

DECISION ON TRANSMISSION AND BULK SUPPLY TARIFFS

Effective from 1st January 2020

DECISION ON BULK SUPPLY TARIFFS- Jan 2020 – June 2020

In exercising the powers and functions vested with the Public Utilities Commission of Sri Lanka (Commission) under section 3 (d) of the Sri Lanka Electricity Act, No. 20 of 2009 (SLEA) to regulate tariffs and other charges levied by licensees and other electricity undertakings, in order to ensure that the most economical and efficient service possible is provided to consumers, and in accordance with section 30 (2) (a) of SLEA, the Commission has approved a Tariff Methodology.

In accordance with the methodology, the tariffs levied by the transmission licensee for the transmission and bulk sale of electricity (the transmission and bulk sale tariffs) and tariffs levied by the distribution licensee for the distribution and supply of electricity were approved by the Commission and requested licensees to implement with effect from 20th of June 2013, issuing the decision document on electricity tariffs. The transmission and bulk sale tariffs was a forecasted tariffs issued to determine the end use customer tariffs. The forecasted transmission and bulk sale tariffs are calculated and filed once every six months by the transmission license following the procedure defined in the methodology.

The Commission reviewed the transmission and bulk supply tariffs filed by the transmission licensee for the period from January 2020 to June 2020, and hereby approved and requested the transmission licensee to implement the bulk supply tariffs effective from 1st of January 2020.

List of Acronyms

BSOB	Bulk Supply and Operations Business
BST	Bulk Supply Tariffs
CAPEX	Capital Expenditure
CEB	Ceylon Electricity Board
DL	Distribution Licensee: Ceylon Electricity Board and Lanka Electricity Company (Pvt) Ltd
DL1	Distribution and Supply Licensee for CEB Distribution Region 1 holding license number EL/D/09-003
DL2	Distribution and Supply Licensee for CEB Distribution Region 2 holding license number EL/D/09-004
DL3	Distribution and Supply Licensee for CEB Distribution Region 3 holding license number EL/D/09-005
DL4	Distribution and Supply Licensee for CEB Distribution Region 4 holding license number EL/D/09-006
DL5	Distribution and Supply Licensee LECO holding license number EL/D/09-052
FSA	Fuel Supply Agreement
CEB GL	CEB Generation Licensee holding License number
GWh	Gigawatt hour
kVA	kilovolt ampere
kW	kilowatt
kWh	kilowatt hour
LECO	Lanka Electricity Company (Pvt) Ltd.
LKR	Sri Lanka Rupee
LV	Low Voltage
MV	Medium Voltage
MWh	Megawatt hour
NCRE	Non-Conventional Renewable Energy
O & M	Operations & Maintenance
OPEX	Operating Expenditure
PPA	Power Purchase Agreement
Single Buyer	A function of the BSOB
SPPs	Small Power Producers
T&D	Transmission and Distribution
TL	Transmission and Bulk Supply Licensee holding License number EL/T/09-002
TOU	Time of Use
WIP	Work-in-Progress

1 Sales Forecast

Approved sales forecasts for each Distribution Licensee (DL) for year 2020 are shown in Table 1. Customer numbers forecast for year 2020 are shown in Table 2.

