Stakeholder Consultation on Revision of Electricity Tariffs – 2024

Considering the favorable hydro storage and profits earned for the year ended on December 31, 2023, the Ceylon Electricity Board (CEB) was directed (Annex 2) to submit a tariff proposal.

Accordingly, the end user and bulk supply tariff proposals by CEB, for January to March 2024 were received by the Commission on January 16, 2024 (Annex 3)

Commission requested (Annex 4) certain clarifications from CEB and the information are yet to be received. The Commission wishes to consult the stakeholders as required under Section 30(3) of Sri Lanka Electricity Act (SLEA), on the proposed tariff structure and the associated costs. The process is launched as early as possible to ensure timely implementation of the tariff revision. Any further analysis by the Commission on further information submitted by CEB will be uploaded in Commissions website during the stakeholder consultation period.

Stakeholders are hereby requested to provide their comments on the following;

1. Proposed forecast costs by CEB for 2024
2. Proposed Tariff Structure (3.34% reduction) by CEB (Rate table attached - Annex 1)

All comments shall be sent on or before February 12, 2024, in writing via email, fax or post. Oral consultation session is scheduled to be held on February 15, 2024 in Colombo.

ANNUAL COSTS OF CEB FOR 2024 (AS FILED BY CEB ON JAN 16, 2024)

CEB proposed costs for 2024 are shown in the table below

Table 1 – Annual Cost & Revenue 2024

Cost Components	Units	Amount for 2024
Generation -Energy Cost	MLKR	351,780.50
Generation -Capacity Cost	MLKR	135,183.00
Transmission Cost	MLKR	12,320.80
Finance Cost	MLKR	53,910.90
Distribution Cost	MLKR	133,235.20
Total Cost	**MLKR**	**686,430.40**
Estimated Revenue	**MLKR**	**710,161.30**
Surplus /(Deficit)	**MLKR**	**23,730.90**

GENERATION COSTS JAN -DEC 2024 (AS FILED BY CEB ON JAN 16, 2024)

Table 2 - Fuel Prices Jan – Jun 2024

Power Station & Fuel	Unit	Fuel Prices					
		Jan	Feb	Mar	Apr	May	Jun
Kelanitissa Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Kelanitissa Combined Cycle 2 Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Sapugaskanda Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Chunnakkam Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Barge Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Hambantota Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Mathugama Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Norachchole Coal Power Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Norachchole Coal Power Coal	LKR/kg	53.51	53.51	53.51	53.51	53.51	53.51
New Chunnakkam Heavy Fuel	LKR/Litre	209.00	209.00	209.00	209.00	209.00	209.00
Sapugaskanda Heavy Fuel	LKR/Litre	209.00	209.00	209.00	209.00	209.00	209.00
Kelanitissa Combined Cycle Naphtha	LKR/Litre	163.00	163.00	163.00	163.00	163.00	163.00
Barge Heavy Fuel	LKR/Litre	209.00	209.00	209.00	209.00	209.00	209.00
Southern Emergency Power 01 Fuel oil	LKR/kg	223.41	223.41	N/A	N/A	N/A	N/A
Southern Emergency Power 02 Fuel oil	LKR/kg	224.29	224.29	N/A	N/A	N/A	N/A
Southern Emergency Power 03Fuel oil	LKR/kg	N/A	N/A	224.29	224.29	224.29	224.29
Southern Emergency Power 01 HFO	LKR/Litre	209.00	209.00	N/A	N/A	N/A	N/A
Southern Emergency Power 02 HFO	LKR/Litre	209.00	209.00	N/A	N/A	N/A	N/A
Southern Emergency Power 03 HFO	LKR/Litre	N/A	N/A	209.00	209.00	209.00	209.00
West Coast Kerawalapitiya HFO	LKR/Litre	209.00	209.00	209.00	209.00	209.00	209.00
Sobadhanavi Diesel	LKR/Litre	N/A	N/A	N/A	N/A	N/A	358.00

Table 3 - Fuel Prices Jul – Dec 2024

Power Station & Fuel	Unit	Fuel Prices					
		Jul	Aug	Sep	Oct	Nov	Dec
Kelanitissa Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Kelanitissa Combined Cycle 2 Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Sapugaskanda Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Chunnakkam Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Barge Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Hambantota Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Mathugama Auto Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Norachchole Coal Power Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00
Norachchole Coal Power Coal	LKR/kg	53.51	53.51	53.51	53.51	53.51	53.51
New Chunnakkam Heavy Fuel	LKR/Litre	209.00	209.00	209.00	209.00	209.00	209.00
Sapugaskanda Heavy Fuel	LKR/Litre	209.00	209.00	209.00	209.00	209.00	209.00
Kelanitissa Combined Cycle Naphtha	LKR/Litre	163.00	163.00	163.00	163.00	163.00	163.00
Barge Heavy Fuel	LKR/Litre	209.00	209.00	209.00	209.00	209.00	209.00
Southern Emergency Power 03Fuel oil	LKR/kg	224.29	224.29	224.29	224.29	224.29	224.29
Southern Emergency Power 03 HFO	LKR/Litre	209.00	209.00	209.00	209.00	209.00	209.00
West Coast Kerawalapitiya HFO	LKR/Litre	209.00	209.00	209.00	209.00	209.00	209.00
Sobadhanavi Diesel	LKR/Litre	358.00	358.00	358.00	358.00	358.00	358.00

The two Tables below shows the forecast generation energy costs for the period Jan-Dec 2024, based on the generation dispatch forecast submitted by CEB.

Table 4 - Generation Dispatch Forecast and Energy Costs Jan to Jun 2024

Power Station\Month	Unit	Jan	Feb	Mar	Apr	May	Jun
Mahaweli/Laxapana/Samanala	GWh	478.27	351.27	359.45	343.84	473.72	365.11
	LKR/kWh	-	-	-	-	-	-
Mannar wind	GWh	17.69	18.26	10.59	5.00	37.37	51.20
	LKR/kWh	-	-	-	-	-	-
Sapugaskanda 1	GWh	2.76	20.80	28.48	27.04	16.44	22.58
	LKR/kWh	111.87	57.75	55.52	55.84	59.95	57.10
Sapugaskanda 2	GWh	38.17	34.47	38.17	36.94	27.85	36.94
	LKR/kWh	49.49	49.93	49.49	49.63	51.02	49.63
Kelanitissa GT16	GWh	-	-	-	-	-	-
	LKR/kWh	-	-	-	-	-	-
Kelanitissa GT07	GWh	-	-	-	-	-	-
	LKR/kWh	-	-	-	-	-	-
Kelanitissa Combined Cycle 1	GWh	67.54	67.54	67.54	67.54	52.75	67.54
	LKR/kWh	45.94	46.46	45.94	46.14	46.66	46.14
Kelanitissa Combined Cycle 2	GWh	-	-	-	-	3.07	2.66
	LKR/kWh	-	-	-	-	119.90	133.70
Norachchole Coal	GWh	466.57	473.56	524.30	507.38	493.51	338.26
	LKR/kWh	23.79	23.85	23.59	23.73	23.69	24.48
New Chunnakkam	GWh	11.14	10.69	11.84	9.69	5.63	9.03
	LKR/kWh	50.20	50.32	50.02	50.65	53.17	50.91
Island Gen Chunnakkam	GWh	0.20	0.20	0.20	0.20	0.20	0.20
	LKR/kWh	115.87	115.87	115.87	115.87	115.87	115.87
BARGE	GWh	36.16	32.66	36.16	34.72	21.50	33.05
	LKR/kWh	50.30	50.73	50.30	50.47	53.03	50.68
30MW Hambantota	GWh	-	-	-	-	0.16	-
	LKR/kWh	-	-	-	-	118.90	-
20MW Mathugama	GWh	-	-	-	-	0.07	-
	LKR/kWh	-	-	-	-	134.26	-
West Coast Kerawalapitiya	GWh	11.75	39.74	96.78	73.90	-	113.25
	LKR/kWh	69.24	57.79	54.96	55.57	-	55.07
Southern Emergency Power (100MW)	GWh	-	-	7.26	1.30	9.17	17.43
	LKR/kWh	-	-	57.44	71.70	56.79	55.62
ACE Embilipitiya	GWh	0.43	1.17	-	-	-	-
	LKR/kWh	141.91	86.36	-	-	-	-
ACE Matara	GWh	0.33	0.60	-	-	-	-
	LKR/kWh	80.92	68.89	-	-	-	-
Sobadhanavi	GWh	-	-	-	-	-	-
	LKR/kWh	-	-	-	-	-	-
Renewable	GWh	88.31	79.49	124.13	98.30	168.03	226.88
	LKR/kWh	22.01	22.55	21.43	21.73	20.83	20.43
Solar Rooftop Generation	GWh	73.45	73.52	80.24	70.72	68.76	65.05
	LKR/kWh	24.92	24.92	24.92	24.92	24.92	24.92
Total	**GWh**	**1,292.77**	**1,203.98**	**1,385.14**	**1,276.56**	**1,378.23**	**1,349.16**
	MLKR	**23,479**	**25,639**	**31,771**	**28,863**	**24,152**	**30,498**

Table 5 - Generation Dispatch Forecast and Energy Costs Jul to Dec 2024

Power Station\Month	Unit	Jul	Aug	Sep	Oct	Nov	Dec
Mahaweli/Laxapana/Samanala	GWh	462.36	317.94	349.81	332.94	325.13	353.70
	LKR/kWh	-	-	-	-	-	-
Mannar wind	GWh	45.60	44.40	42.21	18.61	12.46	18.19
	LKR/kWh	-	-	-	-	-	-
Sapugaskanda 1	GWh	23.02	22.29	13.18	30.36	29.38	23.43
	LKR/kWh	56.95	57.19	62.54	55.14	55.33	56.82
Sapugaskanda 2	GWh	34.99	38.17	28.86	38.17	36.94	35.78
	LKR/kWh	49.87	49.49	50.82	49.49	49.63	49.77
Kelanitissa GT16	GWh	-	-	-	-	-	-
	LKR/kWh	-	-	-	-	-	-
Kelanitissa GT07	GWh	-	-	-	-	-	-
	LKR/kWh	-	-	-	-	-	-
Kelanitissa Combined Cycle 1	GWh	64.47	67.54	54.91	69.45	70.72	61.70
	LKR/kWh	46.00	46.46	46.19	47.14	47.90	46.26
Kelanitissa Combined Cycle 2	GWh	8.43	-	-	3.38	32.44	30.35
	LKR/kWh	93.21	-	-	122.15	82.92	83.85
Norachchole Coal	GWh	349.53	524.30	451.57	349.53	338.26	349.53
	LKR/kWh	24.40	23.67	23.85	24.52	24.48	24.40
New Chunnakkam	GWh	7.67	10.05	6.49	10.45	11.46	9.56
	LKR/kWh	51.57	50.53	52.37	50.40	50.11	50.70
Island Gen Chunnakkam	GWh	0.20	0.20	0.20	0.20	0.20	0.20
	LKR/kWh	115.87	115.87	115.87	115.87	115.87	115.87
BARGE	GWh	31.12	36.16	25.40	34.15	33.05	34.15
	LKR/kWh	50.95	50.30	52.00	50.54	50.68	50.54
30MW Hambantota	GWh	0.74	-	-	-	-	2.35
	LKR/kWh	103.84	-	-	-	-	100.97
20MW Mathugama	GWh	0.34	-	-	-	-	-
	LKR/kWh	107.18	-	-	-	-	-
West Coast Kerawalapitiya	GWh	97.23	38.71	46.41	152.10	123.36	121.90
	LKR/kWh	54.95	57.92	57.10	54.24	54.48	54.96
Southern Emergency Power (100MW)	GWh	16.03	-	-	31.34	42.35	35.75
	LKR/kWh	-	-	-	55.05	54.86	54.96
Sobadhanavi	GWh	5.47	-	-	-	-	-
	LKR/kWh	-	-	-	-	-	-
Renewable	GWh	181.06	232.12	240.62	221.42	181.51	193.14
	LKR/kWh	20.78	20.30	20.12	20.01	19.97	19.99
Solar Rooftop Generation	GWh	73.48	73.37	77.17	73.77	65.26	67.61
	LKR/kWh	24.92	24.92	24.92	24.92	24.92	24.92
Total	**GWh**	**1,401.73**	**1,405.24**	**1,336.84**	**1,365.86**	**1,302.50**	**1,337.35**
	MLKR	**28,390**	**29,846**	**26,696**	**34,340**	**34,385**	**33,722**

Table 6 - Generation Capacity Costs Jan to Jun 2024

Power Station\Month	Unit	Jan	Feb	Mar	Apr	May	Jun
Mahaweli	MLKR	1,191.57	1,191.57	1,191.57	1,191.57	1,191.57	1,191.57
Laxapana	MLKR	1,103.22	1,103.22	1,103.22	1,103.22	1,103.22	1,103.22
Samanala	MLKR	788.46	788.46	788.46	788.46	788.46	788.46
Mannar Wind	MLKR	544.62	544.62	544.62	544.62	544.62	544.62
Sapugaskanda 1	MLKR	330.39	330.39	330.39	330.39	330.39	330.39
Sapugaskanda 2	MLKR	339.83	339.83	339.83	339.83	339.83	339.83
Kelanitissa GT16	MLKR	263.33	263.33	263.33	263.33	263.33	263.33
Kelanitissa GT07	MLKR	442.01	442.01	442.01	442.01	442.01	442.01
Kelanitissa Combined Cycle 1	MLKR	366.49	366.49	366.49	366.49	366.49	366.49
Kelanitissa Combined Cycle 2	MLKR	183.07	183.07	183.07	183.07	142.55	142.55
Norachchole Coal	MLKR	4,171.89	4,171.89	4,171.89	4,171.89	4,171.89	4,171.89
New Chunnakkam	MLKR	139.00	139.00	139.00	139.00	139.00	139.00
Island Gen Chunnakkam	MLKR	11.58	11.58	11.58	11.58	11.58	11.58
BARGE	MLKR	200.88	200.88	200.88	200.88	200.88	200.88
30MW Hambantota	MLKR	54.79	54.79	54.79	54.79	51.64	54.79
20MW Mathugama	MLKR	36.53	36.53	36.53	36.53	34.43	36.53
West Coast Kerawalapitiya	MLKR	1,204.82	1,127.09	1,204.82	1,165.96	1,171.35	1,133.57
Southern Emergency Power	MLKR	-	-	136.57	121.67	141.34	161.98
ACE Embilipitiya	MLKR	111.22	113.07	-	-	-	-
ACE Matara	MLKR	33.73	34.44	-	-	-	-
Sobadhanavi	MLKR	-	-	-	-	-	448.10
Renewable	MLKR	-	-	-	-	-	-
Total	**MLKR**	**11,517.41**	**11,442.25**	**11,509.03**	**11,455.27**	**11,434.57**	**11,870.77**

Table 7 - Generation Capacity Costs Jul to Dec 2024

Power Station\Month	Unit	Jul	Aug	Sep	Oct	Nov	Dec
Mahaweli	MLKR	1,191.57	1,191.57	1,191.57	1,191.57	1,191.57	1,191.57
Laxapana	MLKR	1,103.22	1,103.22	1,103.22	1,103.22	1,103.22	1,103.22
Samanala	MLKR	788.46	788.46	788.46	788.46	788.46	788.46
Mannar Wind	MLKR	544.62	544.62	544.62	544.62	544.62	544.62
Sapugaskanda 1	MLKR	330.39	330.39	330.39	330.39	330.39	330.39
Sapugaskanda 2	MLKR	339.83	339.83	339.83	339.83	339.83	339.83
Kelanitissa GT16	MLKR	263.33	263.33	263.33	263.33	263.33	263.33
Kelanitissa GT07	MLKR	442.01	442.01	442.01	442.01	442.01	442.01
Kelanitissa Combined Cycle 1	MLKR	366.49	366.49	366.49	366.49	366.49	366.49
Kelanitissa Combined Cycle 2	MLKR	142.55	183.07	183.07	142.55	142.55	142.55
Norachchole Coal	MLKR	4,171.89	4,171.89	4,171.89	4,171.89	4,171.89	4,171.89
New Chunnakkam	MLKR	139.00	139.00	139.00	139.00	139.00	139.00
Island Gen Chunnakkam	MLKR	11.58	11.58	11.58	11.58	11.58	11.58
BARGE	MLKR	200.88	200.88	200.88	200.88	200.88	200.88
30MW Hambantota	MLKR	51.64	54.79	54.79	54.79	54.79	51.64
20MW Mathugama	MLKR	34.43	36.53	36.53	36.53	36.53	36.53
West Coast Kerawalapitiya	MLKR	1,204.82	1,127.09	1,204.82	1,165.96	1,171.35	1,133.57
Southern Emergency Power	MLKR	-	-	118.42	196.77	224.30	207.79
ACE Embilipitiya	MLKR	110.14	110.14	-	-	-	-
ACE Matara	MLKR	32.85	32.85	-	-	-	-
Sobadhanavi	MLKR	-	-	-	-	-	448.10
Renewable	MLKR	-	-	-	-	-	-
Total	**MLKR**	**11,469.69**	**11,437.73**	**11,490.88**	**11,489.84**	**11,522.77**	**11,913.43**

TRANSMISSION, DISTRIBUTION AND FINANCE COSTS OF CEB FOR 2024 (AS FILED BY CEB ON JAN 16, 2024)

Table 8 – Annual Transmission, Distribution and Finance Cost 2024

Cost Components	Units	Amount for 2024
Transmission Cost	MLKR	12,320.80
Finance Cost	MLKR	53,910.90
Distribution Cost	MLKR	133,235.20

COMMISSION VIEWS ON CEB TARIFF FILING

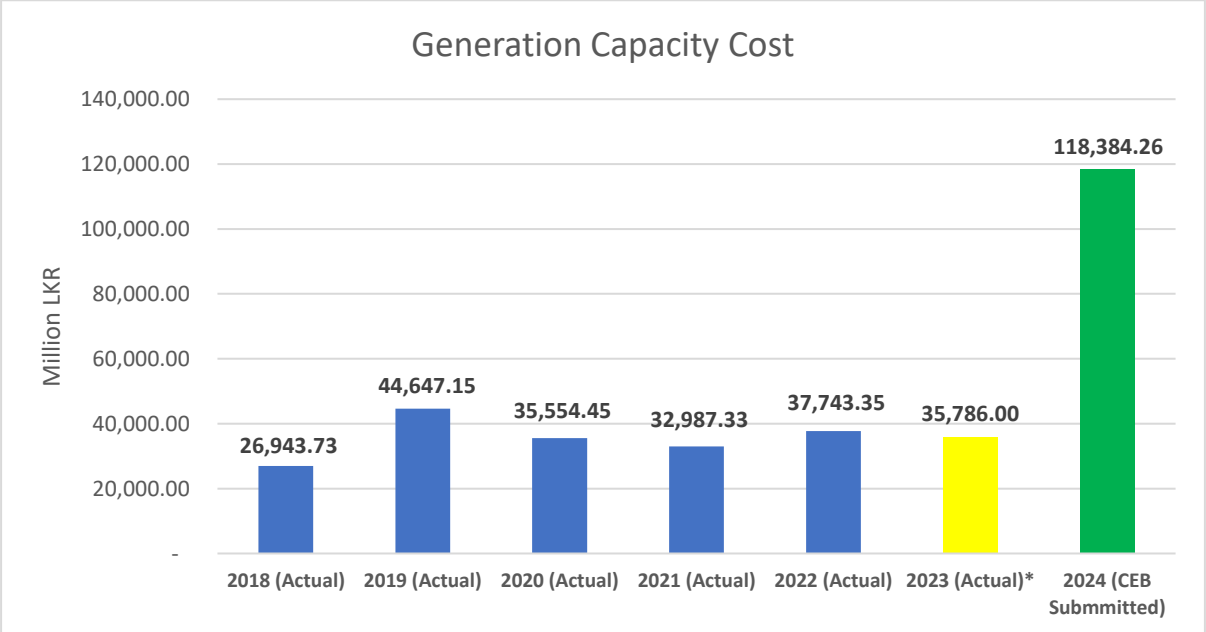
Commission has noticed following items in CEB proposal for further review;

1. 100 MW of emergency power is included in the dispatch forecast without any approval of the Commission and in a situation where existing 100 MW emergency power plants procured have only generated on average 6.29 GWh/month. However, a capacity charge of 206 MLKR/month have been paid on average.
   Despite the extremely low utilization of emergency power plants procured in 2023, CEB has proposed to purchase emergency power in 2024 as well, having an additional capacity charge of MLKR 1,594.84 for the year 2024.

