Statistical Digest 2017

CEYLON ELECTRICITY BOARD

SUMMARY STATISTICS - 2017

	Units	2016	2017	Annual Percentage Change
Number of Power Stations (with PPP)	No.	232	247	6.5%
Installed Capacity (with PPP)	MW	4,018	4,087	1.7%
Maximum Demand (with PPP)	MW	2,453	2,523	2.9%
Net Generation (with PPP)	GWh	14,148	14,671	3.7%
Trans. & Distri. Losses (On Net Generation)	%	9.63	8.45(a)	-1.2
Gross Units Sold	GWh	12,785	13,431	5.1%
Average Selling Price Per Unit	Rs/kWh	16.18	16.26	0.5%
Average Cost per Unit (@ selling point)	Rs/kWh	18.08	20.34	12.5%
Revenue from Billed Sales	M.Rs	206,892	218,450	5.6%
Consumer Accounts	No.	5,964,194	6,193,131	3.8%
Rooftop Solar PV Connections	No.	5,155	7,861(a)	52.5%
- Capacity	kW	32,912	70,442(a)	114.0%
Self Generation - Generation	MWh	151	37,531	
- Cost	M.Rs	4	1,085	
Area Offices	No.	62	62	0.0%
CSCs	No.	212	217	2.4%
No. of POS Centers Operated by CEB	No.	64	65	1.6%
No. of Households Electrified During the Year	No.	277,038	181,627	-34.4%
System Load Factor (Calculated on Net Generation)	%	65.67	66.37	1.1%
Total Employed (as at year end)	No.	19,186	20,343	6.0%
Capital Investments	M.Rs	39,470	50,461	27.8%
Net Fixed Assets in Operation (average)	M.Rs	703,416	722,877	2.8%
Rate of Return on fixed assets	%	-1.36	-4.34	219.1%
No. of Consumers per Employee	No./Employee	311	304	-2.1%
Per Capita Av. Electricity Consumption	kWh/Person	603	626	3.8%
Consumers per unit length of Distribution lines	No./ km	34.8	35.1	
Electricity Elasticity (w.r.t. GDP)		0.14	0.14	
Total Energy Consumption in Sri Lanka	kTOE	9,715.8 (a)		
Per Capita Energy Consumption in Sri Lanka	kgOE/Person	458 (a)		
Share of Elect. in Total Energy Supply	%	11.25 (a)		

CSC : Consumer Service Centres

POS : Point of Sales

PPP : Private Power Producers

(a) - Provisional

Note :- (1) All financial data are provisional.

(2) Electricity tariffs were last revised in 2014, ToU Tariff for Domestic Consumers introduced in 2017.

GENERATION STATISTICS

Owenership & Type of Power Station		No. of Power Stations			Installed Capacity (MW)		
		2016	2017	% Change	2016	2017	% Change
CEB :	**Total**	**26**	**26**	**0.0%**	**2,891**	**2,898**	**0.3%**
	Hydro	17	17	0.0%	1,384	1,391	0.5%
	Thermal (Oil)	7	7	0.0%	604	604	0.0%
	Thermal (Coal)	1	1	0.0%	900	900	0.0%
	ORE (Wind)	1	1	0.0%	3	3	0.0%
PPP :	**Total**	**206**	**221**	**7.3%**	**1,127**	**1,189**	**5.5%**
	ORE (Mini Hydro)	172	182	5.8%	342	354	3.4%
	Thermal (Oil)	5	6	20.0%	611	629	2.9%
	ORE (Wind)	15	15	0.0%	128	128	0.0%
	ORE (Other)	14	18	28.6%	45	77	70.4%
Total		**232**	**247**	**6.5%**	**4,018**	**4,087**	**1.7%**

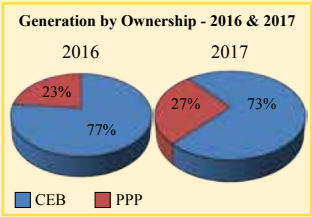
ORE - Other Renewable Energy (Mini Hydro, Solar, Dendro, Biomass, Wind)