Table 1: Sales forecasts filed by the Distribution Licensees for year 2020

Customer category	Forecast sales to end-use customers (GWh)						Forecast monthly maximum demand (MVA)					
	DL1	DL2	DL3	DL4	DL5	Total	DL1	DL2	DL3	DL4	DL5	Total
LV RETAIL												
Households	1,466	1,542	965	844	682	5,500	-	-	-	-	-	-
Religious	37	26	12	13	12	101	-	-	-	-	-	-
General Purpose	683	589	329	298	350	2,249	-	-	-	-	-	-
Industrial	162	101	64	45	30	403	-	-	-	-	-	-
Hotel	0	1	3	1	0	6	-	-	-	-	-	-
Government	8	6	6	5	2	28	-	-	-	-	-	-
Street Lighting allowance	48	46	14	30	22	160	-	-	-	-	-	-
Total LV	2,404	2,312	1,394	1,237	1,098	8,445	-	-	-	-	-	-
LV BULK												
General Purpose 2	546	192	140	114	224	1,216	198	65	49	48	84	445
Industrial 2	412	871	630	363	220	2,495	151	263	174	119	79	787
Hotel 2	50	78	5	54	55	241	9	20	2	15	14	60
Government 2	96	62	22	30	22	232	20	19	6	8	1	54
Total LV bulk	1,105	1,202	796	561	520	4,184	378	367	231	190	178	1,345
MV Bulk												
General Purpose 3	266	73	59	7	4	409	75	16	18	6	8	122
Industrial 3	424	1,089	450	171	49	2,182	105	235	77	38	17	472
Hotel 3	79	2	-	32	10	123	10	1	-	7	2	20
Government 3	5	-	1	11	-	17	1	-	1	2	-	4
Total MV	774	1,164	510	220	63	2,731	191	252	96	53	27	619
Total sales	4,282	4,678	2,700	2,018	1,682	15,360	569	618	327	244	206	1,964

Table 2: Customer number forecast for year 2020

Customer category	Customer number					
	DL1	DL2	DL3	DL4	DL5	Total
LV RETAIL						
Households	1,702,033	1,935,897	1,216,663	970,972	477,790	6,303,355
Religious	14,633	13,635	1,439	5,932	2,633	38,273
General Purpose	233,784	265,881	143,114	119,805	87,426	850,010
Industrial	34,551	13,807	7,856	5,809	2,465	64,488

Hotel	38	100	17	32	-	187
Government	2,136	2,752	2,990	1,485	424	9,787
Total LV	1,987,175	2,232,072	1,372,079	1,104,035	570,739	7,266,100
LV BULK						
General Purpose 2	2,612	1,249	753	807	1,283	6,704
Industrial 2	1,379	1,836	1,222	886	552	5,875
Hotel 2	77	149	15	128	70	439
Government 2	156	162	56	51	47	472
Total LV bulk	4,224	3,396	2,046	1,872	1,952	13,491
MV Bulk						
General Purpose 3	79	25	35	16	3	158
Industrial 3	69	151	60	26	16	322
Hotel 3	10	1	-	6	3	20
Government 3	2	-	1	1	-	4
Total MV	160	177	96	49	22	504
Unbilled customers	-	-	-	-	21,804	21,804
Total for each DL	1,991,559	2,235,645	1,374,221	1,105,956	594,517	7,301,898

2 ALLOWED REVENUE

2.1 Allowed revenue for 2020

Transmission allowed revenue and distribution allowed revenues were adjusted as per sections 2.3.2.9 and 3.1.2.8 of the approved *Tariff Methodology* respectively. Approved allowed revenues for 2020 (according to *Decision on Revenue Caps and Bulk Supply Tariffs, 2016-2020*) were adjusted with the CAPEX Clawback of 2018 and then used to arrive at the allowed revenues for year 2020. The below mentioned sales forecasts (Table 03) and relevant indices (Table 04) are used for the calculation.

Table 3 – Sales forecast used for the revenue control formula

Forecast - Number of Consumers					
Year	DL1	DL2	DL3	DL4	DL5
2019	1,892,801	2,277,842	1,347,098	1,075,837	585,444
2020	1,991,559	2,235,645	1,374,221	1,105,956	594,517
Forecast - Energy (GWh)					
2019	4,112	4,643	2,587	2,002	1,628
2020	4,282	4,678	2,700	2,018	1,682

Table 4 – Indices used for the revenue control formula

Relevant Indices			
Year	LKR/USD	CCPI	PPIUS(capital equipment)
Nov-18	181.46	126.20	175.30
Nov-19	180.43	131.70	178.00
Percentage change	-0.57%	4.36%	1.54%

2.1.1 Capital expenditure claw back for 2018

Table 7 – Capital expenditure claw back for 2018

capex claw back - 2018	Unit	DL1	DL2	DL3	DL4	DL5	TL
Depreciation	LKR Million	229.7	228.0	40.4	67.7	46.1	0.0
ROA (2%)	LKR Million	93.6	40.4	29.3	0.0	14.6	0.0

