

# *Statistical Digest* 2021



**CEYLON ELECTRICITY BOARD**

## SUMMARY OF STATISTICS 2021

Page Ref.		Units	2020	2021	Annual Change	
1	Number of Power Stations	No.	306	330		
1	Installed Capacity	MW	4,265	4,186		
1	Rooftop Solar PV	Connections	No.	20,341	27,068 (a)	33.1%
		Capacity	MW	275	415 (a)	51.0%
	Hydro Reservoir Capacity	GWh	1,207	1,207	-	
1	Renewable Share	GWh	5,777	8,562	48.2%	
		%	36.77	51.22		
	Self Generation	Energy	MWh	1,587	-	
		Cost	LKR Million	50	-	
1	Maximum Demand	MW	2,717	2,802	3.1%	
1	Net Generation (with IPP)	GWh	15,714	16,716	6.4%	
8	Substations	No.	34,867	35,511		
		Trans. & Distribution Losses	%	9.08 (a)	8.72 (a)	0.49
3	Energy Sold	GWh	14,286	15,214	6.5%	
5	Average Selling Price per Unit	Rs/kWh	16.72	16.37	-2.1%	
		Average Cost per Unit (@ selling point)	Rs/kWh	21.67	18.63 (a)	-14.0%
5	Revenue from Billed Sales	LKR Million	238,911	249,089	4.3%	
4	Total Consumer Accounts	No.	6,636,266	6,809,528	2.6%	
7	Area Offices	No.	68	69		
7	CSCs	No.	237	244		
7	POS Centers Operated by CEB	No.	85	86		
4	Households Electrified	No.	98,829	125,277		
		Rural Electrification Schemes (Completed)	No.	37	37	
	System Load Factor	%	65.83	68.11		
	(Calculated on Net Generation)					
	Total Employed on Permanent Basis	No.	21,262	21,364	0.5%	
	Capital Investments	LKR Million	68,524	70,818 (a)	3.3%	
	Net Fixed Assets in Operation (average)	LKR Million	819,086	852,877 (a)	4.1%	
	Rate of Return on Fixed Assets	%	-5.65	-1.72 (a)	3.93	
	No. of Consumers per Employee	Nos./Employee	312	319		
	Per Capita Electricity Consumption	kWh/Person	652	687		
4&8	Retail Consumers per unit Length of LV Lines	No./km	44	45		
		Electricity Demand Elasticity (w.r.t. GDP)		0.61	1.78	
	Total Energy Consumption in Sri Lanka (e)	kTOE	9,034.01 (a)			
	Per Capita Energy Consumption in Sri Lanka(e)	kgOE/Person	412.2 (a)			
	Share of Elect. in Total Energy Supply(e)	%	13.8 (a)			

CSC : Consumer Service Centres

POS : Point of Sales

IPP : Independent Power Producers

Note :- (a) : Provisional

(e) : Source :- Sustainable Energy Authority

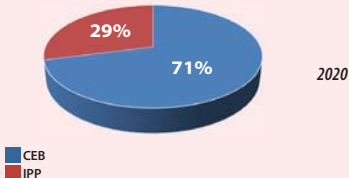
# GENERATION STATISTICS

Ownership & Type of Power Station		No. of Power Stations			Installed Capacity (MW)		
		2020	2021	% Change	2020	2021	% Change
<b>CEB :</b>	<b>Total</b>	<b>29</b>	<b>29</b>	<b>-</b>	<b>2,968</b>	<b>3,040</b>	<b>2.4%</b>
	Major Hydro	17	17	-	1,383	1,383	-
	Thermal (Oil)	10	10	-	654	654	-
	Thermal (Coal)	1	1	-	900	900	-
	NCRE (Wind)	1	1	-	31	104	233.3%
<b>IPP :</b>	<b>Total</b>	<b>277</b>	<b>301</b>	<b>8.7%</b>	<b>1,297</b>	<b>1,146</b>	<b>-11.7%</b>
	Thermal (Oil)	6	2	-66.7%	614	433	-29.5%
	NCRE (Mini Hydro)	208	211	1.4%	410	414	1.1%
	NCRE (Wind)	17	17	-	148	148	-
	NCRE (Other)	14	14	-	50	50	-
	NCRE (Grid Connected Solar)	32	57	78.1%	75	100	33.2%
<b>Total</b>					<b>4,265</b>	<b>4,186</b>	<b>-1.9%</b>

