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.

## OFFICE OF THE GENERAL MANAGER



Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 (Provi sional)	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

## OFFICE OF THE GENERAL MANAGER

## 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.





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CamScanner

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 31<sup>st</sup> 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 EDECTRICITY BOARD

Eng. (Dr.) Narendra De Silva

Actg. General Manager Ceylon Electricity Board

OFFICE OF THE GENERAL MANAGER



## Copy to.

1.	Secretary to the Treasury	- fi & na pl.
2.	Chairman, PUCSL	- fi & na pl.
3.	Ms. Chatlmrika 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.
б.	Chairman, CEB	- fi pl.
7.	Addl. GM (CS)	- fi pl.
8.	FM, CEB	- fi pl.



					EXISTING	TADIES					PROPOS	ED TARIFF			
EffECTIVE (for each 3		ing period)			2023-						2024	1-02-01			
DOMESTIC				Ch In.	a)	-		2000	- Inere	y Charge (Rs	/kWh)	Fine	d Charge (Rs	L/mth)	
	0 604	Wh per month	Energy	Charge (Rs	/KWN)	Fixed	Charge (Rs.	Aurent	Circis.	h-limb habita			2//		
Block 1:0		evin per month		12.00			180.00			11.00			165.00		
Block 2:33				30.00			360.00			27.50			330.00		
Consumpti	on sumption above 60 kWh per month			1,1,20,1									****		
Block 1:0	ock 1 : 0 - 60 kWh			38.00	3.8		N/A 37.00				N/A 455.00				
	lock 2 : 61 - 90 kWh			41.00			480.00			39.00		-	1,120.00	_	
	1 - 120 kW			59.00			1,180.00			56.00			1,700 00		
Block 4: 12	21 – 180 kV 81 kWh an	Wh d shows		59 00 89 00	_		1,770.00			85.50			2,270.00	_	
Ontional T	ime of Use	(ToU) Electricity Tariff for Do	m. Consum	69.00			2,360.00		-	63.30	= = =				
	- 18:30 hr			83.00						79.75					
Peak (18.3	0-22:30 h	irs)		106.00			2,360.00		57.5	102.00			2,270.00		
Off Peak (2	22.30 - 05	30 hrs)		35.00					E A	33.75					
RELIGIOUS	& CHARIT	ABLE INSTITUTIONS													
		kWh per month								27.00			166.00		
Block 1:0				12.00			180.00			11.00			165.00 275.00		
	1 - 90 kWh			24.00	_		300.00	_		39.00	_		670.00		
Block 3:91 - 120 kWh Block 4:121 - 180 kWh			41.00 53.00	-		710.00	-		51.00			1,700.00			
	Block 5: 181 kWh and above			59.00			2,360.00			56.75			2,270.00		