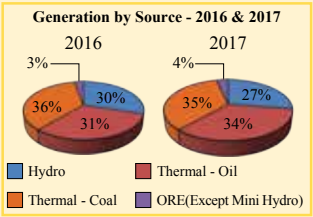
Ownership & Source		Generation (GWh)			Percentage of Total	
		2016	2017	% increase	2016	2017
CEB :	**Total**	**10,827**	**10,693**	**-1.2%**	**76.5%**	**72.9%**
	Hydro	3,481	3,059	-12.1%	24.6%	20.8%
	Thermal (Oil)	2,297	2,529	10.1%	16.2%	17.2%
	Thermal (Coal)	5,047	5,103	1.1%	35.7%	34.8%
	ORE (Wind)	2.1	2.2	2.8%	0.0%	0.0%
PPP :	**Total**	**3,322**	**3,978**	**19.8%**	**23.5%**	**27.1%**
	ORE (Mini Hydro)	739	945	28.0%	5.2%	6.4%
	Thermal (Oil)	2,164	2,516	16.3%	15.3%	17.1%
	ORE (Wind)	343	365	6.4%	2.4%	2.5%
	ORE (Other)	76	152	99.5%	0.5%	1.0%
Total Generation		**14,148**	**14,671**	**3.7%**	**100.0%**	**100.0%**
Av. Daily Generation - GWh/day		38.66	40.19	4.0%		

	Generation by Source (GWh)			Installed Capa. by Source (MW)		
	2016	2017	% increase	2016	2017	% increase
Major Hydro	3,481	3,059	-12.1%	1,384	1,391	0.5%
ORE (Mini Hydro)	739	945	28.0%	342	354	3.4%
Total Hydro	4,220	4,004	-5.1%	1,726	1,745	1.1%
Thermal (Oil)	4,461	5,045	13.1%	1,215	1,233	1.5%
Thermal (Coal)	5,047	5,103	1.1%	900	900	0.0%
ORE (Except Mini Hydro)	421	519	23.2%	177	209	18.1%
Total Generation	**14,148**	**14,671**	**3.7%**	**4,018**	**4,087**	**1.7%**

Day Maximum Demand (MW)	2,106.3	2,264.2	7.5%
Night Maximum Demand (MW)	2,452.9*	2,523.2**	7.4%
Hydro Reservoir Capacity (GWh)	1,259	1,258	

*On Monday, 25 April 2016
**On Wednesday, 17 May 2017

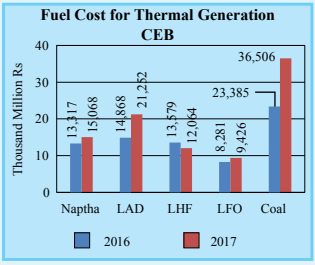


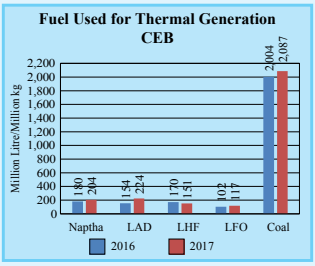


Note :- All generation figures indicated above refer to net generation.

FUEL USED FOR THERMAL GENERATION

CEB		Fuel Cost in M. Rs				Fuel Used in M. Litres	
Name of Power Station	Type of Fuel	2016 M. Rs	2016 Rs/kWh	2017 M. Rs	2017 Rs/kWh	2016	2017
KPS (small GT)	LAD	2,042	45.64	2,395	45.12	21	25
KPS (GT 7)	LAD	8,852	33.56	11,622	33.41	91	122
KPS (CC)	LAD	2,766	20.17	6,241	21.98	29	66
	Naphtha	13,317		15,068		180	204
SPPS (Diesel) A	LAD	402	19.01	447	19.16	4	5
	LHF	5,476		5,734		68	72
SPPS (Diesel) B	LAD	220	17.50	120	17.43	2	1
	LHF	8,103		6,331		101	79
Uthuru Janani PS	LAD	18	-	20	-	0	0
	LFO	1,889	18.60	1,799	18.83	22	21
Barge	LAD	9	-	9	-	0	0
	LFO	6,392	17.38	7,627	17.40	80	95
LVPS Puttalam (Coal)	LAD	559	4.73	399	7.21	6	4
	Coal	23,385		36,506		2,004(M.kg)	2,087(M.kg)
TOTAL		**73,430**	**9.89**	**94,317**	**12.22**	**606***	**695***

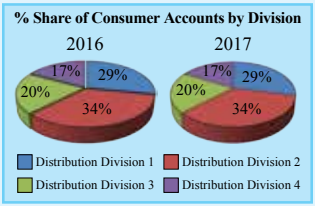




* Total of Fuel Oil (Except Coal) only.