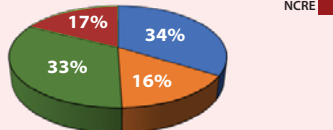
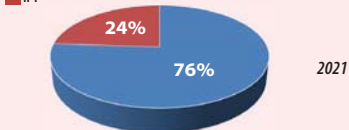
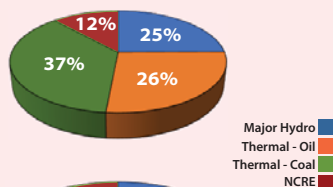
Ownership & Source		Generation (GWh)			% of Total	
		2020	2021	% Change	2020	2021
<b>CEB :</b>	<b>Total</b>	<b>11,138</b>	<b>12,711</b>	<b>14.1%</b>	<b>70.9%</b>	<b>76.0%</b>
	Major Hydro	3,911	5,640	44.2%	24.9%	33.7%
	Thermal (Oil)	1,462	1,231	-15.8%	9.3%	7.4%
	Thermal (Coal)	5,754	5,519	-4.1%	36.6%	33.0%
	NCRE (Wind)	7.7	318.2	4056.5%	-	1.9%
	Small Islands	2.6	2.7	3.4%	-	-
<b>IPP :</b>	<b>Total</b>	<b>4,575</b>	<b>4,004</b>	<b>-12.5%</b>	<b>29.1%</b>	<b>24.0%</b>
	Thermal (Oil)	2,717	1,400	-48.5%	17.3%	8.4%
	NCRE (Mini Hydro)	1,047	1,568	49.8%	6.7%	9.4%
	NCRE (Wind)	324	327	0.9%	2.1%	2.0%
	NCRE (Other)	100	163	63.1%	0.6%	1.0%
	NCRE (Grid Connected Solar)	118	156	32.2%	0.8%	0.9%
	NCRE (Rooftop Solar)	269	389	44.8%	1.7%	2.3%
<b>Total Generation</b>		<b>15,714</b>	<b>16,716</b>	<b>6.4%</b>		

<b>Avg Daily Generation - GWh/day</b>	<b>42.93</b>	<b>45.80</b>	<b>6.7%</b>
<b>Day Maximum Demand (MW)</b>	2,394.1	2,407.7	
<b>Night Maximum Demand (MW)</b>	2,717.5	2,801.6	
<b>Night Maximum Demand Recorded on</b>	<b>11/03/2020</b>	<b>06/04/2021</b>	

*Generation by Ownership*



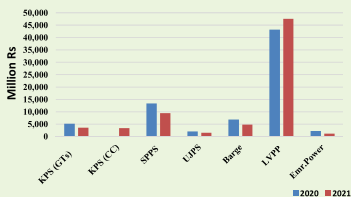
*Generation by Source*



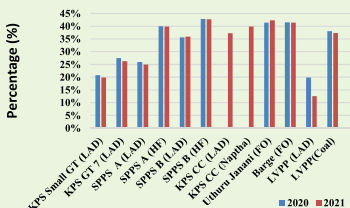
Note :-

1. NCRE - Non Conventional Renewable Energy
2. NCRE (Other) - Dendro, Biomass and Municipal Waste
3. All generation figures indicated above refer to net generation.

**Fuel Cost of CEB Thermal Power Stations**



**Thermal Efficiency of CEB Thermal Power Stations**



**FUEL COST FOR CEB THERMAL GENERATION**

**Fuel Cost in LKR Million**

Name of Power Station	Type of Fuel	2020 LKR Million	2020 Rs/kWh	2021 LKR Million	2021 Rs/kWh
KPS (Small GT)	LAD	5,204	38.88	3,525	38.85
KPS (GT 7)	LAD				
KPS (CC)	LAD Naphtha	-	-	3,391	24.51
SPPS (Diesel) A	LAD	13,380	17.26	9,428	15.85
SPPS (Diesel) B	HF LAD HF				
Uthuru Janani PS	LAD FO	2,057	18.45	1,539	16.81
Barge	LAD FO	6,905	16.70	4,878	15.34
LVPP (Coal)	LAD Coal	43,147	6.78	47,606	7.79
Emergency Power Thulhiriya Kolonnawa Matugama	LAD LAD LAD	2,222	28.40	1,226	29.26
<b>TOTAL</b>		<b>72,915</b>	<b>9.26</b>	<b>71,592</b>	<b>9.69</b>

Note : Gross generation considered.  
Source : Finance Division

**FUEL RATE AND THERMAL EFFICIENCY**

	Fuel Rate in Litres or kg/kWh		Avg Thermal Efficiency	
	2020	2021	2020	2021
KPS Small GT (LAD)	0.45	0.47	20.8%	19.9%
KPS GT 7 (LAD)	0.34	0.36	27.4%	26.3%
SPPS A (LAD)	0.36	0.38	26.0%	25.0%
SPPS A (HF)	0.23	0.23	40.0%	39.9%
SPPS B (LAD)	0.26	0.26	35.6%	35.9%
SPPS B (HF)	0.22	0.22	42.8%	42.7%
KPS CC (LAD)	-	0.25	-	37.2%
KPS CC (Naptha)	-	0.31	-	39.8%
Uthuru Janani (LAD)	-	-	-	-
Uthuru Janani (FO)	0.22	0.22	41.4%	42.3%
Barge (LAD)	-	-	-	-
Barge (FO)	0.21	0.21	41.5%	41.4%
LVPP (LAD)	0.49	0.77	19.9%	12.6%
LVPP Coal (kg/kWh)	0.37	0.38	38.0%	37.3%

Note :

