17.63
	General Tariff Payment	2,409	2,379.46	1,490	918.96	3,899	0.10	3,298.42	17.11
	Time of Use and Capacity Charge Tariff Payment	2	11.16	-	-	2	0.00	11.16	0.06
	For consumers who install Solar PV System	10	12.62	4	3.48	14	0.00	16.10	0.08
	For public administration consumers paid with state budget (general tariff payment)	114	72.64	11	1.10	125	0.00	73.74	0.38
11	Industrial consumers with meter at low voltage of consumer's transformer	424	153.91	660	77.32	1,084	0.03	231.23	1.20
	General Tariff Payment	418	151.00	658	76.71	1,076	0.03	227.71	1.18
	Time of Use and Capacity Charge Tariff Payment	1	1.16	2	0.60	3	0.00	1.76	0.01
	For consumers who install Solar PV System	5	1.75	<del>-</del>	<del>-</del>	5	0.00	1.75	0.01
12	Agricultural consumers with meter at low voltage of consumer's transformer	71	6.66	567	41.40	638	0.02	48.06	0.25
	General Tariff Payment	71	6.66	567	41.40	638	0.02	48.06	0.25
	Time of Use and Capacity Charge Tariff Payment			-	<del>-</del>	-		<del>-</del>	<u>-</u>
	For consumers who install Solar PV System			-	<del>-</del>	-		<del>-</del>	<del>-</del>
13	Industrial consumers with meter at low voltage of licensee's transformer	50	11.40	250	31.49	300	0.01	42.89	0.22
	General Tariff Payment	49	11.40	249	31.45	298	0.01	42.85	0.22
	Time of Use and Capacity Charge Tariff Payment	1		1	0.04	2	0.00	0.04	0.00
14	Agricultural consumers with meter at low voltage of licensee's transformer	7	0.68	231	13.14	238	0.01	13.82	0.07
	General Tariff Payment	7	0.68	228	12.78	235	0.01	13.46	0.07
	Time of Use and Capacity Charge Tariff Payment			3	0.36	3	0.00	0.36	0.00
15	Commercial, administration and other consumers with meter at low voltage of consumer's transformer	1,888	293.66	1,106	183.78	2,994	0.08	477.44	2.48
	General Tariff Payment	1,770	275.94	1,081	180.49	2,851	0.07	456.43	2.37
	Time of Use and Capacity Charge Tariff Payment	1	1.33	<del>-</del>	<del>-</del>	1	0.00	1.33	0.01
	For consumers who install Solar PV System	8	1.92	1	0.00	9	0.00	1.92	0.01
	For public administration consumers paid with state budget (general tariff payment)	109	14.47	24	3.28	133	0.00	17.75	0.09
16	Commercial, administration and other consumers with meter at low voltage of licensee's transformer	736	114.48	995	35.92	1,731	0.04	150.40	0.78
	General Tariff Payment	662	81.78	984	35.26	1,646	0.04	117.04	0.61
	Time of Use and Capacity Charge Tariff Payment		0.46	-	-	-	- -	0.46	0.00
	For consumers who install Solar PV System	1	0.07	-	<del>-</del>	1	0.00	0.07	0.00
	For public administration consumers paid with state budget (general tariff payment)	73	32.17	11	0.65	84	0.00	32.82	0.17
17	Residential Consumers connected at low voltage	1,350,669	2,955.47	2,365,551	2,459	3,716,220	94	5,414	28
	Monthly consumption from 1kWh to 10kWh	133,970	6.04	282,931	11.35	416,901	10.50	17.39	0.09
	Monthly consumption from 11kWh to 50kWh	279,552	102.65	852,781	314.91	1,132,333		417.56	2.17
	Monthly consumption from 51kWh to 200kWh	350,146	505.33	986,219	1,127.49	1,336,365		1,632.82	8.47