RURAL ELECTRIFICATION SCHEMES

Year	No. of Schemes Completed
2011	561
2012	694
2013	799
2014	658
2015	378
2016	232
2017	107



ELECTRICITY SALES BY DISTRIBUTION DIVISIONS IN GWh

Distribution Provinces as per CEB Classification	CEB 2016	Percentage Change 2016/17	CEB 2017	Percentage of Total 2017	Monthly Av.Sales kWh/Cons. 2017
Colombo City	1,416	3.1%	1,460	10.9%	685
North Western	1,270	4.7%	1,330	9.9%	134
North Central	506	4.5%	529	3.9%	101
Northern	342	12.2%	384	2.9%	94
Division 1 Total	**3,534**	**4.8%**	**3,703**	**27.6%**	**173**
Western-North	2,049	7.1%	2,194	16.3%	293
Central	1,212	4.5%	1,266	9.4%	107
Eastern	626	7.4%	673	5.0%	109
Division 2 Total	**3,887**	**6.3%**	**4,133**	**30.8%**	**162**
Western-South II	1,319	4.2%	1,375	10.2%	277
Uva	333	5.3%	350	2.6%	77
Sabaragamuwa	491	4.5%	513	3.8%	92
Division 3 Total	**2,143**	**4.5%**	**2,239**	**16.7%**	**148**
Western-South I	652	7.1%	698	5.2%	209
Southern	1,016	4.8%	1,064	7.9%	118
Division 4 Total	**1,668**	**5.7%**	**1,762**	**13.1%**	**143**
Bulk Sup. to LECO	1,553	2.7%	1,595	11.9%	-
TOTAL	**12,785**	**5.1%**	**13,431**	**100.0%**	**181**

ELECTRICITY SALES BY TARIFF IN GWh

Tariff	CEB 2016	Percentage Change 2016/17	CEB 2017	Percentage of Total 2017	Monthly Av.Sales kWh/Cons. 2017
Domestic	**4,198**	**4.4%**	**4,385**	**32.6%**	**67**
Religious	**74**	**5.9%**	**78**	**0.6%**	**172**
General Purpose Total	**2,579**	**7.8%**	**2,780**	**20.7%**	**347**
GP 1 -Small	1,480	7.6%	1,593	11.9%	200
GP 2 - Medium	799	5.6%	843	6.3%	15,621
GP 3 - Large	300	14.4%	343	2.6%	221,893
Hotel Total	**247**	**10.0%**	**272**	**2.0%**	**44,736**
H 1 -Small	2	15.1%	3	0.0%	1,287
H 2 - Medium	160	6.0%	169	1.3%	45,638
H 3 - Large	85	17.5%	100	0.7%	556,243
Industrial Total	**3,864**	**4.6%**	**4,043**	**30.1%**	**5,551**
IP 1 -Small	330	-4.6%	315	2.3%	473
IP 2 - Medium	1,942	2.3%	1,987	14.8%	33,898
IP 3 - Large	1,591	9.4%	1,741	13.0%	539,195
Government Total	**160**	**5.9%**	**170**	**1.3%**	**7,837**
GV 1 -Small	3	7.8%	4	0.0%	212
GV 2 - Medium	154	5.6%	163	1.2%	37,769
GV 3 - Large	3	24.1%	4	0.0%	148,006
Bulk Supply to LECO					
L2 -11kV & above	**1,553**	**2.7%**	**1,595**	**11.9%**	**-**
Street Lighting	**109**	**-0.2%**	**108**	**0.8%**	**-**
TOTAL	**12,785**	**5.1%**	**13,431**	**100.0%**	**181**

NO. OF CONSUMER ACCOUNTS BY PROVINCE

Distribution Provinces as per CEB Classification	CEB 2016	Increase in Accounts 2017	Percentage Change 2016/17	CEB 2017	Percentage of Total 2017
Colombo City	175,128	2,465	1.4%	177,593	2.9%
North Western	797,194	31,724	4.0%	828,918	13.4%
North Central	422,903	13,271	3.1%	436,174	7.0%
Northern	306,565	32,855	10.7%	339,420	5.5%
Division 1 Total	**1,701,790**	**80,315**	**4.7%**	**1,782,105**	**28.8%**
Western-North	607,910	16,001	2.6%	623,911	10.1%
Central	957,200	24,934	2.6%	982,134	15.9%
Eastern	479,953	36,742	7.7%	516,695	8.3%
Division 2 Total	**2,045,063**	**77,677**	**3.8%**	**2,122,740**	**34.3%**
Western-South II	401,778	12,153	3.0%	413,931	6.7%
Uva	364,622	16,811	4.6%	381,433	6.2%
Sabaragamuwa	447,709	17,017	3.8%	464,726	7.5%
Division 3 Total	**1,214,109**	**45,981**	**3.8%**	**1,260,090**	**20.3%**
Western-South I	271,399	6,877	2.5%	278,276	4.5%
Southern	731,831	18,087	2.5%	749,918	12.1%
Division 4 Total	**1,003,230**	**24,964**	**2.5%**	**1,028,194**	**16.6%**
Bulk Sup. to LECO	1	0	0.0%	1	-
TOTAL	**5,964,194**	**228,937**	**3.8%**	**6,193,131**	**100.0%**

