



Your ref:

My ref: DGM(CS&RA)/TRF/Trf. 2023

Date: September 04, 2023

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

Dear Sir,

Present Financial Situation of CEB: Post Implications of Tariff Revision July – December 2023

This has reference to the following letters on the Electricity Tariff Revision July – December 2023.

1. My even number letter dated 2023-07-21 on CEB comments for the PUCSL Decision on Electricity Tariff Revision July to December 2023.
2. PUCSL letter no. PUC/E/Tariff/01 dated 2023-06-30.
3. Presentation made by the General Manager, CEB at the Stakeholder Consultation on the 2nd proposed Tariff Revision 2023 held on 2023-06-27.
4. My even number letter dated 2023-06-22 on CEB comments for the consultation document for revision of electricity tariffs – July 2023.
5. My even number letter dated 2023-05-15 on Electricity Tariff Revision July – December 2023.

As you are aware, for the July to December 2023 tariff revision, CEB has proposed a 3.15% reduction of tariff, however, PUCSL reduced the tariff by about 14.2% curtailing a considerable amount of allowed expenditure (approximately Rs. 33 billion) for the operations of the CEB for the year 2023. CEB has reviewed the financial performance for the first six months of the operation based on actual data and forecasted the financial performance for the second six months of the year based on current ecosystems.

A detailed description of the above review is given below.

1.0 The depleted hydropower generation

It is noted that the severe drought weather condition that prevailed in the country has resulted in a significant reduction in hydropower generation. According to the Meteorological Department's prediction publication regarding Rainfall Forecasts for August-October 2023 issued on 2023-08-07 the same weather pattern will continue for the months of September to mid-October despite intermittent showers.

As per the available generation data, the hydropower generation up to 31st August 2023 is only 2,292 GWh (using initial hydro storage as well) while only 1,664 GWh of hydro inflows has been received

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from the catchments of major hydro reservoirs to date. As per the aforementioned weather forecast, it can be expected that the maximum hydropower generation during the year 2023 could be around 3,750 GWh.

CEB has predicted this dry weather condition and informed the Commission in advance through the written submissions for the stakeholder consultation of July tariff revision by our even number letter dated 2023-06-22 (please refer to the last paragraph of page no. 3 of the letter) and highlighted the same in the oral presentation held on 2023-06-27 at the BMICH.

2.0 Increased Electricity Demand

The average gross energy generation per day from 01st January 2023 to the end of July 2023 is 44.16 GWh. The average gross energy generation for the month of August is 48.61 GWh. Accordingly, the average gross energy demand in the country would increase more than 43.5 GWh per day. The increased demand has to be met from thermal power generation by incurring additional costs.

3.0 The necessity for additional expenditure for power generation to meet the demand

Taking into account the aforementioned factors given in Items 1.0 and 2.0 above, CEB has revised the generation dispatch schedule for the coming months which is given in Annex II. This was developed using the Stochastic Dual Dynamic Program assuming the major hydro power generation of 3,750 GWh and the average gross generation of 44.4 GWh per day for the year 2023. The Bulk Supply Tariff (BST) July – December 2023 submission has been revised with the new dispatch, demand, fuel prices and exchange rate. The revised BST filing for the July – December 2023 is resubmitted herewith as Annex III. Based on the aforementioned dispatch and BST resubmission, the budgeted Profit and Loss statement for the year 2023 has been revised and attached herewith as Annex IV.

The total projected revenue anticipated from electricity sales for CEB customers (including LECO bulk) amounts to Rs. 600.67 billion (with other income of CEB it is Rs. 612.74 billion). Based on the revised generation dispatch, the aggregate expenditure for the year has been adjusted to Rs. 645.25 billion. Consequently, a deficit in revenue of Rs. 32.51 billion is anticipated by the end of the year 2023 (with other income), should the existing End User Electricity Tariff rates persist.

This anticipated loss of Rs. 33 billion was previously foreseen and communicated to the Commission by CEB, via my even number dated 2023-07-21 on CEB's comments for the PUCSL's decision regarding the Electricity Tariff revision for the period of July to December 2023.

In addition, the CEB has developed a worst-case scenario, estimating a total of 3,500 GWh from major hydro generation. As per this scenario, the expected total expenditure is Rs. 667.13 billion, resulting in a revenue deficit of Rs. 54.39 billion (with other income). Please find Annex V, which includes the BST working for July to December 2023, encompassing the respective generation dispatch schedule. Furthermore, Annex VI contains the Profit and Loss statement for the same period, reflecting the anticipated outcomes under the 3,500 GWh hydro generation scenario.

4.0 The necessity to adhere to the General Policy Guidelines for the Electricity Industry of the Government and Section 30(4) of the SLEA, No. 20 of 2009 (as amended)

We wish to bring to the Commission's attention that in accordance with the General Policy Guideline for the Electricity Industry issued by the Government, it is stipulated that End User Electricity Tariffs should be cost reflective and the Treasury does not subsidize the operations of the CEB anymore. It is also necessary to ensure 24x7 power supply in the country. Moreover, the IMF program for the Extended

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Fund Facility for Sri Lanka envisages that CEB should break even in its operations by the end of the year 2023.

Further, Section 30(4) of the Sri Lanka Electricity Act (SLEA), No. 20 of 2009 (as amended) depicted the following.

Quote:

“(4) Notwithstanding any other provision of this Act, the Commission may —
a) *upon being satisfied of the adequacy of funds being provided by the Treasury to bear the cost of any subsidy approved by the Government to subsidize consumers; and*
b) *considering any cross-subsidy recoverable from such categories of consumers as determined by the Commission,*
set tariffs and charges to be levied by the licensee, which reflects such subsidies.”

Unquote:

Giving due concern to the facts highlighted in Items 1.0, 2.0, 3.0 and 4.0 above, CEB earnestly requests the Commission to take appropriate actions with immediate effect to fulfill the conditions given in the General Policy Guidelines for the Electricity Industry of the Government and Section 30(4) of the SLEA, No. 20 of 2009 (as amended), please.

Yours faithfully

CEYLON ELECTRICITY BOARD



Eng. G.A.D.R.P. Seneviratne

General Manager

Ceylon Electricity Board

Eng. G.A.D.R.P. Seneviratne
General Manager
Ceylon Electricity Board

Copy:

- | | |
|--|---------------|
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| 4. Chairman, PUCSL | - fi & na pl. |
| 5. Ms. Chaturika Wijesinghe, member PUCSL | - fi & na pl. |
| 6. Mr. Douglas N. Nanayakkara, member PUCSL | - fi & na pl. |
| 7. Mr. SG Senaratne, member PUCSL | - fi & na pl. |
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No SF-2023-08-R

Seasonal, Monthly and weekly Rainfall Forecasts for August-October 2023

Issued on 7th August 2023 by Seasonal forecasting Division of the Department of Meteorology, Sri Lanka.

This consensus climate outlook for August to October 2023 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. The tropical Pacific atmospheric anomalies are consistent with weak El Niño conditions. El Niño conditions are expected to gradually strengthen into the Northern Hemisphere winter 2023-24. The Indian Ocean Dipole (IOD) is currently neutral. The IOD index for the week ending 16 July 2023 was -0.12 °C, which is within neutral bounds. Weekly sea surface temperatures (SSTs) for the period ending 16 July are above average across large areas of the tropical and southern Indian Ocean, especially in the mid-latitudes where anomalies are up to 4 °C warmer than average. Most of the global models show the possibility for positive IOD event is likely to develop in late winter 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 August–October 2023(ASO)

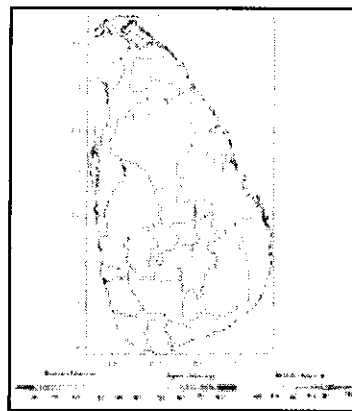


Fig 1. Consensus Probabilistic Monthly rainfall forecast for ASO 2023

There is a chance of having above normal rainfall over western, Southern, Uva and Sabaragamuwa provinces, near or slightly below over Northwestern and Central provinces

with a chance of below normal rainfall over Northern province with no signal for other areas during ASO 2023 season as a whole (Fig. 01).