		EC	С	Licen	sees		To	tal	
No	Description	Consumers	GWh	Consumers	GWh	Consumers	%	GWh	%
	Residential consumers in Svay Rieng, Kampong Trach, Ponhea Krek, Memot and Keo Seima areas (650Riel/kWh	) 133,506	212.18	-	<u>-</u>	133,506	3.36	212.18	1.10
	Residential consumers in Snuol area (600Riel/kWh)	14,936	22.10	-	-	14,936	0.38	22.10	0.11
	Residential consumers in Ratanakiri area (670Riel/kWh)	3,459	7.21	-	<del>-</del>	3,459	0.09	7.21	0.04
	Residential consumers at Thailand Border O-Smach, Krong Poipet, Krong Khemarak Phoumin			42,420	238.49	42,420	1.07	238.49	1.24
	Residential consumers in Vietnam Border Chrey Thom			25,578	27.99	25,578	0.64	27.99	0.15
	Residential consumers supply by diesel generator in Koh Rong Sanleum and Koh Kong Krav			238	0.32	238	0.01	0.32	0.00
	Residential consumers supply by Solar PV System			659	0.03	659	0.02	0.03	0.00
18	Other than residential Consumers connected at low voltage	105,960	2,116.66	117,757	924.71	223,717	5.63	3,041.37	15.78
	Tariff of National Grid (730Riel/kWh)	97,959	2,007.63	117,757	924.71	215,716	5.43	2,932.34	15.21
	Kampong Trach, Ponhea Krek, Memot, Keo Seima and SvayRieng areas (650Riel/kWh)	5,508	91.46	-	-	5,508	0.14	91.46	0.47
	Snuol area (600Riel/kWh)	343	3.22	-	-	343	0.01	3.22	0.02
	Ratanakiri area (670Riel/kWh)	2,148	14.32	<del>-</del>	<del>-</del>	2,148	0.05	14.32	0.07
	Memot area (500Riel/kWh)	2	0.03	-	-	2	0.00	0.03	0.00
19	Schools, hospitals, and referral healthcare centers in rural areas connected at low voltage	404	1.06	7,245	22.59	7,649	0.19	23.65	0.12
20	Water pump for agriculture and agricultural consumers for consumption from 9pm to 7am	438	52.02	2,774	122.83	3,212	0.08	174.85	0.91
	Connected at medium voltage	277	1.75	1,837	95.65	2,114	0.05	97.40	0.51
	Connected at low voltage	161	50.27	937	27.18	1,098	0.03	77.45	0.40
21	Licensees	5,562	8,673.13	-	-	5,562	0.14		
	Total	1,469,802	19,857.11	2,502,529	8,093.07	3,972,331	100	19,277.05	100

#### 4.2 Growth of Household Connections for the last 15 years



#### 5. Progress of Electricity Tariff Reduction

#### 5.1 Tariff Reduction Plan for Electricity Supplied by National Grid

In accordance with the Ministry of Mines and Energy's Prakas N° 0275.ME.T.EBP.PR., dated November 4, 2024, the Revision of Article 2, Point 4 of Prakas N° 0275.ME.T.EBP.PR., on the Implementation of the Electricity Tariff Plan Decision N° 008.SR.25.EAC, dated January 22, 2025, the Royal Government has decided to add types of Commercial, Takhmao. Meanwhile for types of Industrial and Agricultural consumers connected at MV feeder of substation outside who install Solar PV system for use at night, the tariff, conditions and some tariff structures have been revised and

#### Type of Purchase

#### 1. Direct Electricity Supply from National Grid Substation

Purchase from high voltage feeder

Commercial consumers connected at MV feeder of substations within Phnom Penh and Takhmao

Commercial consumers connected at MV feeder of substations outside Phnom Penh and Takhmao

Industrial and agricultural consumers connected at MV feeder of substations within Phnom Penh and Takhmao

Industrial and agricultural consumers connected at MV feeder of substations outside Phnom Penh and Takhmao

#### 2. Electricity Supply by EDC within and outside Phnom Penh and Takhmao

Industrial and agricultural consumers connected at medium voltage

Commercial, administration and other consumers connected at medium voltage

Public administration consumers paid with state budgets connected at medium voltage

Industrial and agricultural consumers with meter at low voltage of consumer's transformer

Industrial and agricultural consumers with meter at low voltage of licensee's transformer

Commercial, administration and other consumers with meter at low voltage of consumer's transformer