2.1.2 Allowed revenue

Table 8 – Approved Distribution Variable Revenue Cap

	Unit	DL1	DL2	DL3	DL4	DL5
Revenue cap- 2019	LKR Million	12,487.5	16,859.8	9,262.3	8,613.9	4,590.5
Revenue cap- 2020	LKR Million	13,344.2	17,289.7	9,784.2	8,998.8	4,820.8
CAPEX Claw back- 2018	LKR Million	323.3	268.4	69.8	67.7	60.7
Distribution Revenue cap approved for 2020	LKR Million	13,020.8	17,021.3	9,714.5	8,931.1	4,760.1

Table 9 – Approved Retail Services Price Cap

	Unit	DL1	DL2	DL3	DL4	DL5
Retail Services Price Cap - 2019	LKR/customer	555.67	514.54	635.68	658.86	1,056.21
Approved Retail Services Price Cap for 2020	LKR/customer	579.89	536.96	663.38	687.57	1102.24

Table 10 – Approved Transmission Revenue Cap

	Unit	TL
Revenue cap- 2019	LKR Million	11,101.7
Revenue cap- 2020	LKR Million	11,397.2
CAPEX Claw back- 2018	LKR Million	0.0
Revenue cap approved for 2020	LKR Million	11,397.2

Table 11 – Approved BSOB Revenue Cap

	Unit	BSOB
Revenue cap- 2019	LKR Million	1,443.0
Revenue cap approved for 2020	LKR Million	1505.9

3 APPROVED LOSSES FOR THE PERIOD

The network loss targets are shown in Table 12 below.

Table 12- Approved Network Loss for 2020

Licensee	DL 1	DL 2	DL 3	DL 4	DL 5	TL
Loss target for 2020	5.60%	5.94%	6.54%	6.80%	4.02%	1.71%

4 GENERATION COSTS

The approved generation dispatch for Jan 2020 – Jun 2020 is shown in Table 13 below.

Table 13- Dispatch Approved by the Commission for Jan 2020 – Jun 2020

Plant\Month	Code	Unit	Month of the year 2020						Total
			Jan	Feb	Mar	Apr	May	Jun	
Independent Power Producers (IPPs)									
Sojitz Kelanitissa – 165 MW	Sojitz	GWh	109.2	98.6	109.2	99.0	105.5	103.3	624.6
Kerawalapitiya – 270 MW	CCKW	GWh	171.1	156.4	179.7	140.7	146.4	155.6	949.8
ACE - Matara - 20 MW	DMAT	GWh	9.9	9.2	10.9	8.4	9.1	8.4	55.9
ACE - Embilipitiya - 99MW	DEMB	GWh	45.1	40.6	53.6	38.6	41.6	39.8	259.2
TOTAL IPP		GWh	335.2	304.8	353.3	286.7	302.6	307.0	1889.6
CEB GL's Thermal Generation									
Sapu Old 4 x 18 MW	DSP1	GWh	30.4	27.4	30.4	29.4	30.4	29.4	177.2
Sapu Ext. 8 x 9 MW	DSP2	GWh	38.2	34.5	38.2	36.5	38.0	36.8	222.1
KPS GT 1 x 115 MW	GT07	GWh	35.2	34.8	45.6	0.0	0.0	0.0	115.5
KPS GT 5 x 17 MW	GT16	GWh	3.4	5.3	5.3	3.6	6.7	4.2	28.4
KPS Combined – 165 MW	CCKP	GWh	0.0	0.0	0.0	89.8	99.5	85.7	274.9
Coal – Puttlam 300 MW	CPUT	GWh	429.9	464.1	513.8	497.3	429.9	331.5	2666.5
Total CEB GL's Thermal Generation		GWh	537.0	566.0	633.2	656.5	604.5	487.5	3484.7
Renewable energy									
Rooftop Solar PV		GWh	2.7	7.8	2.7	8.5	15.4	10.0	47.0
Renewable energy	NCRE	GWh	113.9	94.0	107.8	120.9	182.8	210.2	829.6
Total Renewable energy		GWh	116.5	101.9	110.4	129.4	198.1	220.2	876.5
Northern generation									
Chunnakam	DCHU	GWh	0.2	0.2	0.2	0.2	0.2	0.2	1.2
New Chunnakam	DNCHU	GWh	12.1	11.5	14.4	9.7	9.1	10.1	66.9
Total Northern generation		GWh	12.3	11.7	14.6	9.9	9.3	10.3	68.1
CEB GL's Hydropower Generation									
		GWh	415.1	339.2	406.6	331.3	386.4	459.1	2337.7
Total Generation		GWh	1,416.1	1,323.6	1,518.2	1,413.7	1,500.9	1,484.2	8,656.7

