

KARNATAKA ELECTRICITY REGULATORY COMMISSION



NINETEENTH ANNUAL REPORT 2017– 18

**No16 C-1, Miller Tank Bed Area, Vasanthanagar,
Bengaluru-52**
Phone: 080-22268677/78/79 Fax: 0808-22268667
E-mail:kerc-ka@nic.in Website: www.karnataka.gov.in/kerc



CONTENTS

SL.NO.	PARTICULARS	PAGE No.
1	Foreword	
2	Introduction	3
3	The Commission & its functions	7
4	The Commission's Office & Functions of the Secretary	11
5	Administration	11
6	Budget and actual expenditure of the Commission	12
7	Implementation of the RTI Act	12
8	Use of Kannada in the Commission's Administration	13
9	Power Sector- An Overview	17
10	Activities of the Commission during FY18	35
11	Important events during the year	37
12	Advisory Committee of the Commission	57
13	Commission's Adjudication Activities	58
14	Consumer Grievances Redressal	77
15	Programme for FY19.....Year Ahead	79





KARNATAKA ELECTRICITY REGULATORY COMMISSION

M.K. SHANKARALINGE GOWDA, IAS (RTD.)
CHAIRMAN

No16 C-1, Miller Tank Bed Area,
Vasanthanagara, Bengaluru-52

FOREWORD

I am very much pleased to present this nineteenth Annual Report of Karnataka Electricity Regulatory Commission for the financial year, 2017-18, in compliance with Section 105 of the Electricity Act, 2003.

The report is a summary of the activities carried out by the Commission during the financial year, 2017-18 which includes the annual budget and the actual receipt and expenditure for the year. The report also includes the activities planned for the ensuing financial year 2018-19.

The Commission has issued the Tariff Orders in respect of Transmission licensee i.e. KPTCL and five Distribution licensees namely, BESCO, MESCOM, CESC, HESCO and GESCOM, one Rural Electric Co-operative Society-HRECS, two Special Economic Zones (SEZs) namely, MSEZ and AEQUS SEZ, for the financial year 2017-18. During the financial year, the Annual Performance Review of all the above companies, except one SEZ for the FY: 2015-16 was also carried out.

During the financial year, the Commission had issued the Regulations on, Compliance Audit, amendments to Conditions of Supply; amendments to Recovery of Expenditure, Procurement of power from RE sources and also issued various directives to all the Licenses, as a part Tariff-orders and monitored their compliance. The Commission had also issued Advisory to the Government of Karnataka in respect of wind Energy projects.

My colleague Members, Sri H.D. Arun Kumar and Sri D.B. Manival Raju, have extended their full support to me in discharge of functions of the Commission. The Officers, Consultants and members of the Staff, have assisted the Commission in discharge of its functions. I would like to place on record the valuable advice, received from Members of the Advisory Committee, Stake holders and the Utilities.

Sd/-

M.K. SHANKARALINGE GOWDA, IAS (Rtd.)
CHAIRMAN





Brief History of Karnataka Electricity Regulatory Commission



2. INTRODUCTION

The Karnataka Electricity Regulatory Commission (KERC) was established in 1999 as per the provisions of the Karnataka Electricity Reforms Act, 1999 and began functioning from 15th November, 1999. Consequent to the enactment of the Electricity Act, 2003, the KERC continued to function under the provisions of the Central Act.

As per Section 105(1) of the Electricity Act, 2003, the KERC is required to prepare an Annual Report and the copies of the Report are to be forwarded to the State Government. Further, as per Section 105(2) of the Electricity Act, 2003, the copies of the Annual Report shall be laid before the State Legislature.

The Annual Report includes summary of the activities of the Commission during the financial year 2017-18 and the proposed program for the financial year ahead i.e., 2018-19. It also contains the Budget for the financial year 2018-19 and the actual expenditure for the financial year 2017-18.

The Commission has issued the Tariff Orders for the financial year 2017-18 on 11th April, 2017, for the reason that the distribution licensees made modifications in their tariff petitions at a very late stage.

Further, during the financial year 2017-18, the Commission completed the proceedings relating to disposal of Tariff petitions for Financial Year 2018-19, filed by the Transmission Licensee - Karnataka Power Transmission Corporation Limited [KPTCL] and the Distribution Licensees including Special Economic Zones (SEZ) namely, Bangalore Electricity Supply Company Limited [BESCOM], Mangalore Electricity Supply Company Limited [MESCOM], Chamundeshwari Electricity Supply Corporation Limited [CESC], Hubli Electricity Supply Company Limited [HESCOM], Gulbarga Electricity Supply Company Limited [GESCOM], Hukkeri Rural Electric Co-operative Society [HRECS], Mangalore SEZ [MSEZ] and AEQUS SEZ. However, due to prevalence of model code of conduct relating to the declaration of the general election to the Legislative Assembly scheduled on 12th May, 2018, the Tariff Orders were issued on 14th May, 2018.

The Commission has disposed of **254** petitions arising out of disputes among licensees and generators as well as licensee and open access consumers during the year. The Summary of the Commission's activities is discussed in the subsequent chapters.

The Commission has started working in its newly constructed building during the current year.





Functions of the Commission

...As per Electricity Act, 2003



3. THE COMMISSION & ITS FUNCTIONS:

3.1 THE COMMISSION

The Commission consists of three Members including the Chairman. Sri M.K.Shankaralinge Gowda, IAS (Retd.) is the Chairman of the Commission. Sri H.D Arun Kumar and Sri D.B ManivalRaju are the Members of the Commission.