Monthly Rainfall Forecasts for August, September and October 2023

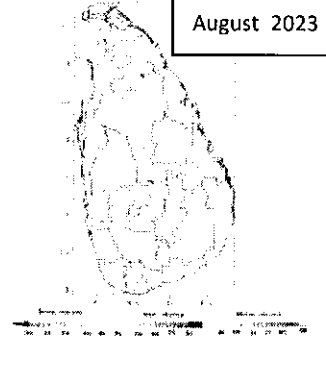
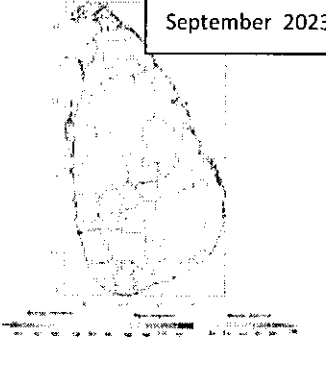
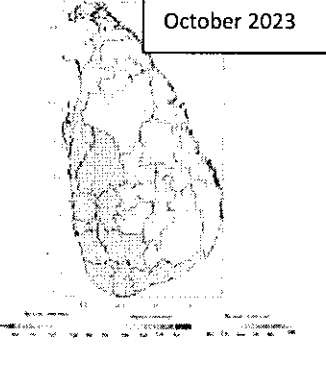
Month	Rainfall forecast
	<p>There is a chance of having near normal rainfalls over southern and Eastern provinces and below normal rainfall over other areas during the month of August 2023.</p> <p>However, there is a possibility for development of Typhoons in the Pacific Ocean which could activate the Southwest monsoon flow over Sri Lanka. If so rainfall over Sri Lanka particularly over Southwestern part of the country can be enhanced.</p>
	<p>Below normal rainfalls are expected over Central, Sabaragamuwa, western and Northern provinces and near over Southern coastal areas and no signal for other areas for the month of September 2023.</p> <p>However, there is a possibility for development of disturbances or low-pressure systems over and vicinity of Sri Lanka during the latter part of the month.</p>
	<p>Above normal rainfall over most parts, particularly over Western, Southern, Sabaragamuwa and Northwestern provinces, during the month of October 2023.</p>

Fig 2.Monthly rainfall forecasts for August, September and October 2023

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 as well as intraseasonal Oscillations such as Madden Julian Oscillations (MJO).

Weekly Rainfall forecasts for the month of August 2023

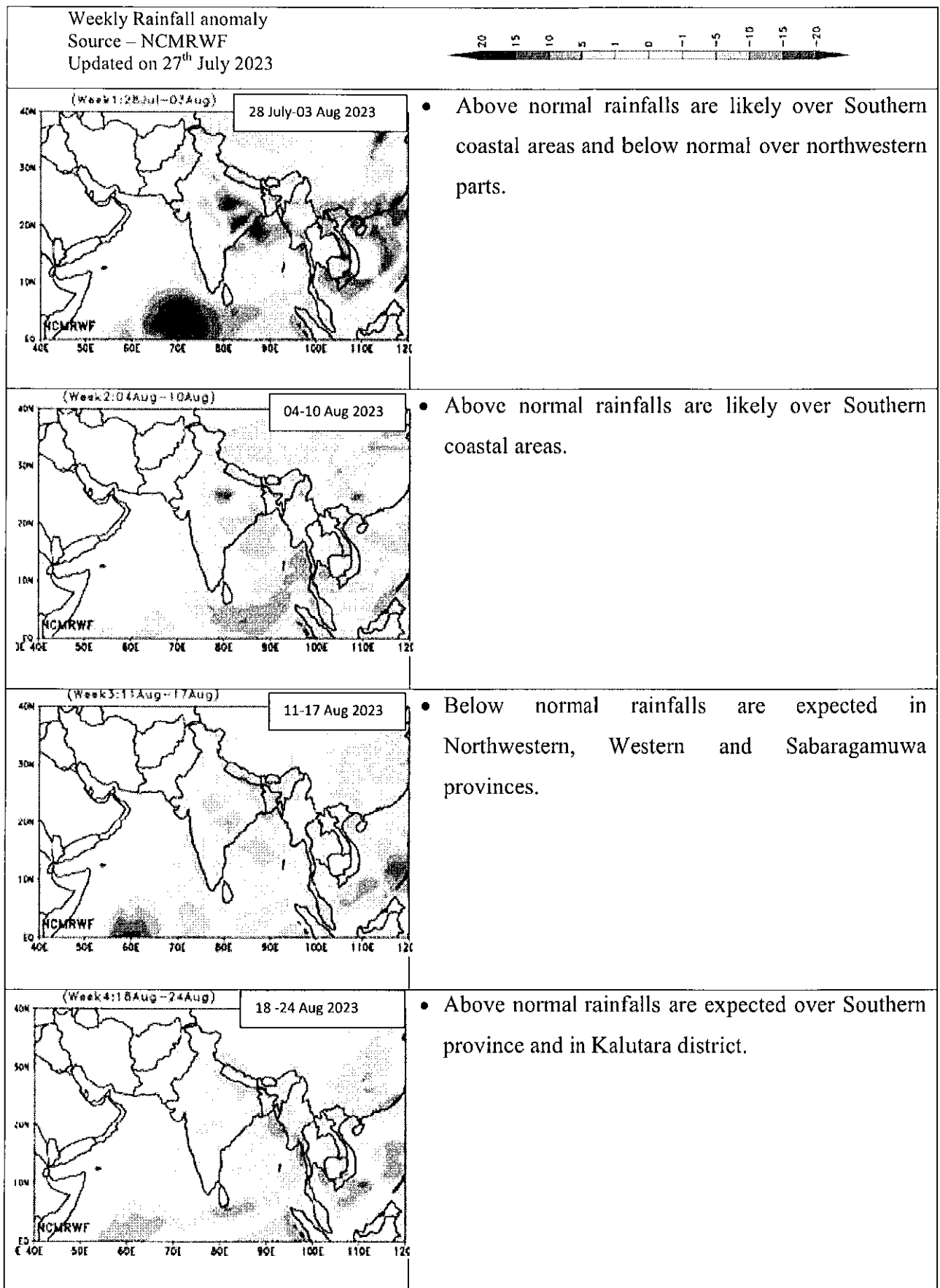


Fig 3. Weekly rainfall forecast for August 2023

Attention is requested for following areas

- More attention for the instructions and advisories issued by authorized agencies particularly related to extreme weather and also water management.
- There is a possibility for strong gusty winds and heavy rainfall, particularly over western slopes of the central hills during the month of August.
- Generally, low level atmospheric disturbances or depressions are possible over vicinity of Sri Lanka during the latter part of September.

Annex-1

District wise mean (30 years (1961-1990) of average) rainfalls during the months of August, September and October season.

District	Average rainfall- August (mm)	Average rainfall- September (mm)	Average rainfall- October(mm)
Colombo	162.5	289.7	391.7
Kalutara	247.8	388.1	463.7
Galle	239.8	341.2	420.3
Matara	191.6	258.6	328.2
Hambantota	49.2	72.4	174.3
Ampara	57.3	77.2	172.3
Batticaloa	60.5	86.6	182.2
Trincomalee	80.7	109.9	208.1
Mullaithivu	48.0	83.4	200.8
Jaffna	33.3	63.0	227.4
Killinochchi	25.9	60.9	211.0
Mannar	19.2	46.1	185.3
Puttalam	23.1	67.5	231.2
Gampaha	129.1	232.3	362.5
Kegalle	262.9	360.6	460.9
Ratnapura	196.4	284.1	371.5
Monaragala	49.9	83.8	237.4
Badulla	76.3	118.2	270.9
Pollonnaruwa	54.0	100.3	217.7
Vavuniya	56.5	97.5	228.2
Anuradapura	40.5	83.0	226.1
Kurunegala	58.1	116.6	288.6
Matale	59.2	94.3	260.4
Kandy	154.0	189.6	309.7
Nuwareliya	234.5	250.8	315.6

Table 01: 30 year Average (1961-1990) district wise rainfalls during the month of August, September and October

Table 01 shows the mean (30 year Average (1961-1990)) rainfalls during the month of August, September and October in each district.

