



Your ref:

My ref: DGM(CS&RA)/TRF/Trf. 2025

Date: December 6, 2024

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

Dear Sir,

First Electricity Tariff Revision 2025

This has reference to the PUCSL letter No. PUC/E/Tariff/01 dated 2024-10-18 regarding the above subject.

Accordingly, the tariff revision proposal for the first half of the year 2025 is submitted as Annex I. Additionally, the Bulk Supply Tariff (BST) for the same is attached as Annex II.

The salient points of the tariff revision proposal are explained below.

1. Generation Forecast for the first half 2025 (1H 2025)

The energy generation for 1H 2025 was estimated based on the actual 2024 generation and the growth predictions. The total net generation for the 1H 2025 has been estimated as 8,636.7 GWh and the 2025 generation dispatch forecast has been prepared for the same. The monthly net generation forecast for the year 2025 is as follows.

Table 1: Forecasted Net Generation for 1H 2025

2025	Jan	Feb	Mar	Apr	May	Jun	Total
Forecast Net Gen. (GWh)	1,417.0	1,320.9	1,518.3	1,398.2	1,507.4	1,474.8	8,636.7

2. Dispatch

The generation dispatch plan was updated to reflect the latest hydro storage levels, boosted by significant inflows from recent deep depression and cyclonic conditions. Additionally, the Meteorological Department's December weather forecast for December 2024 to February 2025 (Annex III) was considered. With improved initial hydro storage, increased hydro generation has been allocated for the early dry period, while managing reservoir drawdowns to reserve capacity for the next monsoon.

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. A Level C maintenance for

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Unit 3 of Lakvijaya Power Plant, requiring a 30-day outage, is planned for June, 2025. A Generator Major Inspection for KCCP2 is planned for 8 weeks from mid-April 2025. The Sobadhanavi IPP Thermal Plant (312 MW) will commence commercial operation in combined cycle mode from April 2025.

Accordingly in first half of 2025, approximately 2,216.9 GWh of energy is expected from hydro, while thermal and other renewable energy sources are anticipated to contribute 4,745.0 GWh and 1,674.7 GWh, respectively. The expected hydro inflow is estimated as 1,786.1 GWh.

3. Sales Forecast

The sales forecast was prepared based on the net generation and transmission and distribution losses. Accordingly, the total estimated sales for 1H 2025 is 7,937.1 GWh. The share of sales to LECO is taken as 851.3 GWh from the 33 kV boundary. Please refer the table 2 below.

Table 2: Sales forecast for 2025

2025	CEB End User Customers (Nos.)	CEB End User Sales (GWh)	LECO 33 kV Sales (GWh)	Total Sales (GWh)
January	7,168,747	1,157.7	145.0	1,302.7
February	7,177,879	1,079.5	135.7	1,215.1
March	7,186,141	1,250.5	145.0	1,395.6
April	7,194,075	1,145.0	140.3	1,285.3
May	7,200,300	1,239.3	145.0	1,384.3
June	7,207,597	1,213.7	140.3	1,354.1
Total	-	7,085.7	851.3	7,937.1

4. Revenue

The forecasted revenue for both CEB and LECO has been calculated, giving due consideration to the transfer price for bulk sales from CEB to LECO. The transfer price, provided by LECO, is taken as 26.14 LKR/kWh for the first half of 2025. The total estimated revenue for 1H 2025 from the existing tariff is LKR 229.7 billion.

5. Expenditure

The existing composite Power Purchase Agreement outlines the pricing for capacity and energy transactions between CEB's Generation and Transmission Divisions, while separate agreements set prices for energy sold by Independent Power Producers (IPPs) and Small Power Producers (SPPs). In CEB Thermal Power Plants, the Energy Price covers startup expenses, variable O&M, and fuel costs based on contractual fuel consumption rates. IPP and SPP energy costs are recovered through their respective PPAs. Energy costs for CEB's hydro and wind generation are considered zero. Expenditure estimates account for actual or tendered fuel prices at CEB's boundary, with liquid fuel pricing beyond CEB's control. Coal pricing reflects actual values. Fuel prices, exchange rates, and VAT revisions have been updated as of December, 2024 and according to the letter of Managing Director, CPC letter no. FD/DGM/2024/02/CEB dated 2024-12-05 (Annex IV). Please refer the table 3 below.

Table 3: Fuel Prices and Exchange rates used in Tariff Revision 1H 2025

	Description	1H 2025
1	Auto Diesel (Rs./l)	275.00
2	Furnace oil (Rs./l)	179.00
3	Naphtha (Rs./l)	146.00
4	Coal (Rs./kg)	47.57
5	Ex. Rate (Rs./USD)	294.97

CEB plant capacity costs cover fixed O&M, services by CEB and Generation HQ, allocated based on installed capacity. IPP and SPP capacity costs are recovered through their PPAs. Capacity and energy costs are calculated accordingly. For CEB plants, major CAPEX is managed via monthly bank loans, easing the impact of capital-intensive projects on tariff. This strategy, approved in the 2024 Tariff Decision, spreads costs over time to moderate immediate tariff increases.

Total Transmission and Distribution allowed revenue excluding the finance cost component are calculated based on the tariff filing approved by the PUCSL by the decision dated 2024-07-15 and provisional BST decision document of PUCSL dated 2024-09-19.

It is important to note that CEB has informed PUCSL of certain operational errors identified in the transmission revenue filing templates during the previous tariff submission. While the Commission is yet to address these discrepancies, the allowed revenue for the Transmission Licensee in 2024 was determined based on the latest actual expenses available at that time. However, this decision has resulted in an approved transmission allowed revenue insufficient to cover expenses. Accordingly, the allowed revenue for the Transmission Licensee for the first half of 2025 has been estimated as LKR 12,181million.

Similarly, the approved allowed revenue of Distribution Licensees for 2024 has been indexed and updated for 2025 and the distribution cost including adjustment of allowed revenue for CEB for 1H 2025 is as follows.