- CC: Combined Cycle
- GT: Gas Turbines
- KPS: Kelanitissa Power Station
- LVPP: Lakvijaya Power Plant
- SPPS: Sapugaskanda Power Station
- FO: Furnace Oil
- HF: Heavy Fuel
- LAD: Lanka Auto Diesel

(Source : System Control Centre-Annual Report 2021)

## ELECTRICITY SALES BY DISTRIBUTION DIVISIONS IN GWh

Distribution Provinces as per CEB Classification	Sales (GWh)		% Change	% of Total	Monthly Avg. Sales kWh/Cons.
	2020	2021	2020/21	2021	2021
Colombo City	1,347	1,383	2.7%	9.1%	619
North Western I		998		6.6%	192
North Western II	1,509	612	6.8%	4.0%	108
North Central	635	661	4.1%	4.3%	115
Northern	446	475	6.6%	3.1%	100
<b>Division 1 Total</b>	<b>3,936</b>	<b>4,129</b>	<b>4.9%</b>	<b>27.1%</b>	<b>175</b>
Western North	2,257	2,525	11.9%	16.6%	308
Central I		687		4.5%	119
Central II	1,365	750	5.3%	4.9%	107
Eastern	768	804	4.8%	5.3%	113
<b>Division 2 Total</b>	<b>4,390</b>	<b>4,766</b>	<b>8.6%</b>	<b>31.3%</b>	<b>170</b>
Western South II	1,504	1,666	10.8%	10.9%	302
Uva	397	419	5.7%	2.8%	83
Sabaragamuwa	565	590	4.5%	3.9%	97
<b>Division 3 Total</b>	<b>2,465</b>	<b>2,675</b>	<b>8.5%</b>	<b>17.6%</b>	<b>161</b>
Western South I	736	792	7.6%	5.2%	218
Southern I		686		4.5%	130
Southern II	1,155	532	5.5%	3.5%	117
<b>Division 4 Total</b>	<b>1,890</b>	<b>2,010</b>	<b>6.3%</b>	<b>13.2%</b>	<b>150</b>
<b>Bulk Sup. to LECO</b>	<b>1,605</b>	<b>1,633</b>	<b>1.7%</b>	<b>10.7%</b>	<b>-</b>
<b>TOTAL</b>	<b>14,286</b>	<b>15,214</b>	<b>6.5%</b>	<b>100.0%</b>	

## ELECTRICITY SALES BY TARIFF IN GWh

Tariff	Sales (GWh)		% Change	% of Total	Monthly Avg. Sales kWh/Cons.
	2020	2021	2020/21	2021	2021
<b>Domestic</b>	<b>5,090</b>	<b>5,238</b>	<b>2.9%</b>	<b>34.4%</b>	<b>74</b>
Religious	82	81	-0.4%	0.5%	159
<b>General Purpose Total</b>	<b>2,837</b>	<b>2,897</b>	<b>2.1%</b>	<b>19.0%</b>	<b>297</b>
GP 1 Small	1,650	1,579	-4.3%	10.4%	163
GP 2 Medium	819	938	14.6%	6.2%	13,666
GP 3 Large	369	380	3.0%	2.5%	184,212
<b>Hotel Total</b>	<b>193</b>	<b>220</b>	<b>13.7%</b>	<b>1.4%</b>	<b>33,200</b>
H 1 Small	2	1	-24.3%	0.01%	628
H 2 Medium	117	122	4.5%	0.8%	27,878
H 3 Large	75	96	28.9%	0.6%	423,163
<b>Industrial Total</b>	<b>4,164</b>	<b>4,822</b>	<b>15.8%</b>	<b>31.7%</b>	<b>5,773</b>
IP 1 Small	350	323	-7.6%	2.1%	435
IP 2 Medium	1,999	2,326	16.4%	15.3%	26,336
IP 3 Large	1,815	2,172	19.7%	14.3%	548,553
<b>Government Total</b>	<b>208</b>	<b>226</b>	<b>8.9%</b>	<b>1.5%</b>	<b>2,012</b>
GV 1 Small	9	26	208.8%	0.2%	246
GV 2 Medium	193	194	0.7%	1.3%	36,923
GV 3 Large	6	6	-10.5%	0.04%	95,781
<b>Bulk Supply to LECO</b>					
L2 11kV & above	1,605	1,633	1.7%	10.7%	-
<b>Street Lighting</b>	<b>108</b>	<b>97</b>	<b>-9.8%</b>	<b>0.6%</b>	<b>-</b>
<b>TOTAL</b>	<b>14,286</b>	<b>15,214</b>	<b>6.5%</b>	<b>100.0%</b>	

