Suo-motu determination of tariff for the financial Years 2016-17 & 2017-18

KERALA STATE ELECTRICITY REGULATORY COMMISSION

Legal background

- Section –62 and Section-64 of the Electricity Act 2003, deal with determination of tariff.
  - As per section-64 of the Electricity Act-2003, KSEB Ltd has to make an application for determination of tariff under section-62 of the Electricity Act-2003, in such manner and accompanied by such fee, as may be determined by regulations.
- Under Section-61 of the Electricity Act-2003, the Commission vide the notification No. 787/ SEA/ 2011/ KSERC dated 14th November 2014 has published the KSERC (Terms and Conditions for determination of Tariff) Regulations, 2014 [Tariff Regulations 2014].

Provisions in the Tariff Regulation 2014

- Tariff Regulation 2014,
  - Specifies the technical and financial norms for determination of tariff applicable to Strategic Business Units (SBUs) of KSEB Ltd, including Generation, Transmission and Distribution.
  - Also specify the principles, procedures, methodology and time lines for filing ARR & ERC of each licensee in the State including KSEB Ltd.
  - Also specifies the normative values for determination of various components of ARR & Tariff applicable to the first control period 2015-16 to 2017-18.
  - As per the Regulation 11(1), the application for approval of ARR and determination of tariff for the first year of the first control period 2015-16 to 2017-18 should be filed before the Commission on or before 31-12-'14.
  - Regulation 11(2) stipulate that, during the subsequent years, the application for approval of the revised ARR, if any, for the ensuing financial year and determination of tariff for the ensuing financial year shall be filed, on or before 30th November of every subsequent financial year.

First and Second Transfer Scheme under section 131 of the E-Act-03, re-organising the erstwhile KSEB

- As per the First Transfer Scheme issued by the Government vide the GO (Ms) 37/2008/PD dated 25-9-2008, the assets, liabilities, rights, interests of the erstwhile KSEB stood transferred to and vested in Government.
- As per the second transfer scheme issued vide G.O (P) No. 46/2013/PD dated 31-10-2013, the assets, liabilities, rights, interests of the erstwhile KSEB which were vested in the Government as per First Transfer Scheme, were re-vested in the three Strategic Business Units (SBUs) namely, SBU-G, SBU-T and SBU-D under a Government company namely, KSEB Ltd.
- As per the second transfer scheme, the above SBUs shall under take the functions of the generating company, STU and the distribution licensee.
- Sub-clause (viii) of clause 3 of the Second Transfer Scheme stipulates as follows,-

  Within the provisional period of one year from the date of re-vesting, the accounts of three SBUs will be segregated by the transferee so as to facilitate the evaluation of financial performance of these units. Separate balance sheet will be prepared for the three SBUs and suitable transfer pricing mechanism between the SBUs shall be worked out by the transferee taking into consideration the financial soundness of the three SBUs.
- As per the section 31(2), first proviso to section 39(1) and third proviso to section 41 of the Act, the SBU-T and SBU-D shall function independent of each other.

Writ petition WP 465/2015(G)

- KSEB Ltd has filed Writ Petition against the Tariff Regulations, 2014, before the Hon’ble High Court of Kerala.
- Hon’ble High Court vide the interim order dated 7-1-2015 had ordered that,

  ‘the tariff petition if any submitted by the petitioner KSEB Ltd shall not be rejected on the basis of Tariff Regulations, 2014’
- The Tariff Regulations, 2014 repeals earlier regulations issued by the Commission for determination of tariff.

ARR &ERC filed by KSEB Ltd for the year 2015-16

- KSEB Ltd has filed the application of approval of ARR&ERC for the year 2015-16, before the Commission on 30-03-2015.
  - Single year application, exclusively for the year 2015-16.
  - Composite ARR, without segregating the accounts of SBU-G, SBU-T and SBU-D.
  - Not prepared and filed according to the relevant provisions of the Tariff Regulations, 2014.
  - Did not file proposals for determination of tariff.

- Hon'ble High Court has not imposed any stay on the implementation of the Tariff Regulations, 2014.

- Commission sought clarification from the Hon'ble High Court on implementation of the interim order dated 7-1-2015.

- Duly complying the interim order of the Hon'ble High Court dated 07-01-2015, the Commission has not rejected the application for ARR&ERC for the year 2015-16, However, the Commission could not process the application for want of clarification from the Hon'ble High Court.

Details of the latest Tariff orders issued in the FY 2014-15 and its extension till 31-03-2016

- The Commission vide the orders dated 14-08-2014, 25-09-2014 and 30-09-2014 in OP No. 9/2014 has determined the retail supply tariff (RST), bulk supply tariff (BST) and transmission charges, wheeling charges etc for the year 2014-15 (valid up to 31-03-2015).
- The Commission had, in view of the pendency of the order of the Hon'ble High Court dated 7-1-2015, extended the validity of the said orders till 31-03-2016, vide the orders detailed below.
- The Commission, further extended the validity of the above orders till 31-01-2017.

Reasons for initiating suo-motu tariff revision..

- KSEB Ltd has not filed the application for approval of ARR for the year 2016-17, 2017-18 and determination of tariff for the year 2016-17, till date.
  - Though as per the section-64 of the Electricity Act-2003 and Regulation 11(2) of the Tariff regulations, 2014, KSEB Ltd has to file the same before the Commission on or before 30th November-2015.
  - The Commission vide the letter dated 31-03-2016 communicated to the KSEB Ltd that, the validity of the tariff orders dated 14-08-2014, 25-09-2014 and 30-09-2014 expires on 31-03-2016 and to take appropriate action.
  - However, KSEB Ltd has not filed any proper application for determination of tariff.

Provisions in the National Tariff Policy 2016

- Paragraph 8.1.7 of the National Tariff Policy 2016 notified by the Central Government stipulate as follows.

  “7)Appropriate Commissions should initiate tariff determination and regulatory scrutiny on a suomoto basis in case the licensee does not initiate filings in time. It is desirable that requisite tariff changes come into effect from the date of commencement of each financial year and any gap on account of delay in filing should be on account of licensee.”.