Table 4: Distribution Costs for 1H 2025

Description	Unit	DL1	DL2	DL3	DL4
Distribution Allowed Revenue	MLKR	7,914	10,962	6,284	5,793
Retail Service Cap	LKR/Customer	5,095	2,449	3,541	3,352
Total Distribution Cost	MLKR	13,009	13,989	8,937	7,783

Furthermore, the finance cost has been updated as per the latest Average Weighted Prime Lending Rate (AWPLR) of 9.3%. The finance cost for the 1H 2025 has been estimated as LKR 7,728 million.

6. Conclusion

As per Clause 5.2 of PUCSL's Tariff Methodology, end-user tariffs are determined based on CEB's revenue requirements. CEB analyzed factors such as current tariffs, fuel availability, future prices, hydro inflows, plant schedules, interest rates, economic recovery, energy demand, transmission and distribution adjustments, and government policies to develop the BST and tariff proposal.

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The summary of expenditure for 2024 considered for the tariff revision is tabulated below.

Table 5: Summary of Expenditures considered for 1H 2025

Description	Unit	2025 1H	Source
Generation - Energy Cost	MLKR	173,658	BST 1H 2025
Generation - Capacity Cost	MLKR	31,408	-do-
Transmission Allowed Revenue	MLKR	12,181	As above
Finance Cost	MLKR	7,728	Latest forecast
Distribution Allowed Revenue	MLKR	43,718	As above
Total Cost	MLKR	268,693	-
Estimated Revenue at present tariffs	MLKR	229,776	Latest Forecast
Jan – Sept 2024 period revenue difference	MLKR	41,251	Annex V
Surplus/(Deficit)	MLKR	2,334	-

Based on the above analysis, a surplus of LKR 2,334 million has been estimated for 1H 2025 warranting a tariff reduction of 1.02 %. Any variations in the estimate, whether an excess or a shortfall, will be accounted for in the Bulk Supply Transaction Account (BSTA) and considered in the next tariff revision.

However, considering the inherent uncertainties associated with hydroelectric generation predictions for the year 2025, the projected surplus must be evaluated with caution. Therefore, it is prudent to recognize that the indicated surplus falls well within the margin of estimation error.

In light of this, and to ensure financial and operational stability while avoiding potential risks to the reliability of electricity supply, CEB proposes to maintain the prevailing tariff structure for the first six months in 2025.

The Board approved the tariff proposal for the first half of 2025, is hereby submitted to the Commission for its approval and subsequent implementation, please.

Yours faithfully
CEYLON ELECTRICITY BOARD

Eng. K.G.R.F. Comester
General Manager
Ceylon Electricity Board

Eng. K. G. R. F. Comester
General Manager
Ceylon Electricity Board

Copy to:

1. Secretary to the Treasury - *fi & na pl.*
2. Chairman, CEB - *fi pl.*
3. Addl. GM (CS) - *fi pl.*
4. FM, CEB - *fi pl.*

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		Existing tariff to be continued for the first 6 months of 2025			
EFFECTIVE FROM (for each 30 - day billing period)		2025-01-01			
DOMESTIC					
		Energy Charge (Rs./kWh)		Fixed Charge (Rs./mth)	
Consumption 0 - 60 kWh per month					
Block 1 : 0 - 30 kWh		6.00		100.00	
Block 2 : 31 - 60 kWh		9.00		250.00	
Consumption above 60 kWh per month					
Block 1 : 0 - 60 kWh		15.00		N/A	
Block 2 : 61 - 90 kWh		18.00		400.00	
Block 3 : 91 - 120 kWh		30.00		1,000.00	
Block 4 : 121 - 180 kWh		42.00		1,500.00	
Block 5 : 181 and above		65.00		2,000.00	
Optional Time of Use (ToU) Electricity Tariff for Dom. Consumers					
Day (05:30 - 18:30 hrs)		56.00		2,000.00	
Peak (18:30 - 22:30 hrs)		72.00			
Off Peak (22:30 - 05:30 hrs)		24.00			
RELIGIOUS & CHARITABLE INSTITUTIONS					
Consumption 0 - 180 kWh per month					
Block 1 : 0 - 30 kWh		6.00		100.00	
Block 2 : 31 - 90 kWh		6.00		250.00	
Block 3 : 91 - 120 kWh		10.00		300.00	
Block 4 : 121 - 180 kWh		20.00		1,200.00	
Block 5 : 181 kWh and above		30.00		1,600.00	
OTHER CONSUMER CATEGORIES		Industrial / Hotel		General Purpose / Government	
Volume differentiated monthly consumption		IP/H 1-1 (\leq 300 kWh/mth)	IP/H 1-2 ($>$ 300 kWh/mth)	GP/GV 1-1 (\leq 180 kWh/mth)	GP/GV 1-2 ($>$ 180 kWh/mth)
Rate 1 Supply at 400/230 V Contract demand \leq 42 kVA	Energy Charge (Rs. /kWh)	10.00	16.00	26.40	34.40
	Fixed Charge (Rs./mth)	300.00	1,000.00	600.00	1,500.00
Rate 2 Supply at 400/230 V Contract demand $>$ 42 kVA	Energy Charge (Rs./kW)	Day (05:30 - 18:30 hrs)	20.50	38.25	
		Peak (18:30 - 22:30 hrs)	30.50	46.75	
		Off Peak (22:30 - 05:30 hrs)	18.00	31.45	
	Demand Charge (Rs./kVA)	1,500.00	1,500.00		
Fixed Charge (Rs./mth)	5,000.00	5,000.00			
Rate 3 Supply at 11 kV & above	Energy Charge (Rs./kW)	Day (05:30 - 18:30 hrs)	19.50	37.40	
		Peak (18:30 - 22:30 hrs)	29.50	45.90	
		Off Peak (22:30 - 05:30 hrs)	17.00	30.60	
	Demand Charge (Rs./kVA)	1,400.00	1,400.00		
	Fixed Charge (Rs./mth)	5,000.00	5,000.00		
STREET LIGHTING					
Street Lighting (Rs./kWh)		45.00			
EV CHARGING OF CEB CHARGING STATIONS		DC Fast Charging (Rs./kWh)		Level 2 AC Ch. (Rs./kWh)	
Day (05:30 - 18:30 hrs)		87.00		70.00	
Peak (18:30 - 22:30 hrs)		111.00		90.00	
Off Peak (22:30 - 05:30 hrs)		53.00		40.00	
AGRICULTURE - Optional Time of Use (ToU) Electricity Tariff		Energy Charge (Rs./kWh)		Fixed Charge (Rs./mth)	
Rate 1 Supply at 400/230V Contract demand \leq 42 kVA	Day (05:30 - 18:30 hrs)	18.00		1,000.00	
	Peak (18:30 - 22:30 hrs)	35.00			
	Off Peak (22:30 - 05:30 hrs)	8.00			