## NUMBER OF CONSUMER ACCOUNTS BY PROVINCE

Distribution Provinces as per CEB Classification	Consumer Accounts		Increase in Accounts	% of Total
	2020	2021	2020/21	2021
Colombo City	184,627	186,274	1,647	2.7%
North Western I	884,297	433,054	19,511	6.4%
North Western II		470,754		6.9%
North Central	467,720	478,822	11,102	7.0%
Northern	380,260	397,311	17,051	5.8%
<b>Division 1 Total</b>	<b>1,916,904</b>	<b>1,966,215</b>	<b>49,311</b>	<b>28.9%</b>
Western North	666,766	683,418	16,652	10.0%
Central I		481,282		7.1%
Central II	1,040,251	582,406	23,437	8.6%
Eastern	569,698	592,499	22,801	8.7%
<b>Division 2 Total</b>	<b>2,276,715</b>	<b>2,339,605</b>	<b>62,890</b>	<b>34.4%</b>
Western South II	447,134	459,661	12,527	6.8%
Uva	407,782	419,112	11,330	6.2%
Sabaragamuwa	493,033	505,046	12,013	7.4%
<b>Division 3 Total</b>	<b>1,347,949</b>	<b>1,383,819</b>	<b>35,870</b>	<b>20.3%</b>
Western South I	295,915	302,202	6,287	4.4%
Southern I		439,266		6.5%
Southern II	798,781	378,419	18,904	5.6%
<b>Division 4 Total</b>	<b>1,094,696</b>	<b>1,119,887</b>	<b>25,191</b>	<b>16.4%</b>
Bulk Sup. to LECO	1	1	-	*
Street Lighting	1	1	-	*
<b>TOTAL</b>	<b>6,636,266</b>	<b>6,809,528</b>	<b>173,262</b>	<b>100.0%</b>

## NUMBER OF CONSUMER ACCOUNTS BY TARIFF

Tariff	Consumer Accounts		Increase in Accounts	% of Total
	2020	2021	2020/21	2021
<b>Domestic</b>	<b>5,750,281</b>	<b>5,875,558</b>	<b>125,277</b>	<b>86.3%</b>
Religious	41,805	42,638	833	0.6%
<b>General Purpose Total</b>	<b>772,274</b>	<b>811,816</b>	<b>39,542</b>	<b>11.9%</b>
GP 1 Small	766,694	805,924	39,230	11.8%
GP 2 Medium	5,419	5,720	301	0.1%
GP 3 Large	161	172	11	*
<b>Hotel Total</b>	<b>457</b>	<b>551</b>	<b>94</b>	<b>0.01%</b>
H 1 Small	84	168	84	*
H 2 Medium	356	364	8	*
H 3 Large	17	19	2	*
<b>Industrial Total</b>	<b>66,831</b>	<b>69,600</b>	<b>2,769</b>	<b>1.0%</b>
IP 1 Small	60,257	61,909	1,652	0.9%
IP 2 Medium	6,262	7,361	1,099	0.1%
IP 3 Large	312	330	18	*
<b>Government Total</b>	<b>4,616</b>	<b>9,363</b>	<b>4,747</b>	<b>0.14%</b>
GV 1 Small	4,184	8,920	4,736	0.13%
GV 2 Medium	429	438	9	*
GV 3 Large	3	5	2	*
<b>Bulk Supply to LECO</b>				
L2 11kV & above	1	1	-	*
Street Lighting	1	1	-	*
<b>TOTAL</b>	<b>6,636,266</b>	<b>6,809,528</b>	<b>173,262</b>	<b>100.0%</b>

Note : \* < 0.01%

## REVENUE FROM ELECTRICITY SALES BY PROVINCE IN LKR Million

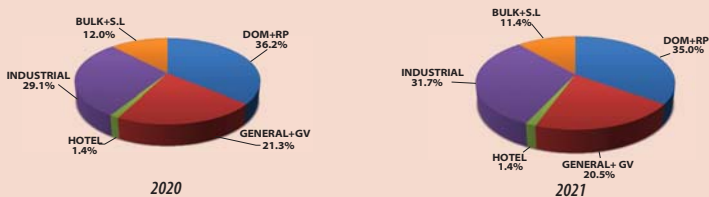
Distribution Provinces as per CEB Classification	Revenue (LKR Million)		% Change	% of Total	Avg. Price Rs/kWh
	2020	2021	2020/21	2021	2021
Colombo City	30,812	30,629	-0.6%	12.3%	22.15
North Western I	23,238	15,348	7.3%	6.2%	15.38
North Western II		9,582		3.8%	15.64
North Central	9,697	10,257	5.8%	4.1%	15.52
Northern	7,636	8,051	5.4%	3.2%	16.95
<b>Division 1 Total</b>	<b>71,383</b>	<b>73,868</b>	<b>3.5%</b>	<b>29.7%</b>	<b>17.89</b>
Western North	36,913	40,515	9.8%	16.3%	16.04
Central I		11,210		4.5%	16.32
Central II	21,034	11,109	6.1%	4.5%	14.82
Eastern	12,111	12,688	4.8%	5.1%	15.78
<b>Division 2 Total</b>	<b>70,058</b>	<b>75,522</b>	<b>7.8%</b>	<b>30.3%</b>	<b>15.85</b>
Western South II	26,293	28,683	9.1%	11.5%	17.22
Uva	5,528	5,966	7.9%	2.4%	14.23
Sabaragamuwa	8,185	8,605	5.1%	3.5%	14.58
<b>Division 3 Total</b>	<b>40,006</b>	<b>43,254</b>	<b>8.1%</b>	<b>17.4%</b>	<b>16.17</b>
Western South I	14,028	14,816	5.6%	5.9%	18.71
Southern I		10,323		4.1%	15.04
Southern II	17,719	8,389	5.6%	3.4%	15.77
<b>Division 4 Total</b>	<b>31,747</b>	<b>33,528</b>	<b>5.6%</b>	<b>13.5%</b>	<b>16.68</b>
<b>Bulk Sup. to LECO</b>	<b>25,717</b>	<b>22,918</b>	<b>-10.9%</b>	<b>9.2%</b>	<b>14.04</b>
<b>TOTAL</b>	<b>238,911</b>	<b>249,089</b>	<b>4.3%</b>	<b>100.0%</b>	<b>16.37</b>