Judgment of Hon'ble APTEL dated 11-11-2011 in OP No. 1/2011

- ***Every State Commission has to ensure that Annual Performance Review, true-up of past expenses and Annual Revenue Requirement and tariff determination is conducted year to year basis as per the time schedule specified in the Regulations.***

- ***It should be the endeavour of every State Commission to ensure that the tariff for the financial year is decided before 1st April of the tariff year. For example, the ARR & tariff for the financial year 2011-12 should be decided before 1st April, 2011. The State Commission could consider making the tariff applicable only till the end of the financial year so that the licensees remain vigilant to follow the time schedule for filing of the application for determination of ARR/tariff.***

- ***In the event of delay in filing of the ARR, truingup and Annual Performance Review, one month beyond the scheduled date of submission of the petition, the State Commission must initiate suo-moto proceedings for tariff determination in accordance with Section 64 of the Act read with clause 8.1 (7) of the Tariff Policy.***

- ***In determination of ARR/tariff, the revenue gaps ought not to be left and Regulatory Asset should not be created as a matter of course except where it is justifiable, in accordance with the Tariff Policy and the Regulations. The recovery of the Regulatory Asset should be time bound and within a period not exceeding three years at the most and preferably within Control Period. Carrying cost of the Regulatory Asset should be allowed to the utilities in the ARR of the year in which the Regulatory Assets are created to avoid problem of cash flow to the distribution licensee.***

- ***Truing up should be carried out regularly and preferably every year. For example, truing up for the financial year 2009-10 should be carried out along with the ARR and tariff determination for the financial year 2011-12.***

Initiation of suo-motu determination of tariff for the year 2016-17

- In exercise of the powers conferred on the Commission under Section 61, Section 62 and Section 64 of the Electricity Act, 2003, read with the provisions of Tariff Regulations, 2014, and other powers enabling it in this behalf and in compliance of the order dated 11.11.2011 of the Hon'ble APTEL in OP No. 1/2011, initiated the process to determine the tariff on suo-motu, in accordance with the principles and procedures as specified in the Tariff Regulations, 2014.
- Initiated the suo-motu determination of tariff for the year 2016-17 & 2017-18 on 22nd June 2016
- Public hearing conducted on 27-07-2016

Energy sale approved for the years 2016-17 and 2017-18

LT Category	2016-17	2017-18
Domestic	10648.42	11393.81
Commercial	3028.51	3249.06
Industrial	1109.91	1116.63
Agricultural	283.41	287.4
Street Lights	378.45	390.67
LT II	7.90	8.60
Advertisement & Hoardings	1.73	1.78
LT Total	15458.34	16447.94
HT Category		
HT I	1929.26	2009.59
HT II	730.07	766.58
HTIII	6.85	7.05
HT IV	622.01	653.11
HT V	11.18	11.74
HT Total	3299.36	3448.06
EHT Category		
EHT-66kV	240.46	248.03
EHT-110kV	679.78	700.99
EHT-220kV	34.43	35.12
EHT General(66kV,110kV&220kV)	71.87	75.54
Railway Traction	232.06	242.03
Bulk Licensees/ consumers	609.39	642.3
EHT Total (including Railway traction and Bulk licensees)	1867.99	1944.01
Total	20625.7	21840.03

Transmission loss of SBU-T and Distribution loss of SBU-D

Sl No	Particulars	2016-17	2017-18
1	Net energy input into the SBU-T of the KSEB L system (net internal generation + net power purchase at KSEBL periphery) (in MU)	23955.52	25292.5
2	Transmission loss in percentage	4.50%	4.50%
3	Transmission loss in MU	1078	1138.16
4	EHT sales (MU)	1867.99	1944.01
5	HT& LT sale (MU)	18757.71	19896
6	Total energy sale	20625.7	21840
7	Net energy input to Distribution system for sale at HT & LT level (MU)= (1)-(3+4)	21009.53	22210.3
8	Distribution loss in MU = (7)-(5)	2251.82	2314.26
9	Distribution loss in percentage = (8)/(7)	10.72%	10.42%
10	HT Sale	3299.00	3448.06
11	Distribution loss for providing supply at HT level (%)	5.50%	5.50%
12	Distribution loss incured for HT sale (MU)	192.01	200.68
13	Net energy available for LT supply (MU)= (7)-(10)-(12)	17518.52	18561.54
14	LT sale (MU)	15458.34	16447.94
15	Distribution loss associated with LT supply = (13)-(14)	2060.18	2113.60
16	Distribution loss in (%) for providing supply at LT Level= (15/(13)	11.76%	11.39%
17	Combined Transmission and Ditribution loss in MU = (3)+(12)+(15)	3330.19	3452.44
18	Combined T&D Loss in (%) = (17)/(1)	13.90%	13.65%

Depreciation for the year 2016-17 & 2017-18

- Vide the tariff order dated 14-08-2014, the Commission had approved the depreciation at Rs 414.80 crore for the year 2014-15.
- Since KSEB Ltd has not provided details of the assets addition for the years 2015-16 and 2016-17, the Commission provisionally approve the depreciation the years 2016-17 & 2017-18 at Rs 414.80 crore.
- The depreciation so approved is apportioned among SBU-G, SBU-T and SBU-D in the ratio of GFA.
- The SBU wise depreciation approved for the year 2016-17 and 2017-18 is detailed below.

SBU's	Gross fixed asset as on 31-10-2013* (Rs. Cr)	(%) of GFA	Depreciation (Rs. Cr)
SBU-G	3658.9	41.57	172.43
SBU-T	3909.6	44.42	184.25
SBU-D	1233.4	14.01	58.12
Total	8801.8	100.00	414.80
* Excluding assets created out of consumer contribution			

Interest and Finance charges for the years 2016-17 and 2017-18

- Total outstanding loans and bonds as on 31-03-2016 as Rs 3753.51 crore and provided interest at Rs 412.85 crore @11% for the years 2016-17 and 2017-18.
- GPF balance as on 01-04-2016 is taken as Rs 1500.00 crore and 01-04-2017 is taken as Rs 1600.00 crore. Interest on GPF provided at @8.75%. The interest on GPF is apportioned among SBU-G, SBU-T and SBU-D in the employee ratio among each SBU.
- Interest on security deposit- interest @8% provided on 70% of the security deposit claimed by KSEB Ltd.
- Interest on bonds issued to master trust provided at Rs 814.00 crore for the year 2016-17 and 2017-18. The same may be apportioned among SBU-G, SBU-T and SBU-D in the employee ratio among each SBU.

Interest and finance charges approved for the year 2016-17 and 2017-18

Sl No	Particulars	SBU-G		SBU-T		SBU-D		Total	
		2016-17 (Rs. Cr)	2017-18 (Rs. Cr)	2016-17 (Rs. Cr)	2017-18 (Rs. Cr)	2016-17 (Rs. Cr)	2017-18 (Rs. Cr)	2016-17 (Rs. Cr)	2017-18 (Rs. Cr)
1	Interest on outstanding capital liabilities	171.62	171.62	183.39	183.39	57.84	57.84	412.85	412.85
2	Interest on security deposit					120.12	129.64	120.12	129.64
3	Interest on GPF	6.76	7.21	14.04	14.98	110.44	117.81	131.24	140.00
4	Other interest	0.52	0.52	1.07	1.07	8.41	8.41	10.00	10.00
5	Interest on bonds to be issued to master trust	41.94	41.94	87.14	87.14	684.98	684.98	814.06	814.06
	Total	220.84	221.29	285.64	286.58	981.79	998.68	1488.27	1506.55

Return on Equity (RoE)

- RoE approved at Rs 489.86 crore , @14% on the equity of Rs 3499.00 crore (Regulation 35, Regulation, 29 of the Tariff Regulations, 2014).
- RoE apportioned among SBU-G, SBU-T and SBU-D in the ratio of GFA

SBU's	GFA as on 31-10-2013* (Rs. Cr)	(%) of GFA	Return on equity for 2016-17 & 2017-18 (Rs. Cr)
SBU-G	3658.9	41.57	203.63
SBU-T	3909.6	44.42	217.59
SBU-D	1233.4	14.01	68.64
Total	8801.8	100.00	489.86