NO.OF CONSUMER ACCOUNTS BY TARIFF

Tariff	CEB 2016	Increase in Accounts 2017	Percentage Change 2016/17	CEB 2017	Percentage of Total 2017
Domestic	**5,243,433**	**181,627**	**3.5%**	**5,425,060**	**87.6%**
Religious	**36,382**	**1,617**	**4.4%**	**37,999**	**0.6%**
General Purpose Total	**623,694**	**43,368**	**7.0%**	**667,062**	**10.8%**
GP 1 -Small	619,450	42,986	6.9%	662,436	10.7%
GP 2 - Medium	4,122	375	9.1%	4,497	0.1%
GP 3 - Large	122	7	5.7%	129	negli.%
Hotel Total	**498**	**9**	**1.8%**	**507**	**0.01%**
H 1 -Small	186	-3	-1.6%	183	negli.%
H 2 - Medium	299	10	3.3%	309	negli.%
H 3 - Large	13	2	15.4%	15	negli.%
Industrial Total	**58,381**	**2,313**	**4.0%**	**60,694**	**1.0%**
IP 1 -Small	53,432	2,108	3.9%	55,540	0.9%
IP 2 - Medium	4,702	183	3.9%	4,885	0.1%
IP 3 - Large	247	22	8.9%	269	negli.%
Government Total	**1,804**	**3**	**0.2%**	**1,807**	**0.03%**
GV 1 -Small	1,450	-4	-0.3%	1,446	0.02%
GV 2 - Medium	352	7	2.0%	359	0.01%
GV 3 - Large	2	0	0.0%	2	negli.%
Bulk Supply to LECO					
L2 -11kV & above	**1**	**0**	**-**	**1**	**negli.%**
Street Lighting	**1**	**0**	**-**	**1**	**negli.%**
TOTAL	**5,964,194**	**228,937**	**3.8%**	**6,193,131**	**100.0%**

Note - Trans. Bulk Supply to LECO Accounts are accounted as one from 2011

negli. - negligible.

REVENUE FROM ELECTRICITY SALES BY PROVINCE IN M.Rs

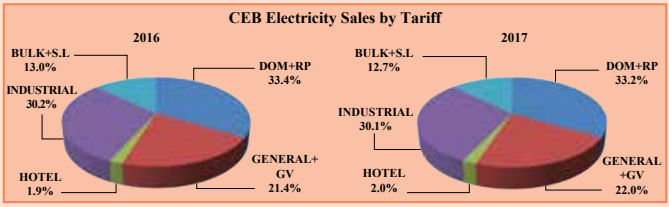
Distribution Provinces as per CEB Classification	CEB 2016	Percentage Change 2016/17	CEB 2017	Percentage of Total 2017	Ave.Price Rs/kWh 2017
Colombo City	32,352	2.5%	33,147	15.2%	22.71
North Western	18,485	5.9%	19,569	9.0%	14.72
North Central	7,457	5.2%	7,849	3.6%	14.83
Northern	5,507	11.4%	6,134	2.8%	15.97
Division 1 Total	**63,801**	**4.5%**	**66,698**	**30.5%**	**18.01**
Western-North	31,953	7.3%	34,285	15.7%	15.63
Central	17,948	5.7%	18,978	8.7%	14.99
Eastern	9,415	8.4%	10,205	4.7%	15.17
Division 2 Total	**59,315**	**7.0%**	**63,468**	**29.1%**	**15.36**
Western-South II	21,183	7.1%	22,686	10.4%	16.50
Uva	4,488	6.7%	4,790	2.2%	13.67
Sabaragamuwa	6,761	5.4%	7,128	3.3%	13.88
Division 3 Total	**32,432**	**6.7%**	**34,604**	**15.8%**	**15.46**
Western-South I	11,961	6.4%	12,726	5.8%	18.22
Southern	14,886	5.9%	15,771	7.2%	14.82
Division 4 Total	**26,848**	**6.1%**	**28,497**	**13.0%**	**16.17**
Bulk Sup. to LECO	24,496	2.8%	25,182	11.5%	15.79
TOTAL	**206,892**	**5.6%**	**218,450**	**100.0%**	**16.26**