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Bulk Supply Tariff

Jan - June 2025

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Capacity Charge

Month	Unit	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Capacity Charge							
Generation capacity	SLR/MW	1,724,634.86	1,626,428.95	1,656,598.21	2,147,803.12	2,223,833.11	2,302,658.48
Transmission	SLR/MW	696,009.29	673,083.49	663,924.01	688,783.26	691,438.53	722,953.14
Bulk Supply Service	SLR/MW	549,262.65	525,572.35	513,449.78	523,877.40	520,605.92	622,871.78
BST (C)	SLR/MW	2,969,906.80	2,825,084.79	2,833,972.00	3,360,463.77	3,435,877.56	3,648,483.40

BST (C)	SLR/MW	3,171,933.97
6-Month Weighed average		

Energy Charge

Month	Unit	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Block 1							
Transmission Loss Factor B1	%	3.40%	3.40%	3.40%	3.40%	3.40%	3.40%
Generation energy Cost B1	SLR/kWh	21.47	23.37	24.00	21.13	17.29	17.42
BST (E1)	SLR/kWh	22.19	24.17	24.81	21.85	17.88	18.01
Block 2							
Transmission Loss Factor B2	%	4.34%	4.34%	4.34%	4.34%	4.34%	4.34%
Generation energy Cost B2	SLR/kWh	27.90	30.39	31.20	27.47	22.48	22.64
BST (E2)	SLR/kWh	29.12	31.70	32.55	28.67	23.45	23.62
Block 3							
Transmission Loss Factor B3	%	2.41%	2.41%	2.41%	2.41%	2.41%	2.41%
Generation energy Cost B3	SLR/kWh	12.88	14.02	14.40	12.68	10.37	10.45
BST (E3)	SLR/kWh	13.19	14.36	14.74	12.99	10.62	10.70

BST (E1)	SLR/kWh	21.43
6-Month Weighed average		
BST (E2)	SLR/kWh	28.12
6-Month Weighed average		
BST (E3)	SLR/kWh	12.74
6-Month Weighed average		

E1 - Day
E2 - peak
E3 - off peak

Generation Capacity Cost

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Remarks :Added Sobadhanavi

Item\Month	Unit	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
System Coincidental Peak demand	MW	2669	2760	2798	2697	2686	2569

Capacity Payment

Plant\Month	Unit	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Mahaweli	Mn. SLR	400.9	403.2	403.2	409.9	409.9	421.7
Laxapana	Mn. SLR	395.3	395.3	395.3	395.3	395.3	399.8
Samanala	Mn. SLR	261.9	261.9	261.9	261.9	261.9	262.7
Mannar Wind	Mn. SLR	551.7	551.7	551.7	551.7	551.7	551.7
DSP1	Mn. SLR	71.7	71.7	71.7	71.7	71.7	72.5
DSP2	Mn. SLR	73.7	73.7	73.7	73.7	73.7	73.7
GT16	Mn. SLR	43.8	44.8	44.8	44.8	44.8	44.8
GT07	Mn. SLR	78.7	78.7	78.7	78.7	78.7	81.6
CCKP	Mn. SLR	102.7	102.7	102.7	102.7	102.7	104.7
CCKP 02	Mn. SLR	90.6	70.4	70.4	70.4	90.6	71.4
CPUT	Mn. SLR	1,081.3	1,097.7	1,129.0	1,135.2	1,141.5	1,155.9
DNCHU	Mn. SLR	29.2	29.2	29.2	29.2	29.2	31.3
Island Gen	Mn. SLR	8.8	8.8	8.8	8.8	8.8	8.8
BARGE	Mn. SLR	51.5	51.5	53.1	53.1	53.1	54.8
30MW Hambantota	Mn. SLR	17.5	17.5	17.5	26.1	17.5	17.5
20MW Mathugama	Mn. SLR	11.7	11.7	11.7	11.7	11.7	11.7
CCKW	Mn. SLR	1,306.7	1,193.0	1,306.3	1,268.5	1,393.6	1,353.0
SGPS (100MW)	Mn. SLR	0.0	0.0	0.0	0.0	0.0	0.0
DEMB	Mn. SLR	0.0	0.0	0.0	0.0	0.0	0.0
DMAT	Mn. SLR	0.0	0.0	0.0	0.0	0.0	0.0
Sobadhanavi	Mn. SLR	25.0	25.0	25.0	1,198.6	1,237.7	1,198.6
RENW	Mn. SLR	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	Mn. SLR	4,602.6	4,488.4	4,634.7	5,792.1	5,974.1	5,916.2
Depreciation	Mn. SLR						
ROE	Mn. SLR						
Generation Capacity cost	Mn. SLR	4,602.6	4,488.4	4,634.7	5,792.1	5,974.1	5,916.2

Generation Capacity cost

	Unit	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Generation Capacity cost	SLR/MW	1,724,634.86	1,626,428.95	1,656,598.21	2,147,803.12	2,223,833.11	2,302,658.48