* Excluding asset created out of consumer contribution

SBU-G. O&M cost provisionally approved for the years 2016-17 & 2017-18

Particulars	2016-17 (Rs. Cr)	2017-18 (Rs. Cr)
O&M cost for existing stations	72.07	76.28
O&M cost additional capacity commissioned after notifying the Tariff Regulations, 2014	3.64	3.85
Total	75.71	80.13

Summary of the provisionally assessed ARR of the SBU-G of KSEB Ltd for **the** years 2016-17 and 2017-18

Particulars	2016-17 (Rs. Cr)	2017-18 (Rs. Cr)
Interest & Finance charges	220.84	221.29
Depreciation	172.43	172.43
O&M expenses	75.71	80.13
RoE	203.63	203.63
Total ARR	672.61	677.48

SBU-T. Number of bays and Ckt-km

		Bays	Ckt-km
	400KV	6	
	220KV	210	2801.2
	110KV	1350	4299.67
2014-15	66KV	840	2202.81
As on 31-3-2015	**Total**	**2406**	**9303.68**
	400KV	7	
	220KV	214	2801.883
	110KV	1396	4366.34
2015-16	66KV	849	2208.81
As on 31-3-2016	**Total**	**2466**	**9377.033**
	400KV	**7**	
	220KV	240	2951.883
	110KV	1510	4586.34
2016-17	66KV	860	2218.81
As on 31-3-2017	**Total**	**2617**	**9757.033**
	400KV	**10**	
	220KV	275	3101.883
	110KV	1660	4836.34
2017-18	66KV	875	2228.81
As on 31-3-2018	**Total**	**2820**	**10167.03**

O&M cost for SBU-T approved for the year 2016-17 and 2017-18

	2016-17	2017-18
O&M Norms- Transmission		
O&M expenses per bay (Rs. Lakh)	5.54	5.86
O&M expense per ckt.km (Rs. Lakh	0.61	0.65
Bays (No)(previous year)	2466	2617
Line length (Ckt.km) (previous year)	9377	9757
O&M expenses Transmission (Rs.Cr)	193.82	216.78

Summary of the provisionally assessed ARR of the SBU-T of KSEB Ltd for the years 2016-17 and 2017-18

Particulars	2016-17 (Rs. Cr)	2017-18 (Rs. Cr)
Interest & Finance charges	285.64	286.58
Depreciation	184.25	184.25
O&M expenses	193.82	216.78
RoE	217.59	217.59
Total ARR	881.30	905.20

Summary of the cost of generation and power purchase for the year 2016-17 and 2017-18

Sl No	Particulars	2016-17			2017-18		
		Quantity	Amount	Avg. Rate	Quantity	Amount	Avg. Rate
		(MU)	(Rs. Cr)	(Rs/ kWh)	(MU)	(Rs. Cr)	(Rs/ kWh)
1	Own Generating stations of SBU-G	5676.87	672.61		7021.39	677.48	
2	CGS	9734.10	3203.32	3.29	11000.05	3755.97	3.41
3	RGCCPP						
4	BSES						
5	IPP- wind and SHPs	142.00	45.87	3.23	142.00	45.87	3.23
6	Traders	7045.36	2829.31	4.02	4991.94	1888.80	3.78
7	Short-term market	1357.19	542.87	4.00	2137.07	854.83	4.00
8	Inter State Transmission charges [1]		564.64			545.62	
9	Intra-State transmission charges		881.30			905.20	
	Total	23955.52	8739.91	3.65	25292.45	8673.77	3.43

[1] Inter-state transmission charges payable to PGCIL

SBU-D. Distribution parameters adopted

Year	No.of consumers	Dist. Transformers	HT Line length	Sales
	(Nos)	(Nos)	(km)	(MU)
2014-15	11542890	71199	60340	18426
2015-16	11892890	72460	64280	19325
2016-17	12242890	74660	68477	20625
2017-18	12592890	76860	72949	21840
CAGR from 2014-15 to 2017-18	2.94%	2.58%	6.53%	5.83%

Table 1: O&M norms for distribution business of KSEB Limited

O&M Expenses	FY 2015-16	FY 2016-17	FY 2017-18
Employee expenses			
Rs lakh/'000 consumers	2.40	2.54	2.69
Rs. lakh/distribution transformer	0.33	0.35	0.37
Rs. lakh per km of HT line	0.40	0.42	0.44
Rs/unit of sales	0.10	0.11	0.11
A&G expenses			
Rs Lakh/'000 consumers	0.21	0.22	0.23
Rs. lakh/distribution transformer	0.03	0.03	0.03
Rs. lakh per km of HT line	0.03	0.04	0.04
Rs/unit of sales	0.01	0.01	0.01
R&M expenses			
% of opening GFA	3%	3%	3%

Explanation: The O&M expenses for any year of the control period shall be allowed by multiplying the O&M norms for that year with the actual number of consumers, distribution transformers, km of HT line and sales for the previous year, i.e., the O&M expenses for FY 2015-16 shall be allowed by multiplying the O&M norms for FY 2015-16 with the actual number of consumers, distribution transformers, km of HT line and sales for FY 2014-15.

SBU-D. Normative employee cost approved for the year 2016-17 and 2017-18

Particulars	2016-17	2017-18
Based on consumer numbers	302.08	329.33
Based on Dist transformer	253.61	276.24
Based on HT line	269.98	301.30
Based on energy sale	212.58	226.88
Total	1038.24	1133.75

SBU-D. Normative A&G cost approved for the year 2016-17 & 2017-18

A&G expenses (Rs.Cr)	2016-17	2017-18
Based on number of consumer	26.16	28.16
Based on Dist transformer	21.74	22.40
Based on HT line	25.71	27.39
Based on energy sale	19.33	20.63
Total	92.94	98.57

SBU-D. Normative R&M cost approved for the year 2016-17 & 2017-18

	2016-17	2017-18
GFA (dist) at the beginning of the year (Rs. Cr)	**6514.74**	**6934.74**
R&M expense- norm	**3% of opening GFA**	
R&M expense (Rs.Cr)	**195.44**	**208.04**

SBU-D. Summary of the O&M cost provisionally approved for the years 2016-17 and 2017-18

Total O&M expense – distribution	2016-17	2017-18
Employee cost (Rs.Cr)	1038.24	1133.75
A&G expense (Rs. Cr)	92.94	98.57
R&M expense (Rs. Cr)	195.44	208.04
Total (Rs. Cr)	1326.62	1440.36

Summary of the provisional ARR of SBU-D of KSEB Ltd for the years 2016-17 and 2017-18

Particulars	2016-17 (Rs. Cr)	2017-18 (Rs. Cr)
Cost of own power Generation (ARR of SBU-G)	672.61	677.48
Transmission charges (ARR of SBU-T)	881.30	905.20
Power Purchase	7186.00	7091.09
Interest & Finance charges	981.79	998.68
Depreciation	58.12	58.12
O&M expenses	1326.62	1440.36
RoE	68.64	68.64
Total ARR	11175.08	11239.57