Forecast system coincident peak generation demand and the approved monthly capacity costs of each generation plant/ hydro scheme are shown in Table 14 and Table 15 below.

Table 14- Forecast system coincident peak demand for Jan 2020 – Jun 2020

Item\Month	Unit	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
System Coincidental Peak demand	MW	2,617	2,630	2,835	2,673	2,624	2,630

Table 15- Approved Capacity payments to GL by TL for Jan 2020 – June 2020

Plant\Month	Unit	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Mahaweli	LKR Million	678.8	678.8	678.8	678.8	678.8	678.8
Laxapana	LKR Million	264.4	264.4	264.4	264.4	264.4	264.4
Other Hydro	LKR Million	244.2	244.2	244.2	244.2	244.2	244.2
GTSM	LKR Million	251.3	251.3	251.3	251.3	251.3	251.3
DSP	LKR Million	265.3	265.3	265.3	265.3	265.3	265.3
DSPX	LKR Million	289.4	289.4	289.4	289.4	289.4	289.4
DAPL*	LKR Million	-	-	-	-	-	-
CCKP	LKR Million	487.1	487.1	487.1	438.1	438.1	438.1
Sojitz	LKR Million	61.5	57.5	61.5	59.5	61.5	59.5
DEMB*	LKR Million	-	-	-	-	-	-
DMAT*	LKR Million	-	-	-	-	-	-
BARGE*	LKR Million	-	-	-	-	-	-
CCKW	LKR Million	874.4	818.0	874.4	846.2	907.3	878.0
CPUT	LKR Million	1,919.2	1,919.2	1,919.2	1,919.2	1,919.2	1,919.2
RENW	LKR Million	-	-	-	-	-	-
GT7	LKR Million	425.1	425.1	425.1	445.4	445.4	445.4
DCHU	LKR Million	8.9	8.9	8.9	8.9	8.9	8.9
DNOR	LKR Million	91.1	94.1	91.1	94.1	94.1	91.1
DNCHU	LKR Million	67.6	67.6	67.6	67.6	67.6	67.6
50MW Thulhiriya*	LKR Million	-	-	-	-	-	-
50MW Kolonnawa*	LKR Million	-	-	-	-	-	-
50MW Mathugama*	LKR Million	-	-	-	-	-	-
Vpower Horana*	LKR Million	-	-	-	-	-	-
TOTAL	LKR Million	5,928.2	5,870.8	5,928.2	5,872.3	5,935.4	5,901.1
Depreciation Provision Excluded from CEB GL	LKR Million	1,159.8	1,159.8	1,159.8	1,159.8	1,159.8	1,159.8
Return of Equity allowed for CEB GL	LKR Million	232.0	232.0	232.0	232.0	232.0	232.0

	Unit	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Generation Capacity cost	LKR /MW	1,910,424.27	1,879,305.36	1,763,663.46	1,849,940.09	1,908,500.04	1,890,651.10

* Notes:

- The Capacity costs of Asia power, Ace Matara and Ace Embilipitiya were removed as their licenses have been expired. Further the Capacity cost of Barge, 50MW Diesel power (Thulhiriya, Kolonnawa, and Mathugama), Vpower Horana, can't be allowed as the Licenses have not been issued.
- Though Northern Power Pvt Ltd power plant is not operating as per a Court order, capacity cost was allowed.
- Depreciation on CEB generation plants was removed and a Return on Equity was allowed.