Energy price and Energy generated in each plant

Plant\Month	Unit	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Mahaweli	GWh	353.291	275.247	305.838	356.599	454.208	471.702
	SLR/kWh						
Laxapana	GWh						
	SLR/kWh						
Samanala	GWh						
	SLR/kWh						
Mannar wind	GWh	20.345	20.999	12.183	5.748	42.976	58.876
	SLR/kWh						
DSP1	GWh	27.662	26.905	30.320	29.376	18.239	21.719
	SLR/kWh	46.02	46.10	45.76	45.84	47.01	46.38
DSP2	GWh	34.828	34.474	38.167	36.936	32.853	30.736
	SLR/kWh	42.38	42.40	42.19	42.26	42.50	42.66
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	78.3	84.6	84.9	85.0	72.2	72.0
	SLR/kWh	49.31	40.25	40.25	40.25	40.37	40.38
CCKP 02	GWh	0.0	11.0	29.5	5.4	0.0	9.4
	SLR/kWh	0.00	73.93	66.36	68.24	0.00	68.60
CPUT	GWh	518.9	489.9	542.4	524.9	526.1	367.4
	SLR/kWh	20.16	20.20	20.13	20.15	20.27	20.42
DNCHU	GWh	10.8	10.7	11.8	11.5	9.4	9.1
	SLR/kWh	42.47	42.49	42.27	42.34	42.81	42.89
Island Gen	GWh	0.20	0.20	0.2	0.2	0.2	0.2
	SLR/kWh	88.52	88.52	88.52	88.52	88.52	88.52
BARGE	GWh	35.4	32.7	36.2	35.0	30.6	29.9
	SLR/kWh	42.6	42.8	42.5	42.6	43.0	43.1
30MW Hambantota	GWh	0.430	0.274	0.417	0.000	0.157	0.707
	SLR/kWh	96.41	108.45	97.06	0.00	131.66	88.51
20MW Mathugama	GWh	0.515	0.327	0.379	0.010	0.193	1.169
	SLR/kWh	88.63	95.33	92.66	665.57	107.45	82.27
CCKW	GWh	127.9	133.1	168.4	91.6	35.9	46.3
	SLR/kWh	48.85	48.82	48.73	49.01	49.60	49.24
SGPS (100MW)	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
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	0.00	0.00	0.00	0.00	0.00	10.08
	SLR/kWh	0.00	0.00	0.00	0.00	0.00	65.00
RENW	GWh	92.052	83.441	129.374	102.644	173.723	240.490
	SLR/kWh	18.84	19.16	17.87	18.43	17.04	16.50
Solar Rooftop Generation	GWh	116.557	117.206	128.413	113.596	110.850	105.235
	SLR/kWh	26.47	26.47	26.47	26.47	26.47	26.47
TOTAL generated energy	GWh	1,417.150	1,321.070	1,518.510	1,398.450	1,507.581	1,475.051

Energy Cost	SLR	29,503,947,841	29,948,771,456	35,341,638,050	28,665,145,482	25,281,935,287	24,916,629,562
Energy Cost	SLR Million	29,504	29,949	35,342	28,665	25,282	24,917
		29,504	29,949	35,342	28,665	25,282	24,917

Total Energy cost for six-months	LKR Million	173,658.07
Total energy dispatch for six months	GWh	8,637.811
Six-month average energy cost	LKR/kWh	20.10
loss adjusted six-month average energy cost	LKR/kWh	20.79

Loss factor %			Loss Calculation Prepared by CS as at April 27, 2024
		96.69	
		97.18	

Notes
TOU enegy ratio is chaqed 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)

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Item	Unit	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Transmission system allowed revenue *	Mn. SLR	1,681	1,681	1,681	1,681	1,681	1,681
BSOB allowed revenue *	Mn. SLR	113	113	113	113	113	113
Long / Short Term Interest Account	Mn. SLR	566	550	536	513	498	700
Overdraft Interest Account	Mn. SLR	500	500	500	500	500	500
Debtenture Interest Account	Mn. SLR	156	156	156	156	156	156
Lease Interest Account	Mn. SLR	2	2	2	2	2	2
Delayed Interest on IPP Payments	Mn. SLR	20	20	20	20	20	20
Delayed Interest on NCRE Payments	Mn. SLR	50	50	50	50	50	50
TL Additional OPEX Requirement							
TL Additional CAPEX Requirement							
System Coincidental Peak demand	MW	2669	2760	2798	2697	2686	2569

Month	Unit	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Capacity Transmission tariff (TR)	SLR/MW	696,009	673,083	663,924	688,783	691,439	722,953
Bulk Supply and Operations Business Tariff (BSS)	SLR/MW	549,263	525,572	513,450	523,877	520,606	622,872

Transmission Losses Factor
Block 1

Month	Unit	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Forecasted transmission losses	GWh	28	26	30	28	30	29
Total forecasted energy supplied	GWh	822	766	881	811	874	856
Forecasted TLF	%	3.40%	3.40%	3.40%	3.40%	3.40%	3.40%

Block 2

Month	Unit	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Forecasted transmission losses	GWh	12	11	13	12	13	13
Total forecasted energy supplied	GWh	279	260	299	275	297	291
Forecasted TLF	%	4.34%	4.34%	4.34%	4.34%	4.34%	4.34%

Block 3

Month	Unit	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Forecasted transmission losses	GWh	8	7	8	8	8	8
Total forecasted energy supplied	GWh	316	295	339	312	336	329
Forecasted TLF	%	2.41%	2.41%	2.41%	2.41%	2.41%	2.41%

Capacity Transmission tariff (TR)	SLR	1,857,481,176.39	1,857,481,176.39	1,857,481,176.39	1,857,481,176.39	1,857,481,176.39	1,857,481,176.39
Bulk Supply and Operations Business Tariff (BSS)	SLR	1,465,849,727.51	1,450,400,667.47	1,436,494,681.37	1,412,770,111.93	1,398,556,292.49	1,600,342,473.05