3.2 FUNCTIONS OF THE COMMISSION

- (1) As per Section 86 of the Electricity Act, 2003, the State Electricity Regulatory Commissions are required to discharge the following functions:
 - (a) Determine the tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the State;
 - (b) Regulate electricity purchase and procurement process of distribution licensees including the price at which electricity shall be procured from the generating companies or licensees or from other sources through agreements for purchase of power for distribution and supply within the State;
 - (c) Facilitate intra-state transmission and wheeling of electricity;
 - (d) Issue licenses to persons seeking to act as transmission licensees, distribution licensees and electricity traders with respect to their operations within the State;
 - (e) Promote cogeneration and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and sale of electricity to any person, and also specify, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licensee;
 - (f) Adjudicate upon the disputes between the licensees, and generating companies and to refer any dispute for arbitration;
 - (g) Levy fee for the purposes of the Electricity Act;
 - (h) Specify State Grid Code consistent with the Grid Code specified under clause (h) of sub-section (1) of section 79;
 - (i) Specify or enforce standards with respect to quality, continuity and reliability of service by licensees;
 - (j) Fix the trading margin in the intra-State trading of electricity, if considered necessary; and
 - (k) Discharge such other functions as may be assigned to it under this Act.



- (2) The State Commission is also required to advise the State Government on all or any of the following matters, namely: -
- (i) promotion of competition, efficiency and economy in activities of the electricity industry;
 - (ii) promotion of investment in electricity industry;
 - (iii) reorganization and restructuring of electricity industry in the State;
 - (iv) matters concerning generation, transmission, distribution and trading of electricity or any other matter referred to the State Commission by the State Government.

The State Commission is required to ensure transparency while exercising its powers and discharging its functions.

In discharge of its functions, the Commission is being guided by the National Electricity Policy, National Electricity Plan and Tariff Policy published under Section 3 of the Electricity Act, 2003.



**Functions of Secretary
&
Activities of the Office of the Commission**





4. THE COMMISSION'S OFFICE & FUNCTIONS OF THE SECRETARY:

4.1 THE COMMISSION'S OFFICE

The Chairman of the Commission is its Chief Executive as per Section 84 of the Electricity Act, 2003. The Commission is supported by a Secretariat, headed by the Secretary.

Besides, the Commission's Office has senior level officers on contract serving as Director (Tariff), Consultants (Tech) and Consultant (Legal). Further, there are Deputy Directors both on its rolls and on deputation, with expertise in specific areas of Transmission, Distribution, Tariff, etc., to assist the Commission.

The details of the Officers and members of Staff working in the Commission are mentioned later in this report. The Organizational Chart of the Commission is enclosed at **Annexure – 1**.

4.2 FUNCTIONS OF THE SECRETARY:

The functions of the Secretary are as follows:

- (a) To supervise and guide the functioning of all the Officers and Staff of the Commission;
- (b) To prepare or cause to be prepared briefs and summaries of all pleadings presented by various parties in each case before the Commission in discharge of its functions;
- (c) To assist the Commission in the proceedings relating to the powers exercisable by the Commission;
- (d) To ensure execution of the Orders passed by the Commission;
- (e) To collect from the State Government or other offices, companies or firms or any other party as may be directed by the Commission, such information as may be considered useful for the purpose of efficient discharge of the functions of the Commission under the Act and place the said information before the Commission; and
- (f) To keep in his custody, the seal and records of the Commission.

5. ADMINISTRATION:

The office consists of permanent employees, officers/officials on deputation and contract. The total working strength of the members of staff of the Commission at the end of the Financial Year 2017-18 is 41. The break-up is as follows:



a)	Permanent Employees	18
b)	Officers/Staff on deputation	10
c)	Employees on Contract/outsource basis	09
d)	Consultants on Contract	04
TOTAL		41

6. BUDGET & ACTUAL EXPENDITURE OF THE COMMISSION

The following table shows the details of budget estimates and actual expenditure for the FY2017-18:

In Rs. lakhs

Major Expenditure Head	Budget Estimate	Expenditure for 2017-18	Variation in Budget Estimates
Establishment expenses	440.00	441.80	1.80
Office Expenses	534.00	683.20	149.20
Total	974.00	1125.00	151.00

The State Government provided a total grant of Rs.392 lakhs during the financial year 2017-18, which was fully drawn. The expenditure, in excess of grant received, was met out of the annual License/ Tariff Application fee and other fee collected during the financial year.

The Budget estimate for the financial year 2018-19 is as follows:

Details of Budget Estimates for 2018-19		
Sl No	Particulars	Amount in Rs.lakhs
1	Estimated Revenue expenditure for 2018-19	1703
2	Estimated Revenue receipts for 2018-19	1251
3	Budget sought from GOK	452

7. IMPLEMENTATION OF THE RTI ACT:

Compliance of the RTI Act:

The Status of applications and appeals received and disposed of during 2017-18 under the RTI Act, 2005:

No. of applications received	No. of applications disposed of	Fee collected	No. of appeals received	No. of appeals disposed of during the year
41	41	Rs.1153	01	01

Public Information Officer:

The designated Public Information Officer and his address is as under:

Assistant Secretary,
No.16 C-1, Miller Tank Bed Area, Vasanthanagar,
Bengaluru-52
Phone :080-22268677/78/79 Fax:080-22268667
E-mail: kerc-ka@nic.inwebsite:www.karnataka.gov.in/kerc

The designated First Appellate Authority and his address is as under:

Secretary,
No.16 C-1, Miller Tank Bed Area,Vasanthanagara,
Bengaluru-52
Phone :080-22268677/78/79 Fax:080-22268667
E-mail:kerc-ka@nic.inwebsite:www.karnataka.gov.in/kerc

8. USE OF KANNADA IN THE COMMISSION'S ADMINISTRATION:

Kannada is being used as a medium of communication. The Annual Report is published both in Kannada and English languages.

All Regulations and Notices of public interest are being issued in Kannada language. The Commission is making conscious and sustained efforts for implementation of Kannada as the official language.