			- 50					Purpose /		AUG		tel	General	Purpose /	
OTHER CONSUMER CATEGORIES		Indu	strial	Ho	tel	1000	nment	Indu	strial	, mc	Kei	13 THE STATE OF	mment		
Volume differentiated monthly consumption		IP 1-1 (≤ 300 kWh/mth)	IP 1-2 (> 300 kWh/mth)	H 1-1 (s 180 kWh/mth)	H 1-2 (> 180 kWh/mth)	1(≤ 180	GP/GV 1-2 (> 180 kWh/mth)	(\$ 300	iP 1-2 (> 300 kWh/mth)	H 1-1 (s 180 kWh/mth)	H 1-2 (> 180 kWh/mth)	GP/GV 1-1 (s 180 kWh/mth)	GP/GV 1-1 (> 180 kWh/mth		
Rate 1 Supply at 400/230 V	Energy Ch	earge (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	
Contract demand co 42 kVA	Fixed Cha	rge (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	Energy	Day (05:30 - 18:30 hrs)	38	.00	38	.00	58	.00	36.40 36		5.40 56.90		6.90		
Supply at	Charge	Peak (18:30 - 22:30 hrs)	41	.00	41	.00	68	.00			39	.40	6	6.70	
400/230 V	(Rs./kW)	Off Peak (22:30 - 05:30 hrs)	32	.00	32	.00	48	.00	30	.80	30	80	4	7.10	
Contract demand >	Demand (	Charge (Rs./kVA)		1.80	00.00			00.00		1,72	0.00	0=	19	60.00	
42 kVA	Fixed Cha	rge (Rs./mth)		30,000	00.00		200	00.00		5,36			1500	80.00	
	Energy	Day (05:30 - 18:30 hrs)	37	.00	1000	.00		00	35	40		40		5.90	
Rate 3	Charge	Peak (18:30 - 22:30 hrs)		.00	7 200	.00		.00		40	38	270		5.70	
Supply at	(Rs./kW)	Off Peak (22:30 - 05:30 hrs)		.00	200	.00		.00		.80	29	Sell Control		6.10	
11 kV &	Demand (	Charge (Rs./kVA)		PAT 1650	10.00		0.4000	50.00	-	1000	0.00		10/10	25.00	
above		rge (Rs./mth)		- 27.50	20,000		97000	00.00		500,000	0.00		77 1900	255-1010	
STREET LIC	Andrew Allendary			3,60	00.00		0,20	0.00	_	3,30	0.00		0,0	80.00	
Street Ligh	The second secon	Wh)			56.	.00					55	5.00			
EV CHARG	ING OF CE	B CHARGING STATIONS	DC Fast	Charging (R	s./kWh)	Level :	2 AC Ch. (Rs.	./kWh)	DC Fast	Charging (R	s./kWh)	Level	2 AC Ch. (R:	s./kWh)	
THE REAL PROPERTY.	- 18:30 h			109.00			87.00			107.00	- 0		85.00		
	0 - 22:30			139 00			112.00			135.00			110.00		
	22.30 - 05			66.00			50.00	1990	50000	65.00	(2)15V/A/	350	49.00	171	
	AGRICULTURE - Optional Time of Use (ToU) Electricity Tariff		Energy	Charge (Rs.	/kWh)	Fixed	Charge (Rs.,	/mth)	Energy	Charge (Rs	/kWh)	Fixe	d Charge (Rs	/mth)	
AGRICULT!	Tariff		Enc. 81		4.000										
AGRICULT	Tariff oply at	Day (05:30 – 18:30 hrs) Peak (18:30 – 22:30 hrs)	Enc.	38.00 41.00	4-11-9		1,120.00			36.40 39.40		1	1,070.00		