Revenue from sale approved for the years 2016-17 & 2017-18

LT Category	2016-17			2017-18		
	Consumption in MU	Revenue in crore	Avg rate (Rs/ kWh)	Consumption in MU	Revenue in crore	Avg rate (Rs/ kWh)
Domestic	10648.42	4003.80	3.76	11393.81	4284.07	3.76
Commercial	3030.24	2513.67	8.30	3250.84	2696.72	8.30
Industrial	1109.91	661.50	5.96	1116.63	665.50	5.96
Agricultural	283.41	67.73	2.39	287.40	68.69	2.39
Street Lights	378.45	141.92	3.75	390.67	146.51	3.75
LT II	7.90	6.13	7.76	8.60	6.67	7.76
LT Total	15458.33	7394.75	4.78	16447.95	7868.16	4.78
HT I	1929.26	1176.84	6.10	2009.59	1225.85	6.10
HT II	730.07	693.57	9.50	766.58	728.25	9.50
HTIII	6.85	3.29	4.80	7.05	3.39	4.81
HT IV	622.01	559.81	9.00	653.11	587.80	9.00
HT V	11.18	8.64	7.73	11.74	9.08	7.73
HT Total	3299.37	2442.15	7.40	3448.07	2554.37	7.41
EHT category						
EHT-I,II&III&general	1026.55	580.00	5.65	1059.70	598.73	5.65
Railway Traction	232.06	133.43	5.75	242.03	139.17	5.75
Bulk Licensees/ consumers	609.39	350.39	5.75	642.30	369.31	5.75
HT & EHT Total	5167.37	3505.97	6.78	5392.10	3661.58	6.79
Total	20625.70	10900.72	5.29	21840.05	11529.74	5.28

Non tariff income approved for the year 2016-17 & 2017-18

	2016-17	2017-18
	(Rs. Cr)	(Rs. Cr)
Meter rent	93	95
Testing fee, penalty etc, meter box etc	70	72
Interest from banks	60	60
Rebate	98	100
Income from sale of scrap	40	42
Miscellaneous receipt	70	70
Additional income by utilisation of unutilised/ under utilised skills of technical cadre for consultancy works	10	10
Total	441	449

Summary of the provisional ARR&ERC of SBU-D of KSEB Ltd for the years 2016-17 & 2017-18

Particulars	2016-17 (Rs. Cr)	2017-18 (Rs. Cr)
Cost of own power Generation (ARR of SBU-G)	672.61	677.48
Transmission charges (ARR of SBU-T)	881.30	905.20
Power Purchase	7186.00	7091.09
Interest & Finance charges	981.79	998.68
Depreciation	58.12	58.12
O&M expenses	1326.62	1440.36
RoE	68.64	68.64
Total ARR	11175.08	11239.57
Non -Tariff income	441.00	449.00
Net ARR	10734.08	10790.57
Revenue from Tariff	10900.72	11529.74
Revenue surplus	166.64	739.17

Provisionally assessed accumulated revenue gap as on 31-03-2013

Sl No	Particulars	Amount (Rs. Cr)
1	Total unbridged revenue gap as on 31-03-2011 (as per Table 1.3 of the order dated 14-8-2014 in OP No. 9/2014	424
2	The provisional revenue gap for the year 2011-12	1400
3	The provisional revenue gap for the year 2012-13	3100
	Total	4924

Provisional revenue gap to be recovered through tariff for the year 2016-17 and 2017-18

Particulars	2016-17 (Rs. Cr)	2017-18 (Rs. Cr)
Cost of own power Generation (ARR of SBU-G)	672.61	677.48
Transmission charges (ARR of SBU-T)	881.30	905.20
Cost of Power Purchase	7186.00	7091.09
Interest & Finance charges	296.81	313.70
Interest on bonds issued to the Master Trust	684.98	684.98
Depreciation	58.12	58.12
O&M expenses	1326.62	1440.36
RoE	68.64	68.64
Part of the unbridged gap upto the year 2012-13 recovered during the year	330.14	1372.17
Total ARR	11505.22	12611.74
Non-tariff income	441.00	449.00
Net ARR	11064.22	12162.74
Revenue from tariff	10900.72	11529.74
Revenue gap	163.50	633.00

Legal issues to be considered essentially while determining the tariff for different categories of consumers

- Section -62 (3) of the EA-2003

(3) The Appropriate Commission shall not, while determining the tariff under this Act, show undue preference to any consumer of electricity but may differentiate according to the consumer's load factor, power factor, voltage, total consumption of electricity during any specified period or the time at which the supply is required or the geographical position of any area, the nature of supply and the purpose for which the supply is required.

Legal issues..

Paragraph 8.3 of the Tariff Policy 2016

(i) The tariff for various categories of consumers should be determined in such a way that it progressively reflects the cost of supply.

(ii) The tariffs of the subsidizing consumer categories and the subsidized consumer category shall be within plus or minus 20 percent of the average cost of supply.

(iii) The Commission shall minimize the cross subsidy and shall notify the road map for the same.

(iv) The tariff of the BPL category shall atleast be 50 percent of the average cost of supply.

Cost at voltage level

	Particulars		EHT	HT	LT	Total
1	Energy sale at different voltage level (as per chapter-4)	(MU)	1867.99	3299.36	15458.34	20625.69
2	Distribution loss associated with energy sale at different voltage level (Table-5)	(%)	0.00	5.50	11.76	
		MU	0.00	192.03	2059.81	2251.83
3	Energy input for the sale at different voltage level = (1)+(2)	(MU)	1867.99	3491.39	17518.15	22877.52
4	Power purchase cost (apportioned at different voltage level in the ratio of energy input)	Rs. Cr	713.63	1333.82	6692.47	8739.91
5	Distribution cost (apportioned in the ratio of energy input)	Rs. Cr	203.72	380.77	1910.52	2495.01
6	Total cost = (4)+ (5)	Rs. Cr	917.35	1714.58	8602.98	11234.92
7	Cost per unit	Rs/ kWh	4.91	5.20	5.57	

Salient features of the proposed tariff revision

- No tariff increase is proposed for the Below Poverty Line consumers with a connected load upto 1000 watts if their monthly consumption is of and below 40 units.
- Agriculture sector:
  - No increase proposed.
  - Proposed to unify the tariff applicable to irrigation and dewatering irrespective of whether it is for garden lands, paddy fields or plantations.
- Orphanages, aganwadis etc.
  - No increase proposed.
- Drinking water supply schemes.
  - It is proposed to assign domestic tariff to the rural drinking water schemes such as Jaladhara, Sujaladhara and Jalanidhi.
- No tariff increase proposed for LT III (A), LT III(B), LT VI(A), LT VI(B), LT VI(C), LT VI(F), LT VII(A), LT VII(B), LT VII(C), LT IX, HT II(B), HT IV, EHT 220 kV, EHT General and EHT Commercial, since the average tariff of these categories are above 120% of the average cost of supply.