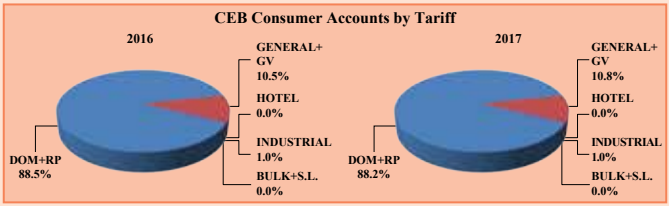
REVENUE FROM ELECTRICITY SALES BY TARIFF IN M.Rs

Tariff	CEB 2016	Percentage Change 2016/17	CEB 2017	Percentage of Total 2017	Ave. Price Rs/kWh 2017
Domestic	**56,358**	**4.8%**	**59,089**	**27.0%**	**13.48**
Religious	**530**	**6.8%**	**566**	**0.3%**	**7.21**
General Purpose Total	**61,629**	**7.1%**	**65,990**	**30.2%**	**23.74**
GP 1 -Small	33,767	7.6%	36,321	16.6%	22.80
GP 2 - Medium	20,806	4.9%	21,826	10.0%	25.89
GP 3 - Large	7,056	11.1%	7,842	3.6%	22.83
Hotel Total	**4,387**	**10.0%**	**4,826**	**2.2%**	**17.73**
H 1 -Small	55	10.2%	61	0.0%	21.46
H 2 - Medium	2,953	5.6%	3,118	1.4%	18.43
H 3 - Large	1,379	19.5%	1,647	0.8%	16.45
Industrial Total	**56,549**	**5.6%**	**59,694**	**27.3%**	**14.77**
IP 1 -Small	4,364	-3.6%	4,206	1.9%	13.34
IP 2 - Medium	30,191	4.2%	31,467	14.4%	15.84
IP 3 - Large	21,994	9.2%	24,021	11.0%	13.80
Government Total	**2,942**	**5.5%**	**3,103**	**1.4%**	**18.26**
GV 1 -Small	60	6.5%	64	0.0%	17.48
GV 2 - Medium	2,834	5.1%	2,980	1.4%	18.31
GV 3 - Large	48	22.3%	59	0.0%	16.53
Bulk Sup. to LECO					
L2 -11kV & above	**24,496**	**2.8%**	**25,182**	**11.5%**	**15.79**
Street Lighting	**-**	**-**	**-**	**-**	**-**
TOTAL	**206,892**	**5.6%**	**218,450**	**100.0%**	**16.26**

LECO ELECTRICITY SALES

	SALES BY TARIFF IN GWh			CONSUMER ACCOUNTS BY TARIFF		
	2016	2017	%Change	2016	2017	%Change
Domestic	**601**	**620**	**3.2%**	**457,462**	**467,939**	**2.3%**
Religious	**10**	**11**	**4.2%**	**2,540**	**2,604**	**2.5%**
General Purpose Total	**473**	**508**	**7.3%**	**82,434**	**87,363**	**6.0%**
GP 1 -Small	288	308	6.7%	81,341	86,167	5.9%
GP 2 - Medium	182	196	7.8%	1,091	1,193	9.3%
GP 3 - Large	3	4	32.3%	2	3	50.0%
Hotel Total	**57**	**61**	**6.9%**	**58**	**65**	**12.1%**
H 1 -Small	-	-	-	-	-	-
H 2 - Medium	52	53	3.4%	56	62	10.7%
H 3 - Large	5	7	41.1%	2	3	50.0%
Industrial Total	**278**	**280**	**1.0%**	**3,441**	**3,409**	**-0.9%**
IP 1 -Small	30	28	-4.9%	2,857	2,807	-1.8%
IP 2 - Medium	211	213	0.9%	571	589	3.2%
IP 3 - Large	37	39	6.1%	13	13	0.0%
Government Total	**19**	**20**	**5.4%**	**415**	**429**	**3.4%**
GV 1 -Small	2	2	4.6%	376	387	2.9%
GV 2 - Medium	17	18	5.5%	39	42	7.7%
GV 3 - Large	-	-	-	-	-	-
Temporary Connections	**3**	**1**	**-83.3%**	**553**	**121**	**-78.1%**
Street Lighting	**24**	**22**	**-6.8%**	**3,504**	**3,544**	**1.1%**
TOTAL	**1,464**	**1,522**	**3.9%**	**550,407**	**565,474**	**2.7%**