Forecast monthly generation from each generation plant along with approved average cost (LKR/kWh) is shown in Table 16 below.

Table 16- Approved Energy Payments to GL by TL for Jan 2020 – June 2020

Plant\Month	Unit	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Mahaweli, Laxapana and Other Hydro	GWh	415.1	339.2	406.6	331.3	386.4	459.1
	LKR /kWh	-	-	-	-	-	-
GTSM	GWh	3.4	5.3	5.3	3.6	6.7	4.2
	LKR /kWh	51.72	49.97	49.93	51.48	49.31	50.82
DSP	GWh	30.4	27.4	30.4	29.4	30.4	29.4
	LKR /kWh	24.25	24.48	24.25	24.32	24.25	24.32
DSPX	GWh	38.2	34.5	38.2	36.5	38.0	36.8
	LKR /kWh	22.98	23.18	22.98	23.07	22.99	23.05
DAPL*	GWh	-	-	-	-	-	-
	LKR /kWh	-	-	-	-	-	-
CCKP	GWh	-	-	-	89.8	99.5	85.7
	LKR /kWh	-	-	-	18.84	19.13	18.71
Sojitz	GWh	109.2	98.6	109.2	99.0	105.5	103.3
	LKR /kWh	23.54	23.54	23.54	23.54	23.52	23.53
DMAT	GWh	9.93	9.25	10.91	8.39	9.08	8.38
	LKR /kWh	16.02	15.39	15.53	14.31	15.29	16.33
DEMB*	GWh	45.1	40.6	53.6	38.6	41.6	39.8
	LKR /kWh	16.02	15.39	15.53	14.31	15.29	16.33
BARGE*	GWh	-	-	-	-	-	-
	LKR /kWh	-	-	-	-	-	-
CCKW	GWh	171.1	156.4	179.7	140.7	146.4	155.6
	LKR /kWh	25.17	25.25	25.13	25.35	25.30	25.26
CPUT	GWh	429.9	464.1	513.8	497.3	429.9	331.5
	LKR /kWh	6.94	6.89	6.82	6.84	6.94	7.16

RENEW	GWh	113.9	94.0	107.8	120.9	182.8	210.2
	LKR /kWh	19.26	19.99	20.05	19.48	18.59	18.98
GT7	GWh	35.2	34.8	45.6	-	-	-
	LKR /kWh	38.52	38.53	38.27	-	-	-
DCHU	GWh	0.2	0.2	0.2	0.2	0.2	0.2
	LKR /kWh	33.96	33.96	33.96	33.96	33.96	33.96
DNCHU	GWh	12.1	11.5	14.4	9.7	9.1	10.1
	LKR /kWh	23.30	23.42	22.93	23.87	24.04	23.73
50MW Thulhiriya*	GWh	-	-	-	-	-	-
	LKR /kWh	-	-	-	-	-	-
50MW Kolonnawa*	GWh	-	-	-	-	-	-
	LKR /kWh	-	-	-	-	-	-
50MW Mathugama*	GWh	-	-	-	-	-	-
	LKR /kWh	-	-	-	-	-	-
Vpower Horana*	GWh	-	-	-	-	-	-
	LKR /kWh	-	-	-	-	-	-
Rooftop Solar PV	GWh	2.7	7.8	2.7	8.5	15.4	10.0
	LKR /kWh	22.00	22.00	22.00	22.00	22.00	22.00
Self generation	GWh	-	-	-	-	-	-
	LKR /kWh	36.00	36.00	36.00	36.00	36.00	36.00

Total generated energy	GWh	1,416.1	1,323.6	1,518.2	1,413.7	1,500.9	1,484.2
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Monthly energy cost	LKR Million	16,425.1	15,634.6	17,770.1	16,182.6	17,748.5	17,353.7
Total Energy cost for six-months	LKR Million	101,114.7					
Total energy dispatch for six-months	GWh	8,656.7					
Six-month average energy cost	LKR/kWh	11.88					

* Notes:

- Due to the expiration of the licenses, only the weighted average energy costs of the thermal power plants were allowed as the energy costs of Ace Matara and Embilipitiya.
- Due to the absence of the license, energy generation of Barge, Asia power, 50MW Diesel power (Thulhiriya, Kolonnawa, and Mathugama), Vpower Horana, were removed and added to Hydro.