avg tx loss factor	%	3.38%
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ENERGY DISPATCH FORECAST - GWh- 2025													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total Net Generation	1417	1321	1518	1398	1507	1475	1534	1537	1464	1495	1424	1462	17553
Total Net Generation/day	45.7	47.2	49.0	46.6	48.6	49.2	49.5	49.6	48.8	48.2	47.5	47.2	
NCRE Generation	229.0	221.6	270.0	222.0	327.5	404.6	366.0	416.7	426.1	374.0	310.8	334.9	3903
No. of days	31.0	28.0	31.0	30.0	31.0	30.0	31.0	31.0	30.0	31.0	30.0	31.0	365
Generation (Centrally dispatch)	1188.0	1099.3	1248.4	1176.3	1179.9	1070.2	1167.8	1120.7	1038.2	1120.7	1113.1	1127.2	
Reqd. Generation/day(Centrally)	38.3	39.3	40.3	39.2	38.1	35.7	37.7	36.2	34.6	36.2	37.1	36.4	
IPP Thermal Generation													
Sobadanavi	0.0	0.0	0.0	0.0	0.0	10.1	13.5	0.7	0.6	10.9	7.3	16.1	59.4
WCPP	127.9	133.1	168.4	91.6	35.9	46.3	62.4	63.8	29.9	51.8	90.6	122.4	1024.3
TOTAL IPP	127.9	133.1	168.4	91.6	35.9	56.4	76.0	64.5	30.5	62.7	97.9	138.6	1083.6
CEB Thermal Generation													
LAKVIJAYA1	157.3	163.3	180.8	175.0	175.4	169.7	28.9	175.4	169.6	173.0	167.4	175.4	5591.0
LAKVIJAYA2	180.8	163.3	180.8	175.0	175.4	169.7	175.4	175.4	169.6	0.0	0.0	175.4	
LAKVIJAYA3	180.8	163.3	180.8	175.0	175.4	28.0	175.4	175.4	169.6	173.0	167.4	175.4	
SAPU B	34.8	34.5	38.2	36.9	32.9	30.7	33.2	33.1	24.9	33.7	33.7	34.5	401.1
SAPU A	27.7	26.9	30.3	29.4	18.2	21.7	17.2	21.8	15.3	17.8	23.4	24.3	274.0
BARGE	35.4	32.7	36.2	35.0	30.6	29.9	32.6	33.4	27.7	31.0	30.3	33.6	388.3
Uthuru Jannanee	10.8	10.7	11.8	11.5	9.4	9.1	9.6	9.4	7.1	9.5	9.2	10.3	118.4
KCCP_Naptha	78.3	84.6	84.9	85.0	72.2	72.0	73.0	77.4	60.7	69.8	78.4	0.0	836.4
KCCP_Diesel	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
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	0.0
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	0.0
KCCPS 2	0.0	11.0	29.5	5.4	0.0	9.4	19.9	8.2	6.1	24.5	18.2	36.1	168.3
Dakanu Jananee	0.4	0.3	0.4	0.0	0.2	0.7	0.2	0.3	0.1	0.3	0.1	0.1	3.2
Matugama-CEB	0.5	0.3	0.4	0.0	0.2	1.2	1.2	0.3	0.1	0.3	0.1	0.7	5.3
Total CEB Thermal Generation	706.8	690.8	774.1	728.1	689.8	542.1	566.6	710.0	650.7	533.0	528.3	665.6	7785.9
Prospective Gen. / Energy shortfall													
Total Thermal Generation	834.7	824.0	942.5	819.7	725.6	598.5	642.5	774.6	681.2	595.7	626.2	804.2	8869.5
Hydro Gen Reqd.	353.3	275.2	305.8	356.6	454.2	471.7	525.2	346.1	357.0	525.0	486.9	323.0	4780.1
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	1417	1321	1518	1398	1507	1475	1534	1537	1464	1495	1424	1462	17553
Inflow	275.9	166.3	156.0	271.7	447.3	468.9	482.0	359.3	449.3	549.6	531.6	345.6	4503.4
Drawdown from reservoirs	-77.4	-108.9	-149.8	-84.9	-7.0	-2.8	-43.3	13.1	92.2	24.6	44.7	22.6	
STARTING STORAGE	1158	1081	972	822	737	730	727	684	697	789	814	859	
Month End Storage	1081	972	822	737	730	727	684	697	789	814	859	881	
% Storage	0.8	0.8	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.7	0.7	



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வளிமண்டலவியல் திணைக்களம்
Department of Meteorology

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No SF-2024-12

Seasonal, Monthly and weekly Rainfall Forecasts for December 2024-February 2025

Issued on 2nd December 2024 by Seasonal Forecasting Division of the Department of Meteorology, Sri Lanka.

This consensus Climate Outlook for December 2024 to February 2025 season over Sri Lanka has been developed through an expert assessment of the prevailing global climate conditions influencing the South Asian climate and seasonal forecasts from different climate models around the world. ENSO-neutral conditions are present. Equatorial sea surface temperatures (SSTs) are near-to-below-average in the central and eastern Pacific Ocean. La Niña is favored to emerge in October-December (57% chance) and is expected to persist through January-March 2025. The Indian Ocean Dipole (IOD) index for the week ending 24 November was -0.54 °C, having been below the negative IOD threshold (-0.4 °C) since mid-October. Careful consideration is also given to other regional and global factors as well as the intraseasonal variability of the region that can affect the rainfall and temperature patterns over the country.

Seasonal Rainfall Forecast for December–February 2024/25 (DJF)

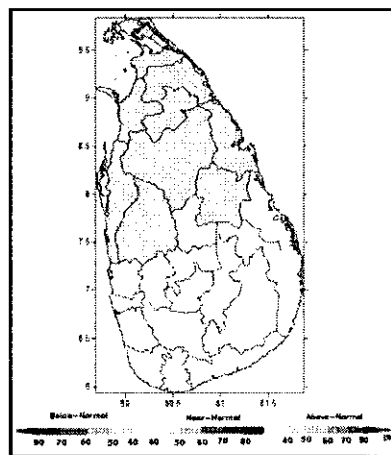


Fig 1: Consensus Probabilistic Monthly rainfall forecast for DJF 2024/25

There is a possibility for having near or slightly above normal rainfall over Northern, North-central and Northwestern provinces and in Trincomalee district and no signal for remaining areas of the country during DJF 2024/25 as a whole. In addition to that development of the

synoptic scale systems such as wavy type disturbances, lows, depressions and cyclones are also possible during the season particularly during December and January. If so rainfall can increase (Fig.01).