GENERAL STATISTICS

	Units	2016	2017*	%Change
Population (Mid Year)	Thous.	21,203	21,444	1.1%
GNP at Current Prices	M.Rs	11,585,492	12,933,185	11.6%
GNP at Constant (2010) Prices	M.Rs	8,795,027	9,063,448	3.1%
GDP at Current Prices	M.Rs	11,906,752	13,289,466	11.6%
GDP at Constant (2010) Prices	M.Rs	9,034,290	9,315,488	3.1%
Per Capita GDP at Market Prices	Rs	561,560	619,729	10.4%
Per Capita GDP at Market Prices	US $	3,857	4,065	5.4%
CCPI Index (2006/2007 = 100)		188	201	6.5%
GDP Deflator (2010 = 100)		132	143	8.3%
Area of Sri Lanka	sqkm	65,610	65,610	0.0%
Average Exchange Rate	Rs/US $	145.60	152.46	4.7%

* - Provisional

FUEL RATE AND THERMAL EFFICIENCY

	Fuel Rate in Litres/kWh		Av.Thermal Efficiency	
	2016	2017	2016	2017
KPS (SmallGT - LAD)	0.47	0.47	19.9%	19.9%
KPS (GT7 - LAD)	0.34	0.35	27.3%	26.8%
SPPS - A (LAD)	0.34	0.34	27.5%	27.9%
SPPS - A (LHF)	0.23	0.23	40.1%	39.8%
SPPS - B (LAD)	0.27	0.26	35.0%	36.0%
SPPS - B (LHF)	0.22	0.22	42.6%	42.7%
KPS - CC (LAD)	0.22	0.25	42.0%	38.4%
KPS - CC (Naptha)	0.27	0.29	45.6%	42.3%
Uthuru Janani (LAD)				
Uthuru Janani (LFO)	0.22	0.22	40.3%	39.7%
Barge (LAD)				
Barge (LFO)	0.22	0.22	40.9%	40.9%
LVPS Puttalam (LAD)	0.47	0.48	20.6%	20.3%
LVPS Puttalam Coal* (kg/kWh)	0.40	0.41	34.6%	33.6%

Note:- CC : Combined Cycle.
GT : Gas Turbines.
KPS : Kelanitissa Power Station
LAD : Lanka Auto Diesel
LFO : Lanka Furnace Oil
LHF : Lanka Heavy Fuel.
LVPS : Lakvijaya Power Station

* Refers Net Generation

NO. OF AREA OFFICES, CONSUMER SERVICE CENTRES & POS CENTRES IN CEB

Province / Division	2016			2017		
	Area	CSC	POS	Area	CSC	POS
Colombo City	4	8	4	4	8	4
North Western	7	25	5	7	25	5
North Central	3	11	2	3	11	2
Nothern	3	12	2	3	13	2
Division 1 Total	**17**	**56**	**13**	**17**	**57**	**13**
Western-North	6	19	7	6	20	7
Central	12	39	9	12	39	9
Eastern	4	19	3	4	20	3
Division 2 Total	**22**	**77**	**19**	**22**	**79**	**19**
Western-South II	5	13	6	5	13	6
Uva	3	12	3	3	12	3
Sabaragamuwa	5	17	3	5	18	3
Division 3 Total	**13**	**42**	**12**	**13**	**43**	**12**
Western-South I	3	10	4	3	10	4
Southern	7	27	12	7	28	13
Division 4 Total	**10**	**37**	**16**	**10**	**38**	**17**
TOTAL	**62**	**212**	**64***	**62**	**217**	**65***

* Including 4 POS centers managed by Head Office.

In addition to CSCs, there are 4 E-City Centres available in Colombo City

LENGTH OF TRANSMISSION AND DISTRIBUTION LINES IN km

	2016	2017	% Change
220 kV Route Length OH	601	601	0.0%
132 kV Route Length OH	2,261	2,261	0.0%
132 kV Route Length UG	50	52	3.0%
33 kV Route Length OH	30,569	31,316	2.4%
33 kV Route Length UG	42	41	-1.4%
11 kV Route Length OH	1,439	1,423	-1.1%
11 kV Route Length UG	813	849	4.3%
Low Voltage Circuit Length OH & UG-Total	138,514	142,807	3.1%
Single Phase OH & UG	33,618	32,481	-3.4%
Two Phase OH & UG	3,491	3,338	-4.4%
Three Phase OH & UG	101,406	106,988	5.5%