# 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

Capacity Charge

Month		Unit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Capacity Charge					Company of the Compan			
11 11 15 15 15 15 15 15 15 15 15 15 15 1	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)	5 3 - CO 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	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)	SI D / MINI	7 224 400 06	
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	21.95	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		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

			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
ССКР	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	51.5	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	1,133.5
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



	2007						
arapana	GWh						
	SLR/kWh						
amanala.	SLR/kWh				4.998	37,370	51.197
ANNO CATAL	GWh	17.691	18.260	10.594	4.990	21.5.0	50000
Manant wind	SLR/WWh			28.480	27.041	16,442	22.578
200	GWh	2.762	20.798	55.52	55.84	59.95	57.10
DSP1	SLRVIWA	111.87	\$7.75 34.474	38.167	36.936	27.852	36,936
DSP2	GWh	38.167	49,93	49.49	49,63	51.02	49.63
0371	SLAVNWA	49,49	0.000	0.000	0.000	0.000	0.000
GT16	GWh	0.000	0.00	0.00	0.00	0.00	0.00
0110	SLR/AWN	0.0	0.0	0.0	0.0	0.0	0.00
GT07	GWh	0.00	0.00	0.00	0.00	52.7	67.5
Table 1/1	SLR/AWN	67.5	67,5	67.5	67.5	46.66	46.14
CCKP	SLR/AWN	45.94	45.45	45.94	46.14	3.1	2.7
	GIVI	0.0	0,0	0.0	0.0	119.92	133.70
CCKP 02	SLA/NWh	0.00	0.00	0.00	507.4	493.5	338.3
201010	GWN	466.6	473.6	524.3	23.73	23.69	24 46
CPUT	SLR/MWh	23.79	23.85	23.59	9.7	5.6	9,0
	GWh	11.1	10.7	11.8	50.65	53.17	50.91
DNCHU	SLR/NWN	50.20	50.32	50.02	0.2	0.2	0.7
Island Gen	GWh	0.20	0.20	0.2	115.87	115.87	115.87
Island Gen	SLR/WW	115.87	115.87	115.87	34.7	21.5	33.0
BARGE	GWh	36.2	32.7	50.3	50.5	53.0	50.7
PARIOL	SLEVNIN	0.000	0.000	0.000	0.000	0.164	0.000
30MW Hambantota	GWh	0.00	0.00	0.00	0.00	118 90	0.00
READ TO THE PROPERTY OF THE PARTY OF THE PAR	5LR/kWh	0.000	0.000	0.000	0.000	0.065	0.000
20MW Mathupama	SLR/RWh	0.00	0.00	0.00	0.00	134.26	0.00
	GWh	11.7	39.7	96.8	73.9	0.0	55 07
CCKW	SLR/kWh	69.24	57.79	54.96	55.57	9.17	17.43
V21-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	GWh	0.00	0.00	7.26	1.30	56.79	55.62
SGPS (100MW)	SLR/KWN	0.00	0.00	57.44	71.70	0.0	0.0
	GWh	0.4	1.2	0.0	0.0	0.00	0.00
DEMB	SLR/WWN	141.9	86,36	0.00	0.000	0.000	0.000
DMAT	GWh	0.3	0.605	0.000	0.000	0.000	0.000
DMAT	SLR/kWh	80.92	68.693	0.000	0.00	0.00	0.00
Sobadhanavi	GWh	0.00	0.00	0.00	0.00	0.00	0.00
3003011411	SLR/kWh	0.00	79.491	124.134	98.296	168.030	226.881
RENW	GWh	88.310	22.55	21.43	21.73	20.63	20.4
	SLR/kWh	73.448	73.519	80.238	70.715	68,757	65.04
Solar Rooftop Generation	GWh SLR/kWh	24.92	24.92	24.92	24 92	24.92	24.9
TOTAL generated energy	GWh	1,292.771	1,203.980	1,385.140	1,276.560	1,378.230	1,349.160
English Court	SLA I	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	134	13,770,900,764	* 3/330/330/239			Tanti ta Shayes	
Energy Cost	ISLR Million	23,479	25,639	31,771	28,963	24,152	30,498
					26,863	24,152	30,498

Total Energy cost for six- months	LKR Million	164,401.771
Total energy dispatch for six months	7.76.74	7,885.841
Six-month average energy cost	LKR/kWh	20.85
loss adjusted six-month average energy-cost	LKRAWN	21.59

83,513 80,889

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.

	Day	Peak	Offpeak
TOU Factors	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 * BSOB allowed revenue *	Mn. SLR Mn. SLR	933 119	933 119	933 119	933 119	933 119	933 119
BSOBWK allowance (additional finance cost re	equired to cover the	potential gap as per cla	iuse 2.4.3 in Tariff Me	thodology)		CONTRACTOR OF STREET	
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		
ease Interest Account	Mn, SLR	16.449	16,449	16.449	16,449	16.449	16,449
pelayed 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	25	28	27
Total forecasted energy supplied	GWh	750	698	803	740	799	783
Forecasted TLF	G/O	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	e%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%

### Block 3

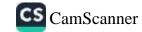
Month	Unit	Jan-24	Feb-24	Har-24	Apr-24	May-24	Jun-24
Forecasted transmission losses	GWh	7	7	8	7	8	7
Total forecasted energy supplied	GWh	288	268	309	285	307	301
Forecasted TLF	%	2.49%	2.49%	2,49%	2.49%	2.49%	2.49%

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 Tanif (BSS)	SLR	2,142,126,478.33	2,076,455,733.58				

avo tx loss factor	%	3.49%
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### Notes

Transmission Loss is taken as 3.42% according to Loss Calculation Prepared by C5 as at May 03, 2023



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)	A 115 (A 15 - 15 - 15 - 15 - 15 - 15 - 15 - 15	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)	2.2	
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	4.1.						
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	9/6	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	253.3	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
СРИТ	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
сски	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

Commention	Conneitu	
Generation	Capacity	COST

	Unit	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Congration Canacity 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