## REVENUE FROM ELECTRICITY SALES BY TARIFF IN LKR Million

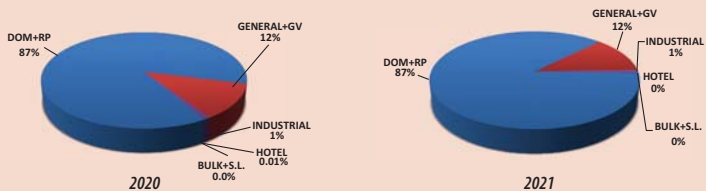
Tariff	Revenue (LKR Million)		% Change	% of Total	Avg. Price Rs/kWh
	2020	2021	2020/21	2021	2021
<b>Domestic</b>	<b>75,666</b>	<b>78,081</b>	<b>3.2%</b>	<b>31.3%</b>	<b>14.91</b>
Religious	590	582	-1.2%	0.2%	7.17
<b>General Purpose Total</b>	<b>67,901</b>	<b>68,704</b>	<b>1.2%</b>	<b>27.6%</b>	<b>23.72</b>
GP 1 Small	37,707	36,095	-4.3%	14.5%	22.87
GP 2 Medium	21,669	23,884	10.2%	9.6%	25.46
GP 3 Large	8,524	8,724	2.3%	3.5%	22.95
<b>Hotel Total</b>	<b>3,494</b>	<b>3,901</b>	<b>11.6%</b>	<b>1.6%</b>	<b>17.77</b>
H 1 Small	28	28	-0.3%	0.01%	22.22
H 2 Medium	2,226	2,284	2.6%	0.9%	18.75
H 3 Large	1,239	1,589	28.2%	0.6%	16.47
<b>Industrial Total</b>	<b>61,789</b>	<b>70,759</b>	<b>14.5%</b>	<b>28.4%</b>	<b>14.67</b>
IP 1 Small	4,653	4,274	-8.1%	1.7%	13.22
IP 2 Medium	31,920	36,605	14.7%	14.7%	15.74
IP 3 Large	25,216	29,880	18.5%	12.0%	13.76
<b>Government Total</b>	<b>3,751</b>	<b>4,143</b>	<b>10.4%</b>	<b>1.7%</b>	<b>18.32</b>
GV 1 Small	152	547	259.0%	0.2%	20.80
GV 2 Medium	3,479	3,491	0.3%	1.4%	17.99
GV 3 Large	120	105	-12.5%	*	18.30
<b>Bulk Supply to LECO</b>					
L2 11kV & above	25,717	22,918	-10.9%	9.2%	14.04
Street Lighting	3	2	-26.9%	*	0.02
<b>TOTAL</b>	<b>238,911</b>	<b>249,089</b>	<b>4.3%</b>	<b>100.0%</b>	<b>16.37</b>