**Status of Generation, Transmission
& Distribution
*Overview for 2017-18***



9.0 POWER SECTOR – AN OVERVIEW

9.1 STATUS OF POWER GENERATION IN THE STATE:

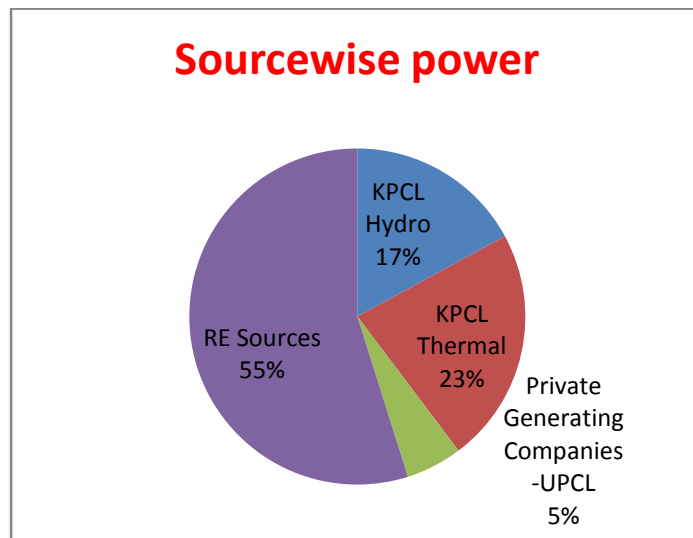


The installed capacity of power generation in Karnataka as on 31.03.2018 including the share of the State in the central projects is indicated below: -

**INSTALLED CAPACITY OF POWER GENERATION IN KARNATAKA AS ON 31.03.2018
(Figures in MW)**

Source	Hydro	Thermal	RE Sources	Total
KPCL	3788	5020	-	8808
Private Generating Companies -UPCL	-	1200	-	1200
Cogeneration & Renewables	-	-	12170	12170
State Total	3788	6220	12170	22178

Source: KPTCL daily generation sheet& KREDL Website



9.2 GREEN POWER IN KARNATAKA:

Following is the potential, commissioned and envisaged addition of green power capacity upto April, 2018, in the State:

POTENTIAL OF GREEN POWER IN KARNATAKA

Figures in MW

SL No	Renewable Energy Sources	Capacity Allotted	Capacity Commissioned	Cancelled Capacity	Balance Allotted capacity to be Commissioned
1	Wind	17685.5	4655.66	5238.24	7791.57
2	Mini Hydel	3012.55	851.96	619.76	1540.83
3	Solar	8705.07	5033.65	19	3652.42
4	Co-generation	2177.65	1643.16	0	534.49
5	Biomass	391.18	134.03	0	257.15
6	Municipal Solid Waste	25.5	0	0	25.5
	Total	31997.4	12318.5	5877	13801.96

Source:KREDL Website

9.3 TRANSMISSION SYSTEM IN THE STATE:

The transmission of electricity in the State is undertaken by Karnataka Power Transmission Corporation Limited [KPTCL] being the State Transmission Utility [STU].

An overview of the Transmission system in the State as on 31.03.2018 is shown below:

Voltage Level in kV	No.of Stations	Transmission Line in Ckt. Km
400	05	3543.952
220	101	11278.811
110	413	10509.522
66	637	10792.061
33*	358	8931.839
TOTAL	1514	45056.185

(Source: KPTCL Website)

* 33kV system is maintained by ESCOMs

During the FY18, the KPTCL has handled the highest peak load of 10802MW on 28.03.2018 and the highest energy consumption of 242.51 MU was recorded on 29.03.2018

9.4 DISTRIBUTION SYSTEM IN THE STATE:

The Distribution of Electricity, including retail supply, in the State is being undertaken by the five Distribution Companies (ESCOMs). Further, one Rural Electricity Co-operative Society and two Special Economic Zones are also operating as the Distribution Licensees.

1. The BESCOM Distribution area comprises of the districts of Bengaluru Urban, Bengaluru Rural, Chikkaballapura, Chitradurga, Davanagere, Kolar, Ramanagara and Tumakuru.
2. The MESCOM Distribution area comprises of Dakshina Kannada, Udupi, Shivamogga and Chikkamagaluru.
3. The CESC Distribution area comprises of Mysuru, Hasana, Mandya, Chamarajanagara and Kodagu
4. The HESCOM Distribution area comprises of Bagalakote, Belagavi, Vijayapura, Dharwad, Gadag, Haveri and Uttara Kannada.
5. The GESCOM Distribution area comprises of Bellary, Bidar, Kalaburagi, Koppala, Raichur and Yadgir.
6. The HRECS Distribution area comprises of Hukkeri Taluk of Belagavidistrict.
7. The MSEZ operates in its exclusive area under Dakshina Kannada district.
8. The AEQUS SEZ operates in its exclusive area under Belagavidistrict.

THE BIRD'S EYE VIEW OF THE DISTRIBUTION SYSTEM IN THE STATE:

Sl. No.	Particulars (As on 31.03.2018)		BESCOM	MESCOM	CESC	HESCOM	GESCOM	Hukkeri RECS
1.	Area	Sq. km.	41092	26222	27773	54513	43861	991.49
2.	Districts	Nos.	8	4	5	7	6	-
3.	Taluks	Nos.	46	22	29	49	31	1
4.	Population	lakhs	207	61.55	81.55	148	121	3.571
5.	Consumers	lakhs	106.96	22.22	28.50	44.11	28.42	1.20
6.	Energy Consumption	MU	26239.30	4713.21	6260.28	10092.02	6358.35	265.63
7.	Zone	Nos.	3	1	1	2	2	-