Monthly Rainfall Forecasts for December 2024, January and February 2025

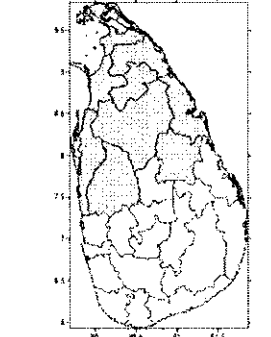
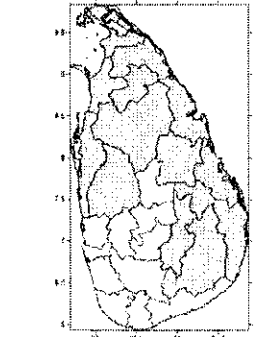
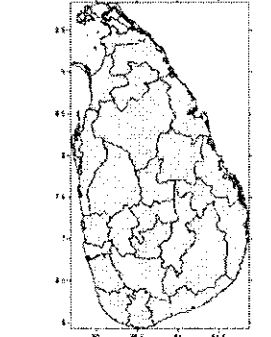
Month	Rainfall forecast
<p>December 2024</p> 	<p>There is a higher chance of having near or slightly above normal rainfalls over Northern, North-central and Northwestern provinces and in Trincomalee district and no signal for remaining areas during the month of December 2024. There is a possibility for developing atmospheric disturbances, such as wavy type disturbances, depressions and cyclones during the month. If so, rainfall will increase.</p>
<p>January 2025</p> 	<p>There is a possibility for near or slightly above normal rainfall over Northern, North-central, Northwestern, Eastern and Uva provinces and no signal for remaining areas during the month of January 2025. Development of the synoptic scale systems such as wavy type disturbances, low and depressions are also possible during the month. If so forecast can be deviated.</p>
<p>February 2025</p> 	<p>There is a possibility for near normal rainfall over most parts during the month of February 2025.</p>

Fig 2. Monthly rainfall forecasts for December, January and February 2024/25

(District wise normal (mean) rainfall values are indicated in annex -1)

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 phenomena which can't be underestimated.

Weekly Rainfall forecasts for the month of December 2024

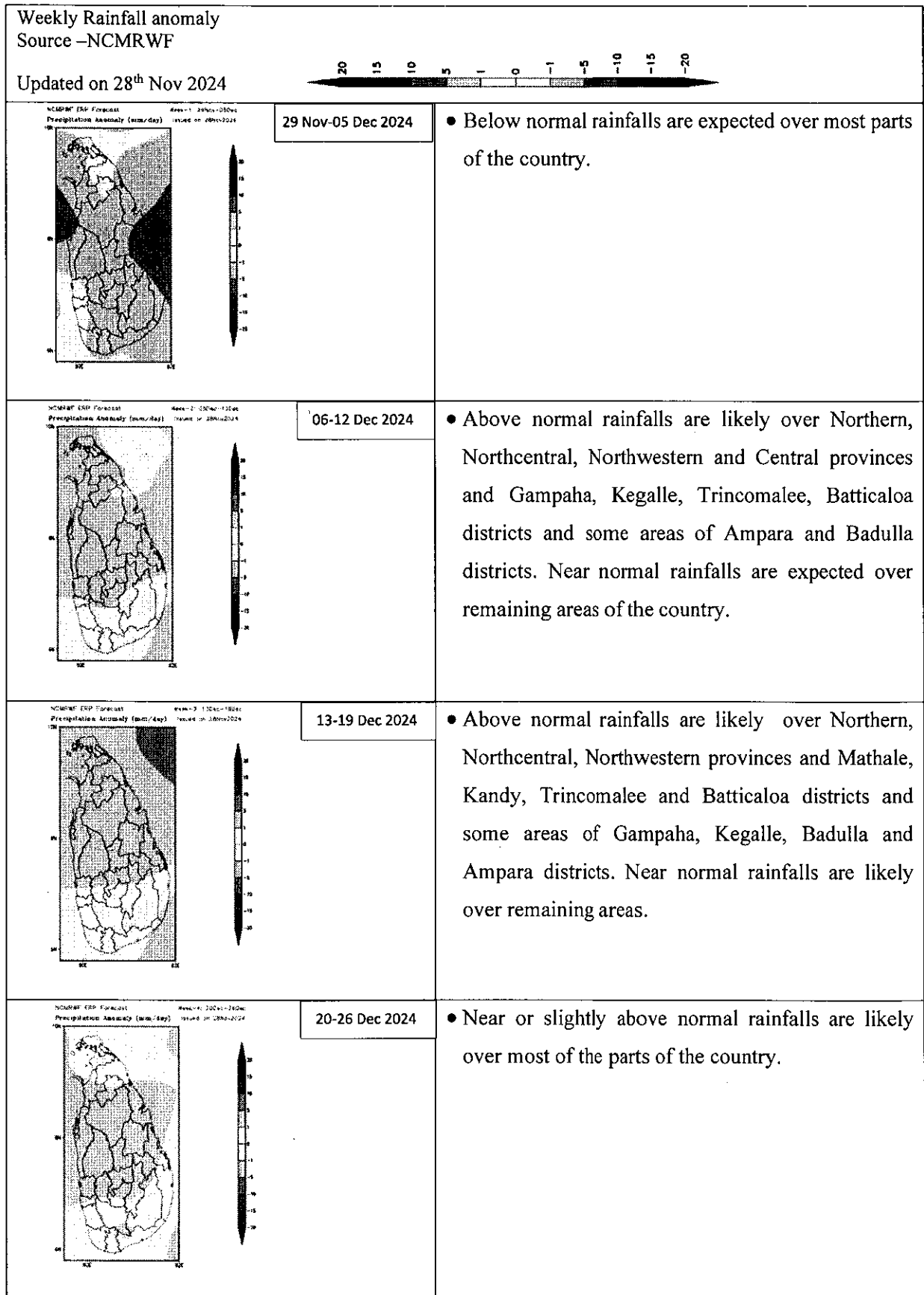


Fig 3: Weekly rainfall forecast for December 2024

Probabilistic Temperature Forecast for December 2024

The probabilistic Temperature forecasts in Sri Lanka for December 2024 as given below.



Fig 4:

Fig 5:

Figure 4 shows the Probabilistic forecast for Maximum Temperatures in Sri Lanka during December 2024. Accordingly, there is a chance of experience slightly above the normal Maximum(day) temperatures in Galle, Gampaha, Kurunegala, Hambantota, Rathnapura, Kandy, Ampara, Trincomalee and Batticaloa districts and below the normal Maximum temperatures in Mannar, Vavuniya, Anuradhapura and Colombo districts for the month of December 2024.