Note : \* < 0.01%

## CEB ELECTRICITY SALES BY TARIFF



## CEB CONSUMER ACCOUNTS BY TARIFF



## LECO ELECTRICITY SALES & CONSUMER ACCOUNTS BY TARIFF

	SALES BY TARIFF IN GWh			CONSUMER ACCOUNTS BY TARIFF		
	2020	2021	% Change	2020	2021	% Change
<b>Domestic</b>	<b>725.9</b>	<b>703.2</b>	<b>-3.1%</b>	<b>492,965</b>	<b>498,695</b>	<b>1.2%</b>
<b>Religious</b>	<b>10.6</b>	<b>10.3</b>	<b>-2.7%</b>	<b>2,686</b>	<b>2,687</b>	<b>0.0%</b>
<b>General Purpose Total</b>	<b>507.7</b>	<b>496.7</b>	<b>-2.2%</b>	<b>97,480</b>	<b>99,459</b>	<b>2.0%</b>
GP 1 Small	313.0	293.5	-6.3%	96,081	98,003	2.0%
GP 2 Medium	188.7	196.1	3.9%	1,394	1,449	3.9%
GP 3 Large	6.0	7.1	19.5%	5	7	40.0%
<b>Hotel Total</b>	<b>43.0</b>	<b>45.0</b>	<b>4.6%</b>	<b>77</b>	<b>79</b>	<b>2.6%</b>
H 1 Small	0.03	0.04	51.7%	1	2	100.0%
H 2 Medium	37.2	38.5	3.6%	73	75	2.7%
H 3 Large	5.8	6.5	11.2%	3	2	-33.3%
<b>Industrial Total</b>	<b>278.7</b>	<b>305.7</b>	<b>9.7%</b>	<b>3,419</b>	<b>3,431</b>	<b>0.4%</b>
IP 1 Small	28.9	27.2	-6.0%	2,789	2,793	0.1%
IP 2 Medium	203.1	219.7	8.2%	610	621	1.8%
IP 3 Large	46.6	58.8	26.1%	20	17	-15.0%
<b>Government Total</b>	<b>17.9</b>	<b>14.9</b>	<b>-16.5%</b>	<b>439</b>	<b>427</b>	<b>-2.7%</b>
GV 1 Small	1.5	0.9	-37.8%	397	383	-3.5%
GV 2 Medium	16.3	14.0	-14.5%	42	44	4.8%
GV 3 Large	-	-	-	-	-	-
<b>Temporary Connections</b>	<b>0.2</b>	<b>0.2</b>	<b>32.3%</b>	<b>72</b>	<b>83</b>	<b>15.3%</b>
<b>Street Lighting</b>	<b>23.1</b>	<b>23.0</b>	<b>-0.4%</b>	<b>3,591</b>	<b>3,592</b>	<b>0.0%</b>
<b>TOTAL</b>	<b>1,607.0</b>	<b>1,598.9</b>	<b>-0.5%</b>	<b>600,729</b>	<b>608,453</b>	<b>1.3%</b>

(Source : Lanka Electricity Company)



## GENERAL STATISTICS

	Units	2020	2021(a)	%Change
Population (Mid Year)	Thous.	21,919	22,156	1.1%
GNI at Current Prices	LKR Million	14,604,311	16,402,705	12.3%
GNI at Constant (2010) Prices	LKR Million	9,269,834	9,642,790	4.0%
GDP at Current Prices	LKR Million	15,027,374	16,809,309	11.9%
GDP at Constant (2010) Prices	LKR Million	9,532,909	9,881,397	3.7%
Per Capita GDP at Market Prices	Rs	685,587	758,680	10.7%
Per Capita GDP at Market Prices	US \$	3,695	3,815	3.2%
CCPI Index (2013= 100)		135	144	6.0%
GDP Deflator (2010 = 100)		3.96	8	99.7%
Area of Sri Lanka	sqkm	65,610	65,610	-
Average Exchange Rate	Rs/US \$	185.52	198.88	7.2%

(a): Provisional

(Source:- Department of Census & Statistics)

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

Province / Division	2020			2021		
	Area	CSC	POS	Area	CSC	POS
Colombo City	4	8	8*	4	8	8
North Western I	8	26	6	4	13	4
North Western II				4	13	4
North Central	3	11	2	3	11	2
Nothern	4	13	3	4	13	3
<b>Division 1 Total</b>	<b>19</b>	<b>58</b>	<b>19</b>	<b>19</b>	<b>58</b>	<b>21</b>
Western North	7	22	8	7	22	8
Central I	12	40	10	6	20	4
Central II				7	22	6
Eastern	5	27	3	5	27	3
<b>Division 2 Total</b>	<b>24</b>	<b>89</b>	<b>21</b>	<b>25</b>	<b>91</b>	<b>21</b>
Western South II	5	13	6	5	15	6
Uva	4	15	4	4	17	4
Sabaragamuwa	5	21	3	5	21	3
<b>Division 3 Total</b>	<b>14</b>	<b>49</b>	<b>13</b>	<b>14</b>	<b>53</b>	<b>13</b>
Western South I	4	11	9	4	11	9
Southern I	7	30	19	4	15	9
Southern II				3	16	9
<b>Division 4 Total</b>	<b>11</b>	<b>41</b>	<b>28</b>	<b>11</b>	<b>42</b>	<b>27</b>
<b>Divisional Total</b>	<b>68</b>	<b>237</b>	<b>81</b>	<b>69</b>	<b>244</b>	<b>82</b>
POS centres managed by Head Office			4			4
<b>TOTAL</b>	<b>68</b>	<b>237</b>	<b>85</b>	<b>69</b>	<b>244</b>	<b>86</b>

\* Correction Done

## LENGTH OF TRANSMISSION AND DISTRIBUTION LINES IN km

	2020	2021	% Change
220 kV Route Length OH	777	807	3.9%
220 kV Route Length UG	22	22	-
132 kV Route Length OH	2,306	2,335	1.3%
132 kV Route Length UG	55	55	-
33 kV Route Length OH	33,209	33,269	0.2%
33 kV Route Length UG	48	48	0.1%
11 kV Route Length OH	1,382	1,413	2.3%
11 kV Route Length UG	1,008	1,036	2.7%
<b>Low Voltage Circuit Length OH &amp; UG Total</b>	<b>150,987</b>	<b>150,022</b>	<b>-0.6%</b>
Single Phase OH & UG	30,326	30,592	0.9%
Two Phase OH & UG	2,621	2,352	-10.3%
Three Phase OH & UG	118,040	117,078	-0.8%