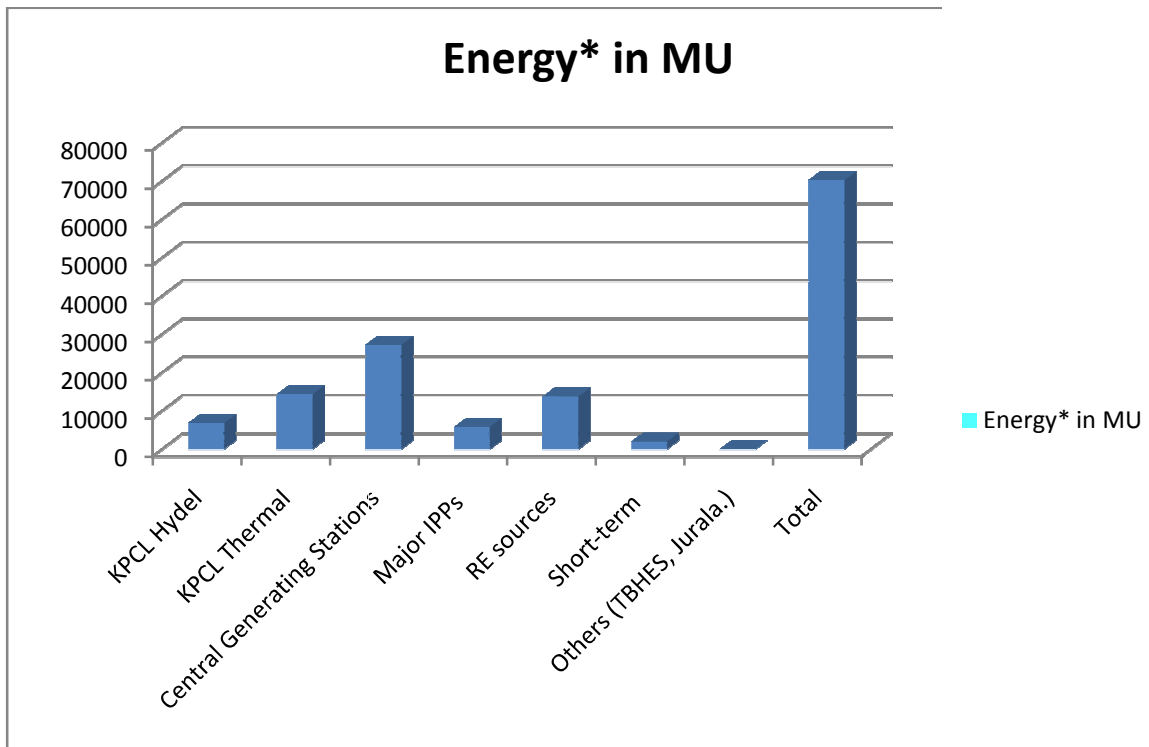
Sl. No.	Particulars (As on 31.03.2018)		BESCOM	MESCOM	CESC	HESCOM	GESCOM	Hukkeri RECS
8.	DTCs	Nos.	266186	59170	106280	167117	89436*	2204
9.	Assets	Rs. In Crores	20160.09	4517.60	6543.21	8846.61	7231.68	190.00
10.	HT lines	Ckt. kms	93527.49	34159.96	51457	71788.94	59367.23*	1291
11.	LT lines	Ckt. kms	165246.52	78222.12	81571	119300.83	85607.90*	3970
12.	Total employees strength:							
A	Sanctioned	Nos.	22339	8855	10425	16142	10363	226
B	Working	Nos.	13551	5447	5492	9760	7261	140
13.	Revenue Demand	Rs. in Crores	15861.17	2792.03	3518.77	5953.69	3773.29	133.78
14.	Revenue Collection	Rs. in Crores	15762.50	2788.59	3954.51	5965.62	3616.44	133.03

9.4.1 SOURCE-WISE GENERATION:

The source-wise generation to meet the demand of the ESCOMs in the State during the FY18 is indicated below:

SOURCE	Energy* in MU
KPCL Hydel	6903.64
KPCL Thermal	14409.74
Central Generating Stations	27279.70
Major IPPs	5812.07
RE sources	13776.81
Short-term	2043.38
Others (TBHES, Jurala.)	62.51
Total	70287.85

* Provisional data as furnished by SLDC



Consequent to poor monsoon during the financial year 2017-18, contribution from the KPCL Hydel and mini Hydel was considerably reduced to about 6903.64 MU, resulting in an overall deficit of 2043.38 MU, which was met through short-term power purchase and other sources (DSM, un-requisitioned surplus etc.).



9.4.2 ENERGY CONSUMPTION IN THE STATE FROM FY13 TO FY17:

The category-wise sales made by the ESCOMs and the Hukkeri RECS in the State are as follows:

Category	Consumer Category	FY13		FY14		FY15		FY16		FY17	
		No.of Installations	Energy Sold in MU	No.of Installations	Energy Sold in MU	No.of Installations	Energy Sold in MU	No. of Installations	Energy Sold in MU	No .of Installations	Energy Sold in MU
LT-1	BhagyaJyothi	2720200	515.01	2753905	551.16	2809060	492.61	2834626	574.8	2544654	300.23
LT-2	Domestic AEH & Pvt. Educational Institutions	11899754	8708.26	12510022	9189.11	13082516	10048.1	13809568	10605.93	14771352	11409.37
LT-3	Commercial	1587215	2512.79	1680917	2614.95	1766970	2839.28	1903128	3031.77	2002068	3207.07
LT-4a	Irrigation Pump sets-upto 10 HP	2008432	16967.9	2110075	16810.87	2260411	17732.15	2400076	18924.92	2499505	21344.45
LT-4(b) & (c)	Irrigation Pump sets-More than 10 HP & Horticulture	11400	62.19	11962	49.85	13206	55.47	13377	44.34	16780	55.21
LT-5	LT Industries	347408	1848.53	370168	1839.34	387471	1889.12	414198	1904.81	431881	1925.97
LT-6	Water Supply	115411	960.41	127131	1054.96	138769	1037.19	146294	1068.17	161101	1401.85
LT-6	Street Lights	114399	851.78	118847	814.52	125217	876.33	130372	882.56	1366	923.22
LT-7	Temporary Power & Adverting Hoardings	252800	210.64	350997	209.32	449127	263.05	593780	241.74	667869	241.29
LT- Total		19057019	32637.5	20034024	33134.08	21032747	35233.32	22245419	37279.04	23231856	40808.66
HT-1	HT- Water Supply	541	1178.07	629	1338.12	714	1439.67	770	1476.66	828	1499.36
HT-2a	HT- Industries	8037	8156.68	8647	8484.53	9261	8196.85	10453	7901.75	10791	7430.82
HT-2b	HT Commercial	6264	3403.05	6384	3288.01	6679	3235.59	7765	3089.21	7763	3114.91
HT-2c	HT- Educational Institutions / Hospitals	0	0	735	252.94	1070	431.17	1351	502.97	1514	557.79
HT-3(a) & (b)	HT Irrigation & LI Schemes	410	268.7	488	321.25	558	333.18	623	391.33	692	403.29
HT-4	Residential Apartments	417	181.36	336	175.17	342	175.85	395	145.61	347	156.53
HT-5	Temporary Power	113	48.79	237	90.88	399	322.84	593	107.8	871	130.91
HT- Total		15782	13236.7	17456	13950.9	19023	14135.14	21950	13615.34	22806	13293.61
Total		19072801	45874.1	20051480	47084.98	21051770	49368.43	22267369	50894.38	23254662	54102.26