Domestic category- LT-1

Monthly consumption slab	Consumer strength		Annual consumption		Energy charge	Revenue from energy charge
	(Nos)	(%) of total	(MU)	(%) of total	(Rate) (Rs/unit)	(Rs. Cr)
BPL Consumers with connected load upto 1000 watts and consumption upto 40 units						
0-40	**225165**	**2.38**	**40**	**0.38**	**1.50**	**5.99**
Telescopic tariff for consumption upto 250 units						
0-50	**2496727**	**26.39**	**873**	**8.20**	**2.80**	**244.48**
51-100	**3254009**	**34.40**	**3040**	**28.55**	**3.20**	**894.71**
101-150	**2111629**	**22.32**	**3139**	**29.48**	**4.20**	**1014.32**
151-200	**812078**	**8.58**	**1706**	**16.02**	**5.80**	**638.72**
201-250	**313225**	**3.31**	**799**	**7.50**	**7.00**	**333.50**
Non-telescopic tariff for consumption above 250 units						
0-300	**120151**	**1.27**	**385**	**3.62**	**5.00**	**192.730**
0-350	**53926**	**0.57**	**202**	**1.90**	**5.70**	**115.320**
0-400	**27436**	**0.29**	**117**	**1.10**	**6.10**	**71.450**
0-500	**25544**	**0.27**	**128**	**1.20**	**6.70**	**85.610**
Above 500	**20814**	**0.22**	**218**	**2.05**	**7.50**	**163.710**
Total	**9460704**	**100**	**10648**	**100**		**3760.530**

Energy charge- Existing rate and Proposed rate

Monthly consumption slab	Energy charge		Revenue		
	Existing rate	Proposed rate	at Existing tariff	at proposed tariff	Addl revenue
	(Rs/kWh)	(Rs/kWh)	(Rs. Cr)	(Rs. Cr)	(Rs. Cr)
BPL Consumers with connected load upto 1000 kVA and consumption upto 40 units					
0-40	1.50	1.50	5.99	5.99	0.00
Telescopic tariff for consumption upto 250 units					
0-50	2.80	2.90	244.48	253.21	8.73
51-100	3.20	3.50	894.71	946.86	52.15
101-150	4.20	4.50	1014.32	1083.15	68.83
151-200	5.80	6.10	638.72	680.16	41.44
201-250	7.00	7.30	333.50	353.70	20.20
Non-telescopic tariff for consumption above 250 units					
0-300	5.00	5.50	192.73	212.00	19.27
0-350	5.70	6.20	115.32	125.43	10.12
0-400	6.10	6.50	71.45	76.13	4.69
0-500	6.70	6.70	85.61	85.61	0.00
Above 500	7.50	7.50	163.71	163.71	0.00
Total			3760.53	3985.96	225.43

Fixed charges- existing tariff and proposed tariff

Particulars	Quantity (Nos)	Fixed charge (Rs/ consumer / month)		Revenue expected (Rs.Cr)		
		Existing rate	Proposed rate	at Existing rate	at Proposed rate	Addl revenue
Single phase consumers (excluding monthly consumption upto 40 units)	8788293	20	30	210.92	316.38	105.46
Three phase consumers	447245	60	80	32.20	42.94	10.73
Total				243.12	359.31	116.19

Total additional revenue from domestic category (LT-I)

Particulars	Amount (Rs.Cr)
(i) By revising the energy charges	225.43
(ii) By revising the fixed charges	116.19
Total	341.62

LT-II Colonies

Existing tariff		Proposed tariff	
Fixed Charge (Rs./Month)	**2200**	**Fixed Charge (Rs/month/ domestic connection.**	**30**
Energy Charge (Rs /kWh)	**6.5**	**Energy Charge (Rs /kWh)**	**Tariff applicable to the respective industry or plantations or similar establishments**

Details of LT-IV (A) Industrial Tariff

Particulars	Number of consumers (Nos)	Connected load (MW)/ contract demand (MVA)	Consumption (MU)
Connected load below 10 KW	109597	495	187.15
Connected load above 10 kW and upto 20 kW	17695	170	106.78
Connected load above 20kW	19419	388	806.94
Total	146711		1100.87

LT-IV (A) Industry- Existing and proposed tariff

Sl No	Particulars	Tariff Rates		
		Existing Tariff	Proposed Tariff	
1	**Fixed charges**			
	(a) Below 10kW (Rs/ consumer per month)	100	25	Rs/ kW/month
	(b) Above 10 kW and upto 20kW (Rs/kW/month)	60	75	Rs/ kW/month
	(c) Above 20kW (Rs/ kVA/ month)	125	150	Rs/ kVA/month
2	**Energy charge (Rs/ kWh)**			
	Below 10 KW	5.20	5.50	Rs/ kWh
	Above 10 kW and upto 20kW	5.20	5.50	Rs/ kWh
	Above 20kW	5.20	5.50	Rs/ kWh

LT-IV (A) Existing tariff and revenue at existing tariff

Sl No	Particulars	Existing Tariff	Revenue at existing tariff (Rs. Cr)
1	Fixed charges		
	(a) Below 10kW (Rs/ consumer per month)	100	13.15
	(b) Above 10 kW and upto 20kW (Rs/kW/month)	60	12.24
	(c) Above 20kW (Rs/ kVA/ month)	125	58.16
2	Energy charge (Rs/ kWh)		
	Below 10 KW	5.20	97.32
	Above 10 kW and upto 20kW	5.20	55.53
	Above 20kW	5.20	419.61
	Total		656.00

LT-IV (A) Industry- Proposed tariff and revenue at proposed tariff

Sl No	Particulars	Proposed Tariff	Revenue at proposed tariff (Rs. Cr)	Addl revenue (Rs. Cr)
1	**Fixed charges**			
	(a) Below 10kW (Rs/kW/month)	25	14.85	1.70
	(b) Above 10 kW and upto 20kW (Rs/kW/month)	75	15.30	3.06
	(c) Above 20kW (Rs/ kVA/ month)	150	69.79	11.63
2	Energy charge (Rs/ kWh)			0.00
	Below 10 KW	5.50	102.93	5.61
	Above 10 kW and upto 20kW	5.50	58.73	3.20
	Above 20kW	5.50	443.82	24.21
	Total		705.41	49.42

LT-IV(B) IT and IT enabled Industry

Particulars	Number of consumers (Nos)	Connected load (MW)/ contract demand (MVA)	Consumption (MU)
Connected load below 10 KW	1083	3.90	2.90
Connected load above 10 kW and upto 20 kW	69	1.57	1.62
Connected load above 20kW	70	3.78	4.51
Total	1222		9.03

LT-IV (B) Industry- Existing tariff and revenue at existing tariff

Sl No	Particulars	Existing Tariff	Revenue at existing tariff (Rs. Cr)
1	**Fixed charges**		
	(a) Below 10kW (Rs/ consumer per month)	100	0.13
	(b) Above 10 kW and upto 20kW (Rs/kW/month)	60	0.11
	(c) Above 20kW (Rs/ kVA/ month)	125	0.57
2	**Energy charge (Rs/ kWh)**		
	Below 10 KW	5.8	1.68
	Above 10 kW and upto 20kW	5.8	0.94
	Above 20kW	5.8	2.62
	Total		6.05