## NUMBER AND CAPACITY OF SUBSTATIONS

	Units	2020	2021	% Change
Grid SS (132/33 kV)	Nos.	58	60	3.4%
	Capacity	MVA	4,632	4,758
Grid SS (220/132/33kV)	Nos.	4	4	-
	Capacity	MVA	1600/380	1600/380
Grid SS (220/132kV)	Nos.	6	7	16.7%
	Capacity	MVA	2,510	3,010
Grid SS (220/33kV)	Nos.	3	5	66.7%
	Capacity	MVA	246	498
Grid SS (132/11 kV)	Nos.	8	8	-
	Capacity	MVA	792	792
Primary SS (33kV/11kV)	Nos.	133	137	3.0%
	Capacity	MVA	2,073	2,074
Distribution SS (33kV or 11kV / LV)	Nos.	34,655	35,290	1.8%
	Capacity	MVA	7,846	7,969
<b>Total Number of Substations</b>	<b>Nos.</b>	<b>34,867</b>	<b>35,511</b>	<b>1.8%</b>
<b>Total Capacity</b>	<b>MVA</b>	<b>20,078</b>	<b>21,081</b>	<b>5.0%</b>

## DISTRIBUTION LINE LENGTH BY PROVINCE & DIVISION

Province / Division	2020			2021		
	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	832	1,161	21	855	1,215
North Western I	4,914	330	25,312	2,005	296	11,813
North Western II				2,669	41	12,526
North Central	3,878	87	10,960	3,997	89	11,591
Nothern	2,323	280	9,857	2,367	291	10,117
<b>Division 1 Total</b>	<b>11,135</b>	<b>1,530</b>	<b>47,290</b>	<b>11,058</b>	<b>1,572</b>	<b>47,262</b>
Western North	2,204	100	10,172	2,216	75	10,260
Central I	4,780	149	19,219	2,100	144	9,079
Central II				2,736	13	10,601
Eastern	3,016	321	12,272	3,073	322	12,742
<b>Division 2 Total</b>	<b>9,999</b>	<b>570</b>	<b>41,663</b>	<b>10,125</b>	<b>553</b>	<b>42,682</b>
Western South II	1,189	18	6,453	1,201	18	6,515
Uva	3,110	0	12,519	3,132	0	12,878
Sabaragamuwa	3,080	27	13,545	3,260	22	13,524
<b>Division 3 Total</b>	<b>7,379</b>	<b>45</b>	<b>32,517</b>	<b>7,593</b>	<b>40</b>	<b>32,917</b>
Western South I	781	61	5,036	783	62	5,097
Southern I	3,963	185	24,481	1,811	124	10,684
Southern II				1,947	98	11,380
<b>Division 4 Total</b>	<b>4,744</b>	<b>246</b>	<b>29,517</b>	<b>4,540</b>	<b>284</b>	<b>27,161</b>
<b>Total</b>	<b>33,257</b>	<b>2,390</b>	<b>150,987</b>	<b>33,317</b>	<b>2,449</b>	<b>150,022</b>

# CEB TARIFF

EFFECTIVE FROM  
(for each 30 - day billing period)

●DOMESTIC  
16-09-2014

●ToU for DOMESTIC  
02-05-2017

●NON DOMESTIC CATEGORIES  
15-11-2014

## DOMESTIC

Consumption 0 - 60 kWh per month		Energy Charge (Rs/kWh)	Fixed Charge (Rs/Month)
Block 1	- 0 - 30	2.50	30.00
Block 2	- 31 - 60	4.85	60.00

### Consumption above 60 kWh per month

Block 1	- 0 - 60	7.85	N/A
Block 2	- 61 - 90	10.00	90.00
Block 3	- 91 - 120	27.75	480.00
Block 4	- 121 - 180	32.00	480.00
Block 5	- Above 180	45.00	540.00

### Time of Use Electricity Tariff for Domestic Consumers

Day (05.30 - 18.30 hrs)	25.00	
Peak (18.30 - 22.30 hrs)	54.00	540.00
Off Peak (22.30 - 05.30 hrs)	13.00	

