

Greater Mekong Sub-region (GMS)

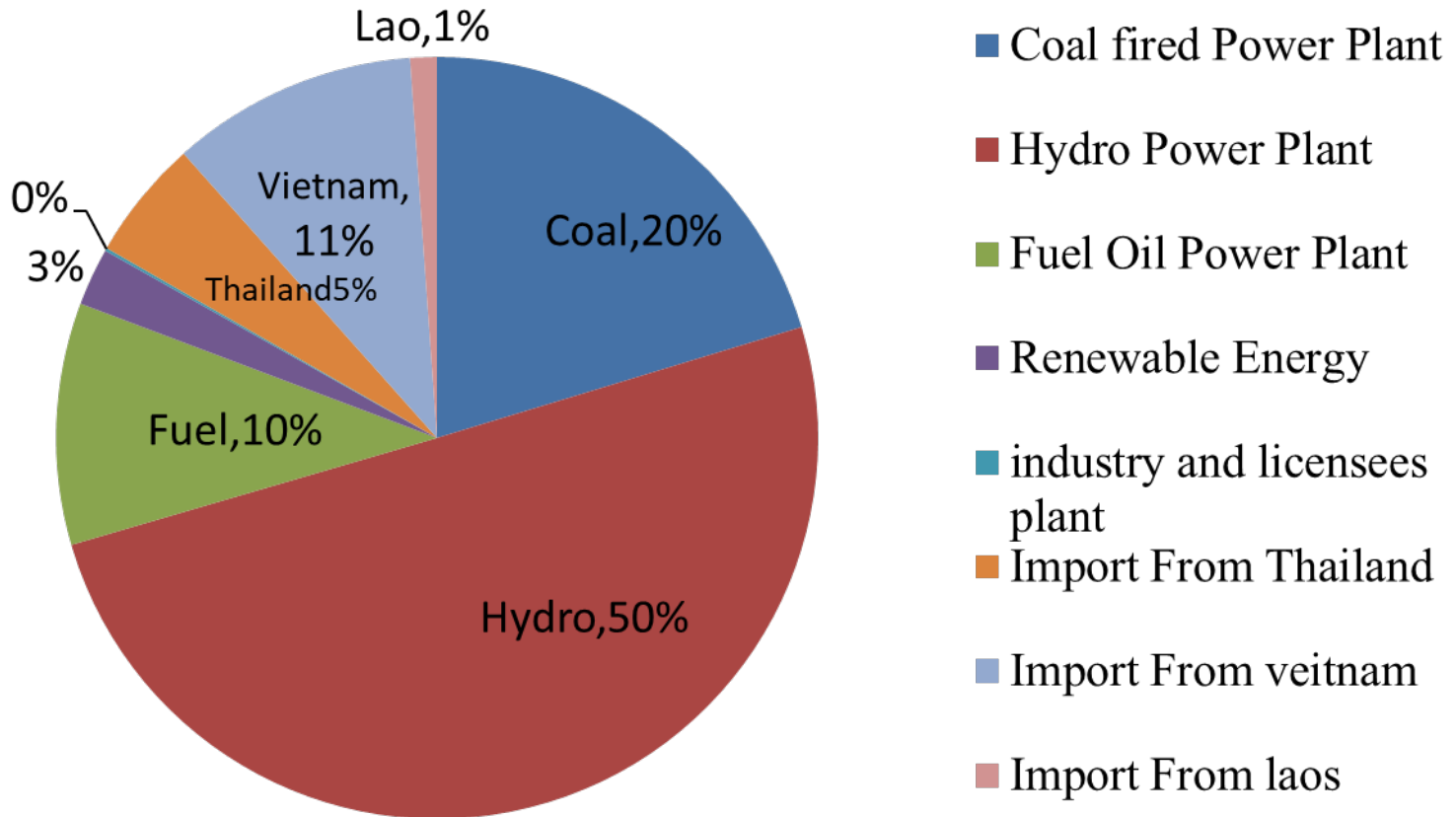
**25th Meeting of the Regional Power Trade
Coordination Committee (RPTCC-25)**