No revision is proposed for LT-IV (B) Industry

LT-V (A) and LT-V(B) agriculture- Details

Category	Number of consumers	Connected load (MW)	Annual consumption (MU)
LT-V(A)	463000	930	240.97
LT-V(B)			42.44

LT-V(A) and LT- V(B) Agriculture
Existing tariff and revenue at existing tariff

Particulars	Existing tariff	Revenue at existing tariff (Rs. Cr)
Fixed charge (Rs/kW/month)	8	8.93
Energy charges (Rs/ kWh)		
LT-V(A)	2.00	48.19
LT-V(B)	2.50	10.61
Total		67.73

No revision is proposed for LT-V(A) and LT-V(B)

Existing tariff for LT-VI(A) category

(a) Fixed Charge (Rs. per kW or part thereof per Month)	50
(b) Energy Charge (Rs/kWh)	
(i) Of and Below 500 kWh	5.50
(ii) Above 500 kWh	6.30

No revision is proposed for LT-VI(A) category

Existing tariff for LT-VI(B) category

(a) Fixed Charge (Rs. per kW or part thereof per Month)	70
(b) Energy Charge (Rs/kWh)	
(i) Of and Below 500 kWh	6.30
(ii) Above 500 kWh	7.00

No revision is proposed for LT-VI(B) category

LT- VI (C) Category- Existing tariff

(a) Fixed Charge (Rs. per kW or part thereof per Month)	180
(b) Energy Charge (Rs/kWh)	
(i) Of and Below 500 kWh	7.00
(ii) Above 500 kWh	8.50

No revision is proposed for LT-VI(C) category

LT- VI (D) Category Existing tariff

Particulars	Existing tariff	Revenue from existing tariff (Rs. Cr)
Fixed charge (Rs/kW)	Nil	
Energy charges (Rs/kWh)	1.80	5.07

No revision is proposed for LT-VI(D) category

Details of consumers billed under LT-VI(E) category

Monthly consumption slab	Number of consumers	Annual consumption (MU)
Up to 50 units	28580	2.95
Upto 120 units	5028	5.99
Upto 200 units	3510	5.86
Above 200 units	6792	41.43
Total	43911	56.23

LT-VI (E) category. Existing and proposed tariff

Particulars	Existing tariff		Proposed tariff		Addl revenue (Rs. Cr)
	Rate	Revenue (Rs.Cr)	Rate	Revenue (Rs.Cr)	
(a) Fixed charge (Rs/ consumer/month)					
Single phase consumers	20	0.79	30	1.19	0.40
Three phase consumers	60	0.79	80	1.05	0.26
(b) Energy charges (Rs/kWh)					
Upto 50 units	2.80	0.83	3.20	0.94	0.12
Upto 120 units	3.80	2.28	4.30	2.58	0.30
Upto 200 units	4.50	2.64	5.00	2.93	0.29
Above 200 units	6.30	26.10	6.50	26.93	0.83
Total		33.42		35.62	2.20

LT-VI(F)- Existing tariff

Fixed charge (Rs/ kW per month)	
Single Phase	60
Three phase	120
Energy Charge (Rs per unit)	
0 to 100 units per month	5.80
0 to 200 units per month	6.50
0 to 300 units per month	7.20
0 to 500 units per month	7.80
above 500 units per month	9.00

No revision is proposed for LT-VI(F) category

LT-VII(A)- Existing tariff

(a) Fixed charge (Rs/ kW per month)	
(i) Single Phase	60
(ii) Three phase	120
(b) Energy Charge (paise per unit)	
(i) Of and below 100 units per month	6.00
(ii) Of and below 200 units per month	6.70
(iii) Of and below 300 units per month	7.40
(iv) Of and below 500 units per month	8.00
(v) Above 500 units per month	9.30

No revision is proposed for LT-VII(A) category

Details of the consumers billed under LT-VII(B) category

Particulars	Number of consumers	Connected load (MW)	Annual consumption (MU)
Upto 100 Units	632768	212	156.57
Upto 200 Units	32221		43.93
Upto 300 Units	4251		11.80
Total	669241		212.30

LT-VII (B). Existing tariff and Proposed tariff

Particulars	Existing tariff		Proposed tariff		Addl revenue (Rs. Cr)
	Rate	Revenue (Rs.Cr)	Rate	Revenue (Rs.Cr)	
Fixed charge (Rs/kW/ month	40	10.18	40	10.18	0.00
Energy charge (Rs/ kWh)					
Upto 100 Units	4.70	73.59	5.00	78.29	4.70
Upto 200 Units	5.70	25.04	5.70	25.04	0.00
Upto 300 Units	6.30	7.44	6.30	7.44	0.00
Total		116.24		120.94	4.70

LT-VII(C) Category- Existing tariff

(a) Fixed Charge (Rs. per kW or part thereof) Month	90
(b) Energy Charge (Paise/kWh)	
(i) Of and below 1000 kWh	5.90
(ii) Above 1000 kWh	7.30

No revision is proposed for LT-VII(C) category

LT-VIII (Public Lighting)

- Annual Consumption (including metered and unmetered street lights) = 378.45 MU

- Existing Tariff and Proposed Tariff (for metered street lights)

Particulrs	Existing tariff		Proposed tariff		Addl revenue (Rs. Cr)
	Rate	Revenue (Rs.Cr)	Rate	Revenue (Rs.Cr)	
Fixed charges (Rs/meter/month)	30	141.92	50	164.63	22.71
Energy charge (Rs/ kWh)	3.60		4.10		

- Average increase proposed for unmetered street lights- about 16% on existing composite tariff
- LED street light tariff is only about 50% of the tariff applicable for street lights with CFL with same wattage.

Details of HT-1(A) Industrial category

Contract Demand- 530.69MVA

Particulars	Annual consumption MU)
(a) Normal time- Zone A	1071.78
(b) Peak time - Zone B	237.96
(c) Offpeak time - Zone C	609.29
Total	1919.04

HT-I(A) Existing Tariff and Proposed Tariff

Particulars	Existing tariff		Proposed tariff		Addl revenue (Rs. Cr)
	Rate	Revenue (Rs.Cr)	Rate	Revenue (Rs.Cr)	
Demand charge (Rs/ kVA/ month)	300	191.05	300	191.05	0.00
Energy charges (Ruling) (Rs/ kWh)	5.20	980.56	5.50	1037.13	56.57
Total		1171.61		1228.18	56.57

HT-I (B) IT and IT enabled services

Contract demand- 2.1 MVA

Particulars	Annual consumption (MU)
(a) Normal time- Zone A	6.64
(b) Peak time - Zone B	1.43
(c) Offpeak time - Zone C	2.15
Total	10.22

HT- I(B). Existing Tariff and Proposed Tariff

Particulars	Existing tariff		Proposed tariff		Addl revenue (Rs. Cr)
	Rate	Revenue (Rs.Cr)	Rate	Revenue (Rs.Cr)	
Demand charge (Rs/ kVA/ month)	300	0.76	300	0.76	0.00
Energy charges (Ruling) (Rs/ kWh)	5.60	5.82	5.80	6.03	0.21
Total		6.58		6.79	0.21