2. CEB has proposed to dispatch power plants without generation license in 2024. In June 2023 costs of non-licensed power plants were allowed in the tariff with the condition that CEB shall obtain generation licenses within two months from June 30, 2023. However, CEB has not obtained generation license for these power plants. The forecast capacity cost of these plants is MLKR 5,160.65 for year 2024

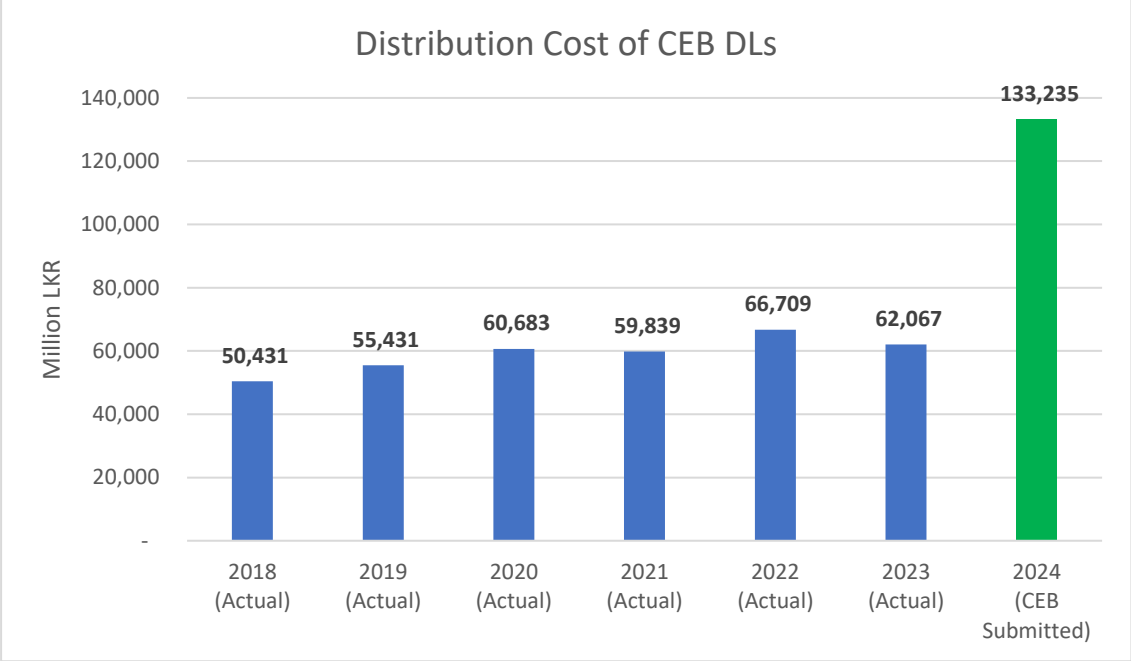
3. Depreciation of CEB generation plants is added to the capacity cost. Since these plants have been built with the government fundings, it is not appropriate for CEB to collect depreciation for the same. However, 20% of total depreciation charge can be allowed as Return on Equity. Thus, the additional forecast capacity charge from this is MLKR 14,816.92 for year 2024.

4. Generation capacity cost is overstated for 2024. Actual generation capacity cost for past years is compared below with the capacity costs submitted for 2024. The forecast additional capacity cost is MLKR 95,728.72 for year 2024.



*Note: Generation capacity costs for years except for year 2023 above includes only the capacity costs of CEB plants. The 2023 cost includes the capacity costs of IPP plants, West Coast, ACE-Embilipitiya and ACE-Matara, in addition to the CEB plant costs. For 2024 IPP capacity cost of, West Coast, ACE-Embilipitiya ACE-Matara, Southern Emergency Power 100MW and Sobadhanavi needs to be added to the cost shown above to get the total capacity cost.

5. Distribution cost of MLKR 133,235.20 is overstated for 2024.
Historical actual distribution costs of CEB are shown below.



Actual distribution costs of LECO have been requested. Once the information is submitted, it will be uploaded with this document. Overall, the forecast CEB distribution cost is about MLKR 64,915.60 overstated for year 2024

6. A finance cost of MLKR 53,910.90 for 2024 is submitted by CEB. In a situation where the policy rates have been reduced, a finance cost of MLKR 53,910.90 shall be further looked into.

7. CEB has submitted an income statement for year ended on December 31, 2023 (Values for month of December are estimated) (Annex 5). As per the submitted income statement, profits earned during 2023 is MLKR 48,722. However, the profits earned during 2023 has not been considered for tariff reduction proposal of CEB. Also, the profit estimated for December 2023 is understated at MLKR 16,987, compared to MLKR 32,187 reported for November 2023.

8. CEB has not considered the time taken to implement the tariff revision in arriving at the percentage reduction of 3.34% and has distributed the surplus throughout all 12 months even though CEB has requested to implement the tariff from February 1, 2024. However, it is estimated that the new reduced tariff will be implemented from Mid-February, 2024.
Therefore, it is proposed to distribute the total surplus over 10.5 months.

Annex I

	EXISTING TARIFF	PROPOSED TARIFF
EFFECTIVE FROM (for each 30 - day billing period)	2023-10-20	2024-02-01

DOMESTIC	Energy Charge (Rs./kWh)	Fixed Charge (Rs./mth)	Energy Charge (Rs./kWh)	Fixed Charge (Rs./mth)
Consumption 0 - 60 kWh per month				
Block 1 : 0 - 30 kWh	12.00	180.00	11.00	165.00
Block 2 : 31 - 60 kWh	30.00	360.00	27.50	330.00
Consumption above 60 kWh per month				
Block 1 : 0 – 60 kWh	38.00	N/A	37.00	N/A
Block 2 : 61 – 90 kWh	41.00	480.00	39.00	455.00
Block 3 : 91 – 120 kWh	59.00	1,180.00	56.00	1,120.00
Block 4 : 121 – 180 kWh	59.00	1,770.00	57.00	1,700.00
Block 5 : 181 kWh and above	89.00	2,360.00	85.50	2,270.00
Optional Time of Use (ToU) Electricity Tariff for Dom. Consumers				
Day (05:30 – 18:30 hrs)	83.00	2,360.00	79.75	2,270.00
Peak (18:30 – 22:30 hrs)	106.00		102.00	
Off Peak (22:30 – 05:30 hrs)	35.00		33.75	
RELIGIOUS & CHARITABLE INSTITUTIONS				
Consumption 0 - 180 kWh per month				
Block 1 : 0 – 30 kWh	12.00	180.00	11.00	165.00
Block 2 : 31 – 90 kWh	24.00	300.00	22.00	275.00
Block 3 : 91 – 120 kWh	41.00	710.00	39.00	670.00
Block 4 : 121 – 180 kWh	53.00	1,770.00	51.00	1,700.00
Block 5 : 181 kWh and above	59.00	2,360.00	56.75	2,270.00

OTHER CONSUMER CATEGORIES			Industrial		Hotel		General Purpose / Government		Industrial		Hotel		General Purpose / Government	
Volume differentiated monthly consumption			IP 1-1 (≤ 300 kWh/mth)	IP 1-2 (> 300 kWh/mth)	H 1-1 (≤ 180 kWh/mth)	H 1-2 (> 180 kWh/mth)	GP/GV 1-1 (≤ 180 kWh/mth)	GP/GV 1-2 (> 180 kWh/mth)	IP 1-1 (≤ 300 kWh/mth)	IP 1-2 (> 300 kWh/mth)	H 1-1 (≤ 180 kWh/mth)	H 1-2 (> 180 kWh/mth)	GP/GV 1-1 (≤ 180 kWh/mth)	GP/GV 1-2 (> 180 kWh/mth)
Rate 1 Supply at 400/230 V Contract demand <= 42 kVA	Energy Charge (Rs. /kWh)		20.00	28.00	20.00	28.00	43.00	56.00	19.25	26.75	19.25	26.75	39.75	54.50
	Fixed Charge (Rs./mth)		340.00	1,120.00	340.00	1,120.00	750.00	1,860.00	325.00	1,070.00	325.00	1,070.00	690.00	1,800.00
Rate 2 Supply at 400/230 V Contract demand > 42 kVA	Energy Charge (Rs./kW)	Day (05:30 – 18:30 hrs)	38.00		38.00		58.00		36.40		36.40		56.90	
		Peak (18:30 – 22:30 hrs)	41.00		41.00		68.00		39.40		39.40		66.70	
		Off Peak (22:30 – 05:30 hrs)	32.00		32.00		48.00		30.80		30.80		47.10	
	Demand Charge (Rs./kVA)		1,800.00				2,000.00		1,720.00				1,960.00	
	Fixed Charge (Rs./mth)		6,200.00				6,200.00		5,360.00				6,080.00	
Rate 3 Supply at 11 kV & above	Energy Charge (Rs./kW)	Day (05:30 – 18:30 hrs)	37.00		37.00		57.00		35.40		35.40		55.90	
		Peak (18:30 – 22:30 hrs)	40.00		40.00		67.00		38.40		38.40		65.70	
		Off Peak (22:30 – 05:30 hrs)	31.00		31.00		47.00		29.80		29.80		46.10	
	Demand Charge (Rs./kVA)		1,680.00				1,860.00		1,600.00				1,825.00	
	Fixed Charge (Rs./mth)		5,600.00				6,200.00		5,360.00				6,080.00	
STREET LIGHTING														
Street Lighting (Rs./kWh)			56.00						55.00					

EV CHARGING OF CEB CHARGING STATIONS	DC Fast Charging (Rs./kWh)	Level 2 AC Ch. (Rs./kWh)	DC Fast Charging (Rs./kWh)	Level 2 AC Ch. (Rs./kWh)
Day (05:30 – 18:30 hrs)	109.00	87.00	107.00	85.00
Peak (18:30 – 22:30 hrs)	139.00	112.00	136.00	110.00
Off Peak (22:30 – 05:30 hrs)	66.00	50.00	65.00	49.00

AGRICULTURE - Optional Time of Use (ToU) Electricity Tariff		Energy Charge (Rs./kWh)	Fixed Charge (Rs./mth)	Energy Charge (Rs./kWh)	Fixed Charge (Rs./mth)
Rate 1 Supply at 400/230V Contract demand <= 42 kVA	Day (05:30 – 18:30 hrs)	38.00	1,120.00	36.40	1,070.00
	Peak (18:30 – 22:30 hrs)	41.00		39.40	
	Off Peak (22:30 – 05:30 hrs)	32.00		30.80	

ශ්‍රී ලංකා මහජන උපයෝගිතා කොමිෂන් සභාව
இலங்கைப் பொதுப் பயன்பாடுகள் ஆணைக்குழு
PUBLIC UTILITIES COMMISSION OF SRI LANKA

ඔබේ අංකය உமது இல. Your No.	අපේ අංකය எமது இல. Our No.	දිනය திகதி Date
	PUC/E/Tariff/01	Nov 27, 2023

Dr. Narendra De Silva
General Manager,
Ceylon Electricity Board

Financial Situation of CEB – 2023

Reference is made to your letters (Ref: DGM(CS&RA)/TRF/Trf.2023) dated Sep 4, 2023, Sep 26, 2023, Oct 17, 2023 and Nov 16, 2023 and Section 30 of Sri Lanka Electricity Act No. 20 of 2009.

The Commission observes following issues with your aforementioned submissions;

1. Non-evidence based hydro prediction

CEB has not submitted any evidence for its hydro generation forecast used in the tariff submission dated Oct 17, 2023. Report of the Department of Meteorology published in the first week of October is attached herewith. CEB is required to submit explanations for not taking into account the prediction report in its submission dated Oct 17, 2023.

Further CEB is required to submit any report, written communication or a meeting minute of Department of Meteorology that provided the basis for its hydro inflow forecast used for Oct 17, 2023 tariff submission.

The forecast submitted to the Commission by Department of Meteorology is attached for your reference.

2. Increase in fixed costs in CEB submissions

In its letter dated Sep 4, 2023 CEB had emphasized depleted hydropower generation and increase in demand as reasons for the increased cost and requirement of a tariff increase. Based on the said letter and subsequent tariff submission of Sep 26, 2023 the Commission initiated the tariff review. However, it is observed that CEB has increased its non-generation fixed costs by MLKR 9,343 compared to May 15, 2023 values. Details of the fixed cost increase is shown in the table below;

Description	Unit	15-May Submission for 2023H2	17-Oct Submission for 2023H2	Increase from 15-May to 17-Oct
Transmission Cost	MLKR	12,903	16,711	3,808
CEB Distribution Cost	MLKR	37,062	38,454	1,392
Corporate Cost	MLKR	-	5,467	
Finance Cost	MLKR	19,802	18,478	(1,324)
Total Cost	**MLKR**	**69,767**	**79,110**	**9,343**

CEB is required to submit explanations/justification for the increase in fixed costs shown above with detailed breakdown and also for concealing it in the tariff submission.

06.වන මහල, ලංකා බැංකු වෙළඳ කුවෙණ,
28, ශාන්ත මයිකල් පාර, කොළඹ 03.
06 ஆவது மாடி, இலங்கை வங்கி வர்த்தகக் கோபுரம்,
28, சென் மைக்கல் வீதி, கொழும்பு 03.
Level 06, BOC Merchant Tower,
28, St. Michael's Road, Colombo 03, Sri Lanka.
Tel : +94 11 2392607/8 Fax : +94 11 2392641 E-mail : info@pucsl.gov.lk Web : www.pucsl.gov.lk
සභාපති தலைவர் Chairman +94 11 2392606
අධ්‍යක්ෂ ජනරාල් பணிப்பாளர் நாயகம் Director General +94 11 2392606

3. Increase in fixed costs in accounts submitted in Nov 16, 2023

CEB submitted a latest estimate of 2023 Income Statement. In the said statement the fixed costs were further increased for the months October, November and December 2023. Total increase of fixed costs for the period July-Dec 2023 is MLKR 17,013. The details are shown below;

Description	Unit	15-May Submission for 2023H2	17-Oct Submission for 2023H2	16-Nov Submission	Increase from 15-May to 16-Nov
Transmission Cost	MLKR	12,903	16,711	16,567	3,664
CEB Distribution Cost	MLKR	37,062	38,454	48,997	11,935
Corporate Cost	MLKR	0	5,467	0	-
Finance Cost	MLKR	19,802	18,478	21,216	1,414
Total Cost	**MLKR**	**69,767**	**79,110**	**86,780**	**17,013**

CEB is required to submit explanations/justification for the increase in fixed costs shown above with detailed breakdown.

Due to aforementioned issues the Commission is of the view that CEB has understated the 2023 projected profit. Therefore, the Commission estimated the 2023 profit of CEB using CEB submitted actual generation data and dispatch data. The detail estimation is shown below;

Description	Unit	Jan to Sep – 2023 (Actual -as submitted by CEB)	Oct 2023 (Based on actual gen. data)	Nov 2023 (Based on actual gen. data upto 14th)	Dec 2023 (CEB SDDP)	2023 Overall
Total revenue	**MLKR**	**461,666**	**51,845**	**53,700**	**57,286**	**624,497**
Generation Cost	MLKR	378,786	22,541	17,374	28,409	447,110
Transmission Cost	MLKR	12,870	1,426	1,380	1,426	17,102
CEB Distribution Cost	MLKR	42,532	5,790	5,603	5,790	59,715
Finance Cost	MLKR	44,217	2,489	2,409	2,489	51,604
Total Cost	**MLKR**	**478,405**	**32,246**	**26,766**	**38,114**	**575,531**
Profit/(Loss)	**MLKR**	**(16,739)**	**19,599**	**26,934**	**19,174**	**48,966**

- October 2023 – Generation energy cost is based on actual generation data.
- November 2023 – Generation energy cost is calculated pro rata basis based on actual generation data up to Nov 14, 2023.
- December 2023 – Generation energy cost is calculated using CEB dispatch forecast submitted on Oct 24, 2023.
- Generation capacity cost for Oct-Dec 2023 is based on CEB submitted Bulk Supply tariff filing on Sep 4, 2023.
- Transmission, Distribution and Finance cost is estimated as an equal distribution of Commission approved values for July-Dec 2023 on June 30, 2023.

If CEB does not agree with the above estimation CEB may submit an alternative forecast with detailed justification (that includes reasonable costs in terms of Section 30 of Sri Lanka Electricity Act No. 20 of 2009)

Further, CEB is required to submit;

1. The possibility of passing the benefit of expected profit (for 2023) to electricity consumers at next tariff revision.
2. The Terms of Reference prepared for the comprehensive audit (for CEB) as directed by the Commission along with the tariff approval dated Oct 19, 2023.

You are hereby required to submit all aforementioned information on or before Dec 07, 2023.

Damitha Kumarasinghe
Director General

කාලගුණ විද්‍යා දෙපාර්තමේන්තුව
வளிமண்டலவியல் திணைக்களம்
DEPARTMENT OF METEOROLOGY
ශ්‍රී ලංකාව இலங்கை SRI LANKA

Consensus Seasonal Weather Outlook

October, November and December(OND2023)

Seasonal Rainfall and Temperature for Sri Lanka

These forecasts are prepared using

- The prevailing global climate conditions.
- Forecasts from different climate models from around the world.
- Statistical downscaling of GCM output using CPT

Issued by Centre for Climate Change Studies (CCCS)

and

Research Division

1. Prevailing global climate conditions

During the last four weeks, equatorial SSTs were above average across most of the Pacific Ocean, in the western Indian Ocean, and across much of the Atlantic Ocean (Fig.1 and Fig.2). During the last four weeks, positive SST anomaly changes were evident in the western and east-central Pacific Ocean, and negative changes were observed in the eastern Pacific.

1.1 El Nino and La Nina update

El Niño conditions are observed. Equatorial sea surface temperatures (SSTs) are above average across the central and eastern Pacific Ocean. The tropical Pacific atmospheric anomalies are consistent with El Niño.El Niño is anticipated to continue through the Northern Hemisphere winter (with greater than a 95% chance through January-March 2024).

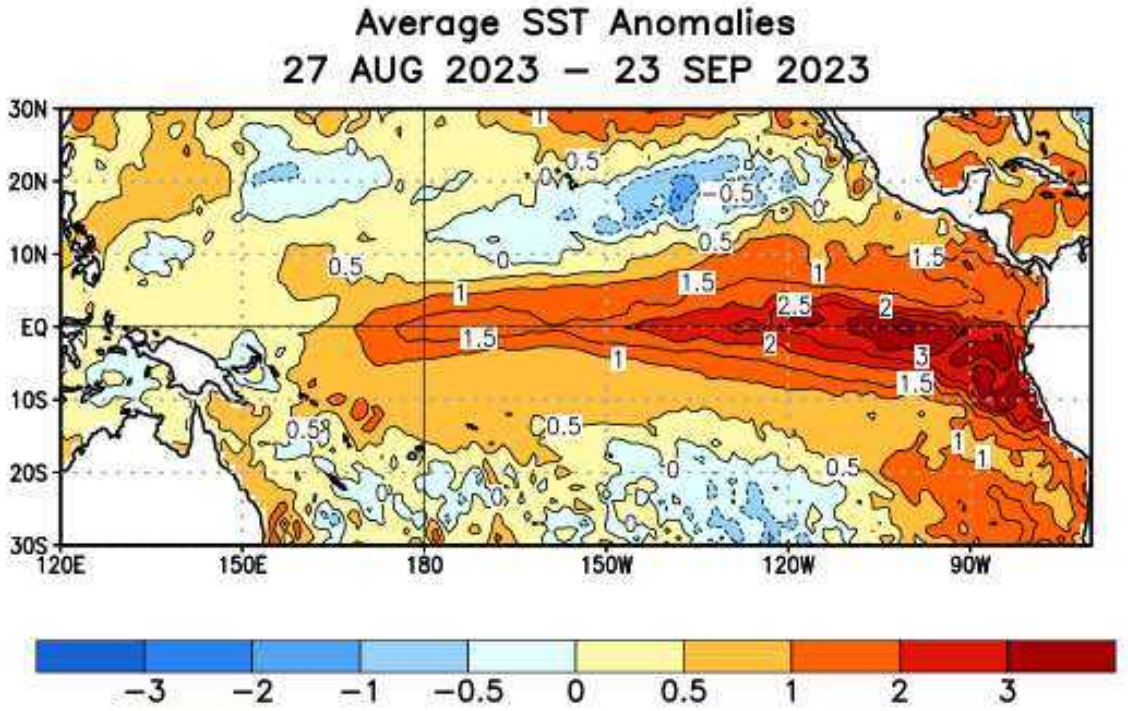


Fig 1: Observed Average sea surface temperature (SST) anomalies (°C)

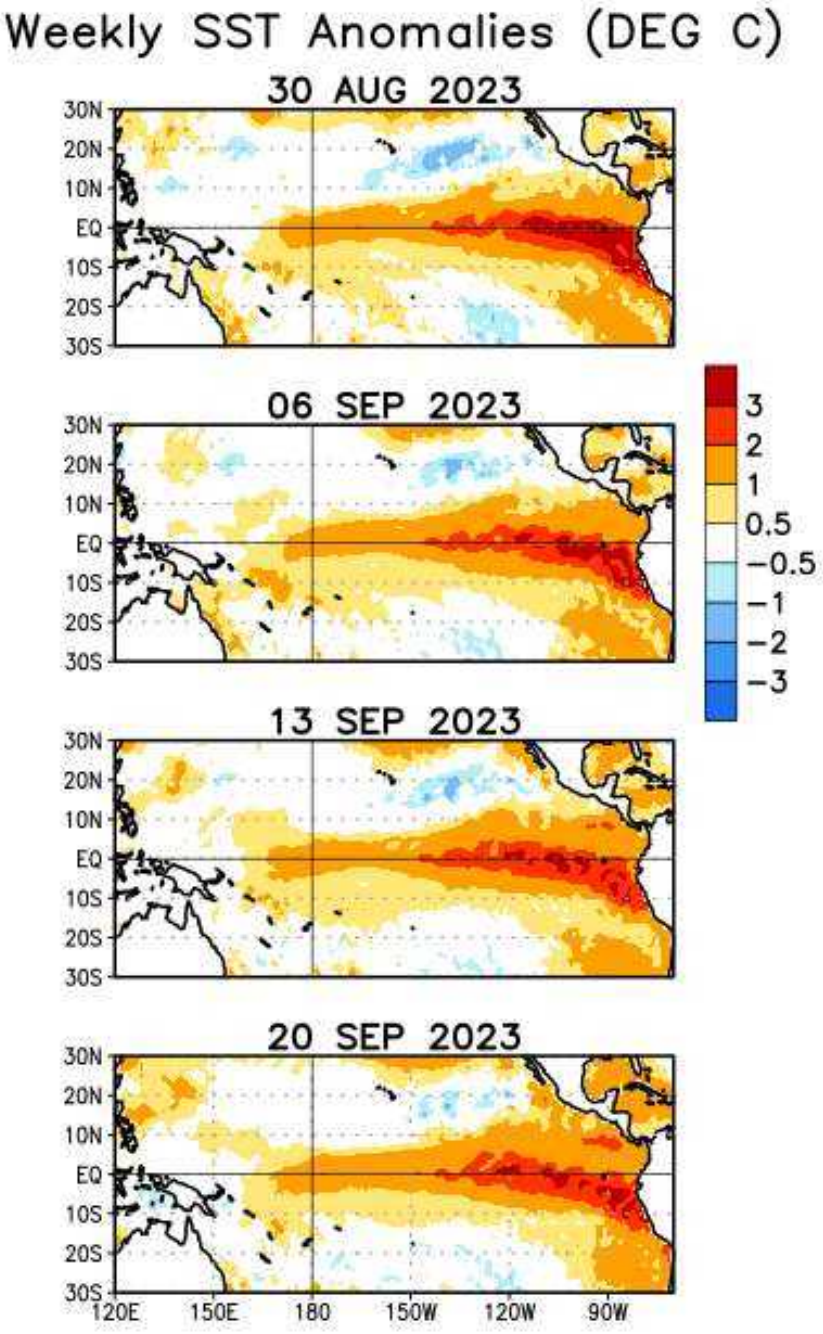


Fig 2: Weekly Observed Average sea surface temperature (SST) anomalies (°C)