Public administration consumers paid with state budgets connected at low voltage of consumer's transformer

Commercial, administration and other consumers with meter at low voltage of licensee's transformer

Public administration consumers paid with state budgets connected at low voltage of licensee's transformer

Residents consume from 1 to 10kWh/month

Residents consume from 11 to 50kWh/month

Residents consume from 51 to 200kWh/month

Residents (>200kWh/month), other than residents

Schools, Hospitals and Referral Healthcare Centers in rural areas

Water pump for agriculture and agricultural consumers and consumers who install Solar PV system from 9PM to 7AM, connected at MV and LV (Consumer's transformer or licensees's transformer)

Water pump for agricultural and agricultural consumers and consumers who install Solar PV System from 9PM to 7AM, connected at LV

#### 3. Electrictiy Supply by Licensees and Sub-Transmissions

Industrial and agricultural consumers connected at medium voltage

Commercial, administration and other consumers connected at medium voltage

Public administration consumers paid with state budgets connected at medium voltage

on the Implementation of the Electricity Tariff Plan for 2025; N° 0343.ME.T.EBP.PR., dated December 6, 2024, on for 2025 by the Ministry of Mines and Energy and Decision of the Electricity Authority of Cambodia issued the Industrial and Agricultural consumers connected at MV feeder of substation within and outside Phnom Penh and Phnom Penh and Takhmao and types of water pump for agriculture and agricultural consumers and consumers adjusted; yet, the change does not affect the tariff for consumers as shown in the table below:

11-21			T	ariff to be ap	plied by yed	ır		
Unit	2019	2020	2021	2022	2023	2024	2025	2026
\$/kWh	0.1170	0.1170	0.1170	0.1170	0.1170	0.1170	0.1170	0.1170
\$/kWh	0.1350	0.1320	0.1320	0.1320	0.1320	0.1320	0.1320	0.1320
\$/kWh	0.1220	0.1210	0.1210	0.1210	0.1210	0.1210	0.1320	0.1320
\$/kWh	0.1350	0.1320	0.1320	0.1320	0.1320	0.1320	0.1320	0.1320
\$/kWh	0.1220	0.1210	0.1210	0.1210	0.1210	0.1210	0.1270	0.1270
\$/kWh	0.1470	0.1370	0.1370	0.1370	0.1370	0.1370	0.1370	0.1370
\$/kWh	0.1590	0.1580	0.1580	0.1580	0.1580	0.1580	0.1580	0.1580
₹/kWh				653	653	653	653	653
\$/kWh	0.1529	0.14248	0.14248	0.14248	0.14248	0.14248	0.14248	0.14248
\$/kWh	0.1609	0.15048	0.15048	0.15048	0.15048	0.15048	0.15048	0.15048
\$/kWh	0.1654	0.16432	0.16432	0.16432	0.16432	0.16432	0.16432	0.16432
₹/kWh				679	679	679	679	679
\$/kWh	0.1734	0.17232	0.17232	0.17232	0.17232	0.17232	0.17232	0.17232
₹/kWh				712	712	712	712	712
₹/kWh	380	380	380	380	380	380	380	380
ł/kWh	480	480	480	480	480	480	480	480
ł/kWh	610	610	610	610	610	610	610	610
ł/kWh	740	730	730	730	730	730	730	730
₹/kWh	610	610	610	610	610	610	610	610
\$/kWh							0.1200	0.1200
ł/kWh	480	480	480	480	480	480	480	480
				,	,			
\$/kWh	0.1470	0.1370	0.1370	0.1370	0.1370	0.1370	0.1370	0.1370
\$/kWh	0.1590	0.1580	0.1580	0.1580	0.1580	0.1580	0.1580	0.1580
₹/kWh				653	653	653	653	653

Industrial and agricultural consumers with meter at low voltage of consumer's transformer

Industrial and agricultural consumers with meter at low voltage of licensee's transformer

Commercial, administration and other consumers with meter at low voltage of consumer's transformer

Public administration consumers paid with state budgets connected at low voltage of consumer's transformer

Commercial, administration and other consumers with meter at low voltage of licensee's transformer