HT-II (A) General

Contract demand- 73 MVA

Particulars	Annual consumption (MU)
(a) Normal time- Zone A	128.39
(b) Peak time - Zone B	28.98
(c) Offpeak time - Zone C	47.03
Total	204.4

HT-II (A)- Existing and Proposed Tariff

Particulars	Existing tariff		Proposed tariff		Addl revenue (Rs. Cr)
	Rate	Revenue (Rs.Cr)	Rate	Revenue (Rs.Cr)	
Demand charge (Rs/ kVA/ month)	350	30.66	350	30.66	0.00
Energy charges (Ruling) (Rs/ kWh)	5.10	105.637	5.30	109.78	4.14
Total		136.30		140.44	4.14

HT-II (B) Category- Details

Contract demand- 137.25 MVA

Particulars	Annual Consumption (MU)	
	Monthly consumption upto 30000 units	Monthly consumption above 30000 units
(a) Normal time- Zone A	60.16	240.47
(b) Peak time - Zone B	17.08	68.24
(c) Offpeak time - Zone C	27.97	111.76
Total	105.21	420.46

HT-II (B). Existing Tariff and Revenue at existing tariff

Particulars	Existing Tariff	Revenue at existing tariff (Rs.Cr)
Demand charge (Rs/ kVA/ month)	400	65.88
Energy charges (Ruling) (Rs/ kWh)		
(a) Monthly consumption upto 30000 units	6.20	66.19
(b) Monthly consumption above 30000 units	7.20	307.18
Total		439.25

No revision is proposed for HT-II(B) category

HT-III (A) Agriculture- details

Contract demand- 6 MVA

Particulars	Annual consumption (MU)
(a) Normal time- Zone A	5.59
(b) Peak time - Zone B	0.11
(c) Off peak time - Zone C	0.33
Total	6.03

HT-III (A) Agriculture- Existing tariff

Particulars	Existing Tariff	Revenue at existing tariff (Rs.Cr)
Demand charge (Rs/ kVA/ month)	170	1.22
Energy charges (Ruling) (Rs/ kWh)	2.80	1.68
Total		2.90

No revision is proposed for HT-III(A) category

HT-III (B) Agriculture- details

Contract demand- 0.435 MVA

Particulars	Annual consumption (MU)
(a) Normal time- Zone A	0.44
(b) Peak time - Zone B	0.13
(c) Offpeak time - Zone C	0.25
Total	0.82

HT-III (B) Agriculture- Existing tariff

Particulars	Existing Tariff	Revenue at existing tariff (Rs.Cr)
Demand charge (Rs/ kVA/ month)	170.00	0.09
Energy charges (Ruling) (Rs/ kWh)	3.30	0.27
Total		0.36

No revision is proposed for HT-III(B) category

Details of HT-IV Commercial category

Contract demand- 219.97MVA

Particulars	Annual Consumption (MU)	
	Monthly consumption upto 30000 units	Monthly consumption above 30000 units
(a) Normal time- Zone A	129.22	250.84
(b) Peak time - Zone B	41.22	80.23
(c) Off peak time - Zone C	40.97	79.53
Total	211.42	410.59

HT-IV Commercial. Existing tariff details

Particulars	Existing Tariff	Revenue at existing tariff (Rs.Cr)
Demand charge (Rs/ kVA/ month)	400	105.59
Energy charges (Ruling) (Rs/ kWh)		
(a) Monthly consumption upto 30000 units	6.30	139.72
(b) Monthly consumption above 30000 units	7.30	314.50
Total		559.81

No revision is proposed for HT-IV Commercial category

HT-V domestic- Details

Contract demand- 5.57 MVA

Particulars	Annual consumption (MU)
(a) Normal time- Zone A	5.66
(b) Peak time - Zone B	2.21
(c) Offpeak time - Zone C	3.31
Total	11.18

HT-V domestic- Existing tariff

Particulars	Existing Tariff	Revenue at existing tariff (Rs.Cr)
Demand charge (Rs/ kVA/ month)	350	2.34
Energy charges (Ruling) (Rs/ kWh)	5.50	6.30
Total		8.64

No revision is proposed for HT- V Domestic category

EHT Industrial- 66 kV
Details

Contract demand- 55 MVA

Particulars	Annual consumption (MU)
(a) Normal time- Zone A	153.85
(b) Peak time - Zone B	43.26
(c) Off peak time - Zone C	117.97
Total	315.08

EHT-66 kV. Existing Tariff and Proposed Tariff

Particulars	Existing tariff		Proposed tariff		Addl revenue (Rs. Cr)
	Rate	Revenue (Rs.Cr)	Rate	Revenue (Rs.Cr)	
Demand charge (Rs/ kVA/ month)	300	19.80	300	19.80	0.00
Energy charges (Ruling) (Rs/ kWh)	4.90	150.54	5.20	159.75	9.22
Total		170.34		179.55	9.22

EHT Industrial- 110 kV - Details

Contract demand- 140 MVA

Particulars	Annual consumption (MU)
(a) Normal time- Zone A	306.61
(b) Peak time - Zone B	88.48
(c) Off peak time - Zone C	228.13
Total	623.21

EHT 110 KV – Existing and proposed tariff

Particulars	Existing tariff		Proposed tariff		Addl revenue (Rs. Cr)
	Rate	Revenue (Rs.Cr)	Rate	Revenue (Rs.Cr)	
Demand charge (Rs/ kVA/ month)	290	48.72	290	48.72	0.00
Energy charges (Ruling) (Rs/ kWh)	4.80	293.00	5.10	311.31	18.31
Total		341.72		360.03	18.31

EHT 220 kV - Details

Contract demand- 18 MVA

Particulars	Annual consumption (MU)
(a) Normal time- Zone A	15.43
(b) Peak time - Zone B	5.04
(c) Off peak time - Zone C	9.20
Total	29.68

EHT 220 kV – Existing tariff

Particulars	Existing Tariff	Revenue at existing tariff (Rs.Cr)
Demand charge (Rs/ kVA/ month)	280	6.05
Energy charges (Ruling) (Rs/ kWh)	4.7	14.05
Total		20.10

No revision is proposed for EHT 220 kV

EHT General (66 kV, 110 kV, 220 kV)- Details

Contract demand- 21 MVA

Particulars	Annual Consumption (MU)	
	Monthly consumption upto 60000 units	Monthly consumption above 60000 units
(a) Normal time- Zone A	10.81	23.86
(b) Peak time - Zone B	2.98	6.13
(c) Offpeak time - Zone C	4.84	9.95
Total	18.64	39.94

EHT General (66 kV, 110 kV, 220 kV)- Existing Tariff

Particulars	Existing Tariff	Revenue at existing tariff (Rs.Cr)
Demand charge (Rs/ kVA/ month)	370	9.32
Energy charges (Ruling) (Rs/ kWh)		
(a) Monthly consumption upto 30000 units	5.80	10.98
(b) Monthly consumption above 30000 units	6.80	27.55
Total		47.85