ESTIMATED ENERGY DISPATCH FORECAST FROM AUGUST TO DECEMBER WITH ACTUALS UP TO JULY (Inflow 37506GWh as determined on 17th August 2023)

Annex II

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total Gross Generation	1279.7	1221.4	1414.3	1316.5	1371.1	1332.3	1376.3	1426.0	1380.0	1379.5	1335.0	1379.5	16212
Auxiliary Generation	56	58	60	57	62	53	51	40	39	40	51	57	625
Total Gross Generation/day	41.3	43.6	45.6	43.9	44.2	44.4	44.4	46.0	46.0	44.5	44.5	44.5	44.5
Total Net Generation	1223.5	1163.5	1354.7	1259.5	1352.5	1288.7	1343.3	1385.9	1341.0	1339.4	1283.8	1322.3	15651.9
Total Net Generation/day	39.5	41.6	43.7	42.0	42.4	42.9	43.1	44.7	44.7	43.2	42.8	42.7	42.7
NCRE Generation	203.1	176.4	186.9	182.1	277.6	275.1	303.6	263.0	257.7	211.8	168.4	183.3	2689
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	0.0
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)	1020.5	987.1	1167.7	1077.3	1045.7	947.3	1045.4	1122.9	1083.3	1127.6	1115.4	1139.0	
Regd. Generation/day(Centrally)	32.9	35.3	37.7	35.9	33.7	31.6	33.7	36.2	36.1	36.4	37.2	36.7	
IPP Thermal Generation													
100MW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1	50.4	32.4	19.4	31.3	
WCPP	55.8	75.4	139.0	147.4	99.5	137.0	149.7	162.2	155.4	146.7	108.1	89.4	
TOTAL IPP	55.8	75.4	139.0	147.4	99.5	137.0	149.7	184.3	205.8	179.2	127.5	120.7	1621.3
CEB Thermal Generation													
LAKVIJAYA1	69.5	177.9	196.6	182.8	121.6	73.5	50.4	174.8	169.1	174.8	169.1	174.8	
LAKVIJAYA2	196.9	178.3	198.4	113.6	195.1	188.6	195.9	104.9	169.1	174.8	169.1	174.8	5192.7
LAKVIJAYA3	198.7	181.2	122.8	166.6	190.1	124.6	118.1	0.0	0.0	0.0	121.8	174.8	
SAPU B	37.7	33.2	40.2	43.1	37.5	39.4	38.4	38.2	36.9	38.2	36.4	38.2	
SAPU A	21.9	20.8	25.8	15.9	16.1	20.2	23.7	30.4	29.4	30.4	26.0	28.3	
BARGE	32.0	21.4	34.8	32.6	28.5	28.6	30.8	36.2	33.0	34.2	32.5	26.9	
Uthuru Jananee	9.6	8.6	11.4	11.9	9.2	9.7	11.7	11.8	11.5	9.3	8.8	9.3	
KCCP_Neptha	70.0	19.9	59.6	29.7	70.9	84.7	73.2	67.5	67.5	67.5	62.0	0.0	
KCCP_Diesel	0.0	0.0	16.8	39.4	0.0	0.0	0.0	25.9	11.1	3.0	0.7	0.0	
G77	0.0	0.0	3.1	7.3	15.9	8.2	2.9	32.9	2.8	0.0	0.0	0.0	
SMALL GT	0.0	0.0	0.2	0.1	0.8	0.0	0.0	0.0	0.1	0.0	0.0	0.0	
KCCPS 2	0.0	0.0	0.0	3.3	5.6	37.0	29.9	86.4	34.1	16.3	5.0	28.1	
Dakamu Jananee	0.0	0.0	0.0	3.3	4.2	4.5	5.7	12.5	3.8	1.5	0.2	1.4	
Matugana-CEB	0.0	0.1	0.4	1.5	2.4	2.3	2.6	8.2	1.8	0.0	0.1	0.0	
Total CEB Thermal Generation	636.3	641.2	710.2	651.0	697.9	621.3	583.2	629.7	570.2	550.0	631.8	656.5	7579.4
Prospective Gen. / Energy shortfall													
Total Thermal Generation	692.1	716.6	849.3	798.4	797.4	758.3	732.8	814.0	776.0	729.1	759.4	777.2	9200.6
Hydro Gen Req'd.	328.3	270.4	318.5	278.9	277.5	255.3	306.8	302.1	307.3	398.5	356.1	361.8	3761.6
Total Net Generation excluding deficit	1223.5	1163.5	1354.7	1259.5	1352.5	1288.7	1343.3	1379.1	1341.0	1339.4	1283.8	1322.3	15651.2
Inflow	177	110	171	238	271	215	391	237.7	437.4	530.8	505.7	436.6	3722.5
Drawdown from reservoirs	-151	-160	-148	-41	-6	-40	85	-64.4	130.0	132.4	149.6	74.8	
STARTING STORAGE	753	753	593	445	404	398	358	437	373	503	635	785	
Month End Storage													
% Storage	0.62	0.49	0.37	0.34	0.33	0.30	0.37	0.3	0.4	0.5	0.6	0.7	
NCRE Breakdown													
Bio mass	11.3	11.7	10.9	11.1	14.0	16.5	12.8	8.5	8.3	8.5	8.3	8.5	130.5
Mini Hydro	80.8	61.5	69.6	75.9	113.3	76.9	108.8	65.5	74.6	76.7	67.8	70.2	941.5
Bulk Solar	16.2	16.5	18.4	18.2	17.5	13.2	19.6	27.2	27.3	24.4	19.0	18.5	235.9
Solar RT	47.3	49.0	58.6	59.4	53.0	49.5	51.2	56.7	58.8	55.4	48.4	49.4	636.6
IPP Wind	22.2	18.5	13.8	7.9	38.9	66.2	58.9	60.7	46.5	28.1	12.5	18.5	392.7
CEB Wind	25.1	19.2	15.7	9.6	41.0	52.8	52.4	44.4	42.2	18.6	12.5	18.2	351.7

Bulk Supply Tariff **July Dec 2023**

Capacity Charge		Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Capacity Charge	Generation capacity	SLR/MW	2,733,679.86	2,577,258.43	2,660,793.63	2,739,746.26	2,691,511.37	2,743,115.88
	Transmission	SLR/MW	733,880.41	689,267.61	685,544.74	698,188.24	690,252.99	695,306.66
	Bulk Supply Service	SLR/MW	2,087,683.27	1,326,883.10	840,703.90	830,238.32	805,642.49	794,702.16
BS1 (C)		SLR/MW	5,555,243.54	4,593,409.14	4,187,042.26	4,268,172.82	4,187,406.85	4,233,124.70

Energy Charge

Month	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Block1	Transmission Loss Factor B1	3.51%	3.51%	3.51%	3.51%	3.51%	3.51%
BS1 (E1)	Generation energy Cost B1	SLR/kWh 29.39 30.42	SLR/kWh 34.27 35.47	SLR/kWh 28.97 29.99	SLR/kWh 23.89 24.73	SLR/kWh 22.32 23.11	SLR/kWh 21.49 22.25
Block 2	Transmission Loss Factor B2	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%
BS1 (E2)	Generation energy Cost B2	SLR/kWh 38.20 39.92	SLR/kWh 44.54 46.54	SLR/kWh 37.66 39.35	SLR/kWh 31.06 32.45	SLR/kWh 29.02 30.32	SLR/kWh 27.94 29.19
Block 3	Transmission Loss Factor B3	2.49%	2.49%	2.49%	2.49%	2.49%	2.49%
BS1 (E3)	Generation energy Cost B3	SLR/kWh 17.63 18.07	SLR/kWh 20.56 21.07	SLR/kWh 17.38 17.81	SLR/kWh 14.34 14.69	SLR/kWh 13.39 13.73	SLR/kWh 12.89 13.22

E1 - Day
E2 - peak
E3 - off peak

Generation Capacity Cost

Item \ Month	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
System Coincidental Peak demand	MW	2303	2452	2465	2421	2448	2431