Public administration consumers paid with state budget connected at low voltage of licensee's transformer

Residents consume from 1 to 10kWh/month

Residents consume from 11 to 50kWh/month

Residents consume from 51 to 200kWh/month

Residents (>200kWh/month), other than residents in provincial towns

Schools, Hospitals and Referral Healthcare Centers in rural areas

Water pump for agriculture and agricultural consumers and consumers who install Solar PV system from 9PM to 7AM, connected at MV and LV (Consumer's transformer or licensees's transformer)

Water pump for agricultural agricultural consumers and consumers who install Solar PV System from 9PM to 7AM, connected at LV

# 5.2 Time of Use and Capacity Charge tariff for Bulk, Big and Medium Consumers for "Type of Industrial and Agricultural Consumers" and "Type of Commercial, Administration and other Consumers" Connected to National Grid

In accordance with the Ministry of Mines and Energy's Prakas N° 0275.ME.T.EBP.PR., dated November 4, 2024, on the implementation of the Electricity Tariff Plan for 2025; N° 0343.ME.T.EBP.PR., dated December 6, 2024, on the Revision of Article 2, Point 4 of Prakas N° 0275.ME.T.EBP.PR., on the implementation of the Electricity Tariff Plan for 2025 by the Ministry of Mines and Energy, the Electricity Authority of Cambodia issued the decision N° 008.SR.25.EAC, dated January 22, 2025, has set the tariff for Time of Use and Capacity Charge for 2025 as shown in the table below:

		Capacity	Energy	Charge
No	Type of consumers and conditions for connection	Charge USD/kW/Month	Time of Use 07:00-21:00 USD/kWh	Time of Use 21:00-7:00 USD/kWh
1	Consumers connected at high voltage feeder from National Grid Substation	2.00	0.1140	0.0980
2	Industrial and agricultural concumers connected at MV feeder of substations within Phnom Penh and Takhmao	2.50	0.1290	0.1000
3	Industrial and agricultural consumers connected at MV feeder of substations outside Phnom Penh and Takhmao	2.50	0.1240	0.1000
4	Industrial and agricultural consumers connected at medium voltage	3.00	0.1300	0.1100
5	Commercial, administration and other consumers connected at medium voltage	3.50	0.1500	0.1240
6	Industrial and agricultural consumers with meter at low voltage of consumer's transformer	3.00	0.13520	0.11440
7	Industrial and agricultural consumers with meter at low voltage of licensee's transformer	3.00	0.14320	0.12240
8	Commercial, administration and other consumers with meter at low voltage of consumer's transformer	3.50	0.15600	0.12896
9	Commercial, administration and other consumers with meter at low voltage of licensee's transformer	3.50	0.16400	0.13696

\$/kWh	0.1529	0.14248	0.14248	0.14248	0.14248	0.14248	0.14248	0.14248
\$/kWh	0.1609	0.15048	0.15048	0.15048	0.15048	0.15048	0.15048	0.15048
\$/kWh	0.1654	0.16432	0.16432	0.16432	0.16432	0.16432	0.16432	0.16432
₹/kWh				679	679	679	679	679
\$/kWh	0.1734	0.17232	0.17232	0.17232	0.17232	0.17232	0.17232	0.17232
₹/kWh				712	712	712	712	712
₹/kWh	380	380	380	380	380	380	380	380
₹/kWh	480	480	480	480	480	480	480	480
₹/kWh	610	610	610	610	610	610	610	610
₹/kWh	740	730	730	730	730	730	730	730
៛/kWh	610	610	610	610	610	610	610	610
\$/kWh							0.1200	0.1200
∄/kWh	480	480	480	480	480	480	480	480

## 5.3 Compensation tariff paid by Consumers for using National Grid electricity to supplement energy generated from their Rooftop Solar PV System

In accordance with the Ministry of Mines and Energy's Prakas N° 0312.ME.DTEBP.Prakas, dated November 18, 2024, on Updated Principles for permitting the use of Rooftop Solar Power in Cambodia in 2025 and accordance with the Decision of the Electricity Authority of Cambodia N° 101.SR.25.EAC, dated May 29, 2025, on the Determination of Compensation Tariff to be paid by consumers using the National Grid to back up their Rooftop Solar PV Installation as shown in the table below:

No	Capacity Size of Roof	Compensation Tariff USD/kWh	Compensation Tariff Riel/kWh		
1	Small Size	Less than 10 kWac	No compensation tariff shall be applied		
2		More than 10 kWac to 50 kWac	0.037	148	
3	Medium Size	More than 50 kWac to 100 kWac	0.047	188	
4		More than 100 kWac to 200 kWac	0.052	208	
5	Large Size	More than 200 kWac to 500 kWac	0.055	220	
6		More than 500 kWac to 1,000 kWac	0.058	232	
7		More than 1,000 kWac	0.060	240	

In case, consumers install a battery energy storage system with Rooftop Solar PV System to accommodate their usage requirements, and the energy (kWh) discharged by that battery energy storage system in any given month is from 50% of the amount of energy generated by the Rooftop Solar PV System, it shall be considered that, for that month, the consumers have used their battery energy storage system to fully meet their consumption needs. Therefore, consumers are not required to pay the above-mentioned compensation tariff. On the other hand, in any given month, if the amount of energy (kWh) discharged from the battery energy storage system is less than 50% of the energy generated by the Rooftop Solar PV System, the consumers shall pay the compensation tariff for the insufficient amount of energy with the formula below:

Compensation tariff to be paid = {Amount of energy generated by Rooftop Solar PV System (kWh) - [2 \* energy discharged by Battery Energy Storage System (kWh)]} \* Compensation Tariff in the table above

### 5.4 Achievement of Tariff Reduction Plan and Tariff Preference for Residential Consumers in 2025, Number of Residents and Tariff based on Monthly Consumption of Residents in 2025

Electricity Consumption	Classification of Electricity Consumption per month (kWh)											
(kWh) per month	0-10	11-50	51-100	101-200	201-1,000	1,001-2,000	>=2,001	Total				
1. Distibution Areas of EDC within Phnom Penh and Takhmao												
- Number of Residents by type	98,848	211,571	85,076	100,067	278,066	35,153	11,750	820,531				
- Number of Residents by type (%)	12.05%	25.78%	22.56%		39.60%							
- Tariff per kWh	380≨	480 <del>1</del>	610 <del>1</del>		730 <del>l</del>							
2. Distribution Areas of EDC at Province-City												
- Number of Residents by type	35,122	67,981	73,949	91,054	100,300	7,711	2,119	378,236				
- Number of Residents by type (%)	9.29%	17.97%	43.62%		29.12%							
- Tariff per kWh	380 <del>1</del>	480 <del>1</del>	610៛		730 <del>l</del>							
3. Distibution Areas of Licensees												
- Number of Residents by type	282,931	852,781	581,654	404,565	169,511	4,425	789	2,296,656				
- Number of Residents by type (%)	12.32%	37.13%	42.94%		7.61%							
- Tariff per kWh	380៛	480៛	610§		7301							
T-4-11-0-2	416,901	1,132,333	740,679	595,686	547,877	47,289	14,658	3,495,423				
Total 1+2+3	11.93%	32.39%	38.23%		17.45%							

#### 5.5 Situation of Tariff Gap Reduction in Cambodia for the Year 2025

As of 2025, the Electricity Authority of Cambodia has issued 378 licensed areas covering 14,557 villages, accounting for 99.91% of the total villages nationwide. Among the 378 distribution licenses, 370 licenses, covering 14,435 villages, accounting for 99.07% are implementing the tariff from National Grid. Meanwhile, for other 8 licenses covering 122 villages, of which 2 licenses, covering 112 villages, accounting for 0.77%, located along the Cambodia-Thailand border, are implementing the incomplete tariff from the National Grid; 4 licenses, covering 8 villages, accounting for 0.06%, which supply electricity by small-scale Solar PV Systems, are implementing the tariff of 730 Riels while the other 2 villages covering 2 villages, accounting for 0.01%, which supply electricity by isolated system with diesel generation, are implementing the variable tariff based on diesel prices, ranging from 2,500 to 2,900 Riels.