NUMBER AND CAPACITY OF SUBSTATIONS

		Units	2016	2017	% Change
Grid S.S. (132/33 kV)		Nos.	55	55	0.0%
	Capacity	MVA	4,254	4,380	3.0%
Grid S.S.(220/132/33kV)		Nos.	4	4	0.0%
	Capacity	MVA	1600/380	1600/380	0.0%
Grid S.S.(220/132kV)		Nos.	4	4	0.0%
	Capacity	MVA	1,405	1,405	0.0%
Grid S.S.(220/33kV)		No.	1	1	0.0%
	Capacity	MVA	75	75	0.0%
Grid S.S. (132/11 kV)		Nos.	5	5	0.0%
	Capacity	MVA	369	369	0.0%
Primary S.S. (33kV/11kV)		Nos.	131	132	0.8%
	Capacity	MVA	1,583	1,596	0.8%
Distribution S.S.(33kV/LV & 11kV/LV)		Nos.	29,632	30,762	3.8%
	Capacity	MVA	6,831	6,981	2.2%
Total number of substations		Nos.	29,832	30,963	3.8%
Total capacity		MVA	16,496	16,785	1.8%

DISTRIBUTION LINE LENGTH BY PROVINCE & DIVISION

Province / Division	2016			2017		
	33 kV Route km	11 kV Route km	LV Circuit km	33 kV Route km	11 kV Route km	LV Circuit km
Colombo City	21	665	988	21	695	1,073
North Western	4,421	291	24,719	4,462	293	25,116
North Central	3,731	85	10,666	3,873	77	10,688
Nothern	2,168	238	8,051	2,227	241	8,587
Division 1 Total	**10,341**	**1,278**	**44,425**	**10,584**	**1,307**	**45,465**
Western-North	1,816	107	10,448	1,905	107	11,109
Central	4,288	128	17,299	4,490	133	18,448
Eastern	2,751	386	10,325	2,790	386	10,548
Division 2 Total	**8,855**	**622**	**38,071**	**9,185**	**627**	**40,105**
Western-South II	1,228	18	6,514	1,241	18	6,697
Uva	2,947	0	11,359	2,994	0	11,645
Sabaragamuwa	2,865	27	13,222	2,870	27	13,274
Division 3 Total	**7,040**	**45**	**31,095**	**7,106**	**45**	**31,615**
Western-South I	741	60	4,390	746	60	4,446
Southern	3,635	247	20,534	3,737	233	21,177
Division 4 Total	**4,376**	**307**	**24,924**	**4,483**	**293**	**25,623**
Total	**30,611**	**2,253**	**138,514**	**31,357**	**2,272**	**142,807**

CEB TARIFF

EFFECTIVE FROM	DOMESTIC 16 - 09 - 2014	ToU for DOMESTIC 02 - 05 - 2017	NON DOMESTIC CATEGORIES 15 - 11 - 2014

(for each 30 - day billing period)

					Unit Charge			Fixed Charge
DOMESTIC								
Consumption 0 - 60 kWh per month								
Block 1	-	0 - 30	units	@	Rs 2.50	per unit	+	Rs 30.00
Block 2	-	31 - 60	units	@	Rs 4.85	per unit	+	Rs 60.00
Consumption above 60 kWh per month								
Block 1	-	0 - 60	units	@	Rs 7.85	per unit	+	N/A
Block 2	-	61 - 90	units	@	Rs 10.00	per unit	+	Rs 90.00
Block 3	-	91 - 120	units	@	Rs 27.75	per unit	+	Rs 480.00
Block 4	-	121 - 180	units	@	Rs 32.00	per unit	+	Rs 480.00
Block 5	-	Above 180	units	@	Rs 45.00	per unit	+	Rs 540.00

Time of Use Electricity Tariff for Domestic Consumers

The following optional electricity tariffs based on Time of Use (ToU) for all Domestic Consumers