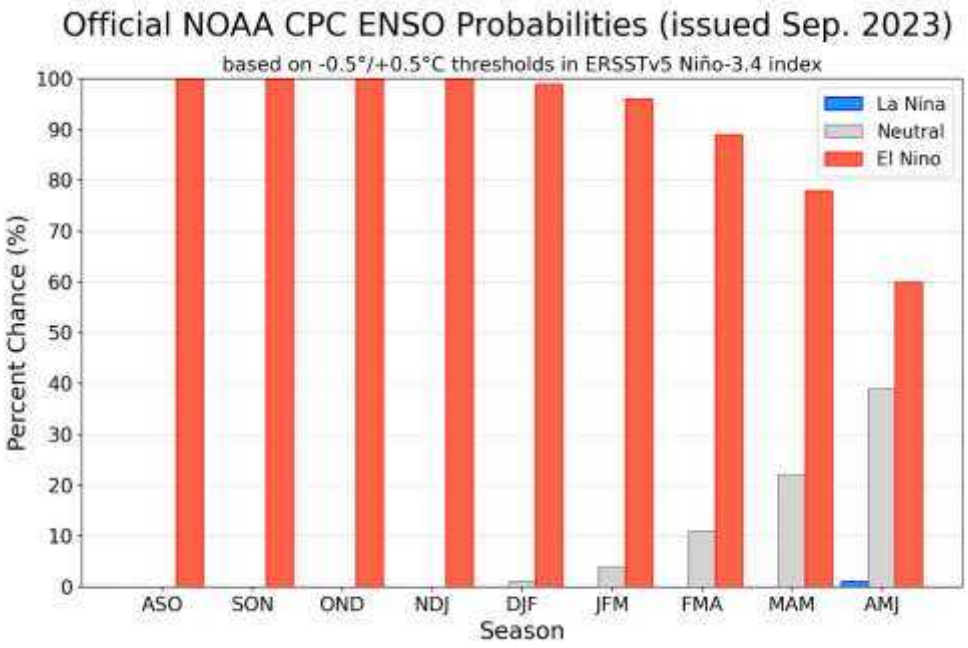


Fig 3a: ENSO forecast from Climate Prediction Center (CPC)/ IRI Forecast

1.1.1 Impacts of El-Niño on monthly rainfall anomaly during October, November and December

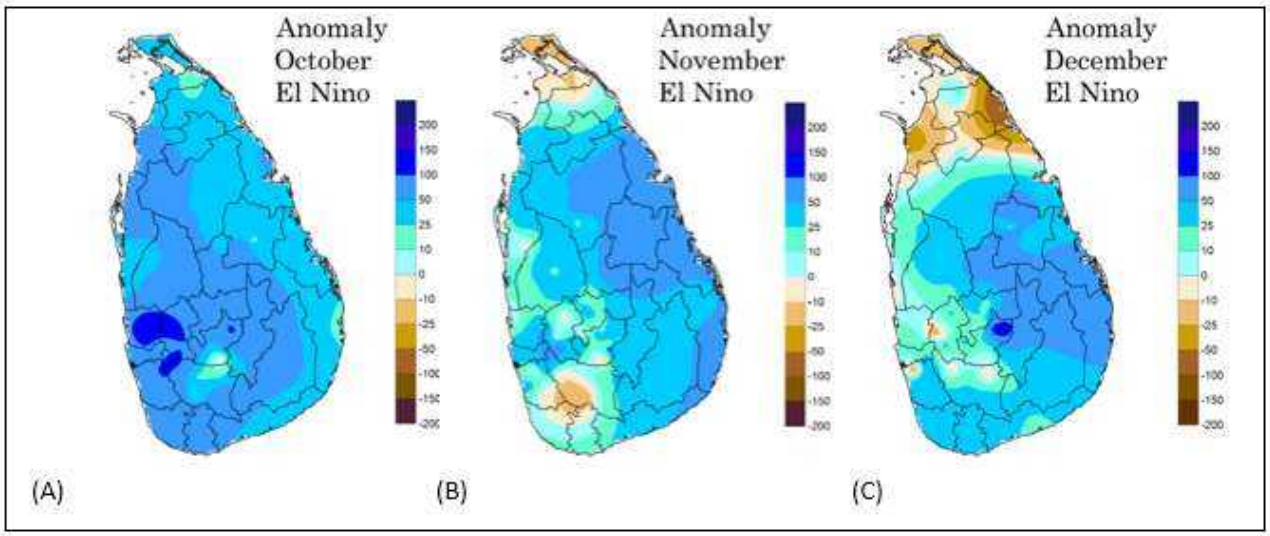


Fig 3b: Monthly Rainfall Anomaly maps of the months of October(A), November (B) and December (C) during El-Niño years (Hapuarachchi et al 2016)

Previous studies conducted by the Department of Meteorology, identified that, during El-Niño years, above normal rainfalls are likely over the most parts of the country during the month of October (Fig 3b(A)). During the month of November above normal rainfalls are likely over most parts of the country, while below normal rainfalls are expected in some areas in Jaffna, Killnochchi, Rathnapura, Kalutara, Galle and Mathara districts (Fig 3b(B)). During the month of December above normal rainfalls are likely over most parts except northern province, where below normal rainfalls are likely when El-Niño conditions were persistent(Fig 3b(C)).

1.2 The Indian Ocean Dipole (IOD) update

A positive IOD event is underway. The Indian Ocean Dipole (IOD) index was +1.45 °C for week ending 24 September. This is its sixth week above the positive IOD threshold (+0.40 °C).

Weekly sea surface temperatures (SSTs) for the week ending 24 September show warmer than average waters close to the Horn of Africa. Conversely, the eastern pole of the IOD was cooler than average, with a notable area of cooler waters extending southwards from the coast of Java. This shows a clear gradient between the western and eastern tropical Indian Ocean that is typical of a positive IOD. Compared to last week, the cooling has expanded westwards from Java and the warm anomalies have slightly cooled over the western pole of the IOD. All international climate models surveyed by the Bureau suggest the positive IOD event is likely to continue for the remainder of the southern hemisphere spring.(BOM-Australia).

A positive IOD typically leads to enhance rainfall over Sri Lanka during OND season.

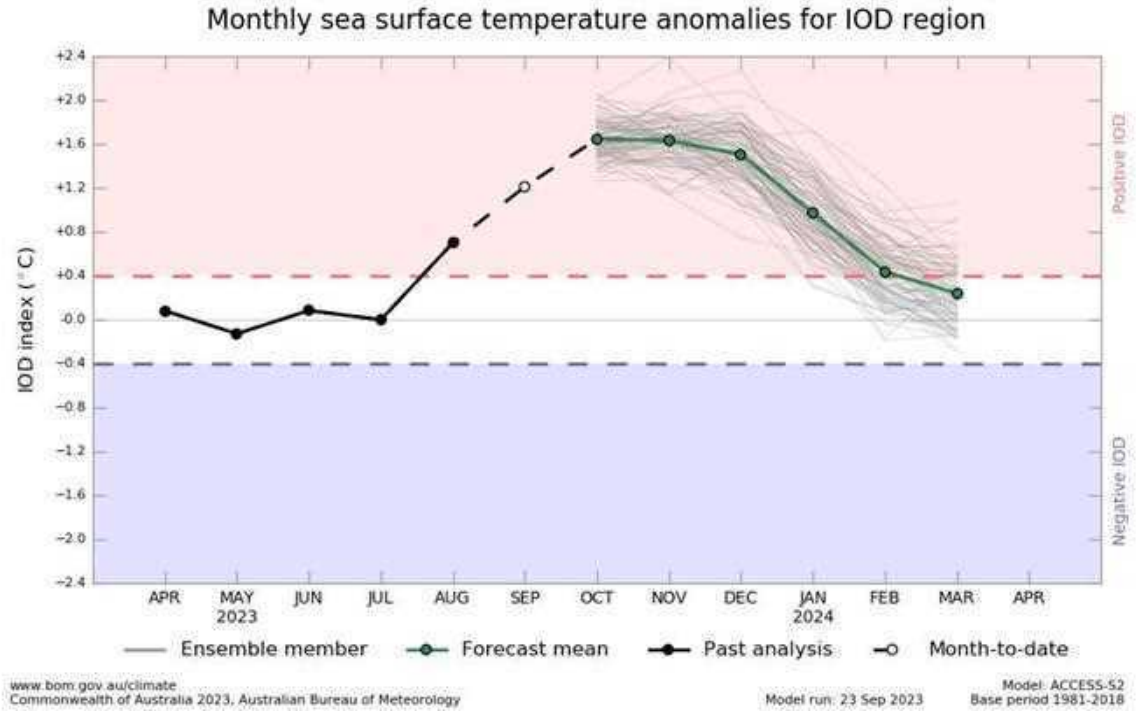


Figure 4a: IOD forecast from Australian Bureau of Meteorology

1.2.1 Impacts of positive IOD on monthly rainfall anomaly during October, November and December

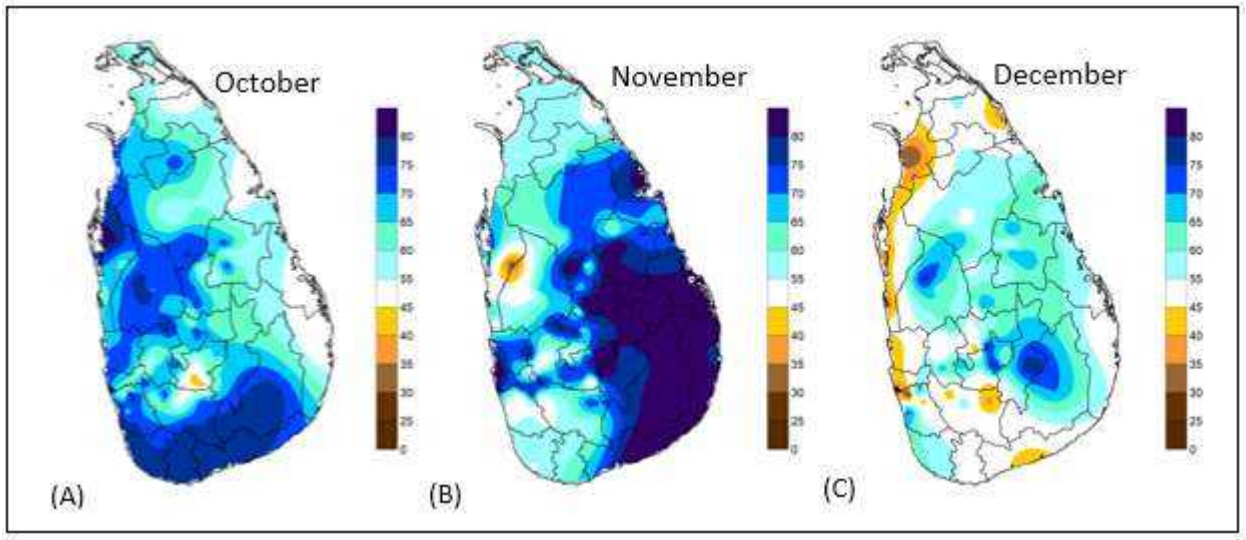


Fig 4b: Median Based Composite maps of Monthly Rainfall during October(A), November (B) and December (c) during positive IOD years (Hapuarachchi et al 2018)

Previous studies conducted by the Department of Meteorology identified that there is a higher probability of getting near or above normal rainfalls in most of the areas of the country (Fig 4b(A) and (Fig 4b (B)) during the months of October and November under the positive IOD condition. During the month of December it is showing the higher probability of getting near or above normal rainfall all over the country except western and north western coastal areas where below normal rainfalls are likely (Fig 4b (C)).

2. Forecasts from different climate models from around the world.

2.1 October to December(OND) 2023 season

Figure 5 shows the probabilistic multi model ensemble forecast which prepared by using dynamical models from 13 Global Producing Centers (GPC) for OND season. It can be expected above normal rainfalls over most parts of the country except northern province, where no clear signal indicated. Accordingly below or about or above normal rainfall can be expected over northern province during October–December(OND) 2023 season.

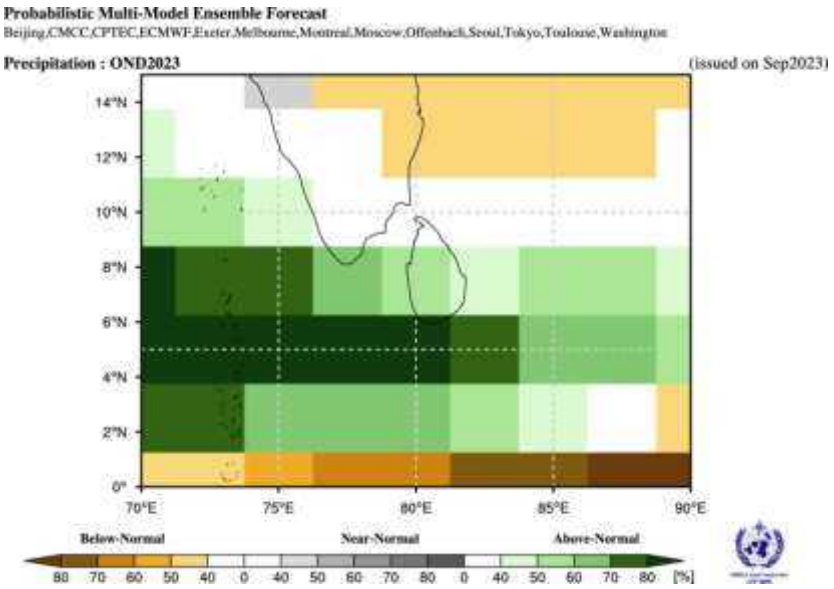


Fig 5: Probabilistic multi model ensemble forecast for OND using dynamical models from 13 WMO global producing centers (GPC).

Figure 6 depicts individual forecasts provided by same GPC centers for the OND season. Out of 13 GPC individual models, 10 models predicted above normal rainfall over the country and 3 models predicted abovenormal rainfall in southern parts of the country. Accordingly above normal rainfalls are likely over the country during OND 2023 season.

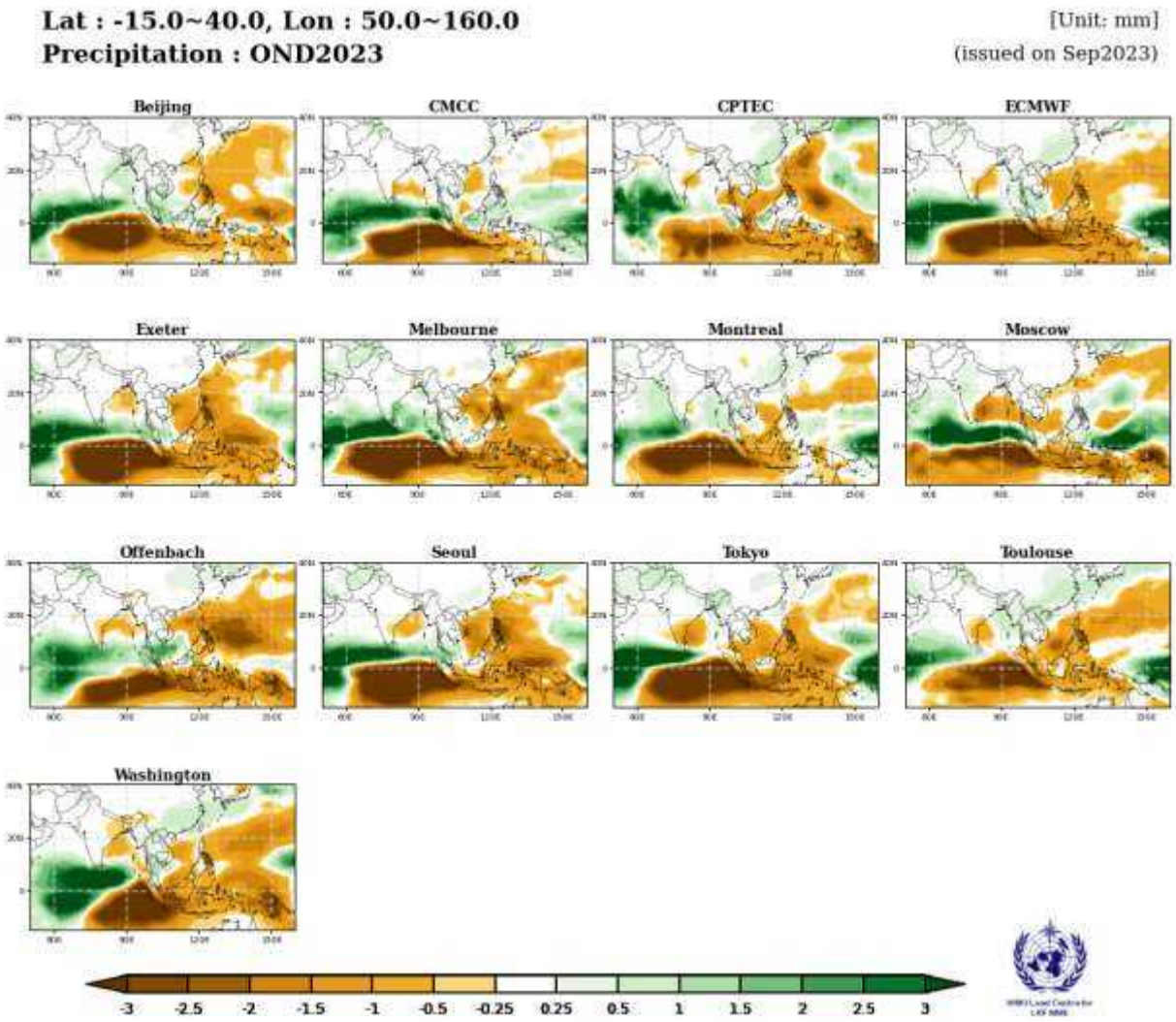


Fig 6: Individual forecasts for OND 2023 season by dynamical models from 13 WMO global producing centers (GPC).

2.2 Monthly Forecast for October, November and December 2023

Figure 7 shows the probabilistic multi model ensemble forecasts, which are prepared by using dynamical models from 13 global producing centers (GPC), for the months of October, November and December 2023. According to that during the month of October it can be expected above normal rainfall over the country except northern part where below normal rainfalls are likely. During the month of November it can be expected above normal rainfall over the country except northern and eastern part of the country, where is no clear signal indicated. During the month of December it can be expected above normal rainfall over southern coastal areas and there is no clear signal indicated over remaining areas of the country. Accordingly above, about or below normal rainfall can be expected over no signal area during the season.

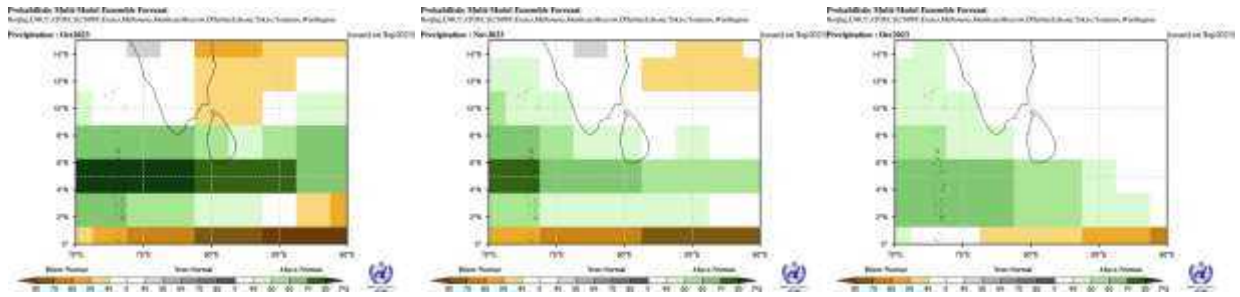


Fig 7: Probabilistic multi model ensemble forecast for October(left), November (middle) and December (right) 2023 using dynamical models from 13 WMO global producing centers (GPC).