Plant\ Month	Unit	Jul-24	ay price and Energy of	Sep-24	Oct-24	Nov-24	Dec-24
Mahawell	SLR/AWA	462.364	117.915	349.805	112 541	18 17	PS.9-291
Lavapana	GWN SLR/NWN						
Samenela	SLR/NWA					12.460	18 190
Mananr wind	GWA SLR/NWA	45.596	44.400	42.214	18,611	29.376	23.425
DSP1	GWh SLR/NWh	23.017 56.95	22.294 57.19	13.185 62.54	55.14	55.33	56.82 35.792
DSP2	GWh SLR/kWh	34.987	38,167	28 856 50,82	38.167 49.49	36.936 49.63	49.77
ens.	SLAVAWN	0.000	0.000	0.000	0.000	0.000	0.00
GTO?	SLR/NWA	0.00	0.0	0.0	0.00	0.00	9.00
CCKP	SLR/KWh	64.5	67.5 46,46	54.9 46.19	47.14	70.7 47.90	61.7 46.26
CCK5 05	SLA/NWA	93.21	0.0	0.0	122.15	32.4 82.92	30.4 83.85
CPUT	SLR/kWh	349.5	524.3 23.67	451.6 23.85	349.5 24.52	336.J 24.45	349.5 24.40
DNCHU	GWH SLR/WWH	51.57	10.0 50.53	6.5 52.37	10.4 50.40	11.5 50.11	9.6 50.70
Island Gen	GWh SER/NWh	0.70 115.67	0.20 115.87	115.07	115.87	115.87	0.2 115.67
BARGE	GWN SLEAWN	31.1 51.0	36.2 50.3	25.4 52.0	34.1 50.5	33.0 50.7	34.1 50.5
30MW Hambantota	GWh SLR/AWh	0.743	0.000	0.000	0.000	0.000	2,351 100.97
20MW Mathugama	GWh SLR/RWh	0.345	0.00	0.000	0.000	0.000	9.000
cckw	GWh SLR/RWh	97.2 54.95	36.7 57.92	46.4 57.10	152.1 54.24	123.4 54.48	121.9 54.96
SGPS (100MW)	GWA SLR/AWA	16.03	0.00	0.00	31.34 55.05	42,35 54,86	35.75 54 94
DEMB	GWH SLR/NWH	0.0	0.0	0.0	0.0	0.0	0.0
DMAT	SLR/kWh	0.0	0.000	0.000	0.000	0.000	0.000
Sobadhanavi	GWH SLR/kWH	5.47	0.00	0.00	0.00	0.00	0.00
RENW	GWh SLR/kWh	181.063	232.121	240.622 20.12	221.420 20.01	181.511	193.14
Solar Rooftop Generation	GWN SLR/kWn	73.476	73.367 24.92	77.172 24.92	73.772 24.92	65.260 24.92	67.610 24.93
TOTAL generated energy	GWh	1,401.730	1,405.240	1,336.840	1,365.860	1,302.500	1,337.350
Energy Cost	SIR I	28,389,643,352	29,845,035,047	26,695,652,106	34,340,097,571	34,385,045,266	33,722,226,193
Energy Cost	SLA Million	28 190	29,846		34,340	34,395	33.722
		28,390	29,846	26,695 26,695	34,340	34,385	33.722

Total Energy cost for six- months	1011421630000000	187,378.70
Total energy dispatch for six months	20000	8,149.520
Six-month average energy cost	LKR/kWh	22.99
loss adjusted six-month average energy cost	LKK/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.

TOULENAME	Day	Peak	Offpeak
TOU Factors	50.00	36 75	27

## 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 * BSOB allowed revenue *	Mn. SLR Mn. SLR	933 119	933 119	933	933 119	933 119	933 119
BSOBWK allowance (additional finance cost re	equired to cover the	potential gap as per cla	use 2.4.3 in Tariff Met	hodology)			
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	516.57
Debenture Interest Account	Mn. SLR	- 1					
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	775
Forecasted TLF	9/6	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	GWn	12	12	12	12	12	12
Total forecasted energy supplied	GWh	276	277	263	269	257	263
Forecasted TLF	9/0	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	B	7	8	7	7
Total forecasted energy supplied	GWh	313	313	298	305	290	298
Forecasted TLF	9/0	2.49%	2.49%	2.49%	2.49%	2.49%	2,49%