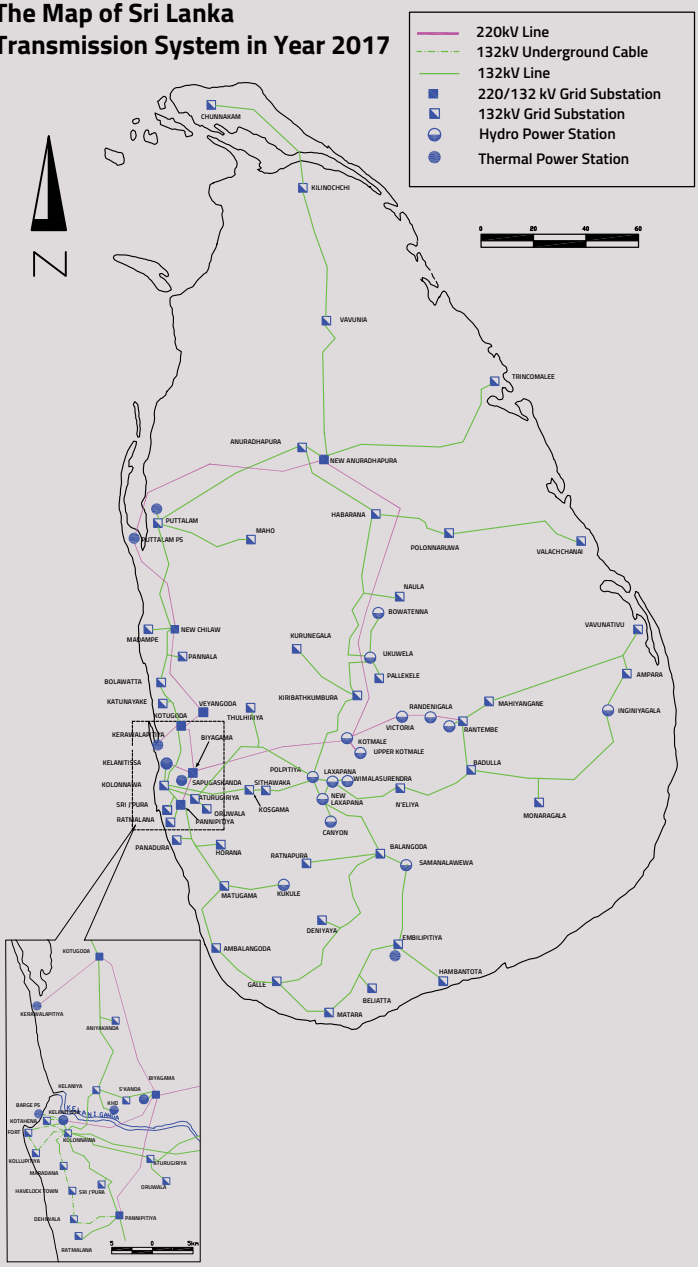
Time of Use (ToU)	Energy Charge (Rs)	Fixed Charge (Rs)
Day (05.30 - 18.30 hrs)	25.00	540.00
Peak (18.30 - 22.30 hrs)	54.00	
Off Peak (22.30 - 05.30 hrs)	13.00	

RELIGIOUS & CHARITABLE INSTITUTIONS

Block 1	-	0 - 30	units	@	Rs 1.90	per unit	+	Rs 30.00
Block 2	-	31 - 90	units	@	Rs 2.80	per unit	+	Rs 60.00
Block 3	-	91 - 120	units	@	Rs 6.75	per unit	+	Rs 180.00
Block 4	-	121 - 180	units	@	Rs 7.50	per unit	+	Rs 180.00
Block 5	-	Above 180	units	@	Rs 9.40	per unit	+	Rs 240.00

OTHER CUSTOMER CATEGORIES			General Purpose		Industrial		Hotel	Government
			GP I -1	GP I-2	IP I - 1	IP I - 2		
Rate 1 Supply at 400/230V Contract demand less than or equal 42 kVA	Unit Charge (Rs/kWh)		For ≤ 300 kWh/ month	For > 300 kWh/ month	For ≤ 300 kWh/ month	For > 300 kWh/ month		
			18.30	22.85	10.80	12.20	21.50	14.65
	Fixed Charge (Rs/Month)		240.00	240.00	600.00	600.00	600.00	600.00
Rate 2 Supply at 400/230V Contract demand above 42 kVA	Unit Charge (Rs/kWh)	Day (05.30 - 18.30 hrs)	21.80		11.00		14.65	14.55
		Peak (18.30 - 22.30 hrs)	26.60		20.50		23.50	
		Off Peak (22.30 - 05.30 hrs)	15.40		6.85		9.80	
	Demand Charge (Rs/kVA)		1100.00		1100.00		1100.00	1100.00
	Fixed Charge (Rs/Month)		3000.00		3000.00		3000.00	3000.00
Rate 3 Supply at 11 kV & above	Unit Charge (Rs/kWh)	Day (05.30 - 18.30 hrs)	20.70		10.25		13.70	14.35
		Peak (18.30 - 22.30 hrs)	25.50		23.50		22.50	
		Off Peak (22.30 - 05.30 hrs)	14.35		5.90		8.80	
	Demand Charge (Rs/kVA)		1000.00		1000.00		1000.00	1000
	Fixed Charge (Rs/Month)		3000.00		3000.00		3000.00	3000
Street Lighting					@ Rs 17.00 per unit			

Electric Vehicle Charging Rates at CEB Charging Stations

Time of Use (ToU)	DC Fast Charging	Level 2 AC Charging
Day (05.30 - 18.30 hrs)	50.00	30.00
Peak (18.30 - 22.30 hrs)	70.00	55.00
Off Peak (22.30 - 05.30 hrs)	30.00	20.00

The Map of Sri Lanka Transmission System in Year 2017