No revision is proposed for EHT General (66 kV, 110kV, 220kV)

Railway traction (110 kV) tariff

Contract Demand (MVA)	Annual consumption (MU)
73.46	232.06

Railway traction (110 kV) tariff

Particulars	Existing tariff		Proposed tariff		Addl revenue (Rs. Cr)
	Rate	Revenue (Rs.Cr)	Rate	Revenue (Rs.Cr)	
Demand charge (Rs/ kVA/ month)	250	22.04	250	22.04	0.00
Energy charges (Ruling) (Rs/ kWh)	4.80	111.39	5.10	118.35	6.96
Total		133.43		140.39	6.96

Details of bulk licensees/ sanction holders

Sl No	Licensee	Contract Demand	Annual consumption	Existing tariff		Revenue at existing tariff
				Demand charge	Energy charge	
		(MVA)	(MU)	(Rs/ kVA/month)	(Rs/ kWh)	(Rs. Cr)
1	KPUPL	15.03	84.44	300	5.30	50.16
2	CSEZ	10.98	55.42	300	5.30	33.33
3	RPL	4.98	26.81	300	4.55	13.99
4	Technopark	19.86	85.02	300	4.85	48.38
5	CPT	9.08	35.24	300	5.75	23.53
6	TCED	33.00	159.16	300	5.40	97.83
7	KDHPCL	7.00	45.96	300	4.30	22.28
8	MES	15.18	70.51	350	5.10	42.34
9	Pudusserry	8.09	44.26	350	5.10	25.97
10	Karnataka	0.35	0.53	350	5.10	0.42
11	Infopark	0.56	2.04	300	5.55	1.33
	Total	124.11	609.39			359.56

BST- Existing and proposed Tariff

Sl No	Licensee	Existing tariff		Proposed Tariff		Revenue at proposed tariff	Addl revenue
		Demand charge	Energy charge	Demand charge	Energy charge		
		(Rs/ kVA/ month)	(Rs/ kWh)	(Rs/ kVA/ month)	(Rs/ kWh)	(Rs. Cr)	(Rs. Cr)
1	KPUPL	300	5.30	350	5.60	53.60	3.44
2	CSEZ	300	5.30	350	5.40	34.54	1.21
3	RPL	300	4.55	350	4.55	14.29	0.30
4	Technopark	300	4.85	350	5.20	52.55	4.17
5	CPT	300	5.75	350	6.00	24.96	1.43
6	TCED	300	5.40	350	5.85	106.97	9.14
7	KDHPCL	300	4.30	350	4.60	24.08	1.80
8	MES	350	5.10	400	5.60	46.77	4.44
9	Pudusserry	350	5.10	400	5.60	28.67	2.70
10	Karnataka	350	5.10	400	5.60	0.46	0.05
11	Infopark	300	5.55	350	5.50	1.36	0.02
	Total					388.25	28.69

BST- Proposed tariff

Sl No	Licensee	Proposed Tariff		Revenue at proposed tariff	Addl revenue
		Demand charge	Energy charge		
		(Rs/ kVA/ month)	(Rs/ kWh)	(Rs. Cr)	(Rs. Cr)
1	KPUPL	350	5.60	53.60	3.44
2	CSEZ	350	5.40	34.54	1.21
3	RPL	350	4.55	14.29	0.30
4	Technopark	350	5.20	52.55	4.17
5	CPT	350	6.00	24.96	1.43
6	TCED	350	5.85	106.97	9.14
7	KDHPCL	350	4.60	24.08	1.80
8	MES	400	5.60	46.77	4.44
9	Pudusserry	400	5.60	28.67	2.70
10	Karnataka	400	5.60	0.46	0.05
11	Infopark	350	5.50	1.36	0.02
	Total			388.25	28.69

Tariff re-categorization proposals

- Electricity used for pumping water for irrigation or de-watering purposes- LT-V(A) irrespective of the agriculture activity is food crop or cash crop
- Working women hostels- under LT-VI (B) tariff
- Tariff applicable to dairy farms, dairy etc,
  - Dairy farms-categorised under LT-V(B)/ HT-III(B) agriculture tariff
  - Dairies and milk processing units
    - Categorised under LT-IV (A) industrial tariff
  - Primary milk producers co-operative societies
    - Categorised under LT-IV(A) industrial tariff
  - Milk chilling units/ cold storages for the purpose of marketing of milk-LT –VII(A) commercial
- Tariff applicable to private hospitals
  - All private hospitals having connected load above 20 kW may be categorized under LT-VI(F)/ HT-II(B).
  - Private hospitals/ clinics run by charitable societies registered under Charitabke Societies Act 1955/ Indian Trust Act 1882, having connected load upto 20kW proposed to categorise under LT-VI(A) category.

Tariff re-categorisation proposals…

- Tariff applicable to aquarium run by Agency for Development Aquaculture, Kerala- under LT-V(B) agriculture.
- Tariff applicable to KMRL
  - Commission may take a final decision after considering the views in the public hearing.
- Tariff applicable to drinking water supply schemes.
  - Water supply schemes under Jalanidhi, Jaladhara, Sujaladhara projects
  - Water supply schemes under the societies and beneficiary committees
  - Water supply schemes for the members of Scheduled Caste and Scheduled Tribe
  - Water supply schemes for laksham veedu settlements taken over and managed by local self-government institutions
  - Water supply schemes established using Local Area Development Funds of MLAs and MPs
  - Water supply schemes established using funds of local self-government institutions.
  - Water supply schemes under peoples participatory schemes and
  - Water supply schemes under the Rajeev Gandhi Drinking Water Schemes managed by beneficiary groups.

Propose to include such water supply schemes under LT-1 domestic tariff.

Tariff re-categorisation proposals..

- Tariff applicable to packaged drinking water - LT-IV (A) Industrial tariff
- Tariff applicable hostels run by institutions registered under Travancore- Cochin, Literary, Scientific and Charitable Societies Registration Act, 1955.
  - TCED suggested that, all private hostals may be uniformly categorized under LT-VII Tariff.
- Tariff applicable to manufacturing rubber sheets.
  - Electricity consumed for running electric motors for the manufacture of rubber sheets;
    - by individual consumers under LT-V(B) agriculture tariff
    - By societies and other institutions by LT-IV (A) industry.

Tariff re-categorisation proposals..

- Tariff applicable to the societies run by dairy farmers, exclusively for the collection of milk from its members and the storage the same for sale to milk processing units / milk marketing units may be categorised under LT-V(B) agriculture.
- Tariff applicable to photographers and videographers working in auditoriums, halls, convention centers etc in connection with programmes organized therein.
  - Commission proposes that, the owners of the auditoriums, halls, convention centers etc shall provide electricity for photography and videography in connection with the events organized at such centers.

Proposals for enhancing non-tariff income

- Reconnection fee- proposed to enhance from Rs 30/- to Rs 100/-.
- Lease rent may be fixed for the assets of KSEB Ltd leased out to other business including hydel tourism.
- The profit earned by Hydel tourism utilising the assets of KSEB shall be included under non-tariff income.

THANKS