## RELIGIOUS & CHARITABLE INSTITUTIONS

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

### OTHER CUSTOMER CATEGORIES

		General Purpose		Industrial		Hotel	Government
		GP 1-1	GP 1-2	IP 1-1	IP 1-2		
Rate 1 Supply at 400/230V Contract demand less than or equal 42 kVA	Energy Charge (Rs/kWh)	For ≤300 kWh/month	For >300 kWh/month	For ≤300 kWh/month	For >300 kWh/month		
	Fixed Charge (Rs/Month)	18.30	22.85	10.80	12.20	21.50	14.65
		240.00	240.00	600.00	600.00	600.00	600.00
Rate 2 Supply at 400/230V Contract demand above 42 kVA	Energy Charge (Rs/kWh)	Day (05.30 - 18.30 hrs)	21.80	11.00	14.65		
		Peak (18.30 - 22.30 hrs)	26.60	20.50	23.50	14.55	
		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	Energy Charge (Rs/kWh)	Day (05.30 - 18.30 hrs)	20.70	10.25	13.70		
		Peak (18.30 - 22.30 hrs)	25.50	23.50	22.50	14.35	
		Off Peak (22.30 - 05.30 hrs)	14.35	5.90	8.80		
	Demand Charge (Rs/kVA)	1000.00	1000.00	1000.00	1000.00		
Fixed Charge (Rs/Month)		3000.00	3000.00	3000.00	3000.00		
Street Lighting (Rs/kWh)				17.00			

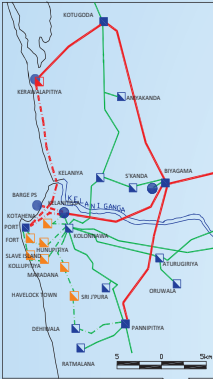
## Electric Vehicle Charging Rates at CEB Charging Stations

Time of Use (ToU)	DC Fast Charging (Rs/kWh)	Level 2 AC Charging (Rs/kWh)
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



CEYLON ELECTRICITY BOARD

# The Map of Sri Lanka Transmission System CEB Distribution Boundaries & CEB Area Boundaries in Year 2021



### CEB DIST. DIVISIONS

#### DIVISION -01

- NORTHERN**  
 N1 Jaffna  
 N2 Kilinochchi  
 N3 Vavuniya  
 N4 Jaffna East
- NORTH CENTRAL**  
 NC1 Anuradhapura  
 NC2 Kekirawa  
 NC3 Minneriya
- NORTH WESTERN 1**  
 NW1-1 Wrennapuwa  
 NW1-2 Kuliyaipitiya  
 NW1-3 Chilaw  
 NW1-4 Puttalam
- NORTH WESTERN 2**  
 NW2-1 Narammala  
 NW2-2 Kurunegala  
 NW2-3 Wariyapola  
 NW2-4 Maho
- COLOMBO CITY**  
 CO Colombo North  
 Colombo South  
 Colombo East  
 Colombo West

#### DIVISION -02

- WESTERN NORTH**  
 WN1 Negombo  
 WN2 Veyangoda  
 WN3 Ja-Ela  
 WN4 Kelaniya  
 WN5 Gampaha  
 WN6 Diulapitiya  
 WN7 Kirindiwella
- CENTRAL PROVINCE I**  
 CP1-1 Matale  
 CP1-2 Katugastota  
 CP1-3 Kandasale  
 CP1-4 Kandy City  
 CP1-5 Dambulla  
 CP1-6 Galagedara
- CENTRAL PROVINCE II**  
 CP2-1 Ginigathena  
 CP2-2 Nawalapitiya  
 CP2-3 Nuwara Eliya  
 CP2-4 Peradeniya  
 CP2-5 Hapuranketha  
 SA1 Kegalle  
 SA2 Mawanella
- EASTERN**  
 E1 Trincomalee  
 E2 Batticaloa  
 E3 Ampara  
 E4 Kalmunai  
 E5 Valachchenai

#### DIVISION -03

- WESTERN SOUTH 2**  
 WS1 Sri Japura  
 WS2 Awissawella  
 WS3 Homagama  
 WS6 Horana  
 WS7 Bandaragama
- SABARAGAMUWA**  
 SA3 Ruwanwella  
 SA4 Eheliyagoda  
 SA5 Ratnapura  
 SA6 Kahawatta  
 SA7 Embilipitiya
- UVA**  
 U1 Diyatalawa  
 U2 Badulla  
 U3 Monaragala  
 U4 Mahiyanganaya

#### DIVISION -04

- WESTERN SOUTH 1**  
 WS3 Dehiwala  
 WS4 Ratmalana  
 WS8 Kalutara  
 WS9 Mathugama
- SOUTHERN 1**  
 S1-1 Ambalangoda  
 S1-2 Baddegama  
 S1-3 Galle  
 S1-4 Akuressa
- SOUTHERN 2**  
 S2-1 Matara  
 S2-2 Tangalle  
 S2-3 Hambantota

Planning & Development Branch  
Dist. Division - 1  
27-04-2022

### LEGEND

- CEB PROVINCIAL BOUNDARY
- CEB AREA BOUNDARY
- CEB DIST. DIVISION - 01
- CEB DIST. DIVISION - 02
- CEB DIST. DIVISION - 03
- CEB DIST. DIVISION - 04
- LECO
- 220kV Line
- 220kV Underground Cable
- 132kV Underground Cable
- 132kV Line
- 220/132 kV Grid Substation
- 132/33 kV Grid Substation
- 220/33 kV Grid Substation
- 132/11 kV Grid Substation
- Hydro Power Station
- Thermal Power Station