9.5 TRANSMISSION AND DISTRIBUTION LOSSES:

The Karnataka Power Transmission Corporation Ltd., is the State Transmission utility vested with the function of transmitting power from the generating stations to the interface points with the ESCOMs. The transmission loss is due to the loss of energy for technical reasons incurred in the transmission system. In order to contain these losses, the KPTCL is augmenting existing stations / lines besides adding new stations/ lines in the transmission system. The KPTCL had reported transmission loss of 3.283% for the FY17, a reduction of 0.251 percentage point from the previous year, as against the approved transmission loss of 3.47%. The approved loss level as per MYT Tariff Order for the FY19 was 3.27%. However, by considering the actual loss level of 3.283% achieved by the KPTCL during FY17, the Commission has approved revised the transmission loss level of 3.083% for FY19 in approval of revised ARR of ESCOMs for FY19.

Transmission losses of the KPTCL in the past five years are as follows:

Figures in percentage

Particulars	FY13	FY14	FY15	FY16	FY17	FY18	FY19
As approved by KERC	3.96	3.94	3.92	3.90	3.47	3.37	3.083
As reported by KPTCL	3.81*	3.80*	3.67*	3.535*	3.283*		

* Transmission losses excluding southern region losses.

The ESCOMs enter into power purchase agreements with generators and the same is accounted as power purchase quantum in million units, at the generation bus of the generating stations. This energy is transmitted through transmission system of the KPTCL to the interface points with ESCOMs. The difference of the energy at generation bus and energy at the interface points with ESCOMs is reckoned as transmission losses. The ESCOMs distribute the energy through their distribution network to cater to the needs of different categories of consumers in their areas of operation. The difference of energy recorded at the interface points and the sum of the energy recorded at the consumer level is reckoned as distribution loss. The losses in the distribution system are due technical and commercial reasons like errors in metering, billing and theft / pilferage of electricity etc.

9.5.1 THE APPROVED DISTRIBUTION LOSSES FOR THE ESCOMs FOR THE YEAR FY18 AND FY19 ARE AS FOLLOWS:

Figures in percentage

Name of the ESCOM	Approved distribution losses for FY18	Approved revised distribution losses for FY19
BESCOM	12.50	12.25
MESCOM	11.05	10.95
CESC	13.00	12.75
HESCOM	15.50	14.90
GESCOM	16.00	15.00
Hukeri RECS	14.50	14.32

9.5.2 THE ACTUAL DISTRIBUTION LOSSES OF THE ESCOMs IN THE PAST FIVE YEARS ARE AS FOLLOWS:

Figures in percentage

Name of the ESCOM	FY13	FY14	FY15	FY16*	FY17*
BESCOM	13.82	13.89	13.53	13.51	13.19
MESCOM	11.88	11.93	11.57	11.50	11.40
CESC	15.07	14.73	13.89	17.26	13.10
HESCOM	19.96	18.05	16.74	20.92	16.02
GESCOM	19.09	17.77	18.93	18.71	17.33
Hukeri RECS	14.91	15.25	15.04	15.12	14.93

*The losses for FY16 and FY17 are as approved in APR for the respective year**

9.5.3 THE OVERALL TRANSMISSION AND DISTRIBUTION LOSSES FOR THE STATE ARE AS FOLLOWS:

Figures in percentage

FY13	FY14	FY15	FY16	FY17	FY18	FY19
19.61	18.92	18.63	18.97	17.68	*16.96	*15.82

* As per the approved figures in the ARR for FY18 and FY19

Transmission Tariff for FY19:

The approved revised transmission tariff for FY19 as per the Commission's Tariff Order dated 14th May, 2018 effective from 1st April, 2018 is as follows:



Revised Transmission Charges payable by ESCOMs for FY19			
Particulars	Capacity Allocation in MW	Transmission charges for FY19 Rs.Crores per annum	Transmission charges for FY19 Rs.Crores per Month
BESCOM	11003	1528.660	127.388
MESCOM	1615	224.374	18.698
CESC	2252	312.873	26.073
HESCOM	4000	555.725	46.310
GESCOM	2550	354.275	29.523
TOTAL (MW)	21420	2753.70	247.992
Transmission Tariff (Rs./MW/Month)	115776		
Transmission Charges (Rs/MW) for Short-term Users			
Transmission Charges (Rs/MW)	Amount in Rs/MW		
More than 12 Hrs&upto 24 Hrs in a day in one block	951.58		
More than 6 Hrs&upto 12 Hrs in a day in one block	475.79		
Upto 6 Hrs in a day in one block	237.90		

Further, the Commission has determined the SLDC charges of Rs.36.22 per day per MW to be paid to SLDC by open access consumers for utilizing the services of SLDC during FY19.