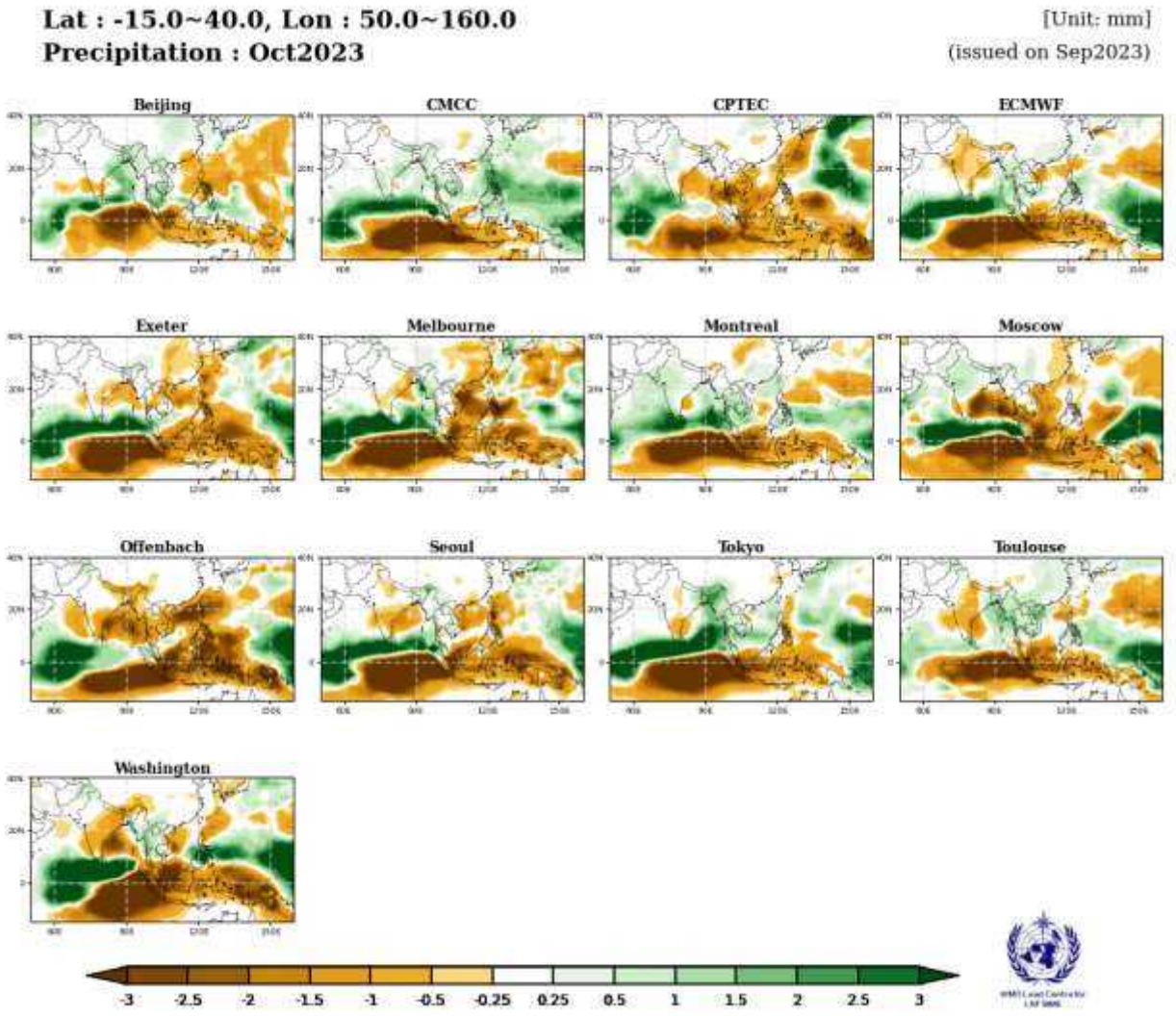


Fig 8: Individual forecast for October 2023 by dynamical models from 13 WMO global producing centers (GPC).

Figure 8 shows the 13 monthly forecasts from individual global producing centers (GPC) for October 2023. Out of 13 GPC forecasts, 10 GPC models predicted above normal rainfalls and one GPC model predicted below normal rainfall over the country. Accordingly above normal rainfalls are expected over the country during the month of October 2023.

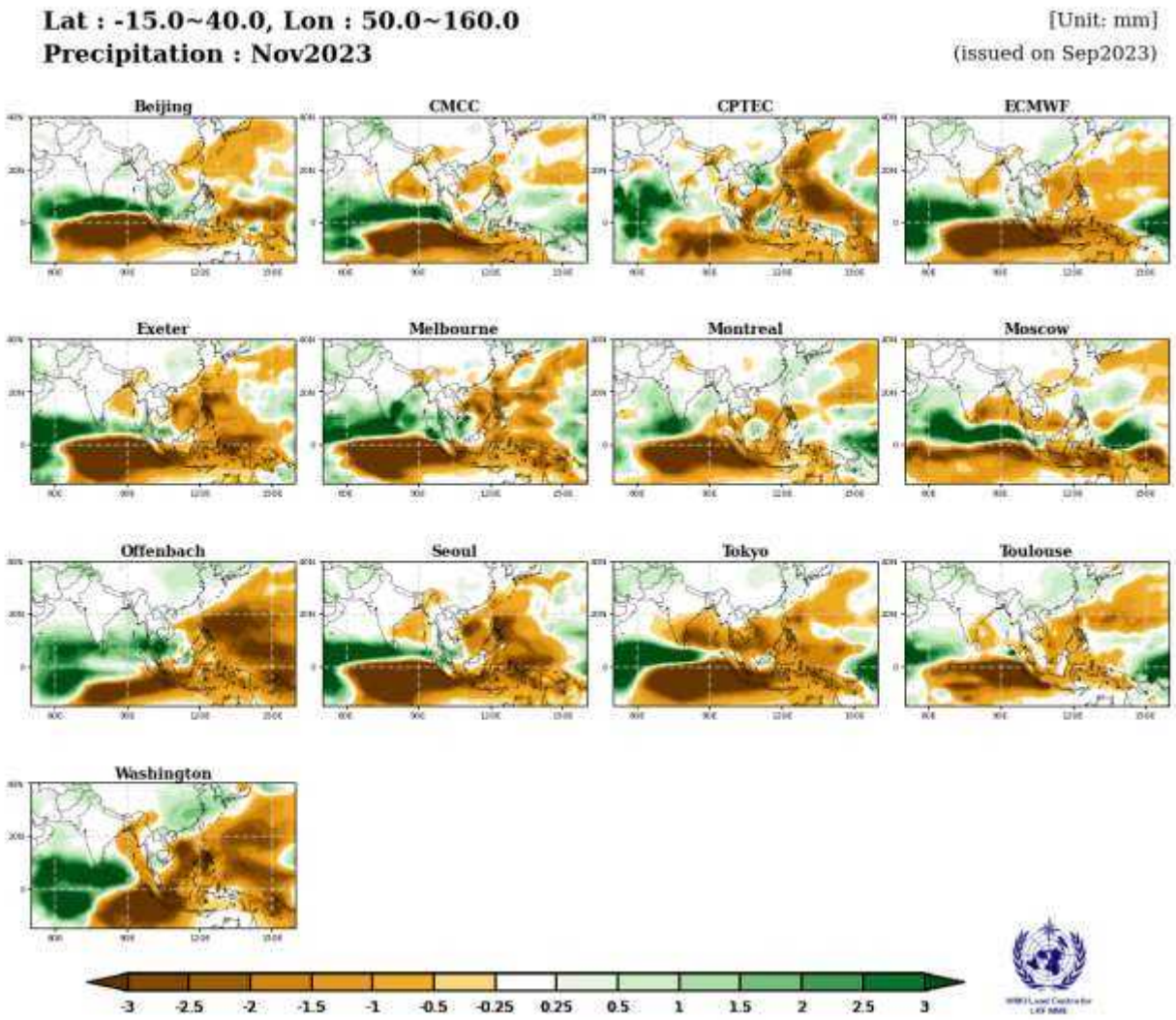


Fig 9: Individual forecast for November 2023 by dynamical models from 13 WMO global producing centers (GPC).

Figure 9 shows the monthly forecasts from individual global producing centers (GPC) for November 2023. Out of 13 GPC forecasts, 8 GPC models predicted above normal rainfalls over the country. There is no clear signal indicated in 5 GPC models. Accordingly above normal rainfalls can be expected over the country during the month of November 2023.

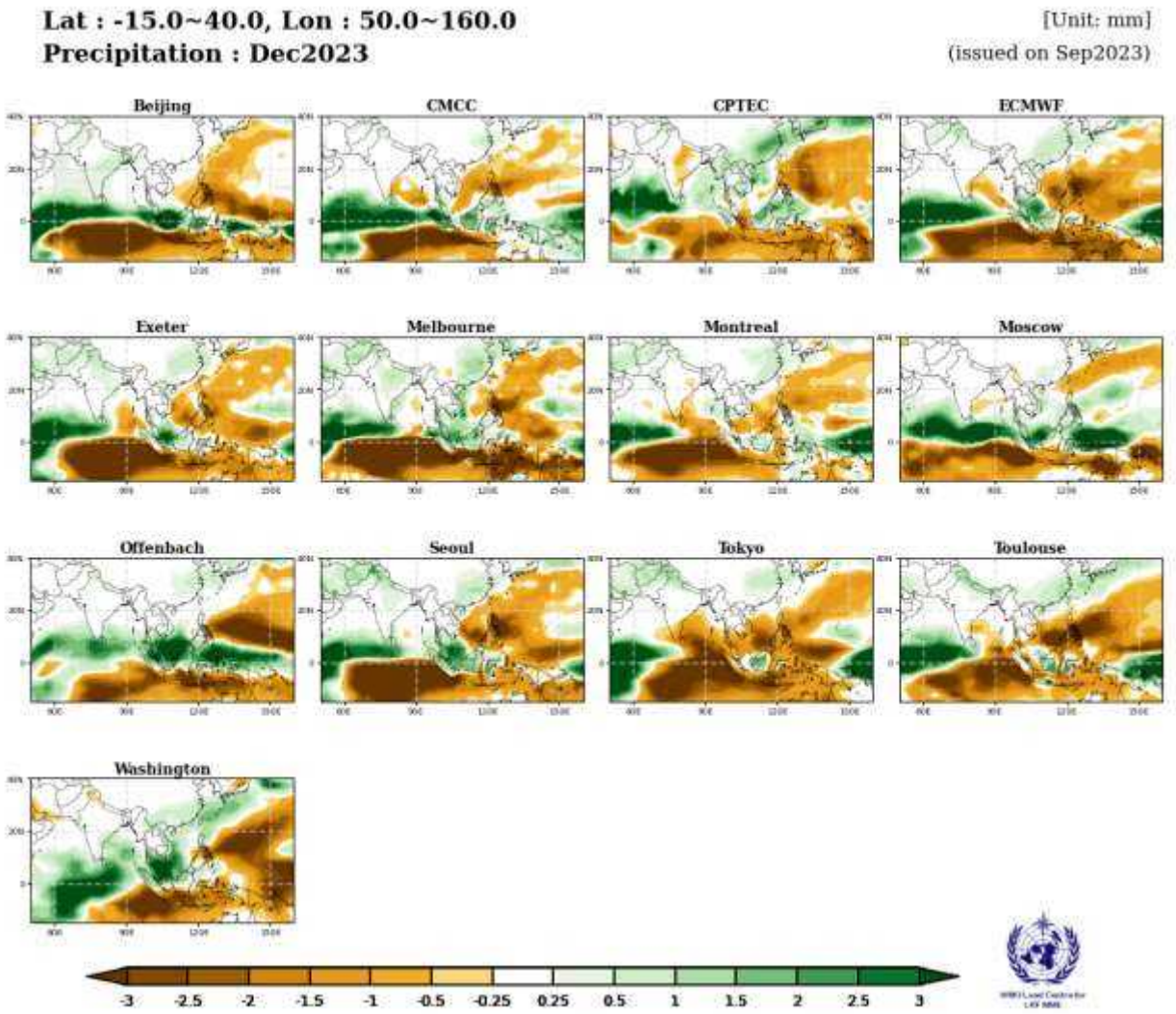


Fig 10: Individual forecast for December 2023 by dynamical models from 13 WMO global producing centers (GPC).

Figure 10 shows the monthly forecasts from 13 individual global producing centers (GPC) for December 2023. Out of 13 GPC forecasts, 9 GPC models indicate above normal rainfall and 2 GPC models indicate below normal rainfall over the country. There is no clear signal indicated in 2 GPC models. Accordingly it can be expected above normal rainfall over the country during the month of December 2023.

3. Statistical downscaling of CFSv2 global forecast output

3.1 Probabilistic rainfall forecast for OND season 2023 using Climate Predictability tool (CPT)

The following district wise probabilistic rainfall forecasts for the season of OND 2023 have been prepared with the multi model ensemble method to downscale, SST data of CFSv2, CCSM4, GFDL and ECMWF by using CPT.

The district wise 30 year average rainfalls during OND season are given in the column 2 of the table 1. Chance (probability) of receiving below/about/above average is given in the columns 3, 4, and 5 respectively in the table 1.

District	**Average rainfall (mm) –OND**	**Probability%**		
		Below	Normal	Above
Colombo	924.3	30	25	45
Kalutara	1124.8	40	30	30
Galle	1038.8	30	25	45
Matara	900.8	20	20	60
Hambantota	556.1	20	20	60
Ampara	794.8	20	25	55
Batticaloa	873.4	20	30	50
Trincomalee	846.8	20	30	50
Mullaithivu	804.2	20	30	50
Jaffna	809.5	30	25	45
Killinochchi	814.6	25	25	50
Mannar	634.5	25	25	50
Puttalam	590.6	20	20	60
Gampaha	816.7	25	30	45
Kegalle	1043.5	25	25	50
Ratnapura	973.2	20	20	60
Monaragala	780.5	20	20	60
Badulla	954.4	20	25	55
Pollonnaruwa	880.1	25	30	45
Vavuniya	757.2	25	30	45
Anuradapura	699.3	25	25	50
Kurunegala	708.8	30	25	45
Matale	927.2	30	30	40
Kandy	961.0	20	25	55
Nuwaraeliya	871.7	20	20	60

Table 1: Probabilistic Rainfall Forecast for OND season 2023 using CPT

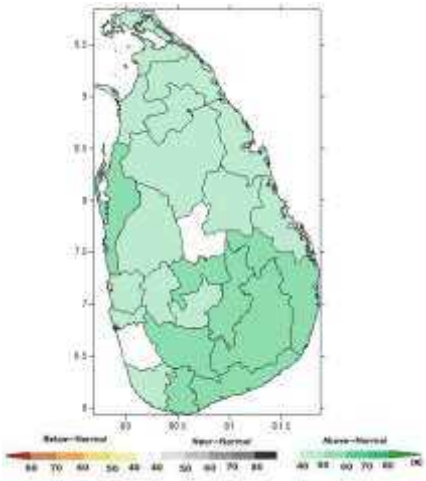


Fig 11: Probabilistic rainfall forecast for October –December 2023 using CPT

According to the CPT (Fig 11 and table 01), above normal rainfalls can be expected most parts of the country except Mathale and Kalutara Districts. There is no clear signal indicated for Kalutara and Mathale districts Accordingly equal chances exist of receiving below, about or above normal rainfall over no signal areas for OND Season 2023.

3.2 Multi-model ensemble mean forecast of NMME models

This probabilistic forecast is developed by combining direct Forecasts from 5 NMME models (CFS, CanSIPS, GFDL,COLA and NASA) with the forecasts obtained by statistically processing of each models.

According to the Figure 12 above normal rainfall can be expected over most parts of the country during the OND Season 2023

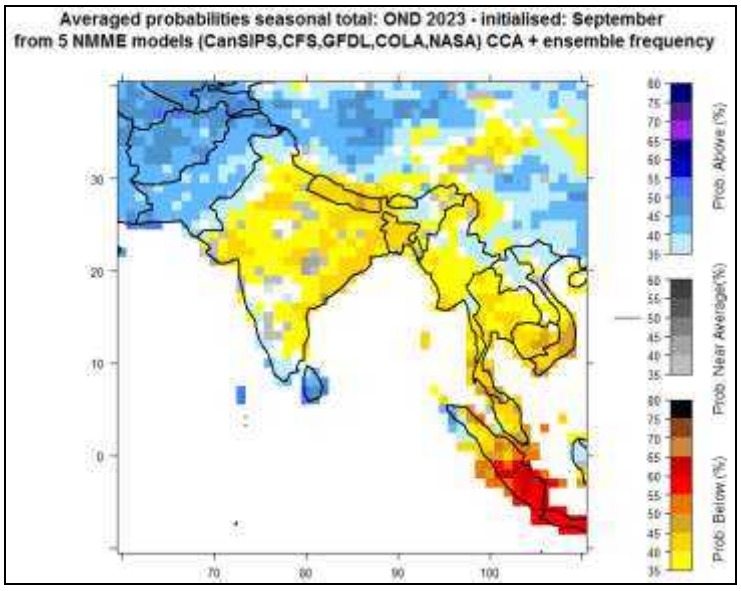


Fig 12. Average probability forecast of NMME models for OND 2023

3.3 Probabilistic rainfall forecast for OND 2023 season using RIMES FOCUS System

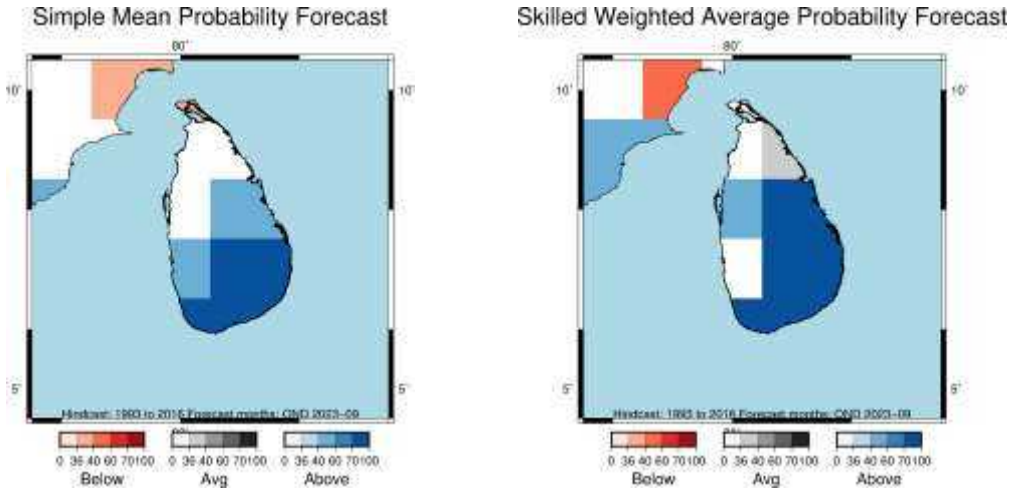


Fig 13. Probabilistic rainfall forecast for October-December 2023 using RIMES FOCUS System

Figure 13 depicts the Probabilistic rainfall forecast for OND 2023 season, which has been prepared by using RIMES FOCUS System.

According to the model outputs above normal rainfalls are likely over Southern, South eastern and Central parts of the country. Below normal rainfalls are likely over extream northern part of the country. There is no clear signal indicated over the remaining areas for OND season 2023.

4. SUMMARY :

SUMMARY of MODEL FORECAST for OND 2023 season for SRI LANKA						
Season	**WMO LC MME**	**WMO GPC**	**CPT**	**FOCUS**	**Impact of Global conditions**	**Final Rainfall Forecast**
OND season 2023	No Signal –Northern part AN- Elsewhere	**AN**	**No Signal**- Kalutara, Mathale **AN**- Elsewhere	**AN**- Southern, Southeastern and Cental part **BN**- Jaffna district	Above normal rainfall during OND under El Nino and positive IOD condition	Below normal rainfalls are likely over Northern province and possibility for above normal rainfall over remaining areas
October 2023	**BN**- Northern part **AN** - Elsewhere	**AN**			Above normal rainfall during OND under El Nino and positive IOD condition	Below normal rainfalls over Northern province , near normal over Northcentarl province and Trincomlaee distrcit with above normal possibility for elsewhere
November 2023	**No Signal**-Norhern, Eastern part **AN**- Elsewhere	**AN**			Above normal rainfall during OND under El Nino and positive IOD condition	Near or slightly above normal rainfalls over most parts except northern and Northwestern provinces where slightly below normal rainfalls
December 2023	**AN**- Southern part **No Signal**-Elsewhere	**AN**				Near normal rainfalls over most parts except western province and in Rathnapura and Matara districts where possibility for slightly below normal rainfalls.

BN: Below Normal **NN**: Near Normal **AN**: Above Normal **CP**: Climatological Probability

Table 2: Summery of Model Forecasts for OND season 2023

4.1 Summery of prevailing global climate conditions

The tropical Pacific atmospheric anomalies are consistent with El Niño. El Niño is anticipated to continue through the Northern Hemisphere winter (with greater than a 95% chance through January to March 2024).

A positive IOD event is underway. The Indian Ocean Dipole (IOD) index was +1.45 °C for week ending 24 September. This is its sixth week above the positive IOD threshold (+0.40 °C). (Source- Bureau of Meteorology, Australia).

5. Consensus Seasonal outlook for October, November and December 2023

Considering the prevailing global climate conditions, forecasts from different global climate models and statistical downscaling of GCM output using CPT, consensus forecasts for October to December 2023 season is concluded as follows.