Plant \ Month	Unit	Capacity Payment					
		Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Mahawell	Mn. SLR	745.7	745.7	745.7	745.7	745.7	745.7
Laxapana	Mn. SLR	325.5	325.5	325.5	325.5	325.5	325.5
Samanala	Mn. SLR	775.8	775.8	775.8	775.8	775.8	775.8
Mannar Wind	Mn. SLR	183.9	183.9	183.9	183.9	183.9	183.9
DSP1	Mn. SLR	134.9	134.9	134.9	134.9	134.9	134.9
DSP2	Mn. SLR	138.8	138.8	138.8	138.8	138.8	138.8
GT16	Mn. SLR	138.1	138.1	126.8	138.1	138.1	138.1
GT07	Mn. SLR	214.5	214.5	214.5	233.6	233.6	233.6
CCKP	Mn. SLR	165.3	165.3	165.3	165.3	165.3	201.0
CCKP 02	Mn. SLR	80.8	80.8	80.8	80.8	80.8	80.8
CPUT	Mn. SLR	2,048.1	2,048.1	2,048.1	2,048.1	2,048.1	2,048.1
DNCHU	Mn. SLR	41.2	41.2	41.2	41.2	41.2	41.2
Island Gen	Mn. SLR	8.0	8.0	8.0	8.0	8.0	8.0
BARGE	Mn. SLR	72.7	72.7	72.7	72.7	72.7	72.7
30MW Hambantota	Mn. SLR	22.5	22.5	22.5	22.5	22.5	22.5
ZOMW Mathugama	Mn. SLR	15.0	15.0	15.0	18.7	15.0	18.7
CCKW	Mn. SLR	1,184.3	1,184.3	1,146.1	1,184.3	1,146.1	1,184.3
SGPS 02(DEMB)	Mn. SLR	0.0	0.0	239.5	239.5	239.5	239.5
SGPS 01	Mn. SLR	0.0	23.9	74.2	74.2	74.2	74.2
RENEW	Mn. SLR	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	Mn. SLR	6,295.2	6,319.1	6,559.3	6,631.7	6,589.8	6,667.3
Depreciation	Mn. SLR						
ROE	Mn. SLR						
Generation Capacity cost	Mn. SLR	6,295.2	6,319.1	6,559.3	6,631.7	6,589.8	6,667.3

Generation Capacity cost

	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Generation Capacity cost	SLR/MW						

Plant\Month	Unit	Energy Price and Energy generated in each plant											
		Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Mahaweli	GWh	306.8	302.1	307.3	398.5	356.1	361.8						
Lakapana	SLR/kWh												
Samanala	GWh												
Mananar Wind	SLR/kWh												
DSP1	GWh	23.7	30.4	29.4	30.4	26.0	28.3						
DSP2	SLR/kWh	50.75	50.03	50.10	50.03	50.19	50.19						
GT16	GWh	46.03	38.2	36.9	38.2	36.4	38.2						
GT07	SLR/kWh	0.00	45.77	45.81	45.77	45.83	45.77						
CCKP	GWh	2.9	0.0	0.1	0.0	0.0	0.0						
CCKP	SLR/kWh	128.04	32.9	267.12	2.8	0.0	0.0						
CCKP	GWh	73.2	108.26	114.56	78.7	70.6	62.8						
CCKP	SLR/kWh	50.13	48.69	44.36	41.73	40.70	40.00						
CCKP	GWh	29.9	86.4	34.1	16.3	5.0	28.1						
CPUT	SLR/kWh	70.11	86.22	68.61	69.74	74.59	68.83						
DNCHU	GWh	364.4	279.6	338.3	349.5	460.0	524.3						
Island Gen	SLR/kWh	38.29	38.84	32.20	23.87	21.80	20.88						
BAARCE	GWh	11.7	11.8	11.5	9.3	8.8	9.3						
30MW Hambantota	SLR/kWh	43.12	42.76	42.79	43.03	43.10	43.03						
20MW Matugama	GWh	0.20	0.20	0.2	0.2	0.2	0.2						
CCKW	SLR/kWh	106.13	105.40	105.40	105.40	105.40	105.40						
SGPS 02(DEMB)	GWh	30.8	36.2	33.6	34.2	32.5	26.9						
SGPS 01	SLR/kWh	48.4	47.2	47.5	47.4	47.5	48.1						
REMW	GWh	5.8	12.7	3.8	1.5	1.5	1.5						
Solar Rooftop Generation	SLR/kWh	81.22	80.07	81.22	83.66	117.82	83.88						
Energy Cost	SLR	38,294,643,729	45,849,395,587	37,687,271,374	31,042,511,338	27,801,351,970	27,566,578,313						
Energy Cost	SLR Million	38,295	45,849	37,687	31,043	27,801	27,567						
Total Energy cost for six-months	LKR Million	208,241.75	8,010.6	26.00	26.92	96.58	97.18						
Total energy dispatch for six-months	GWh	208,241.75	8,010.6	26.00	26.92	96.58	97.18						
Six-month average energy cost	LKR/kWh	26.00	26.92	96.58	97.18								
Loss adjusted six-month average energy cost	LKR/kWh	26.92	96.58	97.18									
Loss factor %		96.58	97.18										

Loss Calculation Prepared by CS as at May 03, 2023

Notes
TOU energy ratio is changed 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)

Item	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Transmission system allowed revenue	Mn. SLR	1,690	1,690	1,690	1,690	1,690	1,690
BSOB allowed revenue	Mn. SLR	443	443	443	443	443	443
Term Loan	Mn. SLR	2,566	1,942	761	698	661	620
Finance Cost for Delayed Interest on IPP Payments	Mn. SLR	1,799	869	869	869	869	869
Finance Cost for Delay Payment to CPC	Mn. SLR	0	0	0	0	0	0
Finance Cost for Overdraft	Mn. SLR	405	405	382	335	323	314
Other Finance Cost	Mn. SLR	194	115	115	115	545	545
System Coincidental Peak demand	MW	2303	2452	2465	2421	2448	2431

Capacity Transmission tariff (TR)	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
SLR/MW							
Bulk Supply and Operations Business Tariff (BSS)	SLR/MW						

Transmission Losses Factor

Block 1	Month	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Forecasted transmission losses	GWh		27	28	27	27	26	27
		Total forecasted energy supplied	779	800	778	777	745	767
		Forecasted TLF	%					

Block 2	Month	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Forecasted transmission losses	GWh		12	12	12	12	11	12
		Total forecasted energy supplied	265	272	264	264	253	261
		Forecasted TLF	%					

Block 3	Month	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Forecasted transmission losses	GWh		7	8	7	7	7	7
		Total forecasted energy supplied	300	308	299	299	286	295
		Forecasted TLF	%					

Capacity Transmission tariff (TR)	SLR	1,689,991,666.67	1,689,991,666.67	1,689,991,666.67	1,689,991,666.67	1,689,991,666.67	1,689,991,666.67
Bulk Supply and Operations Business Tariff (BSS)	SLR	3,009,033,997.69	2,384,659,480.26	1,203,807,237.11	1,140,944,188.23	1,103,827,538.20	1,062,899,593.67
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
Actual term loan and finance costs incurred for the month of July was considered.

Description	Actual (Rs. Mn)		Forecast (Rs. Mn)										
	Jan - Jun 23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total 2023					
Income													
Sale of Electricity	296,813	53,503	51,401	49,836	50,531	48,588	49,995	600,666					
Other Income	6,714	1,587	755	755	755	755	755	12,074					
Total Income	303,527	55,090	52,156	50,590	51,285	49,342	50,750	612,740					
OPEX													
Generation Cost (Energy)	231,032	38,295	45,849	37,687	31,043	27,801	27,567	439,274					
Generation Cost (Capacity)	17,194	6,295	6,319	6,559	6,632	6,590	6,667	56,256					
	248,226	44,590	52,168	44,247	37,674	34,391	34,234	495,531					
Transmission Cost	4,755	2,263	3,133	3,133	3,133	3,133	3,633	23,183					
Distribution Cost	26,040	4,722	6,710	6,710	6,710	6,710	8,210	65,813					
Corporate Cost	3,617	483	866	866	866	866	1,366	8,933					
Finance Cost	34,607	4,964	3,330	2,127	2,017	2,397	2,348	51,790					
Total Cost	317,246	57,022	66,208	57,083	50,401	47,498	49,792	645,250					
Net Income Before Taxation	(13,719)	(1,932)	(14,053)	(6,492)	884	1,844	958	(32,509)					
Taxation	-	-	-	-	-	-	-	-					
Net Income After Taxation	(13,719)	(1,932)	(14,053)	(6,492)	884	1,844	958	(32,509)					
Other Comprehensive Income	-	-	-	-	-	-	-	-					
Total Comprehensive Income for the period	(13,719)	(1,932)	(14,053)	(6,492)	884	1,844	958	(32,509)					
Total Comprehensive Income excl. Other Income	(20,433)	(3,519)	(14,807)	(7,247)	130	1,089	204	(44,583)					
Fuel Prices (Rs./ Ltr/ kg)													
Type	Jul-23	Aug - Dec 2023											
Lanka Auto Diesel	308.00	306.00											
Naptha	201.00	174.00											
Heavy Fuel	204.00	201.00											
Coal (Rs./kg)	93.50	93.00/52.00											