9.6 THE RPO COMPLIANCE OF THE ESCOMs IN THE FY18:

Renewable Energy Purchase Obligation (RPO)

Section 86(1)(e) of the Electricity Act, 2003 mandates the Commission to promote co-generation and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and also specify, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licensee. Accordingly, the Commission has specified through

Regulations, the percentage of energy to be sourced from renewable sources by the obligated entities namely the distribution licensees, captive consumers and open



access consumers. The RPO specified by the Commission for FY18 is indicated below:

Obligated Entity	% Non-solar RPO specified	% Solar RPO specified
BESCOM	12	2.75
MESCOM	12	2.75
CESC	11	2.75
HESCOM	8.5	2.75
GESCOM	6.0	2.75
HRECS	8.50	2.75
Open Access consumers with contract demand exceeding 5 MW sourcing power from other than renewable sources of energy	6.0	2.75
Grid connected Captive consumers with total Installed capacity exceeding 5 MW and generating electricity from sources other than renewables sources.	6.0	2.75

The following table indicates the Status of RPO Compliance in FY18 by ESCOMs:

RPO For FY18 Provisional									
ESCOM	Non-Solar RPO			Solar RPO					
	Energy Purchased -MU	%RPO Target	Non-solar RPO Target MU	RE purchased -MU- i.e. RPO met	%Non-solar RPO met	%RPO Target	RPO Target MU	Solar Energy purchased -MU	% Solar RPO met
BESCOM	30527.29	12.00	3663.27	3436.41	11.26	2.75	839.50	898.59	2.94
MESCOM	5546.81	12.00	665.62	638.00	11.50	2.75	152.54	158.24	2.85
CESC	6469.83	11.00	711.68	557.63	8.62	2.75	177.92	190.36	2.94
HESCOM incl.HRECS	12799.07	8.50	1087.92	2467.18	19.28	2.75	351.97	322.38	2.52
GESCOM	7988.74	6.00	479.32	666.67	8.35	2.75	219.69	253.46	3.17
Total	63331.74	10.43	6607.82	7765.89	12.26	2.75	1741.62	1823.03	2.88

10. Determination of Generic Tariff for Wind, Solar, Bio-Mass, Mini Hydel and Co-generation, Cross Subsidy Charges and Additional Surcharge:

10.1 DETERMINATION OF GENERIC TARIFF FOR WIND, SOLAR, BIO-MASS, MINI HYDEL, CO-GENERATION:



RE Sources	Control period	Approved Tariff Rs. Per Unit
Wind	1Year from 01-04-2018	3.45
Solar(MW scale)	1Year from 01-04-2018	3.05
Solar(SRTPV) Without subsidy	1Year from 01-04-2018	3.56
Solar(SRTPV) With subsidy	1Year from 01-04-2018	2.67
Bio-Mass	3Years from 01-04-2018	5.55 for water Cooled
		5.35 for Air Cooled
Mini-Hydel	3Years from 01-04-2018	3.95
Co-Gen	3Years from 01-04-2018	3.59

10.2 CROSS SUBSIDY SURCHARGE (CSS):

The Commission in its Tariff Order 2018 for the financial year 2018-19 has determined the CSS adopting the methodology specified in the Tariff Policy 2016, as indicated below:

(a) Applicable to BESCO

Particulars	Paise/unit	
	66 kV & above	HT level – 11kV/33kV
HT-1 Water Supply	114	104
HT-2a(i) Industries	157	157
HT-2a (ii) Industries	169	169
HT-2b(i) Commercial	201	201
HT-2b (ii)Commercial	204	204
HT-2 (c) (i)	154	154
HT-2 (c) (ii)	174	174
HT-3 (a) (i) Lift Irrigation	0	0
HT-3 (a) (ii) Lift Irrigation	0	0
HT-3 (a) (iii) Lift Irrigation	0	0
HT-3 (b) Irrigation & Agricultural Farms	26	0
HT-4 Residential Apartments	137	137
HT-5 Temporary	307	307

(b) Applicable to other than BESCO

Particulars	Paise/unit	
	66 kV & above	HT level – 11kV /33kV
HT-1 Water Supply	114	104
HT-2a Industries	169	169
HT-2b Commercial	204	204
HT-2 (c) (i)	154	154
HT-2 (c) (ii)	174	174
HT-3 (a) (i) Lift Irrigation	0	0
HT-3 (a) (ii) Lift Irrigation	0	0
HT-3 (a) (iii) Lift Irrigation	0	0
HT-3 (b) Irrigation & Agricultural Farms	26	0
HT-4 Residential Apartments	137	137
HT-5 Temporary	307	307

10.3 ADDITIONAL SURCHARGE:

The Commission vide Order dated 14th May,2018 has allowed collection of Additional Surcharge from Open Access Consumers as indicated below:

- (a) The Open Access consumers, procuring power from sources, including procuring power from the Power Exchanges, other than the RE generators, who have been granted the concessional Wheeling Charges under the above-referred proceedings, shall pay an Additional Surcharge of 54 (fifty-four) paise per unit;
- (b) The Open Access consumers, procuring power from the RE generators, who have been granted the concessional Wheeling Charges under the above-referred proceedings, shall pay an Additional Surcharge of 13 (thirteen) paise per unit;
- (c) The levy of Additional Surcharge shall not be applicable to a Captive Consumer, to the extent of his captive consumption; and,
- (d) The levy of Additional Surcharge stated at (a) and (b) above shall be in force from 01.04.2018 to 31.03.2019.