5.1 Rainfall forecast for the three months period during October-November-December (OND) 2023

There is a possibility of having above normal rainfall over the country except Northern province where below normal rainfall can be expected during OND 2023 season as a whole. (Fig. 14).

5.2 Rainfall forecast for October 2023

There is a chance of having below normal rainfalls over Northern province, near normal over Northcentarl province and Trincomlaee distrcit with above normal possibility for elsewhere during the month of October 2023. However there is a possibility for developing low level atmospheric disturbances during the month of October, if so rainfalls can be enhanced over most parts of the country.

5.3 Rainfall forecasts for November 2023

Near or slightly above normal rainfalls over most parts except northern and Northwestern provinces where slightly below normal rainfalls during the month of November 2023. However there is a possibility for developing low level atmospheric disturbances during the month, if so rainfalls can be enhanced over most parts of the country.

5.4 Rainfall forecasts for December 2023

Near normal rainfalls over most parts except western province and in Rathnapura and Matara districts where possibility for slightly below normal rainfalls during the month of December 2023.

However there is a possibility for developing low level atmospheric disturbances and cyclones in the vicinity of Sri Lanka during the month of December, if so rainfalls forecast can be deviate with a chance of enhancing rainfall over most parts of the country.

**In addition, the predictability is also limited due to strong day-to-day atmospheric variability caused by the passage of the synoptic scale systems such as lows and depressions. Intraseasonal Oscillations such as Madden Julian Oscillations (MJO) is also another atmospheric phenomina which can't be underestimated.

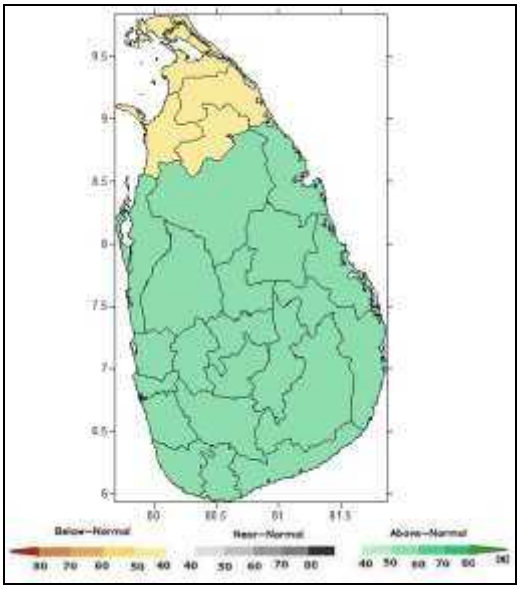


Fig 14. Consensus Probabilistic rainfall forecast for October–December2023

5.5 Probabilistic Temperature Forecast from October to December 2023 (OND)

The probabilistic Temperature forecast for October, November and December season (OND) 2023 for Sri Lanka as given below.

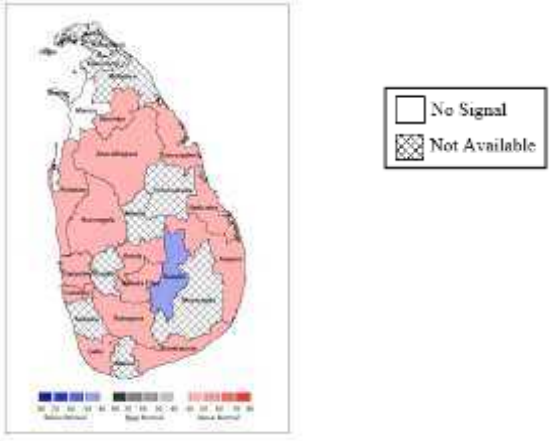


Fig 15: Probabilistic forecast for Maximum Temperatures for OND season 2023

Fig 15 and Table 3 show the probabilistic forecast for Maximum Temperatures during OND season 2023.

There is a higher chance of experiencing slightly above the normal Maximum Temperatures in Vavuniya, Anuradhapura, Puttlum, Kurunegala, Colombo, Gampaha, Kandy, Nuwara Eliya, Galle, Hambantota, Trincomalee, Batticaloa, Ampara and Rathnapura districts and slightly below the normal Maximum Temperatures in Badulla distrct (Fig 15) for the OND season 2023.

The district wise average Maximum Temperatures are given in the column 2 of the table 3 and the chance (probability) of receiving below/about/above averages are given in the columns 3, 4, and 5 respectively.

District	**Average Maximum Temperature (^{0}C) – (OND)**	**Probability %**		
		Below	Normal	Above
Anuradhapura	30.5	30	30	40
Badulla	27.1	45	30	25
Batticaloa	29.4	30	30	40
Colombo	30.1	30	30	40
Galle	28.9	25	30	45
Hambantota	29.8	30	30	40
Katugastota	28.3	30	25	45
Katunayake	30.9	30	25	45
Mannar	29.6	30	35	35
MahaIlluppallama	30.4	30	30	40
NuwaraEliya	19.6	30	30	40
Pottuvil	30.5	25	30	45
Puttalam	30.4	30	25	45
Ratnapura	31.6	35	20	45
Ratmalana	30.4	25	30	45
Trincomalee	29.7	25	30	45
Vavuniya	30.3	35	25	40
Kurunegala	30.7	20	35	45
Bandarawela	23.5	40	30	30

Table 3: probabilistic forecast for Maximum Temperature for OND season 2023

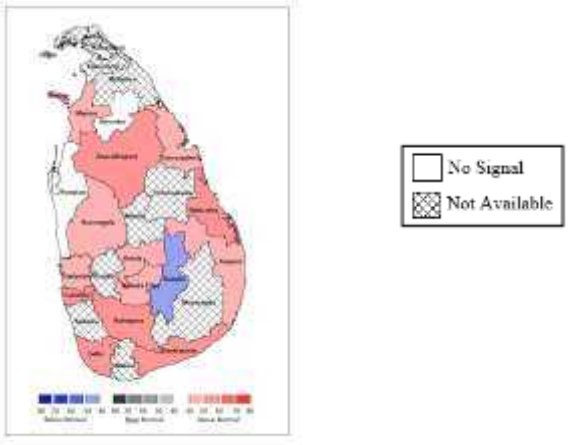


Fig 16: Probabilistic forecast for Minimum Temperatures for OND season 2023

District	Average Minimum Temperature (^{0}C) – (OND)	Probability %		
		Below	Normal	Above
Anuradhapura	22.6	25	25	50
Badulla	18.7	45	25	30
Batticaloa	23.9	20	30	50
Colombo	23.3	25	20	55
Galle	23.6	20	30	50
Hambantota	23.7	20	30	50
Katugastota	19.9	25	35	40
Katunayake	22.9	30	25	45
Mannar	24.6	20	35	45
MahaIlluppallama	22.2	30	30	40
NuwaraEliya	11.4	30	25	45
Pottuvil	23.2	30	30	40
Puttalam	23.0	30	35	35
Ratnapura	22.6	20	25	55
Ratmalana	23.0	25	25	50
Trincomalee	24.3	20	35	45
Vavuniya	22.2	35	35	30
Kurunegala	22.2	35	25	40
Bandarawela	15.6	45	25	30

Table 4: Probabilistic forecast for Minimum Temperatures for OND season 2023

Fig 16 and Table 4 provide the probabilistic forecast for Minimum Temperatures during OND season 2023.

Accordingly, there is a higher chance of experiencing slightly above the normal Minimum Temperatures in Mannar, Anuradhapura, Kurunegala, Colombo, Gampaha, Rathnapura, Hambantota, Galle, Kandy, Nuwara Eliya, Ampara, Trincomalee and Batticaloa districts and slightly below the normal Minimum Temperatures in Badulla district (Fig 16) during OND season 2023.

Note- Temperature forecasts are not available in **Matara, Kegalle, Kalutara, Monaragala, Polonnaruwa, Jaffna, Killinochchi, Mullativu and Mathale** districts due to unavailability of Climate data.

දුරකථන / தொலைபேசிகள் / Telephones:
අධ්‍යක්ෂ ජනරාල් பணிப்பாளர் நாயகம் Director General 2694104
ප්‍රධාන කාර්යාලය பொது அலுவலகம் General Office 2694846 2694847 2681647 2675945
ෆැක්ස් தொலைநகல் Fax 2698311 2691443

කාලගුණ විද්‍යා දෙපාර්තමේන්තුව
வளிமண்டலவியல் திணைக்களம்
DEPARTMENT OF METEOROLOGY

මගේ අංකය எமது இல. My No. DOM/Research/2023
ඔබේ අංකය உமது இல. Your No.
වෙබ් අඩවිය இணையதளம் Website www.meteo.gov.lk
විද්‍යුත් තැපෑල மின்னஞ்சல் E-mail meteo@slt.lk

බෞද්ධාලෝක මාවත, කොළඹ 07, ශ්‍රී ලංකාව/ பௌத்தாலோக மாவத்தை, கொழும்பு 07, இலங்கை. / Bauddhaloka Mawatha, Colombo 07, Sri Lanka.

2023-10-19

Director General
Public Utility Commission of Sri Lanka

Dear sir,

Rainfall Forecast in Hydro Power Catchment Areas

This has reference to your letter No PUC/LIC/MET/2030/02, dated 09th October 2023 regarding the above matter.

1. Department of meteorology is currently issuing monthly rainfall forecast only for next 3 months and it is updated monthly basis at the beginning of each month. Therefore rainfall forecast for January to April 2023 is not yet available.

District wise Rainfall forecasts from October to December 2023 are as follows.

District	October 2023	November 2023	December 2023
Nuwara-Eliya	Above normal	Above normal	Near normal
Kandy	Above normal	Above normal	Near normal
Rathnapura	Above normal	Above normal	Below normal

However, the predictability is also limited due to strong day-to-day atmospheric variability caused by the passage of the synoptic scale systems such as atmospheric low-pressure systems, depressions and cyclones as well as intraseasonal Oscillations such as Madden Julian Oscillations (MJO).

2. Climate outlook for October to December (OND) 2023 season over Sri Lanka has been developed through an expert assessment of the prevailing global climate conditions (El Nino and positive IOD conditions..etc) which are influencing Sri Lankan climate, and the seasonal forecasts from different global climate models around the world. Therefore, it is not possible to give most similar years (October to April) to the rainfall forecast for 2023/2024. However, research findings on observed rainfall during past El Nino and IOD years are attached herewith for your reference (annex 01).

3. Temperature forecast from January to April 2024 is not available yet. Long term average maximum and Minimum temperatures are attached herewith (annex 02).

4. Observed Maximum and Minimum temperatures recorded at regional meteorological offices during January to April 2023 are attached.(annex 03)

A.R.P.Warnasooriya
Director (Climate change and Research)
For Director General of Meteorology

Annex-01

Monthly Rainfall Forecasts for Upcoming season

1. Monthly Rainfall forecast for October to December 2023

This consensus climate outlook for October to December 2023 season over Sri Lanka has been developed through an expert assessment of the prevailing global climate conditions which are known to influence the South Asian climate and seasonal forecasts from different climate models around the world.

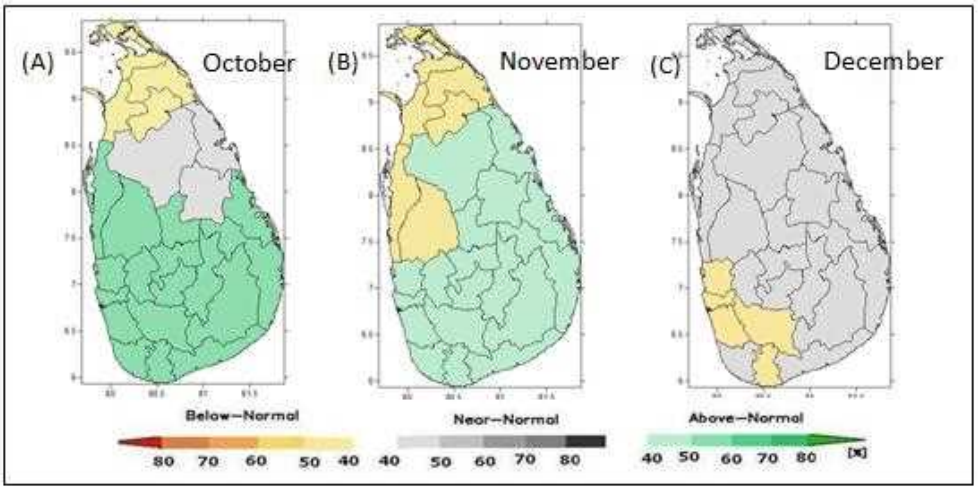
The **El Nino/La Nina** in the tropical Pacific Ocean and the **Indian Ocean Dipole(IOD)** that develops in the Indian Ocean are among the regional and seasonal factors that can affect Sri Lanka's climate, especially rainfall and temperature variations.

The tropical Pacific atmospheric anomalies are consistent with El Niño. El Niño is anticipated to continue through the Northern Hemisphere winter (with greater than a 95% chance through January to March 2024).

A positive IOD event is underway. All international climate models surveyed by the Bureau of Meteorology Australia suggest the positive IOD event is likely to continue for the remainder of the southern hemisphere spring.

Both El Nino and positive IOD typically leads to enhance rainfall over Sri Lanka during OND season.

Monthly probabilistic rainfall forecast for October-November-December 2023



(Yellow- Below normal, Ash –Near normal, Green-Above normal, White-No data)

2. Monthly Rainfall Forecasts for October to December 2023

2.1 El Nino forecast

According to global climate forecasts (Figure 1), the tropical Pacific atmospheric anomalies are consistent with El Niño. El Niño is anticipated to continue through the Northern Hemisphere winter (with greater than a 95% chance through January-March 2024).

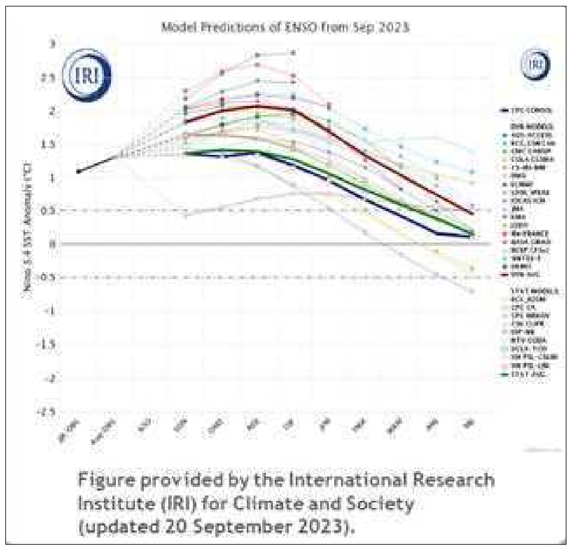


Figure 1. Global climate model forecasts for El Nino (IRI)

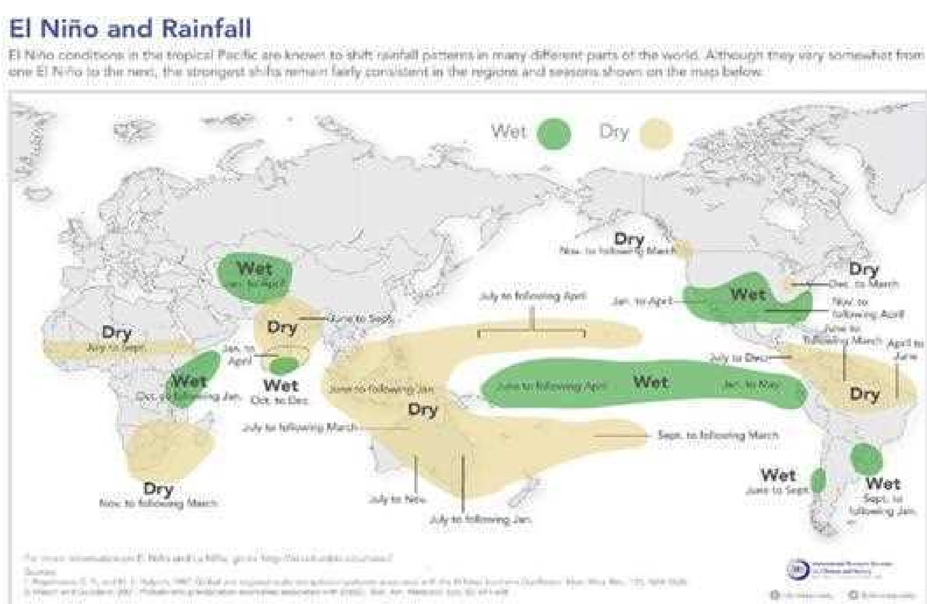


Figure 2. Typical rainfall pattern during El Nino events (IRI)

The research presented by the International Research Institute (IRI) revealed that Sri Lanka is likely to experience wet condition during El Nino years from October to December (Figure 2).

According to the research conducted by the Department of Meteorology regarding the rainfall pattern with previous El Nino years (Hapuarachchi et al 2015), most parts of Sri Lanka received more rainfall than the average in October, November and December and below normal rainfalls during February and March (Figure 3).

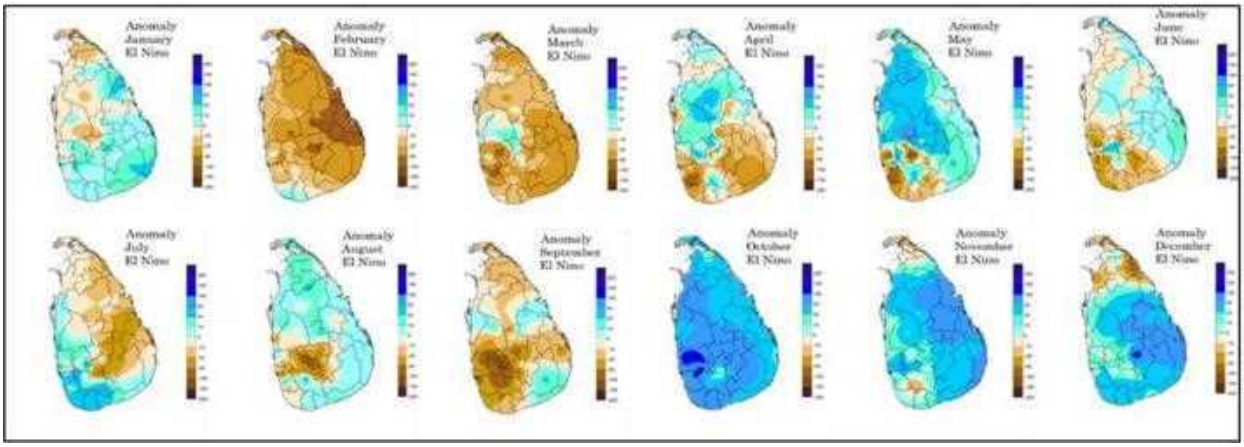


Figure 3. Average Monthly Rainfall anomaly during El Nino events (Hapuarachchi et al 2015),

2.2. Indian Ocean Dipole forecast

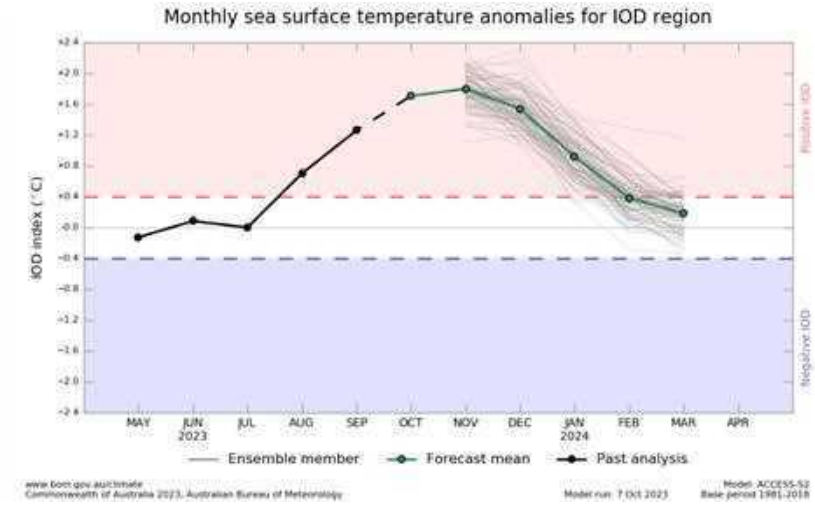


Figure 4. A positive IOD condition may develop in Indian ocean in the coming months.

A positive IOD event is underway. All international climate models surveyed by the Bureau of Meteorology Australia suggest the positive IOD event is likely to continue into at least December. (Figure 4). A robust statistical analysis revealed an apparent increase in cumulative seasonal rainfall, mean number of wet days and heavy rainfall events with the positive IOD events during second inter-monsoon season over wet zone (Abeyasekara et al. 2021). According to the research conducted by the department of Meteorology, rainfall during second inter-monsoon over the country was increased during positive IOD condition.