Bulk Supply Tariff July Dec 2023

Capacity Charge		Month	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Capacity Charge	Generation capacity		SLR/MW	2,733,679.86	2,559,166.10	2,632,565.66	2,706,758.92	2,663,482.32	2,700,420.50
	Transmission		SLR/MW	733,880.41	684,428.96	678,271.89	690,162.29	683,064.78	688,005.61
	Bulk Supply Service		SLR/MW	2,087,683.27	1,317,568.40	831,785.00	820,694.40	797,252.63	786,357.41
BST (C)			SLR/MW	5,555,243.54	4,561,163.46	4,142,622.55	4,217,615.61	4,143,799.74	4,174,783.52

Energy Charge		Month	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Block1	Transmission Loss Factor B1		%	3.51%	3.51%	3.51%	3.51%	3.51%	3.51%
BST (E1)	Generation energy Cost B1		SLR/kWh	29.39	36.36	32.15	30.03	26.40	23.10
Block 2	Transmission Loss Factor B2		%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%
BST (E2)	Generation energy Cost B2		SLR/kWh	38.20	47.27	41.80	39.04	34.32	30.02
Block 3	Transmission Loss Factor B3		%	2.49%	2.49%	2.49%	2.49%	2.49%	2.49%
BST (E3)	Generation energy Cost B3		SLR/kWh	17.63	21.82	19.29	18.02	15.84	13.86
			SLR/kWh	18.07	22.36	19.77	18.47	16.23	14.20

	24.14	E1 - Day
	31.68	E2 - peak
	14.34	E3 - off peak

Generation Capacity Cost

Item \ Month	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
System Coincidental Peak demand	MW	2303	2469	2492	2449	2474	2456

Plant \ Month	Unit	Capacity Payment					
		Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Mahaweli	Mn. SLR	745.7	745.7	745.7	745.7	745.7	745.7
Laxapana	Mn. SLR	325.5	325.5	325.5	325.5	325.5	325.5
Samanala	Mn. SLR	775.8	775.8	775.8	775.8	775.8	775.8
Mannar Wind	Mn. SLR	183.9	183.9	183.9	183.9	183.9	183.9
DSP1	Mn. SLR	134.9	134.9	134.9	134.9	134.9	134.9
DSP2	Mn. SLR	138.8	138.8	138.8	138.8	138.8	138.8
GT16	Mn. SLR	138.1	138.1	126.8	138.1	138.1	126.8
GT07	Mn. SLR	214.5	214.5	214.5	233.6	233.6	214.5
CCKP	Mn. SLR	165.3	165.3	165.3	165.3	165.3	201.0
CCKP 02	Mn. SLR	80.8	80.8	80.8	80.8	80.8	80.8
CPUT	Mn. SLR	2,048.1	2,048.1	2,048.1	2,048.1	2,048.1	2,048.1
DNCHU	Mn. SLR	41.2	41.2	41.2	41.2	41.2	41.2
Island Gen	Mn. SLR	8.0	8.0	8.0	8.0	8.0	8.0
BARGE	Mn. SLR	72.7	72.7	72.7	72.7	72.7	72.7
30MW Hambantota	Mn. SLR	22.5	22.5	22.5	22.5	22.5	22.5
20MW Mathugama	Mn. SLR	15.0	15.0	15.0	15.0	15.0	15.0
CCKW	Mn. SLR	1,184.3	1,184.3	1,146.1	1,184.3	1,146.1	1,184.3
SGPS 02(DEMB)	Mn. SLR	0.0	0.0	239.5	239.5	239.5	239.5
SGPS 01	Mn. SLR	0.0	23.9	74.2	74.2	74.2	74.2
RENEW	Mn. SLR	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	Mn. SLR	6,295.2	6,319.1	6,559.3	6,628.0	6,589.8	6,633.2
Depreciation	Mn. SLR						
ROE	Mn. SLR						
Generation Capacity cost	Mn. SLR	6,295.2	6,319.1	6,559.3	6,628.0	6,589.8	6,633.2

Generation Capacity cost

Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Generation Capacity cost	SLR/MW					

Energy price and Energy generated in each plant

Plant\Month	Unit	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Mahaweli	GWh	306.8	271.9	256.1	281.8	275.4	339.1
Lakapana	SLR/kWh						
Samanala	GWh						
Mananar wind	SLR/kWh	52.41	44.40	42.21	18.61	12.46	18.19
DSP1	GWh	23.7	30.4	29.4	30.4	29.4	27.0
DSP2	SLR/kWh	50.75	50.03	50.10	50.03	50.10	50.29
GT16	GWh	38.4	38.2	36.9	38.2	36.9	37.6
GT07	SLR/kWh	46.03	45.77	45.81	45.77	45.81	45.79
CCKP	GWh	0.0	0.0	1.6	0.0	0.0	0.0
CCKP 02	SLR/kWh	0.00	0.00	154.36	0.00	0.00	778.38
CPUT	GWh	2.9	36.3	3.8	0.0	0.0	0.5
DNCHU	SLR/kWh	128.06	108.20	112.64	0.00	0.00	142.57
Island Gen	GWh	73.2	102.4	91.1	89.7	71.2	0.0
BARCE	SLR/kWh	50.13	50.50	47.95	47.51	41.72	0.00
30MW Hambantota	GWh	29.9	107.4	70.3	79.8	42.5	42.5
20MW Mathugama	SLR/kWh	70.11	68.10	68.08	68.04	68.63	68.41
CCKW	GWh	36.4	279.6	338.3	349.5	460.0	524.3
SGPS 02(DEMB)	SLR/kWh	38.29	38.84	32.20	23.97	21.80	20.88
SGPS 01	GWh	11.7	11.8	11.5	9.3	9.0	9.0
RENW	SLR/kWh	43.12	42.76	42.79	43.03	43.07	43.07
Solar Rooftop Generation	GWh	0.20	0.20	0.2	0.2	0.2	0.2
Energy Cost	SLR	38,294,643,729	48,539,047,512	41,800,723,179	39,021,210,933	32,877,036,975	29,625,862,245
Energy Cost	SLR Million	38,295	48,539	41,801	39,021	32,877	29,626
Total Energy cost for six-months	LKR Million	230,158.52					
Total energy dispatch for six-months	GWh	8,006.7					
Six-month average energy cost	LKR/kWh	28.75					
loss adjusted six-month average energy cost	LKR/kWh	29.76					
Loss factor %		96.58					
		97.18					

Loss Calculation Prepared by CS as at May 03, 2023

Notes
TOU energy ratio is changed 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)

Annex V-D

Item	Unit	Jul-23		Aug-23		Sep-23		Oct-23		Nov-23		Dec-23
Transmission system allowed revenue	Mn. SLR	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,690
BSOB allowed revenue	Mn. SLR	443	443	443	443	443	443	443	443	443	443	443
Term Loan	Mn. SLR	2,566	1,942	1,942	761	869	661	620	620	620	620	620
Finance Cost for Delayed Interest on IPP Payments	Mn. SLR	1,799	869	869	869	869	869	869	869	869	869	869
Finance Cost for Delay payment to CPC	Mn. SLR	0	0	0	0	0	0	0	0	0	0	0
Finance Cost for Overdraft	Mn. SLR	405	405	382	382	335	335	314	314	314	314	314
Other Finance Cost	Mn. SLR	194	115	115	115	115	115	545	545	545	545	545
System Coincidental Peak demand	MW	2303	2469	2492	2449	2474	2456					