5 ENERGY COSTS IN EACH INTERVAL FOR TOU PRICING

Using the approved Methodology, the Commission has determined that the peak adjustment factors to be as given in Table 17 below.

Table 17- Approved Peak Adjustment Factors

Time interval for TOU pricing	Factor	Value
0530-1830	k1	1
1830-2230	k2	1.3
2230-0530	k3	0.6

The energy dispatches and costs in each interval are provided in Table 18 below. The Commission has assessed the energy dispatches in each interval using historic information on the load profile on typical weekdays, week-ends and holidays.

Table 18- Monthly Energy Dispatches and Costs in the TOU Regime for Jan 2020 – Jun 2020

	Unit	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Generation Energy cost	LKR/kWh	11.60	11.81	11.70	11.45	11.83	11.69

Month 1 - Block tariffs				
Block	Energy generated (GWh)	Block Factor (#)	Adjusted Factor (#)	Charge (LKR/kWh)
B1 (Day)	804.4	1	1.01	11.76
B2 (Peak)	321.5	1.3	1.32	15.29
B3 (Off peak)	290.3	0.6	0.61	7.06

Month 2 - Block tariffs				
Block	Energy generated (GWh)	Block Factor (#)	Adjusted Factor (#)	Charge (LKR/kWh)
B1 (Day)	751.8	1	1.01	11.98
B2 (Peak)	300.5	1.3	1.32	15.57
B3 (Off peak)	271.3	0.6	0.61	7.19

Month 3 - Block tariffs				
Block	Energy generated (GWh)	Block Factor (#)	Adjusted Factor (#)	Charge (LKR/kWh)
B1 (Day)	862.3	1	1.01	11.87
B2 (Peak)	344.6	1.3	1.32	15.43
B3 (Off peak)	311.2	0.6	0.61	7.12

Month 4 - Block tariffs				
Block	Energy generated (GWh)	Block Factor (#)	Adjusted Factor (#)	Charge (LKR/kWh)
B1 (Day)	803.0	1	1.01	11.61
B2 (Peak)	320.9	1.3	1.32	15.09
B3 (Off peak)	289.8	0.6	0.61	6.97

Month 5- Block tariffs				
Block	Energy generated (GWh)	Block Factor (#)	Adjusted Factor (#)	Charge (LKR/kWh)
B1 (Day)	852.5	1	1.01	11.99
B2 (Peak)	340.7	1.3	1.32	15.59
B3 (Off peak)	307.7	0.6	0.61	7.20

Month 6 - Block tariffs				
Block	Energy generated (GWh)	Block Factor (#)	Adjusted Factor (#)	Charge (LKR/kWh)
B1 (Day)	843.0	1	1.01	11.86
B2 (Peak)	336.9	1.3	1.32	15.41
B3 (Off peak)	304.3	0.6	0.61	7.11

6 COMBINED COSTS OF SINGLE BUYER, AND TRANSMISSION AND BSOB

The allowed capacity costs of generation and energy costs of generation have been combined with the allowed transmission and BSOB costs to calculate the Bulk Supply Tariffs (BST) for sales by the TL to DLs. The approved average BST in each month in each TOU interval is given in Table 19 below and Table 20 provides the six-month average.

Table 19- Combined Transfer Price from TL to DLs for Jan 2020 – Jun 2020

Capacity Charge							
	Unit	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Generation capacity	LKR /MW	1,910,424.27	1,879,305.36	1,763,663.46	1,849,940.09	1,908,500.04	1,890,651.10
Transmission	LKR /MW	362,862.80	361,093.12	334,987.29	355,344.85	361,976.02	361,062.92
Bulk Supply and Operation Business	LKR /MW	233,597.64	232,458.39	141,584.19	150,188.42	1,010,923.66	1,131,925.79
BST (C)	LKR /MW	2,506,884.71	2,472,856.86	2,240,234.94	2,355,473.37	3,281,399.72	3,383,639.81