10.4 RETAIL SUPPLY TARIFF FOR FY19:

Retail Supply Tariff for Consumers in Karnataka as per the Commission's Order dated 14.05.2018 (effective for the electricity consumed from the first meter reading date falling on or after 01.04.2018)



	Category Description	Particulars/Slab of consumption (Units or KWH)	Type of charges	BESCOM	Other ESCOMs and Hukkeri RECS
LT-1	BJ/KJ		FC	40.00	40.00
		(Up to 40 Kwh per month)	EC	ACS*	ACS*
LT-2(a)(i)	Domestic AEH- coming under BBMP, Municipal Corpn and all Urban Local Bodies	For First KW	FC	50.00	50.00
		For every additional KW	FC	60.00	60.00
		0-30	EC	3.50	3.45
		31-100	EC	4.95	4.95
		101-200	EC	6.50	6.50
		201-300	EC	7.55	7.55
		301-400	EC	7.60	7.55
		Above 400	EC	7.65	7.55
LT-2(a)(ii)	Domestic AEH coming under Village Panchayats	For First KW	FC	35.00	35.00
		For every additional KW	FC	50.00	50.00
		0-30	EC	3.40	3.35
		31-100	EC	4.65	4.65
		101-200	EC	6.20	6.20
		201-300	EC	7.05	7.05
		Above 300	EC	7.10	7.05
LT-2(b)(i)	Pvt Educational Institutions and Nursing Homes & Private Hospitals coming under BBMP, Municipal Corpn and all Urban Local Bodies	For each KW	FC	65.00	65.00
		Subject to minimum of	FC	90.00	90.00
		0-200	EC	6.75	6.70
		Above 200	EC	8.00	7.95
LT-2(b)(ii)	Pvt Educational Institutions and Nursing Homes & Private Hospitals coming under Village Panchayats	For each KW	FC	55.00	55.00
		Subject to minimum of	FC	75.00	75.00
		0-200	EC	6.20	6.15
		Above 200	EC	7.45	7.40



	Category Description	Particulars/Slab of consumption (Units or KWH)	Type of charges	BESCOM	Other ESCOMs and Hukkeri RECS
LT-3 (i)	Commercial Lighting and heating coming under BBMP, Municipal Corpn and all Urban Local Bodies	For each KW	FC	70.00	70.00
		0-50	EC	7.75	7.75
		Above 50	EC	8.75	8.75
LT-3 (ii)	Commercial Lighting and heating coming under Village Panchayats	For each KW	FC	60.00	60.00
		0-50	EC	7.25	7.25
		Above 50	EC	8.25	8.25
LT-4 (a)	IP Sets less than 10HP			CDT*	CDT*
LT-4 (b)	IP Sets more than 10HP	For each HP	FC	60.00	60.00
			EC	3.25	3.25
LT-4 (c) (i)	Pvt Horticulture, Nurseries & Coffee & Tea plantations below 10HP	For each HP	FC	50.00	50.00
			EC	3.25	3.25
LT-4 (c) (ii)	Pvt Horticulture, Nurseries & Coffee & Tea plantations above 10HP	For each HP	FC	60.00	60.00
			EC	3.25	3.25
LT-5 (a)	Industrial heating and Motive power coming under BBMP and Municipal Corporation	Per HP for 5HP and below	FC	45.00	45.00
		Per HP for 5HP to less than 40HP	FC	50.00	50.00
		Per HP for above 40HP to less than 67HP	FC	70.00	70.00
		Per HP Above 67HP	FC	130.00	130.00
		0-500	EC	5.50	5.30
		501-1000	EC	6.75	6.25
		Above 1000	EC	6.75	6.55
LT-5 (b)	Industrial heating and Motive power coming under all areas other than those covered under LT-5(a)	Per HP for 5HP and below	FC	40.00	40.00
		Per HP for 5HP to less than 40HP	FC	45.00	45.00
		Per HP for above 40HP to less than 67HP	FC	65.00	65.00



	Category Description	Particulars/Slab of consumption (Units or KWH)	Type of charges	BESCOM	Other ESCOMs and Hukkeri RECS
		Per HP Above 67HP	FC	120.00	120.00
		0-500	EC	5.20	5.20
		501-1000	EC	6.10	6.10
		Above 1000	EC	6.40	6.40
LT-6(a)	Water Supply	Per HP	FC	65.00	65.00
		Per Unit	EC	4.40	4.40
LT-6 (b)	Street Lights	Per HP	FC	80.00	80.00
	LED Lighting	Per Unit	EC	6.10	6.05
		Per Unit	EC	5.10	5.05
LT-6(c)	Electric Vehicle Charging Station. (New Tariff category)	LT Per KW	FC	50.00	50.00
		HT- Per KVA	DC	180.00	180.00
			EC	4.85	4.85
LT-7 (a)	Temporary/ Hoarding & Advertising Boards	Less than 67 HP(EC subject to weekly minimum of Rs.200 per KW of the sanctioned load)	EC	10.30	10.30
LT-7 (b)	Permanent supply to Hoarding & Advertising Boards	For each KW	FC	75.00	75.00
		Per Unit	EC	10.30	10.30
HT-1	HT Water supply	Per KVA	DC	200.00	200.00
		Per Unit	EC	5.00	5.00
HT-2(a)(i)	HT Industries coming under BBMP and Municipal Corporation	Per KVA	DC	210.00	200.00
		For first one lakh units	EC	6.90	6.75
		For balance units	EC	7.20	7.00
	BMRCL	Per KVA	DC	210.00	-
		Per Unit	EC	5.00	-
	Railway Traction	Per KVA	DC	210.00	210.00
		Per Unit	EC	6.00	6.00
	Effluent Treatment Plant	Per KVA	DC	210.00	210.00
		Per Unit	EC	6.40	6.40