Capacity Transmission tariff (TR)	Unit	Jul-23		Aug-23		Sep-23		Oct-23		Nov-23		Dec-23
		SLR/MW	SLR/MW	SLR/MW	SLR/MW	SLR/MW	SLR/MW	SLR/MW	SLR/MW	SLR/MW	SLR/MW	SLR/MW
Bulk Supply and Operations Business Tariff (BSS)	SLR/MW											

Transmission Losses Factor													
Block 1	Month	Unit	Jul-23		Aug-23		Sep-23		Oct-23		Nov-23		Dec-23
			GWh	%	GWh	%	GWh	%	GWh	%	GWh	%	GWh
Forecasted transmission losses			27		28		27		27		26		27
Total forecasted energy supplied			779		798		777		777		745		767
Forecasted TLF													

Block 2	Month	Unit	Jul-23		Aug-23		Sep-23		Oct-23		Nov-23		Dec-23
			GWh	%	GWh	%	GWh	%	GWh	%	GWh	%	GWh
Forecasted transmission losses			12		12		12		12		11		12
Total forecasted energy supplied			265		271		264		264		253		261
Forecasted TLF													

Block 3	Month	Unit	Jul-23		Aug-23		Sep-23		Oct-23		Nov-23		Dec-23
			GWh	%	GWh	%	GWh	%	GWh	%	GWh	%	GWh
Forecasted transmission losses			7		8		7		7		7		7
Total forecasted energy supplied			300		307		299		299		286		295
Forecasted TLF													

Capacity Transmission tariff (TR)	Unit	Jul-23		Aug-23		Sep-23		Oct-23		Nov-23		Dec-23
		SLR	SLR	SLR	SLR	SLR	SLR	SLR	SLR	SLR	SLR	SLR
Bulk Supply and Operations Business Tariff (BSS)	SLR	1,689,991,666.67	1,689,991,666.67	1,689,991,666.67	1,203,807,237.11	1,689,991,666.67	1,40,944,188.23	1,689,991,666.67	1,103,827,538.20	1,689,991,666.67	1,062,899,593.67	
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
 Actual term loan and finance costs incurred for the month of July was considered.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total Gross Generation	1279.7	1221.4	1414.3	1316.5	1371.1	1332.3	1376.3	1426.0	1380.0	1379.5	1335.0	1379.5	16,211.7
Auxiliary Generation	56	58	60	57	62	53	51	40	39	40	51	57	624.8
Total Gross Generation/day	41.3	43.6	45.6	43.9	44.2	44.4	44.4	46.0	46.0	44.5	44.5	44.5	44.5
Total Net Generation	1223.5	1163.5	1354.7	1259.5	1352.5	1288.7	1343.3	1385.9	1341.0	1339.4	1283.8	1322.3	15,657.9
Total Net Generation/day	39.5	41.6	43.7	42.0	42.4	42.9	43.1	44.7	44.7	43.2	42.8	42.7	42.7
NCRE Generation	203.1	176.4	186.9	182.1	277.6	275.1	303.6	251.1	244.1	197.8	156.0	170.5	2,624.3
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	0.0
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	365.0
Generation (Centrally dispatch)	1020.5	987.1	1167.7	1077.3	1045.7	947.3	1045.4	1134.8	1096.9	1141.6	1127.8	1151.8	
Reqd. Generation/day(Centrally)	32.9	35.3	37.7	35.9	33.7	31.6	33.7	36.6	36.6	36.8	37.6	37.2	
IPP Thermal Generation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1	60.4	62.5	38.4	34.4	
100MW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WCPP	55.8	75.4	139.0	147.4	99.5	137.0	149.7	162.2	157.0	162.2	137.8	107.7	
TOTAL IPP	55.8	75.4	139.0	147.4	99.5	137.0	149.7	184.3	217.4	224.7	176.3	142.2	1,748.6
CEB Thermal Generation	69.5	177.9	196.6	182.8	121.6	73.5	50.4	174.8	169.1	174.8	169.1	174.8	5,192.7
LAKVIJAYA1	196.9	178.3	198.4	113.6	195.1	188.6	195.9	104.9	169.1	174.8	169.1	174.8	
LAKVIJAYA2	198.7	181.2	122.8	166.6	190.1	124.6	118.1	0.0	0.0	0.0	121.8	174.8	
LAKVIJAYA3	37.7	33.2	40.2	43.1	37.5	39.4	38.4	38.2	36.9	38.2	36.9	37.6	
SAPU B	21.9	20.8	25.8	15.9	16.1	20.2	23.7	30.4	29.4	30.4	29.4	27.0	
SAPU A	32.0	21.4	34.8	32.6	28.5	28.6	30.8	36.2	33.0	34.2	33.0	24.5	
BARGE	9.6	8.6	11.4	11.9	9.2	9.7	11.7	11.8	11.5	9.3	9.0	9.0	
Uthuru Jannanee	70.0	19.9	59.6	29.7	70.9	84.7	73.2	67.5	67.5	67.5	67.5	0.0	
KCCP Naptha	0.0	0.0	16.8	39.4	0.0	0.0	0.0	34.9	23.6	22.1	3.7	0.0	
KCCP Diesel	0.0	0.0	3.1	7.3	15.9	8.2	2.9	36.3	3.8	0.0	0.0	0.5	
G7	0.0	0.0	0.2	0.1	0.8	0.0	0.0	0.0	1.6	0.0	0.0	0.0	
SMALL GT	0.0	0.0	0.0	3.3	5.6	37.0	29.9	107.4	70.3	75.8	33.6	42.5	
KCCPS 2	0.0	0.0	0.0	3.3	4.2	4.5	5.7	16.2	4.1	6.7	1.9	3.4	
Dakanu Jannanee	0.0	0.0	0.0	3.3	4.2	4.5	5.7	16.2	4.1	6.7	1.9	3.4	
Matugama-CEB	0.0	0.1	0.4	1.5	2.4	2.3	2.6	10.0	2.5	1.4	1.0	1.7	
Total CEB Thermal Generation	636.3	641.2	710.2	651.0	697.9	621.3	583.2	668.5	622.6	635.1	676.1	670.6	7,814.1
Prospective Gen. / Energy shortfall													
Total Thermal Generation	692.1	716.6	849.3	798.4	797.4	758.3	732.8	852.8	840.0	859.8	852.4	812.8	9,562.7
Hydro Gen Req'd.	328.3	270.4	318.5	278.9	277.5	255.3	306.8	271.9	256.1	281.8	275.4	339.1	3,460.0
Total Net Generation excluding deficit	1223.5	1163.5	1354.7	1259.5	1352.5	1288.7	1343.3	1375.8	1340.1	1339.4	1283.8	1322.3	15,647.0
Inflow	177	110	171	238	271	215	391	192.6	327.4	436.3	470.7	437.2	3,438.2
Drawdown from reservoirs	-151	-160	-148	-41	-6	-40	85	-79.3	71.3	154.5	195.2	98.1	
STARTING STORAGE	753	753	593	445	404	398	358	437	358	429	583	779	
Month End Storage	753	593	445	404	398	358	437	358	429	583	779	877	
% Storage	0.62	0.49	0.37	0.34	0.33	0.30	0.36	0.3	0.3	0.3	0.5	0.7	
NCRE Breakdown													
Bio mass	11.3	11.7	10.9	11.1	14.0	16.5	12.8	8.5	8.3	8.5	8.3	8.5	130.5
Mini Hydro	80.8	61.5	69.6	75.9	113.3	76.9	108.8	53.6	61.0	62.7	55.5	57.3	876.8
Bulk Solar	16.2	16.5	18.4	18.2	17.5	13.2	19.6	27.2	27.3	24.4	19.0	18.5	235.9
Solar RT	47.3	49.0	58.6	59.4	53.0	49.5	51.2	56.7	58.8	55.4	48.4	49.4	636.6
IPP Wind	22.2	18.5	13.8	7.9	38.9	66.2	58.9	60.7	46.5	28.1	12.5	18.5	392.7
CEB Wind	25.1	19.2	15.7	9.6	41.0	52.8	52.4	44.4	42.2	18.6	12.5	18.2	351.7