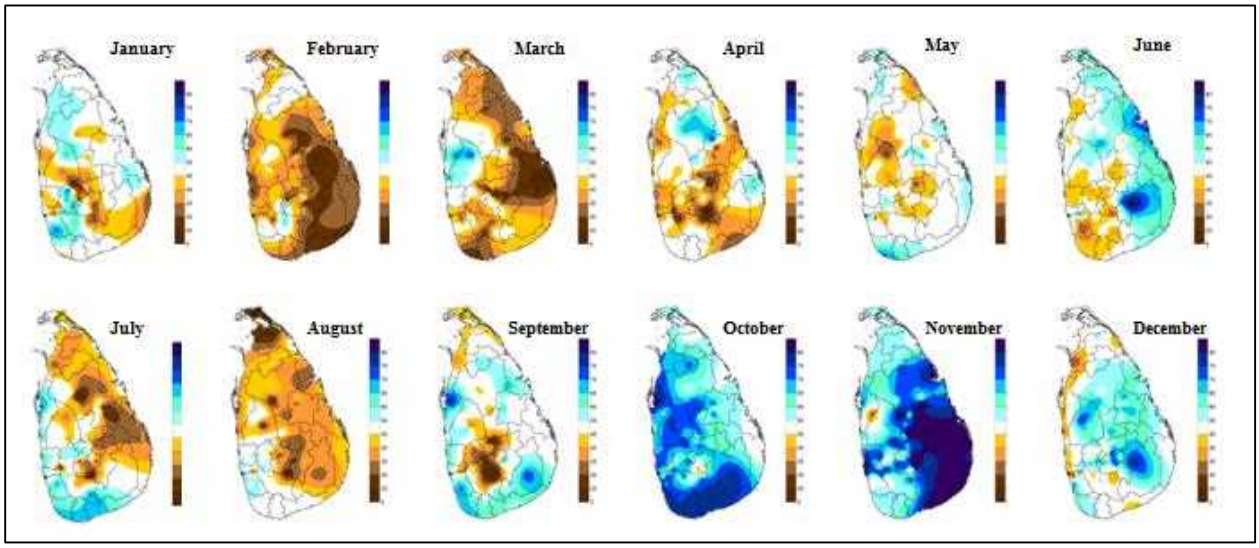


Figure 5. Average Monthly Rainfall anomaly during Positive IOD

According to the international and local research findings and the forecasts from global climate models, there is a possibility for above normal rainfalls over most parts of the country during October to December. However it is noted that below normal rainfall are likely over Northern part of the country during December and January and the possibility for below normal rainfalls is higher over most parts during February and March during El Nino and Positive IOD conditions.

In addition to that, there is higher possibility of developing low pressure systems, depressions and Cyclones over and vicinity of Sri Lanka during the October to December. Therefore, floods and landslides are likely during October to December.

Note: Seasonal forecast and monthly rainfall forecasts are updated each and every month and uploaded in www.meteo.gov.lk.

El Niño Years and Intensities

Based on Oceanic Niño Index (ONI)

Source-Jan Null, CCM

Updated thru July-August-September 2023

El Niño			
Weak	**Moderate**	**Strong**	**Very Strong**
1952-53	**1951-52**	**1957-58**	**1982-83**
1953-54	**1963-64**	**1965-66**	**1997-98**
1958-59	**1968-69**	**1972-73**	**2015-16**
1969-70	**1986-87**	**1987-88**	
1976-77	**1994-95**	**1991-92**	
1977-78	**2002-03**		
1979-80	**2009-10**		
2004-05			
2006-07			
2014-15			
2018-19			

ලංකා විදුලිබල මණ්ඩලය
இலங்கை மின்சார சபை
CEYLON ELECTRICITY BOARD

Your ref: My ref: DGM(CS&RA)/TRF/Trf. 2024 Date: January 12, 2024

Director General,
Public Utilities Commission of Sri Lanka,
6th Floor, BOC Merchant Tower,
No.28, St, Michael's Road,
Colombo 3.

Dear Sir,

Electricity Tariff Revision January – March 2024

This has reference to the government policy decision on the revision of Tariff Period from bi-annual to quarterly basis by the Ministry of the Power & Energy letter no. 23/2066/621/092 dated 2023-10-31.

Accordingly, the proposal for electricity tariff revision from February 2024 is submitted herewith as Annex I. Bulk Supply Tariff (BST) templates have been updated for the 1st half and 2nd half of the year 2024 and are forwarded herewith (Annex II & III). Kindly consider the BST submission for the 2nd half of 2024 as an assessment specifically conducted for annual expenditure calculation and the evaluation of the accompanying CEB tariff proposal. CEB will submit the same with revised input values in mid-2024. The salient points of the tariff revision proposal are explained below.

1. Background

The Government of Sri Lanka issued the General Policy Guidelines for the Power Sector through the Ministry of Power and Energy by letter No. MOPE/SEC/COM/2023 dated 2023-01-12 eliminating intentional power cuts and operating without Government subsidies.

Accordingly, the Ceylon Electricity Board has submitted three tariff revision proposals on 2023-01-05, 2023-05-15 and 2023-10-17 upon which the Commission has granted approval with effect from 2023-02-15, 2023-07-01 and 2023-10-20 respectively.

CEB has obtained a cost-reflective tariff, marking the first adjustment in a decade since the 2023 first-half tariff revision. This adjustment resulted in the reinstatement of uninterrupted power supply 24x7 across the country, providing substantial backing for the nation's economic recovery. This initiative has proven advantageous to various sectors, including industry, businesses, the general public, the investor community, prospective electricity consumers, and has also contributed significantly to the overall well-being of CEB.

2. Financial Situation of CEB

As per the CEB Statutory Accounts, the accumulated financial losses incurred between the period 2013 - 2023 is Rs. 388.3 billion as detailed below.

Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 (Provisional)	Total
Net Profit/ (Loss) after Tax BLKR	22.3	-17.3	20.3	-14.5	-47.6	-31.9	-97.3	-69.2	-34.6	-167.2	48.7	**-388.3**

Even though CEB made profits after lapse of 9 years, it is noteworthy to see that CEB is still in an extremely difficult position to serve the accumulated debt payments of IPP, NCRE, CPC, etc. despite recent tariff increases.

Anyhow, CEB managed to serve certain amounts of debt for Solar RT power producers, material suppliers etc. after tariff revisions, the accumulated total major payable balances still stand at an unprecedented level of LKR 443 billion as of December 31, 2023.

Major Creditors	**Amount in MLKR as at 31.12.2023**
CPC - Payables incl. Delay Int	312
IPP - Payables including Delay Int	52,848
NCRE	18,696
Total - Major Creditors	**71,856**
Short-term Payables	
Settlements to Coal Purchases	
VAT Deferred Amount (2022/23 and 2023/24 Shipments)	20,353
Payments to Lanka Coal	15,953
Other Coal Related Payables	289
LCs - LC & TT payments - Outstanding	9,309
Solar Rooftop Payables	446
Local Supplier Payables	4,521
Projects - Uma Oya and other	941
CMEC - LVPP - O&M expense	8,402
Loan Installments Due	1,266
Total - Short-term Payables	**61,480**
Term Loans to finance Working Capital	
Peoples Bank	55,777
NSB	5,000
NSB+Sampath+Seylan	403
BOC	15,485
Seylan Bank	3,260
NTB	4,673
Peoples Bank Overdraft	25,813
Total - Term Loans	**110,410**
Senior Unsecured Listed Redeemable Rated Debentures	**20,000**
Project Loans	
Treasury Sub Loans	62,910
Broadland Hydro Power Project (HNB, Peoples Bank, ICB)	15.029
Asian Development Bank	101,257
Total - Project Loans	**179,195**
Grand Total - Loans & Major Payables	**442,942**

3. Generation Forecast

The energy generation for the year 2024 has been estimated taking into consideration of the actual generation for the year 2023 and predictions of the Central Bank of Sri Lanka (CBSL) on the economic growth for the year 2024.

Accordingly, it is predicted that the electricity demand growth for 2024 would be approximately 4% from the year 2023. Hence, the total net generation for the year 2024 has been estimated as 16,033 GWh and the 2024 generation dispatch forecast has been prepared for the same. The monthly net generation forecast for the year 2024 is as follows.

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total Net Gen. (GWh)	1,293	1,204	1,385	1,276	1,378	1,349	1,402	1,405	1,337	1,366	1,302	1,337	**16,033**

4. Dispatch

The annual maintenance outage schedule prepared with the coordination of the respective power plants has been reviewed and used to determine the dispatch forecast preparation. The annual plant outage factor of the Lakvijaya Power Station (LVPS) of 15% is considered in addition to the scheduled coal outages. Level A overhaul has been scheduled for LVPS Unit 1 for 14 weeks commencing from mid-September 2024. Further, it is planned to procure 36 shipments of coal for the total year 2024.

The 120 MW Uma Oya hydropower plant addition is considered from January 2024 onwards. The Sobadanavi Thermal Plant is expected to be available in open cycle mode from March 2024 onwards. The VAT revision has been considered for fuel prices as applicable.

In determining the dispatch forecast, an average hydrology condition of 4513.5 GWh of power generation from major hydropower plants was considered. The expected generation from NCRE has been estimated as 3,219 GWh.

The dispatch forecast includes the generation from 100 MW supplementary HFO-fired power plant from March 2024 onwards as the power purchase agreements of the existing supplementary power plants (ACE Matara and ACE Ambilipitiya) will expire in February 2024.

5. Sales Forecast

The sales forecast was prepared based on the net generation and considering the transmission and distribution losses. The sales data from 2010 has been used for the sales forecast of Distribution Divisions. Time trend analysis is used to forecast sales demand for 2024. Appropriate point loads expected to be connected to the distribution network during 2024 were reviewed. Linear/logarithmic/polynomial and exponential forecasts were done for different categories depending on the best fit of curves considering the coefficient of determination (r^2) which close to be 1. From the analysis of past sales in CEB, it is evident that the economic crisis has negatively impacted the consumption of electricity in the country compared with the previous year.

Accordingly, the total estimated sales for the year 2024 is 14,608 GWh. The share of LECO demand is taken as 11.1% from the 33 kV boundary.

2024	CEB No. of Consumers	CEB End User Sales	33kV Sales to LECO	Total Sales
	(Nos.)	(GWh)	(GWh)	(GWh)
January	7,036,546	1,039	139	1,178
February	7,044,377	968	129	1,097
March	7,052,218	1,113	148	1,262
April	7,060,067	1,026	137	1,163
May	7,067,925	1,108	148	1,256
June	7,075,791	1,084	145	1,229
July	7,083,667	1,127	150	1,277
August	7,091,551	1,130	151	1,280
September	7,099,444	1,075	143	1,218
October	7,107,345	1,098	146	1,244
November	7,115,256	1,047	140	1,187
December	7,123,175	1,075	143	1,218
Total		**12,889**	**1,719**	**14,608**

6. Revenue

Forecasted revenue from both CEB and LECO is calculated giving due concern to the transfer prices for bulk sales to LECO from CEB which was taken as Rs. 42.67 /kWh for the 1st half of the year 2024 and Rs. 42.57 /kWh for the 2nd half of the year 2024 as provided by the LECO. The total estimated revenue for 2024 from the existing tariff is Rs. 710.2 billion.

7. Expenditure

The composite Power Purchase Agreement namely "Terms and Conditions for Delivery and Acceptance of Electricity between Generation Division and Transmission Division of Ceylon Electricity Board" defines the prices for capacity and energy sold by the Generation Division and purchased by the Transmission Division of CEB, and the power purchase agreements define the prices for capacity and energy sold by Independent Power Producers (IPPs) and Small Power Producers (SPPs).

In CEB Thermal Power Plants, Energy Price covers startup expenses, variable O&M costs, and fuel costs (at the agreed specific fuel consumption rate). IPP and SPP energy costs are recouped through corresponding PPAs. The energy cost of CEB's Hydroelectric and Wind Power Generation is considered to be zero. Expenditure estimation was done considering all fuel prices applicable at the boundary of CEB based on actual invoices or tender prices received from fuel suppliers. Pricing of liquid fuel is beyond the control of CEB since CEB is not importing any fuel. Pricing of coal has been done based on actual values and indexes. Fuel prices and exchange rates have been updated as of December 2023 and revision of VAT has been included as applicable.

The capacity cost of all CEB plants recovers fixed operation and maintenance costs associated with Power Plants and costs of services provided by CEB and Generation Headquarters which are proportionately allocated with the installed capacity. IPPs and SPPs capacity costs are recouped through their corresponding PPAs. The capacity and energy costs of generation are calculated accordingly.

Total Transmission costs including operational and capital expenditures excluding the finance cost component are calculated based on tariff filing submission to the PUCSL. Similarly, the Distribution costs of each CEB Distribution Licensee are calculated based on the tariff filing submission made to the PUCSL.

CEB has completed all the tariff filing submissions (for TL and CEB DLs) in December, 2023. They were prepared by using the revenue requirement filing model templates provided the PUCSL and according to the Tariff Methodology.

The finance cost for the year 2024 has been estimated in order to accommodate conditions given by the PUCSL via letter no. PUC/E/Tariff/01 dated 2023-10-19 regarding Electricity Tariff Revision October 2023. Accordingly, arrangements have been made to settle the outstanding dues of Renewable Energy Generation Licensees by 31st March 2024 and interest rates of the short-term loans were negotiated and restructured in favorable to CEB.

Cost Components	**Units**	**Total 2024**
Generation - Energy Cost	MLKR	351,780.5
Generation - Capacity Cost	MLKR	135,183.0
Transmission Allowed Revenue	MLKR	12,320.8
Finance Cost	MLKR	53,910.9
Distribution Allowed Revenue	MLKR	133,235.2
Total Cost	**MLKR**	**686,430.4**
Estimated Revenue	**MLKR**	**710,161.3**
Surplus/(Deficit)	**MLKR**	**23,730.9**

8. Conclusion

As per Clause 5.2 of the Tariff Methodology published by PUCSL, end user customer tariff is to be filed considering CEB revenue requirements. CEB has analyzed all possible scenarios to approach the best estimate of expenditure and revenue based on many factors such as existing tariffs, availability of coal/oil fuel stocks, future fuel prices, hydro inflow variations, scheduled plant outages, envisioned economic crisis resulting in the reduction of energy demand and sales, adjusted expenses of transmission and distribution, various policy instructions of Government, etc. to derive the BST and the end-user tariff proposal.

Based on the above analysis a surplus of Rs. 23,730.9 million is estimated and the surplus can be used for the reduction of average tariff by 3.34%. The new tariff proposal has been prepared considering a relief to low-income vulnerable groups and the entities of economically important businesses based on policy instructions of MOPE. Accordingly, a surplus has been allocated to all the consumer categories as per Annex -I including few suggestions for restructuring of existing tariff categories are submitted herewith.

Accordingly, the tariff proposal for 2024 which is to be implemented with effect from 1st February 2024 and approved by the Board is submitted herewith for consideration of the Commission, please.

Yours faithfully
CEYLON ELECTRICITY BOARD

Eng. (Dr.) Narendra De Silva
Actg. General Manager
Ceylon Electricity Board

Eng. (Dr.) Narendra De Silva
Actg. General Manager
Ceylon Electricity Board

Copy to:

1. *Secretary to the Treasury* - *fi & na pl.*
2. *Chairman, PUCSL* - *fi & na pl.*
3. *Ms. Chathurika Wijesinghe, member PUCSL* - *fi & na pl.*
4. *Mr. Douglas N. Nanayakkara, member PUCSL* - *fi & na pl.*
5. *Mr. SG Senaratne, member PUCSL* - *fi & na pl.*
6. *Chairman, CEB* - *fi pl.*
7. *Addl. GM (CS)* - *fi pl.*
8. *FM, CEB* - *fi pl.*

Annex I

			EXISTING TARIFF						PROPOSED TARIFF					
EFFECTIVE FROM (for each 30 - day billing period)			2023-10-20						2024-02-01					
DOMESTIC														
			Energy Charge (Rs./kWh)		Fixed Charge (Rs./mth)				Energy Charge (Rs./kWh)		Fixed Charge (Rs./mth)			
Consumption 0 - 60 kWh per month														
Block 1 : 0 - 30 kWh			12.00		180.00				11.00		165.00			
Block 2 : 31 - 60 kWh			30.00		360.00				27.50		330.00			
Consumption above 60 kWh per month														
Block 1 : 0 – 60 kWh			38.00		N/A				37.00		N/A			
Block 2 : 61 – 90 kWh			41.00		480.00				39.00		455.00			
Block 3 : 91 – 120 kWh			59.00		1,180.00				56.00		1,120.00			
Block 4 : 121 – 180 kWh			59.00		1,770.00				57.00		1,700.00			
Block 5 : 181 kWh and above			89.00		2,360.00				85.50		2,270.00			
Optional Time of Use (ToU) Electricity Tariff for Dom. Consumers														
Day (05:30 – 18:30 hrs)			83.00		2,360.00				79.75		2,270.00			
Peak (18:30 – 22:30 hrs)			105.00						102.00					
Off Peak (22:30 – 05:30 hrs)			35.00						33.75					
RELIGIOUS & CHARITABLE INSTITUTIONS														
Consumption 0 - 180 kWh per month														
Block 1 : 0 – 30 kWh			12.00		180.00				11.00		165.00			
Block 2 : 31 – 90 kWh			24.00		300.00				22.00		275.00			
Block 3 : 91 – 120 kWh			41.00		710.00				39.00		670.00			
Block 4 : 121 – 180 kWh			53.00		1,770.00				51.00		1,700.00			
Block 5 : 181 kWh and above			59.00		2,360.00				56.75		2,270.00			
OTHER CONSUMER CATEGORIES			Industrial		Hotel		General Purpose / Government		Industrial		Hotel		General Purpose / Government	
Volume differentiated monthly consumption			IP 1-1 (≤ 300 kWh/mth)	IP 1-2 (> 300 kWh/mth)	H 1-1 (≤ 180 kWh/mth)	H 1-2 (> 180 kWh/mth)	GP/GV 1-1 (≤ 180 kWh/mth)	GP/GV 1-2 (> 180 kWh/mth)	IP 1-1 (≤ 300 kWh/mth)	IP 1-2 (> 300 kWh/mth)	H 1-1 (≤ 180 kWh/mth)	H 1-2 (> 180 kWh/mth)	GP/GV 1-1 (≤ 180 kWh/mth)	GP/GV 1-2 (> 180 kWh/mth)
Rate 1 Supply at 400/230 V Contract demand <= 42 kVA	Energy Charge (Rs. /kWh)		20.00	28.00	20.00	28.00	43.00	56.00	19.25	26.75	19.25	26.75	39.75	54.50
	Fixed Charge (Rs./mth)		340.00	1,120.00	340.00	1,120.00	750.00	1,860.00	325.00	1,070.00	325.00	1,070.00	690.00	1,800.00
Rate 2 Supply at 400/230 V Contract demand > 42 kVA	Energy Charge (Rs./kW)	Day (05:30 – 18:30 hrs)	38.00		38.00		58.00		36.40		36.40		56.90	
		Peak (18:30 – 22:30 hrs)	41.00		41.00		68.00		39.40		39.40		66.70	
		Off Peak (22:30 – 05:30 hrs)	32.00		32.00		48.00		30.80		30.80		47.10	
	Demand Charge (Rs./kVA)		1,800.00				2,000.00		1,720.00				1,960.00	
	Fixed Charge (Rs./mth)		6,200.00				6,200.00		5,360.00				6,080.00	
Rate 3 Supply at [illegible] kV & above	Energy Charge (Rs./kW)	Day (05:30 – 18:30 hrs)	37.00		37.00		57.00		35.40		35.40		55.90	
		Peak (18:30 – 22:30 hrs)	40.00		40.00		67.00		38.40		38.40		65.70	
		Off Peak (22:30 – 05:30 hrs)	31.00		31.00		47.00		29.80		29.80		46.10	
	Demand Charge (Rs./kVA)		1,680.00				1,860.00		1,600.00				1,825.00	
	Fixed Charge (Rs./mth)		5,600.00				6,200.00		5,360.00				6,080.00	
STREET LIGHTING														
Street Lighting (Rs./kWh)			56.00						55.00					
EV CHARGING OF CEB CHARGING STATIONS			DC Fast Charging (Rs./kWh)		Level 2 AC Ch. (Rs./kWh)				DC Fast Charging (Rs./kWh)		Level 2 AC Ch. (Rs./kWh)			
Day (05:30 – 18:30 hrs)			109.00		87.00				107.00		85.00			
Peak (18:30 – 22:30 hrs)			139.00		112.00				136.00		110.00			
Off Peak (22:30 – 05:30 hrs)			66.00		50.00				65.00		49.00			
AGRICULTURE - Optional Time of Use (ToU) Electricity Tariff			Energy Charge (Rs./kWh)		Fixed Charge (Rs./mth)				Energy Charge (Rs./kWh)		Fixed Charge (Rs./mth)			
Rate 1 Supply at 400/230V Contract demand <= 42 kVA		Day (05:30 – 18:30 hrs)	38.00		1,120.00				36.40		1,070.00			
		Peak (18:30 – 22:30 hrs)	41.00						39.40					
		Off Peak (22:30 – 05:30 hrs)	32.00						30.80					

Other Proposals

1. Special GP Tariff for,
   - Financial, Leasing institutions including banks
   - Betting & Gaming, Casino, Night Clubs etc.
   - Insurance Companies
   - Apartments who are having HT Bulk supply
   - Shopping Malls (HT Bulk Supply)

2. EV charging
   - To be extended to other EV charging stations too

3. Day time special tariff to consumer rooftop solar energy
   - 10.00 a.m. to 2.00 p.m. special tariff for domestic customers in selected areas

4. Three Industrial Tariff Categories for,
   a. Cigarettes, Liquor, Processed meats like sausages, Soft Drinks etc.
   b. Products manufactured to the local market - 40% reduction
   c. Products manufactured to foreign market (Min 50%) – 100% reduction