Capacity Transmission tariff (TR)	ISLR	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	1,419.882,700.25	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										Tana a	1		Total	Factor
	Inn	Feb	Mar	Apr	May	Jun	lut	Aug	Sep	Oct		-	15634	-
	1346.4	1258.2	1445.1	1334.5	1433.4	1390.0	1443.7			1408.2		1379.2	1003	_
otal Gross Generation	53.8	54.4	60.1	58.1	55.3	41.0	42.2		50.9			1337.2	15033	0
uxilary Consumption	1292.6	1203.8	1384.9	1276.4	1378.0	1349.0	1401.5		-					-
otal Net Generation	41.7	41.5	44.7	42.5	44.5	45.0	45		-			278.9	3219.0	
otal Net Generation/day	179.4	171.3	215.0	174.0	274.2	343.1	300.	1 349.9		-			20.0	
VCRE Generation	0.0	0.0		-	0.0	0.0	0.1	0.0	0.0	-			366	
self Generation	_			1000000		30.0	31.	0 31.0	30.0	_	-		300	
No. of days	31.0	29.0			1103.9	1005.8	1101	4 1055.1	976.6	1051.9				_
Seneration (Centrally dispatch)	1113.2	1032.5	1170.0		-	33.5	35.	-	32.6	33.9	34.2	34.1		-
legd. Generation/day(Centraly)	35.9	35.6	37.7	30,7	33.0	33.5	-							1%
PP Thermal Generation				0.0	0.0	0.0	5.	5 0.0	0.0	0.0				39%
obadanavi	0.0	0.0							46.4	152.1		1000	-	39%
WCPP	11.7	39.7			1				-	0.0				1%
ACE Matara	0.3	0.6		_	_	-		-	_	0.0				15%
ACE Embilipitiya	0.4									31.3	42.4		150.6	15%
Supplentary Power 100MW	0.0		_	_	_	-	_	-		183.4	165.7	157.7	1083.8	_
TOTAL IPP	12.5	41.5	104.	0 75.	2 9.4	130.	140.	-						
CEB Thermal Generation						169	174	8 174.	8 113	0.0	0.0			61.2X
LAKVUAYA1	155.3			_	_		-		-		169.1		5166.3	_
LAKVUAYA2	174.8		<del></del>		_			-	-	-	169.1			77.3%
LAKVUAYA3	136.5	157.					-	-	-		36.9	35.2		67%
SAPU B	38.2			_	_	-	-		-	_	29.4	23.4		46%
SAPU A	2.8						•	-		_	33.0	34.1		75%
BARGE	36.2						-	.7 10			4 11.5	9.6		56%
Uthuru Jannanee	11.		_					5 67	-	_	5 67.5	61.7		55%
KCCP Naptha	67.		_			-		0.0 0			9 3.2	0.0		
KCCP Diesel	0.						-	-	0 0		0 0.0	0.0		0%
GT7	0.	-	-			_			0 0		0 0.	0 00		0%
SMALL_GT	0.	-				-			0 0		4 32	4 30.4		6%
KCCPS 2	0.			-	.0 3				0 0		0 0	0 24		2%
Dakanu Jananee	0.	0 0		10	.0 0				0 0	-	0 0.	ol oc		0%
Matugama-CEB	0.	0 0			0.0		-	_	-	-	-		7215.7	
Total CEB Thermal Generation	622.	3 639	.7 706	.5 683	.3 621	.0 510	.1 520	0.3 698	3 300	7			2050.4	
	-						3		M	1		9 704	8300.4	
Prospective Gen. / Energy shortfall	634.	9 681	.2 810	0.5 758	3.5 630	.2 640	.7 63	9.0 737	_			-		
Total Thermal Generation	478			9.5 343	3.8 473	.7 365		2.4 317		_				_
Hydro Gen Reqd.		10		0.0	0.0	2.00	-		3.0					_
Deficit		.0		4.9 127	6.4 1378									
Total Net Generation excluding defici	315	-	-	8.4 22	5.3 45		-	1.2 38				-		1
Inflow	-163	-	-	1.0 -11	8.5 -2				0.0	9.5 101		23 90		1
Drawdown from reservoirs	125			50 7	759 6					-		05 97	_	
STARTING STORAGE		30	0.		540 E							95	5	
Month End Storage	10	0,	20		0.5	0.5	0.5	0.5	0.6	0.6	0.7			-111