Description	Actual (Rs. Mn)		Forecast (Rs. Mn)										
	Jan - Jun 23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total 2023					
Income													
Sale of Electricity	296,813	53,503	51,401	49,836	50,531	48,588	49,995	600,666					
Other Income	6,714	1,587	755	755	755	755	755	12,074					
Total Income	303,527	55,090	52,156	50,590	51,285	49,342	50,750	612,740					
OPEX													
Generation Cost (Energy)	231,032	38,295	48,539	41,801	39,021	32,877	29,626	461,191					
Generation Cost (Capacity)	17,194	6,295	6,319	6,559	6,628	6,590	6,633	56,218					
	248,226	44,590	54,858	48,360	45,649	39,467	36,259	517,410					
Transmission Cost	4,755	2,263	3,133	3,133	3,133	3,133	3,633	23,183					
Distribution Cost	26,040	4,722	6,710	6,710	6,710	6,710	8,210	65,813					
Corporate Cost	3,617	483	866	866	866	866	1,366	8,933					
Finance Cost	34,607	4,964	3,330	2,127	2,017	2,397	2,348	51,790					
Total Cost	317,246	57,022	68,898	61,196	58,376	52,574	51,817	667,129					
Net Income Before Taxation	(13,719)	(1,932)	(16,743)	(10,606)	(7,091)	(3,232)	(1,067)	(54,388)					
Taxation	-	-	-	-	-	-	-	-					
Net Income After Taxation	(13,719)	(1,932)	(16,743)	(10,606)	(7,091)	(3,232)	(1,067)	(54,388)					
Other Comprehensive Income	-	-	-	-	-	-	-	-					
Total Comprehensive Income for the period	(13,719)	(1,932)	(16,743)	(10,606)	(7,091)	(3,232)	(1,067)	(54,388)					
Total Comprehensive Income excl. Other Income	(20,433)	(3,519)	(17,497)	(11,360)	(7,845)	(3,986)	(1,822)	(66,462)					
Fuel Prices (Rs./ Ltr/ kg)													
Type	Jul-23	Aug - Dec 2023											
Lanka Auto Diesel	308.00	306.00											
Naptha	201.00	174.00											
Heavy Fuel	204.00	201.00											
Coal (Rs./kg)	93.50	93.00/52.00											

ESTIMATED ENERGY DISPATCH FORECAST FROM AUGUST TO DECEMBER WITH ACTUALS UP TO JULY (Inflow 3750GWh as determined on 17th August 2023)

Annex II

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total Gross Generation	1279.7	1221.4	1414.3	1316.5	1371.1	1332.3	1376.3	1426.0	1380.0	1379.5	1335.0	1379.5	16212
Auxiliary Generation	56	58	60	57	62	53	51	40	39	40	51	57	625
Total Gross Generation/day	41.3	43.6	45.6	43.9	44.2	44.4	44.4	46.0	46.0	44.5	44.5	44.5	
Total Net Generation	1223.5	1163.5	1354.7	1259.5	1352.5	1288.7	1343.3	1385.9	1341.0	1339.4	1283.8	1322.3	15657.9
Total Net Generation/day	39.5	41.6	43.7	42.0	42.4	42.9	43.1	44.7	44.7	43.2	42.8	42.7	
NCRE Generation	203.1	176.4	186.9	182.1	277.6	275.1	303.6	263.0	257.7	211.8	168.4	183.3	2689
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	0.0
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)	1020.5	987.1	1167.7	1077.3	1045.7	947.3	1045.4	1122.9	1083.3	1127.6	1115.4	1139.0	
Reqd. Generation/day(Centrally)	32.9	35.3	37.7	35.9	33.7	31.6	33.7	36.2	36.1	36.4	37.2	36.7	
IPP Thermal Generation													
100MW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1	50.4	32.4	19.4	31.3	
WCPP	55.8	75.4	139.0	147.4	99.5	137.0	149.7	162.2	155.4	146.7	108.1	89.4	
TOTAL IPP	55.8	75.4	139.0	147.4	99.5	137.0	149.7	184.3	205.8	179.2	127.5	120.7	1621.3
CEB Thermal Generation													
LAKVIJAYA1	69.5	177.9	196.6	182.8	121.6	73.5	50.4	174.8	169.1	174.8	169.1	174.8	
LAKVIJAYA2	196.9	178.3	198.4	113.6	195.1	188.6	195.9	104.9	169.1	174.8	169.1	174.8	5192.7
LAKVIJAYA3	198.7	181.2	122.8	166.6	190.1	124.6	118.1	0.0	0.0	0.0	121.8	174.8	
SAPU B	37.7	33.2	40.2	43.1	37.5	39.4	38.4	38.2	36.9	38.2	36.4	38.2	
SAPU A	21.9	20.8	25.8	15.9	16.1	20.2	23.7	30.4	29.4	30.4	26.0	28.3	
BARGE	32.0	21.4	34.8	32.6	28.5	28.6	30.8	36.2	33.0	34.2	32.5	26.9	
Uthuru Jannanee	9.6	8.6	11.4	11.9	9.2	9.7	11.7	11.8	11.5	9.3	8.8	9.3	
KCCP_Naptha	70.0	19.9	59.6	29.7	70.9	84.7	73.2	67.5	67.5	67.5	62.0	0.0	
KCCP_Diesel	0.0	0.0	16.8	39.4	0.0	0.0	0.0	25.9	11.1	3.0	0.7	0.0	
GT7	0.0	0.0	3.1	7.3	15.9	8.2	2.9	32.9	2.8	0.0	0.0	0.0	
SMALL_GT	0.0	0.0	0.2	0.1	0.8	0.0	0.0	0.0	0.1	0.0	0.0	0.0	
KCCPS 2	0.0	0.0	0.0	3.3	5.6	37.0	29.9	86.4	34.1	16.3	5.0	28.1	
Dakanu Jananee	0.0	0.0	0.0	3.3	4.2	4.5	5.7	12.5	3.8	1.5	0.2	1.4	
Matugama-CEB	0.0	0.1	0.4	1.5	2.4	2.3	2.6	8.2	1.8	0.0	0.1	0.0	
Total CEB Thermal Generation	636.3	641.2	710.2	651.0	697.9	621.3	583.2	629.7	570.2	550.0	631.8	656.5	7579.4
Prospective Gen. / Energy shortfall													
Total Thermal Generation	692.1	716.6	849.3	798.4	797.4	758.3	732.8	814.0	776.0	729.1	759.4	777.2	9200.6
Hydro Gen Req'd.	328.3	270.4	318.5	278.9	277.5	255.3	306.8	302.1	307.3	398.5	356.1	361.8	3761.6
Total Net Generation excluding deficit	1223.5	1163.5	1354.7	1259.5	1352.5	1288.7	1343.3	1379.1	1341.0	1339.4	1283.8	1322.3	15651.2
Inflow	177	110	171	238	271	215	391	237.7	437.4	530.8	505.7	436.6	3722.5
Drawdown from reservoirs	-151	-160	-148	-41	-6	-40	85	-64.4	130.0	132.4	149.6	74.8	
STARTING STORAGE	904	753	593	445	404	398	358	437	373	503	635	785	
Month End Storage	753	593	445	404	398	358	442	373	503	635	785	859	
% Storage	0.62	0.49	0.37	0.34	0.33	0.30	0.37	0.3	0.4	0.5	0.6	0.7	

NCRE Breakdown

Bio mass	11.3	11.7	10.9	11.1	14.0	16.5	12.8	8.5	8.3	8.5	8.3	8.5	130.5
Mini Hydro	80.8	61.5	69.6	75.9	113.3	76.9	108.8	65.5	74.6	76.7	67.8	70.2	941.5
Bulk Solar	16.2	16.5	18.4	18.2	17.5	13.2	19.6	27.2	27.3	24.4	19.0	18.5	235.9
Solar RT	47.3	49.0	58.6	59.4	53.0	49.5	51.2	56.7	58.8	55.4	48.4	49.4	636.6
IPP Wind	22.2	18.5	13.8	7.9	38.9	66.2	58.9	60.7	46.5	28.1	12.5	18.5	392.7
CEB Wind	25.1	19.2	15.7	9.6	41.0	52.8	52.4	44.4	42.2	18.6	12.5	18.2	351.7