Annex II

Bulk Supply Tariff Jan June 2024

Index

Capacity Charge

Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Capacity Charge							
Generation capacity	SLR/MW	4,747,887.18	4,726,405.57	4,531,690.11	4,671,545.89	4,691,385.92	5,082,484.10
Transmission	SLR/MW	384,765.82	385,541.02	367,512.75	380,633.02	382,941.59	399,620.87
Bulk Supply Service	SLR/MW	2,122,975.63	2,096,684.27	1,971,026.19	2,775,289.67	1,996,019.31	2,265,148.44
BST (C)	**SLR/MW**	**7,255,628.64**	**7,208,630.86**	**6,870,229.06**	**7,827,468.59**	**7,070,346.82**	**7,747,253.41**

BST (C) 6-Month Weighed average	**SLR/MW**	**7,324,499.96**

Energy Charge

Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Block1							
Transmission Loss Factor B1	%	3.51%	3.51%	3.51%	3.51%	3.51%	3.51%
Generation energy Cost B1	SLR/kWh	18.73	21.96	23.65	23.31	18.07	23.31
BST (E1)	**SLR/kWh**	**19.38**	**22.73**	**24.48**	**24.13**	**18.70**	**24.13**
Block 2							
Transmission Loss Factor B2	%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%
Generation energy Cost B2	SLR/kWh	24.34	28.54	30.74	30.30	23.49	30.30
BST (E2)	**SLR/kWh**	**25.43**	**29.82**	**32.12**	**31.66**	**24.54**	**31.66**
Block 3							
Transmission Loss Factor B3	%	2.49%	2.49%	2.49%	2.49%	2.49%	2.49%
Generation energy Cost B3	SLR/kWh	11.24	13.17	14.19	13.99	10.84	13.98
BST (E3)	**SLR/kWh**	**11.51**	**13.50**	**14.54**	**14.33**	**11.11**	**14.33**

BST (E1) 6-Month Weighed average	**SLR/kWh**	**22.25**
BST (E2) 6-Month Weighed average	**SLR/kWh**	**29.20**
BST (E3) 6-Month Weighed average	**SLR/kWh**	**13.22**

E1 - Day
E2 -peak
E3 -off peak

Generation Capacity Cost

Index

Remarks :Added Sobadhanavi

Item\Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
System Coincidental Peak demand	MW	2426	2421	2540	2452	2437	2336

Capacity Payment

Plant\Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Mahaweli	Mn. SLR	1,191.6	1,191.6	1,191.6	1,191.6	1,191.6	1,191.6
Laxapana	Mn. SLR	1,103.2	1,103.2	1,103.2	1,103.2	1,103.2	1,103.2
Samanala	Mn. SLR	788.5	788.5	788.5	788.5	788.5	788.5
Mannar Wind	Mn. SLR	544.6	544.6	544.6	544.6	544.6	544.6
DSP1	Mn. SLR	330.4	330.4	330.4	330.4	330.4	330.4
DSP2	Mn. SLR	339.8	339.8	339.8	339.8	339.8	339.8
GT16	Mn. SLR	263.3	263.3	263.3	263.3	263.3	263.3
GT07	Mn. SLR	442.0	442.0	442.0	442.0	442.0	442.0
CCKP	Mn. SLR	366.5	366.5	366.5	366.5	366.5	366.5
CCKP 02	Mn. SLR	183.1	183.1	183.1	183.1	142.5	142.5
CPUT	Mn. SLR	4,171.9	4,171.9	4,171.9	4,171.9	4,171.9	4,171.9
DNCHU	Mn. SLR	139.0	139.0	139.0	139.0	139.0	139.0
Island Gen	Mn. SLR	11.6	11.6	11.6	11.6	11.6	11.6
BARGE	Mn. SLR	200.9	200.9	200.9	200.9	200.9	200.9
30MW Hambantota	Mn. SLR	54.8	54.8	54.8	54.8	51.6	54.8
20MW Mathugama	Mn. SLR	36.5	36.5	36.5	36.5	34.4	36.5
CCKW	Mn. SLR	1,204.8	1,127.1	1,204.8	1,166.0	1,171.4	1,133.6
SGPS (100MW)	Mn. SLR	0.0	0.0	136.6	121.7	141.3	162.0
DEMB	Mn. SLR	111.2	113.1	0.0	0.0	0.0	0.0
DMAT	Mn. SLR	33.7	34.4	0.0	0.0	0.0	0.0
Sobadhanavi	Mn. SLR	0.0	0.0	0.0	0.0	0.0	448.1
RENW	Mn. SLR	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	Mn. SLR	11,517.4	11,442.2	11,509.0	11,455.3	11,434.6	11,870.8
Depreciation	Mn. SLR						
ROE	Mn. SLR						
Generation Capacity cost	Mn. SLR	11,517.4	11,442.2	11,509.0	11,455.3	11,434.6	11,870.8

Generation Capacity cost

	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Generation Capacity cost	SLR/MW	4,747,887.18	4,726,405.57	4,531,690.11	4,671,545.89	4,691,385.92	5,082,484.10

Energy price and Energy generated in each plant

Plant\Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Mahaweli	GWh	478.272	351.267	359.451	343.843	473.720	365.107
	SLR/kWh						
Laxapana	GWh						
	SLR/kWh						
Samanala	GWh						
	SLR/kWh						
Mananr wind	GWh	17.691	18.260	10.594	4.998	37.370	51.197
	SLR/kWh						
DSP1	GWh	2.762	20.798	28.480	27.041	16.442	22.578
	SLR/kWh	111.87	57.75	55.52	55.84	59.95	57.10
DSP2	GWh	38.167	34.474	38.167	36.936	27.852	36.936
	SLR/kWh	49.49	49.93	49.49	49.63	51.02	49.63
GT16	GWh	0.000	0.000	0.000	0.000	0.000	0.000
	SLR/kWh	0.00	0.00	0.00	0.00	0.00	0.00
GT07	GWh	0.0	0.0	0.0	0.0	0.0	0.0
	SLR/kWh	0.00	0.00	0.00	0.00	0.00	0.00
CCKP	GWh	67.5	67.5	67.5	67.5	52.7	67.5
	SLR/kWh	45.94	46.46	45.94	46.14	46.66	46.14
CCKP 02	GWh	0.0	0.0	0.0	0.0	3.1	2.7
	SLR/kWh	0.00	0.00	0.00	0.00	119.90	133.70
CPUT	GWh	466.6	473.6	524.3	507.4	493.5	338.3
	SLR/kWh	23.79	23.85	23.59	23.73	23.69	24.48
DNCHU	GWh	11.1	10.7	11.8	9.7	5.6	9.0
	SLR/kWh	50.20	50.32	50.02	50.65	53.17	50.91
Island Gen	GWh	0.20	0.20	0.2	0.2	0.2	0.2
	SLR/kWh	115.87	115.87	115.87	115.87	115.87	115.87
BARGE	GWh	36.2	32.7	36.2	34.7	21.5	33.0
	SLR/kWh	50.3	50.7	50.3	50.5	53.0	50.7
30MW Hambantota	GWh	0.000	0.000	0.000	0.000	0.164	0.000
	SLR/kWh	0.00	0.00	0.00	0.00	118.90	0.00
20MW Mathugama	GWh	0.000	0.000	0.000	0.000	0.065	0.000
	SLR/kWh	0.00	0.00	0.00	0.00	134.26	0.00
CCKW	GWh	11.7	39.7	96.8	73.9	0.0	113.2
	SLR/kWh	69.24	57.79	54.96	55.57	0.00	55.07
SGPS (100MW)	GWh	0.00	0.00	7.26	1.30	9.17	17.43
	SLR/kWh	0.00	0.00	57.44	71.70	56.79	55.62
DEMB	GWh	0.4	1.2	0.0	0.0	0.0	0.0
	SLR/kWh	141.9	86.36	0.00	0.00	0.00	0.00
DMAT	GWh	0.3	0.605	0.000	0.000	0.000	0.000
	SLR/kWh	80.92	68.893	0.000	0.000	0.000	0.000
Sobadhanavi	GWh	0.00	0.00	0.00	0.00	0.00	0.00
	SLR/kWh	0.00	0.00	0.00	0.00	0.00	0.00
RENW	GWh	88.310	79.491	124.134	98.296	168.030	226.881
	SLR/kWh	22.01	22.55	21.43	21.73	20.83	20.43
Solar Rooftop Generation	GWh	73.448	73.519	80.238	70.715	68.757	65.047
	SLR/kWh	24.92	24.92	24.92	24.92	24.92	24.92
TOTAL generated energy	**GWh**	**1,292.771**	**1,203.980**	**1,385.140**	**1,276.560**	**1,378.230**	**1,349.160**
Energy Cost	SLR	23,478,900,764	25,638,596,930	31,771,337,054	28,862,827,449	24,152,416,112	30,497,692,527
Energy Cost	SLR Million	23,479	25,639	31,771	28,863	24,152	30,498
		23,479	25,639	31,771	28,863	24,152	30,498

Total Energy cost for six-months	LKR Million	164,401.771
Total energy dispatch for six months	GWh	7,885.841
Six-month average energy cost	LKR/kWh	20.85
loss adjusted six-month average energy cost	LKR/kWh	21.59

80.889

83.513

Loss factor %		3.42	Loss Calculation Prepared by CS as at May 03, 2023
		96.58	
		97.18	

Notes
TOU enregy ratio is chaged as follows. These ratios were calculated using actual sales to DLs from May 2018 to April 2019 considering a consistent period of 12 months.

TOU Factors	Day	Peak	Offpeak
	58.0%	19.7%	22.3%

Capacity Transmission tariff (TR) & Bulk Supply and Operations Business Tariff (BSS)

Index

Item	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Transmission system allowed revenue *	Mn. SLR	933	933	933	933	933	933
BSOB allowed revenue *	Mn. SLR	119	119	119	119	119	119
BSOBWK allowance (additional finance cost required to cover the potential gap as per clause 2.4.3 in Tariff Methodology)							
Long / Short Term Interest Account	Mn. SLR	2,023.159	1,957.489	1,895.688	1,833.638	1,771.588	2,205.451
Overdraft Interest Account	Mn. SLR	658.333	650.000	641.667	633.333	625.000	616.667
Debenture Interest Account	Mn. SLR	-	-	-	1,870.000	-	-
Lease interest Account	Mn. SLR	16.449	16.449	16.449	16.449	16.449	16.449
Delayed Interest on IPP Payments Account	Mn. SLR	1,500.000	1,500.000	1,500.000	1,500.000	1,500.000	1,500.000
Capital Repayment-NCRE loans	Mn. SLR	833.000	833.000	833.000	833.000	833.000	833.000
System Coincidental Peak demand	MW	2426	2421	2540	2452	2437	2336

**since approved allowed revenew is not available for 2024, transmission cost (OPEX & CAPEX) forecasted for budget 2024 is considered-excluding common division cost*

Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Capacity Transmission tariff (TR)	**SLR/MW**	**384,766**	**385,541**	**367,513**	**380,633**	**382,942**	**399,621**
Bulk Supply and Operations Business Tariff (BSS)	**SLR/MW**	**2,122,976**	**2,096,684**	**1,971,026**	**2,775,290**	**1,996,019**	**2,265,148**

Transmission Losses Factor

Block 1

Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Forecasted transmission losses	GWh	26	25	28	26	28	27
Total forecasted energy supplied	GWh	750	698	803	740	799	783
Forecasted TLF	**%**	**3.51%**	**3.51%**	**3.51%**	**3.51%**	**3.51%**	**3.51%**

Block 2

Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Forecasted transmission losses	GWh	11	11	12	11	12	12
Total forecasted energy supplied	GWh	255	237	273	251	272	266
Forecasted TLF	**%**	**4.49%**	**4.49%**	**4.49%**	**4.49%**	**4.49%**	**4.49%**

Block 3

Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Forecasted transmission losses	GWh	7	7	8	7	8	7
Total forecasted energy supplied	GWh	288	268	309	285	307	301
Forecasted TLF	**%**	**2.49%**	**2.49%**	**2.49%**	**2.49%**	**2.49%**	**2.49%**

Capacity Transmission tariff (TR)	SLR	933,363,949.18	933,363,949.18	933,363,949.18	933,363,949.18	933,363,949.18	933,363,949.18
Bulk Supply and Operations Business Tariff (BSS)	SLR	2,142,126,478.33	2,076,455,733.58	2,014,655,566.91	1,952,605,400.25	1,890,555,233.58	2,324,418,537.23

avg tx loss factor	%	3.49%

Notes

Transmission Loss is taken as 3.42% according to Loss Calculation Prepared by CS as at May 03, 2023

Annex III

Bulk Supply Tariff July Dec 2024

Index

Capacity Charge

Month	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Capacity Charge							
Generation capacity	SLR/MW	4,665,442.83	4,841,016.34	5,036,797.68	4,984,937.91	4,939,166.02	5,169,758.01
Transmission	SLR/MW	379,657.83	395,046.00	409,121.29	404,945.59	400,080.75	405,027.37
Bulk Supply Service	SLR/MW	1,627,920.96	1,654,773.85	1,688,689.29	1,631,683.69	1,550,261.36	1,737,557.90
BST (C)	**SLR/MW**	**6,673,021.62**	**6,890,836.19**	**7,134,608.26**	**7,021,567.20**	**6,889,508.12**	**7,312,343.28**

BST (C) 6-Month Weighed average	**SLR/MW**	**6,982,700.95**

Energy Charge

Month	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Block1							
Transmission Loss Factor B1	%	3.51%	3.51%	3.51%	3.51%	3.51%	3.51%
Generation energy Cost B1	SLR/kWh	20.88	21.90	20.59	25.92	27.22	26.00
BST (E1)	**SLR/kWh**	**21.62**	**22.67**	**21.31**	**26.83**	**28.17**	**26.91**
Block 2							
Transmission Loss Factor B2	%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%
Generation energy Cost B2	SLR/kWh	27.15	28.47	26.77	33.70	35.38	33.80
BST (E2)	**SLR/kWh**	**28.36**	**29.74**	**27.97**	**35.21**	**36.97**	**35.31**
Block 3							
Transmission Loss Factor B3	%	2.49%	2.49%	2.49%	2.49%	2.49%	2.49%
Generation energy Cost B3	SLR/kWh	12.53	13.14	12.35	15.55	16.33	15.60
BST (E3)	**SLR/kWh**	**12.84**	**13.47**	**12.66**	**15.94**	**16.74**	**15.99**

BST (E1) 6-Month Weighed average	**SLR/kWh**	**24.54**
BST (E2) 6-Month Weighed average	**SLR/kWh**	**32.20**
BST (E3) 6-Month Weighed average	**SLR/kWh**	**14.58**

E1 - Day
E2 -peak
E3 -off peak

Generation Capacity Cost

Index

Remarks :Added Sobadhanavi

Item\Month	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
System Coincidental Peak demand	MW	2458	2363	2281	2305	2333	2304

Capacity Payment

Plant\Month	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Mahaweli	Mn. SLR	1,191.6	1,191.6	1,191.6	1,191.6	1,191.6	1,191.6
Laxapana	Mn. SLR	1,103.2	1,103.2	1,103.2	1,103.2	1,103.2	1,103.2
Samanala	Mn. SLR	788.5	788.5	788.5	788.5	788.5	788.5
Mannar Wind	Mn. SLR	544.6	544.6	544.6	544.6	544.6	544.6
DSP1	Mn. SLR	330.4	330.4	330.4	330.4	330.4	330.4
DSP2	Mn. SLR	339.8	339.8	339.8	339.8	339.8	339.8
GT16	Mn. SLR	263.3	263.3	263.3	263.3	263.3	263.3
GT07	Mn. SLR	442.0	442.0	442.0	442.0	442.0	442.0
CCKP	Mn. SLR	366.5	366.5	366.5	366.5	366.5	366.5
CCKP 02	Mn. SLR	142.5	183.1	183.1	142.5	142.5	142.5
CPUT	Mn. SLR	4,171.9	4,171.9	4,171.9	4,171.9	4,171.9	4,171.9
DNCHU	Mn. SLR	139.0	139.0	139.0	139.0	139.0	139.0
Island Gen	Mn. SLR	11.6	11.6	11.6	11.6	11.6	11.6
BARGE	Mn. SLR	200.9	200.9	200.9	200.9	200.9	200.9
30MW Hambantota	Mn. SLR	51.6	54.8	54.8	54.8	54.8	51.6
20MW Mathugama	Mn. SLR	34.4	36.5	36.5	36.5	36.5	36.5
CCKW	Mn. SLR	1,204.8	1,127.1	1,204.8	1,166.0	1,171.4	1,133.6
SGPS (100MW)	Mn. SLR	0.0	0.0	118.4	196.8	224.3	207.8
DEMB	Mn. SLR	110.1	110.1	0.0	0.0	0.0	0.0
DMAT	Mn. SLR	32.9	32.9	0.0	0.0	0.0	0.0
Sobadhanavi	Mn. SLR	0.0	0.0	0.0	0.0	0.0	448.1
RENW	Mn. SLR	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	Mn. SLR	11,469.7	11,437.7	11,490.9	11,489.8	11,522.8	11,913.4
Depreciation	Mn. SLR						
ROE	Mn. SLR						
Generation Capacity cost	Mn. SLR	11,469.7	11,437.7	11,490.9	11,489.8	11,522.8	11,913.4

Generation Capacity cost

	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Generation Capacity cost	SLR/MW	4,665,442.83	4,841,016.34	5,036,797.68	4,984,937.91	4,939,166.02	5,169,758.01

Energy price and Energy generated in each plant

Plant\Month	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Mahaweli	GWh	462.364	317.935	349.806	332.941	325.128	353.701
	SLR/kWh						
Laxapana	GWh						
	SLR/kWh						
Samanala	GWh						
	SLR/kWh						
Mananr wind	GWh	45.596	44.400	42.214	18.611	12.460	18.190
	SLR/kWh						
DSP1	GWh	23.017	22.294	13.185	30.355	29.376	23.429
	SLR/kWh	56.95	57.19	62.54	55.14	55.33	56.82
DSP2	GWh	34.987	38.167	28.856	38.167	36.936	35.782
	SLR/kWh	49.87	49.49	50.82	49.49	49.63	49.77
GT16	GWh	0.000	0.000	0.000	0.000	0.000	0.000
	SLR/kWh	0.00	0.00	0.00	0.00	0.00	0.00
GT07	GWh	0.0	0.0	0.0	0.0	0.0	0.0
	SLR/kWh	0.00	0.00	0.00	0.00	0.00	0.00
CCKP	GWh	64.5	67.5	54.9	69.4	70.7	61.7
	SLR/kWh	46.00	46.46	46.19	47.14	47.90	46.26
CCKP 02	GWh	8.4	0.0	0.0	3.4	32.4	30.4
	SLR/kWh	93.21	0.00	0.00	122.15	82.92	83.85
CPUT	GWh	349.5	524.3	451.6	349.5	338.3	349.5
	SLR/kWh	24.40	23.67	23.85	24.52	24.48	24.40
DNCHU	GWh	7.7	10.0	6.5	10.4	11.5	9.6
	SLR/kWh	51.57	50.53	52.37	50.40	50.11	50.70
Island Gen	GWh	0.20	0.20	0.2	0.2	0.2	0.2
	SLR/kWh	115.87	115.87	115.87	115.87	115.87	115.87
BARGE	GWh	31.1	36.2	25.4	34.1	33.0	34.1
	SLR/kWh	51.0	50.3	52.0	50.5	50.7	50.5
30MW Hambantota	GWh	0.743	0.000	0.000	0.000	0.000	2.351
	SLR/kWh	103.84	0.00	0.00	0.00	0.00	100.97
20MW Mathugama	GWh	0.345	0.000	0.000	0.000	0.000	0.000
	SLR/kWh	107.18	0.00	0.00	0.00	0.00	0.00
CCKW	GWh	97.2	38.7	46.4	152.1	123.4	121.9
	SLR/kWh	54.95	57.92	57.10	54.24	54.48	54.96
SGPS (100MW)	GWh	16.03	0.00	0.00	31.34	42.35	35.75
	SLR/kWh	0.00	0.00	0.00	55.05	54.86	54.96
DEMB	GWh	0.0	0.0	0.0	0.0	0.0	0.0
	SLR/kWh	0.0	0.00	0.00	0.00	0.00	0.00
DMAT	GWh	0.0	0.000	0.000	0.000	0.000	0.000
	SLR/kWh	0.00	0.000	0.000	0.000	0.000	0.000
Sobadhanavi	GWh	5.47	0.00	0.00	0.00	0.00	0.00
	SLR/kWh	0.00	0.00	0.00	0.00	0.00	0.00
RENW	GWh	181.063	232.121	240.622	221.420	181.511	193.142
	SLR/kWh	20.78	20.30	20.12	20.01	19.97	19.99
Solar Rooftop Generation	GWh	73.478	73.367	77.172	73.772	65.260	67.610
	SLR/kWh	24.92	24.92	24.92	24.92	24.92	24.92
TOTAL generated energy	**GWh**	**1,401.730**	**1,405.240**	**1,336.840**	**1,365.860**	**1,302.500**	**1,337.350**
Energy Cost	SLR	28,389,643,352	29,846,035,047	26,695,652,106	34,340,097,571	34,385,046,266	33,722,226,193
Energy Cost	SLR Million	28,390	29,846	26,696	34,340	34,385	33,722
		28,390	29,846	26,696	34,340	34,385	33,722

Total Energy cost for six-months	LKR Million	187,378.70
Total energy dispatch for six months	GWh	8,149.520
Six-month average energy cost	LKR/kWh	22.99
loss adjusted six-month average energy cost	LKR/kWh	23.81

Loss factor %		3.42	Loss Calculation Prepared by CS as at May 03, 2023
		96.58	
		97.18	

Notes
TOU enregy ratio is chaged as follows. These ratios were calculated using actual sales to DLs from May 2018 to April 2019 considering a consistent period of 12 months.