21-22 March 2019, Thailand

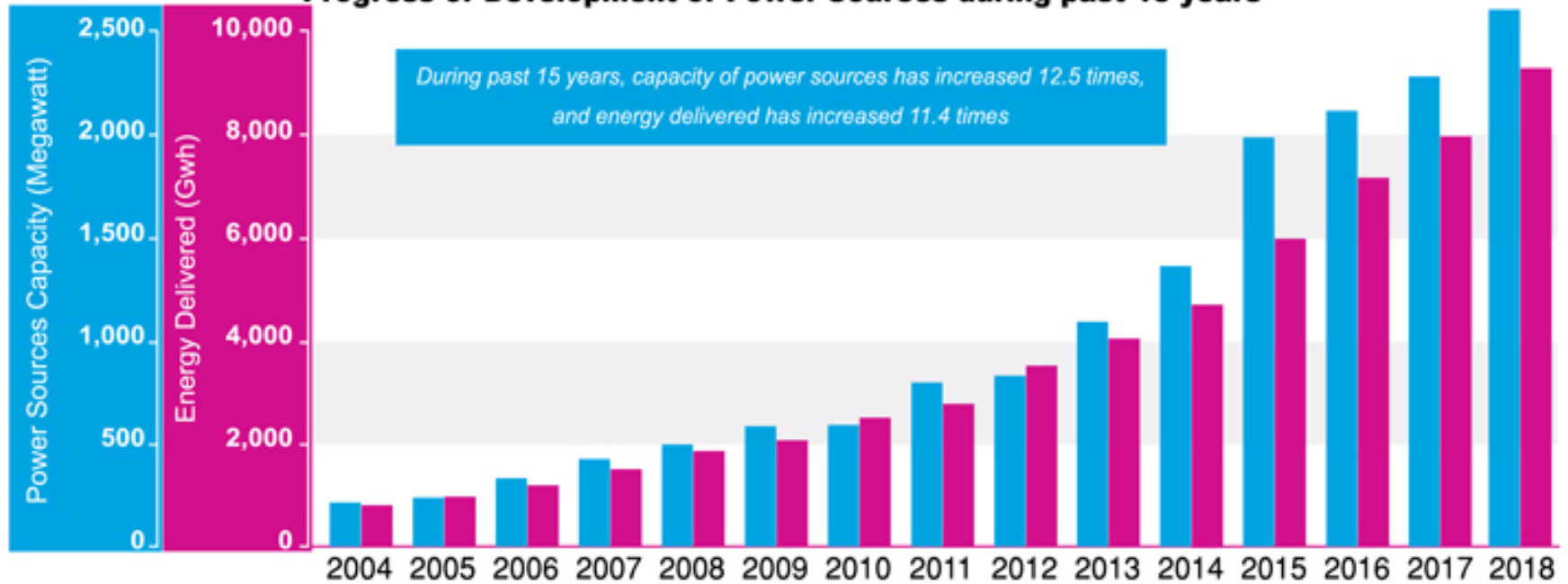
CAMBODIA

Power Situation

Energy Mix in 2018



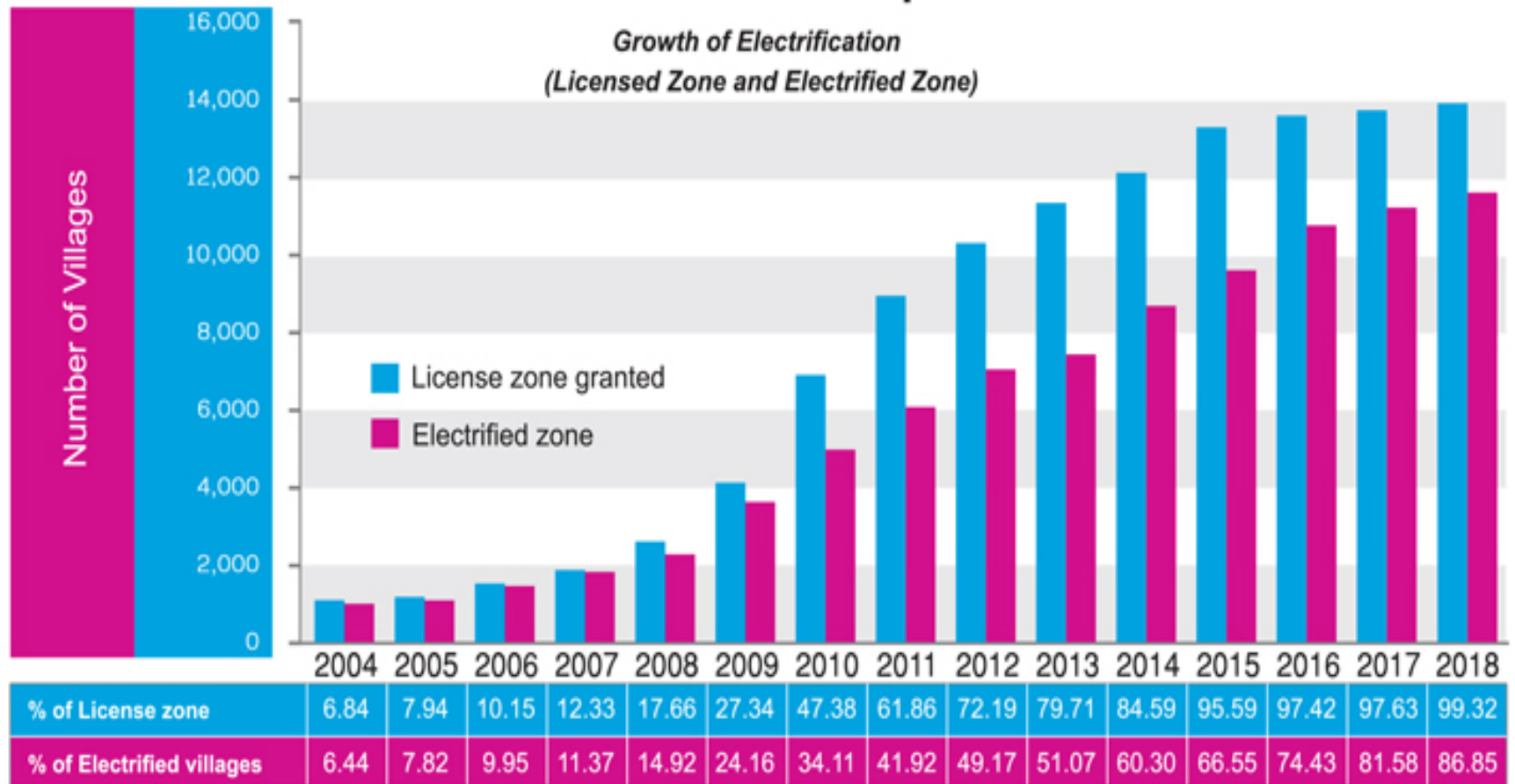
Progress of Development of Power Sources during past 15 years



Power Sources Capacity (MW)	208	231	325	419	490	579	584	793	825	1,088	1,359	1,986	2,115	2,322	2,650
Energy Delivered (GWh)	814	977	1,203	1,517	1,858	2,077	2,515	2,788	3,527	4,051	4,713	5,990	7,175	8,073	9,307
Energy Increase (%)	15.41	19.80	24.46	26.73	22.52	11.76	21.08	13.26	23.84	14.83	16.35	27.09	19.79	14.78	15.29