BST (C)6-Month Weighted average	LKR/MW	2,699,781.04
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Energy Charge							
Month	Unit	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20

Interval 1 (day)

Transmission Loss Factor B1	%	1.76%	1.76%	1.76%	1.76%	1.76%	1.76%
Generation energy Cost B1	LKR /kWh	11.76	11.98	11.87	11.61	11.99	11.86
BST (E1)	LKR/kWh	11.97	12.19	12.08	11.81	12.20	12.07

Interval 2 (peak)

Transmission Loss Factor B2	%	2.24%	2.24%	2.24%	2.24%	2.24%	2.24%
Generation energy Cost B2	LKR /kWh	15.29	15.57	15.43	15.09	15.59	15.41
BST (E2)	LKR/kWh	15.63	15.92	15.78	15.43	15.94	15.76

Interval 3 (off peak)

Transmission Loss Factor B3	%	1.24%	1.24%	1.24%	1.24%	1.24%	1.24%
Generation energy Cost B3	LKR /kWh	7.06	7.19	7.12	6.97	7.20	7.11
BST (E3)	LKR/kWh	7.15	7.28	7.21	7.05	7.28	7.20

Table 20- Approved Six-month Average Bulk Supply Tariffs for Jan 2020 – Jun 2020

	Unit	BST (E)
BST day (E1) 6-Month weighted average	LKR/kWh	12.05
BST peak (E2) 6-Month weighted average	LKR/kWh	15.74
BST off-peak (E3) 6-Month weighted average	LKR/kWh	7.20

BST = Bulk Supply Tariff, means the average transfer price from Transmission to Distribution Licensees

E1, E2, E3 refer to the energy delivered in the three-time intervals in the time-of-use tariffs regime. ie 0530-1830, 1830-2230 and 2230-0530, respectively.

7 APPROVED BST FROM TL TO EACH DL

Owing to the requirement to maintain a Uniform National Tariff (UNT) and owing to the varying customer mix among Distribution Licensees, the BST to each DL was adjusted, to enable each Distribution Licensee to recover their full allowed revenues. The summary calculation and the approved BSTs are shown in Table 21.

The Transmission Licensee is hereby directed to invoice each Distribution Licensee at the rates shown in Table 21 as (i) Approved BST for payment on Coincident Maximum, and (ii) Approved BST for energy in each TOU interval.

Table 21- Approved BST from Transmission to each Distribution Licensee for Jan 2020 – Jun 2020

Description	Units	DL1: CEB Region 1	DL2: CEB Region 2	DL3: CEB Region 3	DL4: CEB Region 4	DL5: LECO	Total
Sales to end-use customers – 2020 (Jan-Dec)	GWh	4,282	4,678	2,700	2,018	1,682	15,360
Revenue based on approved customer tariffs – 2020 (Jan-Dec)	LKR Million	79,248.8	73,711.5	48,735.9	32,880.4	31,644.4	266,221.1
Coincident peak demand for purchases from Transmission	MW	707	773	520	373	295	-
Approved BST for payment on Coincident Maximum Demand	LKR/MW/month	2,699,781.04	2,699,781.04	2,699,781.04	2,699,781.04	2,699,781.04	-
Amount payable to Transmission on account of Demand (Jan – Jun 2020)	LKR Million	11,456.3	12,525.0	8,424.6	6,039.2	4,778.3	43,223.4
Allowed losses (2020)		5.60%	5.94%	6.54%	6.80%	4.02%	-
Revenue to be recovered by Transmission through energy charges (Jan – Jun 2020)	LKR Million	20,902.5	15,068.2	10,526.2	5,491.9	8,264.5	60,253.3
Energy sold from Transmission at MV (Jan – Jun 2020)	GWh	2,218	2,427	1,407	1,052	874	7,978
Approved BST for energy in each TOU interval							
Peak (1830-2230)	LKR/kWh	12.48	8.22	9.91	6.92	12.53	-
Off Peak (2230-0530)	LKR/kWh	5.71	3.76	4.53	3.16	5.72	-
Day (0530-1830)	LKR/kWh	9.56	6.30	7.59	5.30	9.59	-