TOU Factors	Day	Peak	Offpeak
	58.0%	19.7%	22.3%

Capacity Transmission tariff (TR) & Bulk Supply and Operations Business Tariff (BSS)

Index

Item	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Transmission system allowed revenue *	Mn. SLR	933	933	933	933	933	933
BSOB allowed revenue *	Mn. SLR	119	119	119	119	119	119
BSOBWK allowance (additional finance cost required to cover the potential gap as per clause 2.4.3 in Tariff Methodology)							
Long / Short Term Interest Account	Mn. SLR	1,642.05	1,577.94	1,509.14	1,445.80	1,299.92	1,685.69
Overdraft Interest Account	Mn. SLR	558.33	530.00	541.67	513.33	515.00	516.67
Debenture Interest Account	Mn. SLR	-	-	-	-	-	-
Lease interest Account	Mn. SLR	16.449	16.449	16.449	16.449	16.449	16.449
Delayed Interest on IPP Payments Account	Mn. SLR	833.333	833.333	833.333	833.333	833.333	833.333
Capital Repayment-NCRE loans	Mn. SLR	833.00	833.00	833.00	833.00	833.00	833.00
System Coincidental Peak demand	MW	2458	2363	2281	2305	2333	2304

**since approved allowed revenew is not available for 2024, transmission cost (OPEX & CAPEX) forecasted for budget 2024 is considered-excluding common division cost*

Month	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Capacity Transmission tariff (TR)	**SLR/MW**	**379,658**	**395,046**	**409,121**	**404,946**	**400,081**	**405,027**
Bulk Supply and Operations Business Tariff (BSS)	**SLR/MW**	**1,627,921**	**1,654,774**	**1,688,689**	**1,631,684**	**1,550,261**	**1,737,558**

Transmission Losses Factor

Block 1

Month	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Forecasted transmission losses	GWh	29	29	27	28	27	27
Total forecasted energy supplied	GWh	813	815	775	792	755	776
Forecasted TLF	**%**	**3.51%**	**3.51%**	**3.51%**	**3.51%**	**3.51%**	**3.51%**

Block 2

Month	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Forecasted transmission losses	GWh	12	12	12	12	12	12
Total forecasted energy supplied	GWh	276	277	263	269	257	263
Forecasted TLF	**%**	**4.49%**	**4.49%**	**4.49%**	**4.49%**	**4.49%**	**4.49%**

Block 3

Month	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Forecasted transmission losses	GWh	8	8	7	8	7	7
Total forecasted energy supplied	GWh	313	313	298	305	290	298
Forecasted TLF	**%**	**2.49%**	**2.49%**	**2.49%**	**2.49%**	**2.49%**	**2.49%**

Capacity Transmission tariff (TR)	SLR	933,363,949.18	933,363,949.18	933,363,949.18	933,363,949.18	933,363,949.18	933,363,949.18
Bulk Supply and Operations Business Tariff (BSS)	SLR	1,761,021,566.91	1,696,904,733.58	1,628,104,566.91	1,564,771,566.91	1,418,882,700.25	1,804,660,366.91

avg tx loss factor	%	3.49%

Notes

Transmission Loss is taken as 3.42% according to Loss Calculation Prepared by CS as at May 03, 2023

7														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Plant Factor
Total Gross Generation	**1346.4**	**1258.2**	**1445.1**	**1334.5**	**1433.4**	**1390.0**	**1443.7**	**1464.7**	**1387.5**	**1408.2**	**1343.6**	**1379.2**	**16634**	
Auxilary Consumption	53.8	54.4	60.1	58.1	55.3	41.0	42.2	59.7	50.9	42.5	41.2	42.0		
Total Net Generation	**1292.6**	**1203.8**	**1384.9**	**1276.4**	**1378.0**	**1349.0**	**1401.5**	**1405.0**	**1336.6**	**1365.7**	**1302.3**	**1337.2**	**16033**	
Total Net Generation/day	41.7	41.5	44.7	42.5	44.5	45.0	45.2	45.3	44.6	44.1	43.4	43.1		
NCRE Generation	**179.4**	**171.3**	**215.0**	**174.0**	**274.2**	**343.1**	**300.1**	**349.9**	**360.0**	**313.8**	**259.2**	**278.9**	**3219.0**	
Self Generation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
No. of days	31.0	29.0	31.0	30.0	31.0	30.0	31.0	31.0	30.0	31.0	30.0	31.0	**366**	
Generation (Centrally dispatch)	1113.2	1032.5	1170.0	1102.4	1103.9	1005.8	1101.4	1055.1	976.6	1051.9	1043.1	1058.2		
Reqd. Generation/day(Centraly)	35.9	35.6	37.7	36.7	35.6	33.5	35.5	34.0	32.6	33.9	34.8	34.1		
IPP Thermal Generation														
Sobadanavi	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	**5.5**	**1%**
WCPP	11.7	39.7	96.8	73.9	0.0	113.2	97.2	38.7	46.4	152.1	123.4	121.9	**915.1**	**39%**
ACE_Matara	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.9**	**3%**
ACE Embilipitiya	0.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1.6**	**1%**
Supplentary Power 100MW	0.0	0.0	7.3	1.3	9.2	17.4	16.0	0.0	0.0	31.3	42.4	35.7	**160.6**	**15%**
TOTAL IPP	**12.5**	**41.5**	**104.0**	**75.2**	**9.2**	**130.7**	**118.7**	**38.7**	**46.4**	**183.4**	**165.7**	**157.7**	**1083.8**	
CEB Thermal Generation														
LAKVIJAYA1	155.3	157.9	174.8	169.1	163.5	169.1	174.8	174.8	113.3	0.0	0.0	0.0		**61.2%**
LAKVIJAYA2	174.8	157.9	174.8	169.1	165.5	0.0	174.8	174.8	169.1	174.8	169.1	174.8	**5166.3**	**79.2%**
LAKVIJAYA3	136.5	157.9	174.8	169.1	164.5	169.1	0.0	174.8	169.1	174.8	169.1	174.8		**77.3%**
SAPU B	38.2	34.5	38.2	36.9	27.9	36.9	35.0	38.2	28.9	38.2	36.9	35.8		**67%**
SAPU A	2.8	20.8	28.5	27.0	16.4	22.6	23.0	22.3	13.2	30.4	29.4	23.4		**46%**
BARGE	36.2	32.7	36.2	34.7	21.5	33.0	31.1	36.2	25.4	34.1	33.0	34.1		**74%**
Uthuru Jannanee	11.1	10.7	11.8	9.7	5.6	9.0	7.7	10.0	6.5	10.4	11.5	9.6		**56%**
KCCP_Naptha	67.5	67.5	67.5	67.5	52.7	67.5	64.5	67.5	54.9	67.5	67.5	61.7		**55%**
KCCP_Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.2	0.0		
GT7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		**0%**
SMALL_GT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		**0%**
KCCPS 2	0.0	0.0	0.0	0.0	3.1	2.7	8.4	0.0	0.0	3.4	32.4	30.4		**6%**
Dakanu Jananee	0.0	0.0	0.0	0.0	0.2	0.0	0.7	0.0	0.0	0.0	0.0	2.4		**2%**
Matugama-CEB	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0		**0%**
Total CEB Thermal Generation	**622.3**	**639.7**	**706.5**	**683.3**	**621.0**	**510.1**	**520.3**	**698.5**	**580.4**	**535.5**	**552.2**	**546.9**	**7216.7**	
													2050.4	
Prospective Gen. / Energy shortfall														
Total Thermal Generation	**634.9**	**681.2**	**810.5**	**758.5**	**630.2**	**640.7**	**639.0**	**737.2**	**626.8**	**718.9**	**717.9**	**704.5**	**8300.4**	
Hydro Gen Reqd.	**478.3**	**351.3**	**359.5**	**343.8**	**473.7**	**365.1**	**462.4**	**317.9**	**349.8**	**332.9**	**325.1**	**353.7**	**4513.5**	
Deficit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total Net Generation excluding deficit	**1292.6**	**1203.8**	**1384.9**	**1276.4**	**1378.0**	**1349.0**	**1401.5**	**1405.0**	**1336.6**	**1365.7**	**1302.3**	**1337.2**	**16033**	
Inflow	315.3	213.8	168.4	225.3	451.2	374.2	441.2	384.8	399.3	434.5	406.4	420.5	4234.9	
Drawdown from reservoirs	-163.0	-137.4	-191.0	-118.5	-22.6	9.1	-21.2	66.8	49.5	101.6	81.3	66.8		
STARTING STORAGE	1250	1087	950	759	640	617	627	605	672	722	823	905		
Month End Storage	1087	950	759	640	617	627	605	672	722	823	905	971		
% Storage	0.9	0.8	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.8	0.8		

ශ්‍රී ලංකා මහජන උපයෝගිතා කොමිෂන් සභාව
இலங்கைப் பொதுப் பயன்பாடுகள் ஆணைக்குழு
PUBLIC UTILITIES COMMISSION OF SRI LANKA

ඔබේ අංකය உமது இல. Your No.	අපේ අංකය எமது இல. Our No.	දිනය திகதி Date
	PUC/E/Tariff/01	Jan 17, 2024

Dr. N. De Silva
General Manager
Ceylon Electricity Board

Electricity tariff revision January – March 2024

Reference is made to your tariff proposal submitted on January 16, 2023 (Ref: DGM(CS&RA)/TRF/Trf.2024) on the above subject and Section 59 of Sri Lanka Electricity Act No. 20 of 2009.

The Commission is in the process of reviewing your aforementioned tariff proposal. In doing so Commission requires information listed in attached Annexures. Therefore, you are required to submit the information in the given formats on or before January 19, 2024.

Sgd./Damitha Kumarasinghe
Director General

Kanchana Siriwardena
Deputy Director General (Industry Services)

06.වන මහල, ලංකා බැංකු වේලඳ කුට්ඨ,
28. ශාන්ත මයිකල් පාර, කොළඹ 03.

06 ஆவது மாடி, இலங்கை வங்கி வர்த்தகக் கோபுரம்,
28, சென் மைக்கல் வீதி, கொழும்பு 03.

Level 06, BOC Merchant Tower,
28, St. Michael's Road, Colombo 03, Sri Lanka.

Tel : +94 11 2392607/8
Fax : +94 11 2392641
E-mail : info@pucsl.gov.lk
Web : www.pucsl.gov.lk

සභාපති தலைவர் Chairman +94 11 2392606
අධ්‍යක්ෂ ජනරාල් பணிப்பாளர் நாயகம் Director General +94 11 2392606

Annex - 1

Clarification/detail information required

1. Actual Distribution and Transmission costs of 2023

Actual Distribution and Transmission costs for 2023 is required as per the following format. Allocation of costs of common divisions such as head-quarters, asset management etc. shall be included.

An estimate for month December may be used if data is not available yet.

Total expenditure (without cost of sales/energy purchase cost) shall be included.

2023 total cost					
Description	**DL1**	**DL2**	**DL3**	**DL4**	**TL**
Personnel Expenses					
Material Cost					
Accommodation Expenses					
Transport & Communication Expenses					
Depreciation					
Other Expenses					
Finance Cost					
Allocation of common division costs					
Non-regulated business cost					
Etc.					
Total					

2. Sales forecast of each DL for 2024 shall be submitted as per the format given in Annex-2 (soft copy of the format will be shared)
   Total energy sales of DL1 to DL4 shall be equal to total energy generation (16,303 GWh) – LECO sales -- applicable network losses

3. Breakdown of finance cost of MLKR 53,910.9 shall be submitted as per following format.

Description	Interest rate	Finance Cost (LKR Million)				
		Jan-2024	Feb-2024	----------	Dec-2024	Total-2024
Loan of ABC Bank of XX BLKR						
Loan of XYZ Bank of XX BLKR						
Interest for CPC						
Interest for IPP						
etc						
Total						53,910.9

The monthly payment plan of Capital portion of each loan/liability shall be submitted separately using the same format.

4. Reasons for inclusion of 100 MW supplementary power plant in the dispatch

Annex - 2

Average Monthly Energy Considering the Whole Year

customer_catgry	tariff_interval	units_KWH
D	LT030	
D	LT060	
D	LT090	
D	LT120	
D	LT180	
D	MT180	
D	CORRECTED	
D	DYTIME	
D	PKTME	
D	OFPK	
D	CORRECTED	
D	BULK_DYTIME	
D	BULK_PKTME	
D	BULK_OFPK	
D	CORRECTED	
R	LT030	
R	LT060	
R	LT090	
R	LT120	
R	LT180	
R	MT180	
R	CORRECTED	
R	BLK_DYTIME	
R	BLK_PKTME	
R	BLK_OFPK	
R	CORRECTED	
I1	LT300	
I1	MT300	
I1	CORRECTED	
I1	AGRI DYTIME	
I1	AGRI PKTME	
I1	AGRI OFPK	
I1	CORRECTED	
I2	DYTIME	
I2	PKTME	
I2	OFPK	
I2	CORRECTED	
I3	DYTIME	
I3	PKTME	
I3	OFPK	
I3	CORRECTED	
H1	LT300	
H1	MT300	
H1	CORRECTED	
H2	DYTIME	
H2	PKTME	
H2	OFPK	
H2	CORRECTED	
H3	DYTIME	
H3	PKTME	
H3	OFPK	
H3	CORRECTED	
GP1	LT180	
GP1	MT180	
GP1	CORRECTED	
GP2	DYTIME	
GP2	PKTME	
GP2	OFPK	
GP2	CORRECTED	
GP3	DYTIME	
GP3	PKTME	
GP3	OFPK	
GP3	CORRECTED	
GV1	LT180	
GV1	MT180	
GV1	CORRECTED	
GV2	DYTIME	
GV2	PKTME	
GV2	OFPK	
GV2	CORRECTED	
GV3	DYTIME	
GV3	PKTME	
GV3	OFPK	
GV3	CORRECTED	
STRTLTG_PBLC	MTZRO	
STRTLTG_PVT	MTZRO	
STRTLTG_PVT	CORRECTED	

Average Monthly No. of Consumers & Maximum Demand Considering the Whole Year

customer_catgry	tariff_interval	no_of_cus	max_dmnd_KVA
D	ZRO		
D	LT030		
D	LT060		
D	LT090		
D	LT0120		
D	LT180		
D	MT180		
D	TOU_ALL		
D	BULK_ALL		
D	CORRECTED		
R	ZRO		
R	LT030		
R	LT060		
R	LT090		
R	LT120		
R	LT180		
R	MT180		
R	BULK_ALL		
R	CORRECTED		
I1	ZRO		
I1	LT300		
I1	MT300		
I1	AGRI_ALL		
I1	CORRECTED		
I2	ZRO		
I2	BULK_ALL		
I2	CORRECTED		
I3	ZRO		
I3	BULK_ALL		
I3	CORRECTED		
H1	ZRO		
H1	LT300		
H1	MT300		
H1	CORRECTED		
H2	ZRO		
H2	BULK_ALL		
H2	CORRECTED		
H3	ZRO		
H3	BULK_ALL		
H3	CORRECTED		
GP1	ZRO		
GP1	LT180		
GP1	MT180		
GP1	CORRECTED		
GP2	ZRO		
GP2	BULK_ALL		
GP2	CORRECTED		
GP3	ZRO		
GP3	BULK_ALL		
GP3	CORRECTED		
GV1	ZRO		
GV1	LT180		
GV1	MT180		
GV1	CORRECTED		
GV2	ZRO		
GV2	BULK_ALL		
GV2	CORRECTED		
GV3	ZRO		
GV3	BULK_ALL		
GV3	CORRECTED		
STRTLTG_PBLC	ALL		
STRTLTG_PVT	ALL		
STRTLTG_PVT	CORRECTED		
D	UNBILLED		
R	UNBILLED		
I1	UNBILLED		
I2	UNBILLED		
I3	UNBILLED		
GP1	UNBILLED		
GP2	UNBILLED		
GP3	UNBILLED		
H1	UNBILLED		
H2	UNBILLED		
H3	UNBILLED		
GV1	UNBILLED		
GV2	UNBILLED		
GV3	UNBILLED		

ලංකා විදුලිබල මණ්ඩලය
இலங்கை மின்சார சபை
CEYLON ELECTRICITY BOARD

Your ref: My ref: DGM(CS&RA)/TRF/Trf. 2023 Date: January 17, 2024

Director General,
Public Utilities Commission of Sri Lanka,
6th Floor, BOC Merchant Tower,
No.28, St, Michael's Road,
Colombo 3.

Information request under Section 59 of Sri Lanka Electricity Act No. 20 of 2009

This refers to your letter no. PUC/E/Tariff/01 dated 2024-01-04 regarding the above.

Accordingly, the requested information on monthly income statements is attached herewith as Annex I for your information and necessary actions, please.

Further, kindly note that the audited regulatory accounts of CEB for 2022 have not been received from the Auditor General's Department yet and hence, the same unaudited account submitted to the Auditor General is forwarded herewith, please.

Yours faithfully
CEYLON ELECTRICITY BOARD

Eng. (Mrs.) TR Kothalawala
Chief Engineer (Corporate Strategy)
For Deputy General Manager
(Corporate Strategy & Regulatory Affairs)

Copy:

1. *Chairman, PUCSL* - *fi & na pl.*
2. *Ms. Chathurika Wijesinghe, member PUCSL* - *fi & na pl.*
3. *Mr. Douglas N. Nanayakkara, member PUCSL* - *fi & na pl.*
4. *Mr. SG Senaratne, member PUCSL* - *fi & na pl.*
5. *Chairman, CEB* - *fi pl.*
6. *Addl. GM (CS)* - *fi pl.*
7. *FM, CEB* - *fi pl.*

Ceylon Electricity Board

Projected Operating Statement 2023

Jan - Nov (Actuals), Dec (Estimated) 2023 - Based on Dispatch Forecast dated 02.11.2023

Description	Actual (Rs. Mn)											Estimate (Rs. Mn)	Total
	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	For the year 2023
Income													
Sale of Electricity	32,469	35,324	53,392	58,931	58,868	57,829	53,519	51,771	48,266	47,821	53,803	51,372	603,364
Other Income	840	1,431	990	1,041	1,197	1,216	1,644	1,422	1,518	1,964	1,244	1,200	15,706
Total Income	**33,309**	**36,755**	**54,382**	**59,972**	**60,065**	**59,045**	**55,163**	**53,193**	**49,784**	**49,785**	**55,047**	**52,572**	**619,070**
OPEX													
Generation Cost (Energy)	34,318	37,746	46,722	40,501	30,873	40,872	38,616	49,232	34,419	19,073	12,796	11,532	396,701
Generation Cost (Capacity)	3,599	3,519	2,299	1,460	3,334	3,642	2,068	3,081	2,485	2,234	3,088	4,978	35,786
	37,917	**41,265**	**49,021**	**41,961**	**34,208**	**44,514**	**40,685**	**52,312**	**36,904**	**21,307**	**15,884**	**16,510**	**432,487**
Transmission Cost	892	839	755	855	1,130	881	4,177	1,564	1,774	2,742	1,870	3,017	20,496
Distribution Cost	4,518	5,102	3,241	4,585	5,554	5,399	5,008	4,013	5,113	4,753	4,220	10,562	62,067
Finance Cost	5,062	5,161	5,046	7,994	6,055	5,290	4,964	2,704	1,942	4,609	886	5,586	55,298
Total Cost	**48,389**	**52,367**	**58,063**	**55,394**	**46,948**	**56,084**	**54,834**	**60,593**	**45,732**	**33,410**	**22,860**	**35,675**	**570,348**
Net Income Before Taxation	(15,080)	(15,612)	(3,681)	4,577	13,117	2,961	329	(7,400)	4,052	16,375	32,187	16,897	48,722
Taxation	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Income After Taxation	**(15,080)**	**(15,612)**	**(3,681)**	**4,577**	**13,117**	**2,961**	**329**	**(7,400)**	**4,052**	**16,375**	**32,187**	**16,897**	**48,722**
Other Comprehensive Income	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Comprehensive Income for the period	**(15,080)**	**(15,612)**	**(3,681)**	**4,577**	**13,117**	**2,961**	**329**	**(7,400)**	**4,052**	**16,375**	**32,187**	**16,897**	**48,722**

Note:

Operating expenditure of the Common Divisions have been proportionately allocated to the Generation, Transmission and Distribution Divisions.

Economic Service Charge amounting to Rs. 3.9Bn would be written-off via Board Approval in Dec-2023, as the Inland Revenue Department has confirmed that the said amount cannot be recovered. Hence, Rs. 3.9 Bn has been apportioned among Generation, Transmission and Distribution in Nov-2023.

Delay charges for NCRE producers amounting to Rs. 3Bn has been accounted for under Finance cost in the month of Dec-2023.

Impairment of Trade Debtors amounting to appx. Rs. 2Bn has been considered under Distribution in the month of Dec-2023.

Year-end provisions such as exchange gain/ loss, actuarial gain/ loss, etc. have not been considered for the month of Dec-2023, as yet, in the above Income Statement.

Prepared by:

J. C. Handagama
Accountant (Planning)-CEB

Checked by:

N. M. K. B. Wanninayaka
DFM(Planning & Information)-CEB

Approved:

S. Nihal Fernando
Finance Manager
(Strategic Management and Bulk Supply Operations)
Ceylon Electricity Board