Figure 5 shows the Probabilistic forecasts for Minimum (night) Temperatures in Sri Lanka during December 2024. Accordingly, there is a chance of experience slightly above the normal Minimum Temperatures in Mannar, Vauniya, Anuradapura, Puttalam, Gampaha, Colombo, Galle, Hambantota, Rathnapura, Kandy, Ampara, and Batticaloa districts and below the normal Minimum temperatures in Trincomalee, Nuwara Eliya and Badulla districts for the month of December 2024.

Note: Temperature forecasts are not available for Kegalle, Matara, Matale, Mulative, Kilinochchi, Polonnaruwa, Monaragala, Jaffna, and Kalutara districts due to unavailability of long-term temperature observation data.

Observed rainfall anomaly during the month of November 2024

Observed rainfall anomaly during the month of November 2024 will be updated in the department web site by 4th December 2024.

http://meteo.gov.lk/index.php?option=com_content&view=article&id=78&Itemid=290&lang=en

Attention is needed for following areas

- More attention for the instructions and advisories issued by authorized agencies particularly related to extreme weather.
- There is a possibility for developing low pressure systems, wavy type disturbances, depressions and Cyclones during the season.

Annex-1

District wise mean (30 years (1981-2010) of average) rainfalls during the months of
December, January and February

District	Average rainfall- December(mm)	Average rainfall- January (mm)	Average rainfall- February(mm)
Colombo	171.3	103.7	86.4
Kalutara	232.9	143.5	114.5
Galle	221.6	134.5	109.2
Matara	192.7	114.3	109.4
Hambantota	144.0	81.7	54.8
Ampara	318.7	233.8	113.3
Batticaloa	371.1	209.4	115.0
Trincomalee	310.1	133.7	72.7
Mullaithivu	250.9	92.2	60.8
Jaffna	232.7	73.1	35.7
Killinochchi	240.3	82.5	51.0
Mannar	188.3	62.0	51.1
Puttalam	107.0	52.4	42.0
Gampaha	120.0	68.7	67.7
Kegalle	154.2	96.4	87.0
Ratnapura	218.7	129.4	121.9
Monaragala	221.2	149.9	83.9
Badulla	324.3	242.8	116.4
Pollonnaruwa	328.8	171.7	97.1
Vavuniya	225.2	87.3	54.3
Anuradapura	208.1	94.0	58.0
Kurunegala	122.0	67.2	50.0
Matale	340.3	233.7	115.7
Kandy	258.0	185.9	93.6
Nuwaraeliya	220.9	158.2	87.5

Table 01: 30 year Average (1981-2010) district wise rainfalls during the months of December, January and February

Table 01 shows the mean (30 year Average (1981-2010)) rainfalls during the months of December, January and February in each district.



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இலங்கை பெற்றோலியக் கூட்டுத்தாபனம்
CEYLON PETROLEUM CORPORATION

Our Ref: FD/DGM/2024/02/CEB

05 Dec 2024

General Manager
Ceylon Electricity Board
No 50, Sir Chittampalam A Gardiner Mawatha,
Colombo 01
Dear Sir,

Request for Fuel Price Forecast

We refer to your letter, Ref CEB/GM/CL3/08 Vol II, dated 04/12/2024, regarding the above subject. As requested, please find below the forecasted Fuel prices for the first half of 2025.

Product	Forecasted Price (Rs/Ltr.)
Fuel Oil	179.00
Naphtha	146.00
LAD	275.00

Please note that the above forecast is based on the following key assumptions:

1. The current crude oil forecast for the year 2025 has been considered.
2. An appreciation trend of the LKR against the USD is anticipated during 2025.
3. Naphtha will be exempt from VAT.
4. Only the cost to CPC has been considered.
5. CEB will consistently purchase the product throughout the specified period.

Kindly note that the forecasted prices may vary based on actual outcomes relative to these assumptions.

Yours faithfully,


Dr. Mayura Neththikumarage
Managing Director



Actual Bulk Supply Tariff January - June 2024

Capacity Charge

Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	
Capacity Charge	Generation capacity	SLR/MW	1,615,902.65	1,837,583.69	2,222,510.09	1,806,335.34	1,637,587.11	1,337,374.43
	Transmission	SLR/MW	694,802.73	681,353.33	653,524.04	694,185.92	670,248.38	589,381.44
	Bulk Supply Service	SLR/MW	906,873.70	887,775.52	756,126.74	596,984.40	615,857.82	1,377,788.47
BST (C)	SLR/MW	3,217,579.08	3,406,712.54	3,632,160.88	3,097,505.66	2,923,693.31	3,304,544.34	

BST (C)	SLR/MW	3,267,001.00
6-Month Weighed average		

Energy Charge

Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Block 1	Transmission Loss Factor B1	%	3.40%	3.40%	3.40%	3.40%	3.40%
	Generation energy Cost B1	SLR/kWh	13.27	19.71	24.76	24.96	20.59
	BST (E1)	SLR/kWh	13.72	20.38	25.60	25.81	21.29
Block 2	Transmission Loss Factor B2	%	4.34%	4.34%	4.34%	4.34%	4.34%
	Generation energy Cost B2	SLR/kWh	17.25	25.62	32.19	32.45	26.77
	BST (E2)	SLR/kWh	18.00	26.73	33.58	33.86	27.93
Block 3	Transmission Loss Factor B3	%	4.34%	4.34%	4.34%	4.34%	4.34%
	Generation energy Cost B3	SLR/kWh	7.96	11.83	14.85	14.98	12.35
	BST (E3)	SLR/kWh	8.31	12.34	15.50	15.63	8.03

BST (E1)	SLR/kWh	20.14
6-Month Weighed average		
BST (E2)	SLR/kWh	26.42
6-Month Weighed average		
BST (E3)	SLR/kWh	12.19
6-Month Weighed average		