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total Gross Generation	1279.7	1221.4	1414.3	1316.5	1371.1	1332.3	1376.3	1426.0	1380.0	1379.5	1335.0	1379.5	16,211.7
Auxiliary Generation	56	58	60	57	62	53	51	40	39	40	51	57	624.8
Total Gross Generation/day	41.3	43.6	45.6	43.9	44.2	44.4	44.4	46.0	46.0	44.5	44.5	44.5	
Total Net Generation	1223.5	1163.5	1354.7	1259.5	1352.5	1288.7	1343.3	1385.9	1341.0	1339.4	1283.8	1322.3	15,657.9
Total Net Generation/day	39.5	41.6	43.7	42.0	42.4	42.9	43.1	44.7	44.7	43.2	42.8	42.7	
NCRE Generation	203.1	176.4	186.9	182.1	277.6	275.1	303.6	251.1	244.1	197.8	156.0	170.5	2,624.3
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	28.0	31.0	30.0	31.0	30.0	31.0	31.0	30.0	31.0	30.0	31.0	365.0
Generation (Centrally dispatch)	1020.5	987.1	1167.7	1077.3	1045.7	947.3	1045.4	1134.8	1096.9	1141.6	1127.8	1151.8	
Reqd. Generation/day(Centrally)	32.9	35.3	37.7	35.9	33.7	31.6	33.7	36.6	36.6	36.8	37.6	37.2	
IPP Thermal Generation													
100MW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1	60.4	62.5	38.4	34.4	
WCPP	55.8	75.4	139.0	147.4	99.5	137.0	149.7	162.2	157.0	162.2	137.8	107.7	
TOTAL IPP	55.8	75.4	139.0	147.4	99.5	137.0	149.7	184.3	217.4	224.7	176.3	142.2	1,748.6
CEB Thermal Generation													
LAKVIJAYA1	69.5	177.9	196.6	182.8	121.6	73.5	50.4	174.8	169.1	174.8	169.1	174.8	5,192.7
LAKVIJAYA2	196.9	178.3	198.4	113.6	195.1	188.6	195.9	104.9	169.1	174.8	169.1	174.8	
LAKVIJAYA3	198.7	181.2	122.8	166.6	190.1	124.6	118.1	0.0	0.0	0.0	121.8	174.8	
SAPU B	37.7	33.2	40.2	43.1	37.5	39.4	38.4	38.2	36.9	38.2	36.9	37.6	
SAPU A	21.9	20.8	25.8	15.9	16.1	20.2	23.7	30.4	29.4	30.4	29.4	27.0	
BARGE	32.0	21.4	34.8	32.6	28.5	28.6	30.8	36.2	33.0	34.2	33.0	24.5	
Uthuru Jannanee	9.6	8.6	11.4	11.9	9.2	9.7	11.7	11.8	11.5	9.3	9.0	9.0	
KCCP_Naptha	70.0	19.9	59.6	29.7	70.9	84.7	73.2	67.5	67.5	67.5	67.5	0.0	
KCCP_Diesel	0.0	0.0	16.8	39.4	0.0	0.0	0.0	34.9	23.6	22.1	3.7	0.0	
GT7	0.0	0.0	3.1	7.3	15.9	8.2	2.9	36.3	3.8	0.0	0.0	0.5	
SMALL_GT	0.0	0.0	0.2	0.1	0.8	0.0	0.0	0.0	1.6	0.0	0.0	0.0	
KCCPS 2	0.0	0.0	0.0	3.3	5.6	37.0	29.9	107.4	70.3	75.8	33.6	42.5	
Dakanu Jananee	0.0	0.0	0.0	3.3	4.2	4.5	5.7	16.2	4.1	6.7	1.9	3.4	
Matugama-CEB	0.0	0.1	0.4	1.5	2.4	2.3	2.6	10.0	2.5	1.4	1.0	1.7	
Total CEB Thermal Generation	636.3	641.2	710.2	651.0	697.9	621.3	583.2	668.5	622.6	635.1	676.1	670.6	7,814.1
Prospective Gen. / Energy shortfall													
Total Thermal Generation	692.1	716.6	849.3	798.4	797.4	758.3	732.8	852.8	840.0	859.8	852.4	812.8	9,562.7
Hydro Gen Req'd.	328.3	270.4	318.5	278.9	277.5	255.3	306.8	271.9	256.1	281.8	275.4	339.1	3,460.0
Total Net Generation excluding deficit	1223.5	1163.5	1354.7	1259.5	1352.5	1288.7	1343.3	1375.8	1340.1	1339.4	1283.8	1322.3	15,647.0
Inflow	177	110	171	238	271	215	391	192.6	327.4	436.3	470.7	437.2	3,438.2
Drawdown from reservoirs	-151	-160	-148	-41	-6	-40	85	-79.3	71.3	154.5	195.2	98.1	
STARTING STORAGE	904	753	593	445	404	398	358	437	358	429	583	779	
Month End Storage	753	593	445	404	398	358	437	358	429	583	779	877	
% Storage	0.62	0.49	0.37	0.34	0.33	0.30	0.36	0.3	0.3	0.5	0.6	0.7	

NCRE Breakdown

Bio mass	11.3	11.7	10.9	11.1	14.0	16.5	12.8	8.5	8.3	8.5	8.3	8.5	130.5
Mini Hydro	80.8	61.5	69.6	75.9	113.3	76.9	108.8	53.6	61.0	62.7	55.5	57.3	876.8
Bulk Solar	16.2	16.5	18.4	18.2	17.5	13.2	19.6	27.2	27.3	24.4	19.0	18.5	235.9
Solar RT	47.3	49.0	58.6	59.4	53.0	49.5	51.2	56.7	58.8	55.4	48.4	49.4	636.6
IPP Wind	22.2	18.5	13.8	7.9	38.9	66.2	58.9	60.7	46.5	28.1	12.5	18.5	392.7
CEB Wind	25.1	19.2	15.7	9.6	41.0	52.8	52.4	44.4	42.2	18.6	12.5	18.2	351.7

Revised Budgeted Operating Statement 2023

(New Dispatch with Hydro GWh 3500)

Description	Actual (Rs. Mn)	Estimate (Rs. Mn)	Forecast (Rs. Mn)					Total 2023
	Jan - Jun 23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	
Income								
Sale of Electricity	296,813	53,503	51,401	49,836	50,531	48,588	49,995	600,666
Other Income	6,714	1,587	755	755	755	755	755	12,074
Total Income	303,527	55,090	52,156	50,590	51,285	49,342	50,750	612,740
OPEX								
Generation Cost (Energy)	231,032	38,295	48,539	41,801	39,021	32,877	29,626	461,191
Generation Cost (Capacity)	17,194	6,295	6,319	6,559	6,628	6,590	6,633	56,218
	248,226	44,590	54,858	48,360	45,649	39,467	36,259	517,410
Transmission Cost	4,755	2,263	3,133	3,133	3,133	3,133	3,633	23,183
Distribution Cost	26,040	4,722	6,710	6,710	6,710	6,710	8,210	65,813
Corporate Cost	3,617	483	866	866	866	866	1,366	8,933
Finance Cost	34,607	4,964	3,330	2,127	2,017	2,397	2,348	51,790
Total Cost	317,246	57,022	68,898	61,196	58,376	52,574	51,817	667,129
Net Income Before Taxation	(13,719)	(1,932)	(16,743)	(10,606)	(7,091)	(3,232)	(1,067)	(54,388)
Taxation	-	-	-	-	-	-	-	-
Net Income After Taxation	(13,719)	(1,932)	(16,743)	(10,606)	(7,091)	(3,232)	(1,067)	(54,388)
Other Comprehensive Income	-	-	-	-	-	-	-	-
Total Comprehensive Income for the period	(13,719)	(1,932)	(16,743)	(10,606)	(7,091)	(3,232)	(1,067)	(54,388)
Total Comprehensive Income excl. Other Income	(20,433)	(3,519)	(17,497)	(11,360)	(7,845)	(3,986)	(1,822)	(66,462)

Fuel Prices (Rs./ Ltr/ kg)		
Type	Jul-23	Aug - Dec 2023
Lanka Auto Diesel	308.00	306.00
Naptha	201.00	174.00
Heavy Fuel	204.00	201.00

Coal (Rs./kg)	93.50	93.00/52.00
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