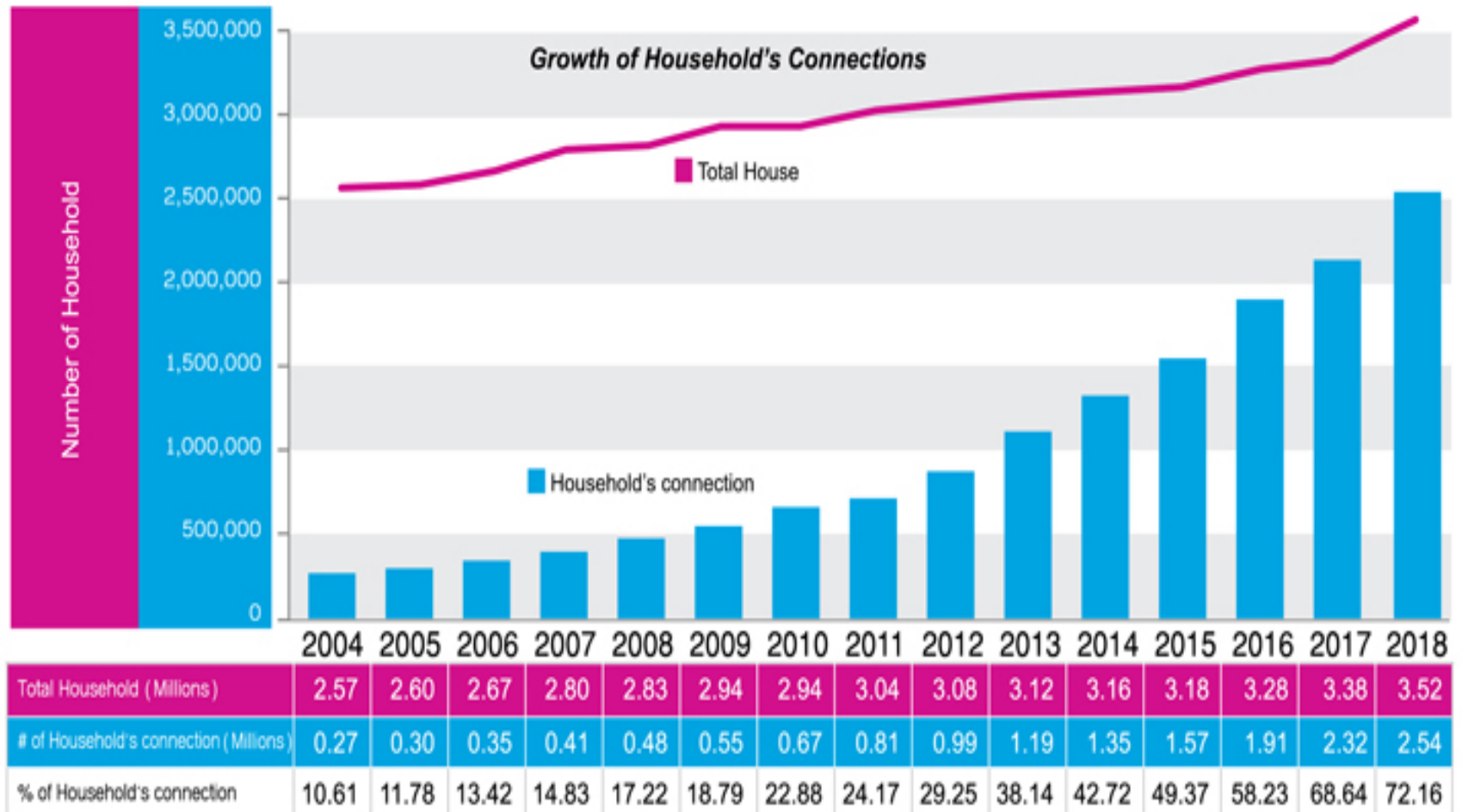
In 2018, the Power Source Capacity is 2,650 MW and Energy Increase is 15.29%

Growth of Distribution Network Development for Past 15 Years



In 2018, the Percentage of Electrified villages is 86.85%

Growth of Household's Connections for Past 15 Years



In 2018, the Percentage of Households Connection is 72.16%

Existing Substation & Transmission Line

Transmission	Unit	2011	2012	2013	2014	2015	2016	2017	2018
115 kV line	km	374	406	423	446	493	518	678	678
230 kV line (Double Circuit)	km	181	606	827	893	893	893	893	893
115 kV Substation	Number/MVA	7/506	8/601	12/901	13/1,095	15/1,240	16/1,290	19/1,640	21/1,720
230 kV Substation	Number/MVA	3/466	6/606	9/1,206	11/1,440	12/1,790	12/1,790	13/2,115	14/2,190

(1) Power Generation Development Planning

No	Companies Names	Power Project	Install Capacity (MW)	Years COD
1	CEL II	Coal Power Plant	135	2019
2	CHNEITEC ENERGY CO., LTD	Solar Park	180	2020/2021
3	ADB	Solar Park	60	2021
4	CIIDG II	Coal Power Plant	350	2023
5	SPHP Co., Ltd.	Hydro Power Plant	80	2023/2024
5	CIIDG II	Coal Power Plant	350	2024

(2) Power Transmission Development Planning

No	230 KV Transmission line	Km	Operation Year	Capital Source
1	Battambang-Siemreap-K.thom-K.cham	350	2019	CEIB
2	Phnom Penh Loop line II	96	2019	CEIB
3	Tatay Hydropower-Phnom Penh	182	2021	BOT
4	GS Koh kong-Koh kong City	20	2019	AFD
5	GS Chamkar Loung-GS Botumsakor	54	2019	AFD
6	GS Botumsakor-Tatay Hydropower	70	2019	LDP
7	GS Kratie-GS Mondulkiri	170	2019	CEIB
8	GS Ratanakiri-GS stung treng	120	2020	CEIB
9	GS stung treng-Lao Border	53	2021	EDC
10	GS Beak chan-GS5-NCC	20	2021	JICA Phase II
11	GS Tropang Prasat-GS Siem Reap	30	2022	BOT



- Power Purchase Agreement (PPA) 200MW (2021) between EDC & EDL 5 March 2019

- Under the Project on Revision of Cambodia Power Development Master Plan (by the Chugoku Electric Power Co., Inc.)





Thank You for your kind attention!