E1 - Day
E2 - peak
E3 - off peak

Capacity Payment

Plant\Month	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Mahawell	Mn. SLR	286	238	243	952	325	247
Laxapana	Mn. SLR	170	249	267	373	437	312
Samanala	Mn. SLR	125	231	153	182	188	141
Mannar Wind	Mn. SLR	37	41	2,536	370	47	89
DSP1	Mn. SLR	33	153	116	68	149	102
DSP2	Mn. SLR	34	158	119	70	153	90
GT16	Mn. SLR	23	19	19	28	21	19
GT07	Mn. SLR	41	35	31	42	34	33
CCKP	Mn. SLR	85	408	45	114	46	64
CCKP 02	Mn. SLR	42	50	26	33	29	27
CPUT	Mn. SLR	681	829	1,422	1,688	1,374	814
DNCHU	Mn. SLR	18	21	25	25	446	68
Island Gen	Mn. SLR	5	7	8	12	23	11
BARGE	Mn. SLR	18	21	17	26	21	20
30MW Hambantota	Mn. SLR	18	22	13	15	15	29
20MW Mathugama	Mn. SLR	10	15	9	10	10	19
CCKW	Mn. SLR	1,544	1,237	-5	0	316	792
SGPS (93MW)	Mn. SLR	0	0	0	0	0	0
DEMB	Mn. SLR	127	154	23	0	0	0
DMAT	Mn. SLR	38	16	0	0	0	0
Sobadhanavi	Mn. SLR	0	0	0	0	0	0
RENW	Mn. SLR	0	0	0	0	0	0
TOTAL	Mn. SLR	3,334.76	3,903.14	5,066.38	4,007.20	3,635.48	2,878.78
Depreciation	Mn. SLR						
ROE	Mn. SLR						
Generation Capacity cost	Mn. SLR	3,334.76	3,903.14	5,066.38	4,007.20	3,635.48	2,878.78

1,626.0 2,496.7 5,048.4 4,007.4 3,319.3 2,086.9

Generation Capacity cost

	Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Generation Capacity cost	SLR/MW	1,615,902.65	1,837,583.69	2,222,510.09	1,806,335.34	1,637,587.11	1,337,374.43

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	629.7	305.9	323.4	379.7	399.3	468.5
	SLR/kWh						
Laxapana	GWh						
	SLR/kWh						
Samanala	GWh						
	SLR/kWh						
Mananr wind	GWh	21.66	22.04	10.60	8.12	29.84	61.60
	SLR/kWh						
DSP1	GWh	11.4	27.6	37.7	30.7	14.3	0.0
	SLR/kWh	61.64	38.35	48.94	49.10	48.57	0.00
DSP2	GWh	15.3	31.3	34.3	35.8	29.6	18.7
	SLR/kWh	48.99	36.40	45.04	45.01	41.57	41.43
GT16	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
GT07	GWh	0.0	0.0	0.0	0.0	15.5	0.0
	SLR/kWh	0.00	0.00	0.00	109.11	129.04	0.00
CCKP	GWh	0.3	4.9	103.8	73.7	71.7	0.0
	SLR/kWh	100.40	49.55	56.14	62.50	56.61	0.00
KCCP 2	GWh	0.0	0.0	0.5	32.5	39.81	0.0
	SLR/kWh	0.00	0.00	218.55	82.59	78.22	0.00
CPUT	GWh	321.5	556.1	596.4	484.7	517.7	468.2
	SLR/kWh	20.93	21.16	21.59	21.11	20.83	19.38
DNCHU	GWh	4.7	8.6	11.2	10.0	7.1	3.9
	SLR/kWh	50.33	38.06	40.63	41.81	47.26	96.94
Island Gen	GWh	0.223	0.213	0.228	0.253	0.239	0.251
	SLR/kWh	108.70	114.11	114.57	114.81	111.40	105.09
BARGE	GWh	25.4	28.5	32.7	37.9	24.9	15.3
	SLR/kWh	49.1	33.6	46.2	46.4	42.7	43.5
30MW Hambantota	GWh	0.0	0.0	0.0	2.6	2.9	0.0
	SLR/kWh	0.00	0.00	0.00	102.71	97.05	412.97
20MW Mathugama	GWh	0.0	0.0	0.0	1.9	1.652	0.0
	SLR/kWh	691.37	0.00	0.00	104.02	103.54	752.85
DMAT	GWh	1.198	1.891	0.000	0.000	0.000	0.000
	SLR/kWh	63.359	45.808	0.000	0.000	0.000	0.000
DEMB	GWh	2.592	16.526	2.725	0.000	0.000	0.000
	SLR/kWh	66.217	51.572	57.955	0.000	0.000	0.000
CCKW	GWh	41.857	103.580	160.725	76.400	0.000	8.309
	SLR/kWh	56.002	42.151	49.029	49.172	0.000	56.163
SGPS (93MW)	GWh	0.000	0.000	0.000	0.000	0.000	0.000
	SLR/kWh	0.000	0.000	0.000	0.000	0.000	0.000
Sobadhanavi	GWh	0.000	0.000	0.000	0.000	10.321	7.221
	SLR/kWh	0.000	0.000	0.000	0.000	0.000	0.000
RENEW	GWh	195.4	144.2	83.1	98.2	227.2	234.1
	SLR/kWh	17.78	18.91	14.61	18.90	15.93	16.00
Solar Rooftop Generation	GWh	53.2	62.1	68.3	72.4	62.8	59.8
	SLR/kWh	23.65	25.06	25.67	26.66	26.66	26.66
TOTAL generated energy	GWh	1,324.38	1,313.50	1,465.64	1,364.91	1,454.87	1,345.93
Energy Cost	SLR	17,048,274,207	25,108,424,109	35,194,447,105	33,049,028,195	29,051,978,939	16,741,993,881
Energy Cost	SLR Million	17,048	25,108	35,194	33,049	29,052	16,742
		17,048	25,108	35,194	33,049	29,052	16,742

Total Energy cost for six-months	LKR Million	156,194.15
Total energy dispatch for six-months	GWh	8,269.23
Six-month average energy cost	LKR/kWh	18.89
loss adjusted six-month average energy cost	LKR/kWh	19.54