	Category Description	Particulars/Slab of consumption (Units or KWH)	Type of charges	BESCOM	Other ESCOMs and Hukkeri RECS
HT-2(a)(ii)	HT Industries other than those covered under HT-2(a) (i)	Per KVA	FC	200.00	200.00
		For first one lakh units	EC	6.80	6.75
		For balance units	EC	7.00	7.00
HT-2(b)(i)	HT commercial coming under BBMP and Municipal Corporation	Per KVA	FC	230.00	220.00
		For first one lakh units	EC	8.70	8.45
		For balance units	EC	8.80	8.55
HT-2(b)(ii)	HT Commercial other than those covered under HT-2(b)(i)	Per KVA	FC	220.00	220.00
		For first one lakh units	EC	8.50	8.45
		For balance units	EC	8.60	8.55
HT-2 (c) (i)	HT- Govt. Hospitals & Hospital run by Charitable Institutions & ESI Hospitals and Universities, Educational Institutions belonging to Govt., Local bodies, Aided Institutions and Hostels of all Educational Institutions.	Per KVA	FC	200	200
		For first one lakh units	EC	6.65	6.60
		For the balance unit	EC	7.05	7.00
HT-2 (c)(ii)	HT-Hospitals and Educational Institutions other than those covered under HT-(c) (i)	Per KVA	FC	200	200
		For first one lakh units	EC	7.65	7.60
		For the balance unit	EC	8.05	8.00
HT-3(a)(i)	LI Schemes under Govt.	EC subject to Annual minimum of Rs.1360 per HP/Annum	EC	2.50	2.50
HT-3(a)(ii)	LI Schemes on Urban/Express feeders	Per HP	FC	60.00	60.00
		Per Unit	EC	2.50	2.50
HT-3(a)(iii)	LI Schemes other than those covered under HT-3 (a)(ii)	Per HP	FC	40.00	40.00
		Per Unit	EC	2.50	2.50
HT-3(b)	HT Agriculture/Horticulture	EC subject to Annual minimum of Rs.1360 per HP of sanctioned load/Annum	EC	4.50	4.50
HT-4(a)	HT Residential –Applicable to all areas	Per KVA	FC	120.00	120.00
		Per Unit	EC	6.45	6.40



	Category Description	Particulars/Slab of consumption (Units or KWH)	Type of charges	BESCOM	Other ESCOMs and Hukkeri RECS
HT-5	Temporary- applicable to 67 HP and above of all categories including Hoarding & Advertising Boards	Per KVA	FC	250.00	250.00
		Per Unit (Weekly minimum is not applicable)	EC	10.30	10.30
HT-5(a)	Temporary- applicable to Bangalore International Exhibition Centre	Per Unit (No weekly minimum charges)	EC	11.30	-
ESCOM	*Average Cost of Supply (ACS) Rs/Unit	*Commission Determined Tariff (CDT) Rs/Unit			
BESCOM	6.80	3.70			
MESCOM	6.86	5.31		FC- Fixed Charges	
CESC	6.37	5.50		EC-Energy Charges	
HESCOM	6.80	6.24			
GESCOM	6.74	5.71			
Hukeri RECS	6.34	6.05			

MANGALORE SEZ

HT	HT Industrial	Per KVA/month	DC	200.00
		Per Unit	EC	6.85
HT	HT Construction	Per KVA/month	DC	240.00
		Per Unit	EC	10.00
LT	LT-Industrial	Per KVA/month	FC	190.00
		Per Unit	EC	6.35
LT	LT Construction	Per HP/month	FC	240.00
		Per Unit	EC	10.00

AEQUS SEZ

LT/HT	HT Industrial / Common Facilities	Per KVA/month	FC	190.00
		Per Unit	EC	6.50
LT/HT	HT Construction	Per KVA/month	FC	200.00
		Per Unit	EC	6.00

Time of day (ToD) Tariff for HT-2(a) , HT-2(b) and HT-2(c) categories with a Contract demand of 500 KVA and above is mandatory from 01.09.2012 .The ToD tariff on optional basis would continue as existing earlier for HT-1 category and also for LT-5, HT-2(a), HT-2 (b) and HT-2(c) categories with CD of less than 500 KVA at following ToD tariff

Time of Day	Increase(+)/reduction (-) in energy charges over the normal tariff applicable
06.00Hrs to 10.00Hrs	(+)100 paise per unit
10.00Hrs to 18.00Hrs	0
18.00Hrs to 22.00Hrs	(+)100 paise per unit
22.00Hrs to 06.00Hrs	(-)100 paise per unit

10.5 REVISED TRANSMISSION TARIFF FOR FY19:

The revised Transmission charges determined for the use of transmission system as per Commission's Order dated 14.05.2018, is Rs.115776 per MW per Month for all the ESCOMs and all long term open access customers excluding RE based generators who generate and supply electricity within the State and are not availing the REC benefits for FY19 (effective from 01.04.2018).

10.6 TRANSMISSION CHARGES FOR OPEN ACCESS (STOP) CUSTOMERS FOR FY19:

The Commission's approved revised transmission charges and SLDC charges for short term open access (STOP) customers for FY19:

Duration of Open access (Rs/MW)	Transmission Charges in Rs/MW	SLDC Charges in Rs/MW/day
More than 12 Hrs and up to 24 Hrs in a day in one block	951.58	36.22
More than 6 Hrs and up to 12 Hrs in a day in one block	475.79	
Up to 6 Hrs in a day in one block	237.90	

10.7 SPECIAL INCENTIVE SCHEME:

The Commission in order to boost the energy sales and to attract the consumers to consume power from ESCOMs has decided to introduce Special Incentive Scheme to HT category, as follows:

- *Special Incentive of Rs.2/- per unit for the energy consumption made during night hours from 22.00 Hours to 6.00 Hours (Next Day) off-peak period, to those HT consumers who opt for special incentive scheme.*
- *For the consumption between 10.00Hrs to 18.00Hrs over and above the base consumption of FY18, a reduction of Rs.1/- per unit is allowed as special incentive, to those HT consumers who opt for the special incentive scheme.*

10.8 TARIFF FOR ELECTRIC VEHICLE CHARGING STATIONS:

The Commission in the tariff order has introduced an additional sub-category of LT6(c) for the supply of power to the Electric vehicle charging stations under LT and HT categories.



**Activities of the Commission
During FY18**





11. IMPORTANT EVENTS DURING THE YEAR:

11.1 THE FOLLOWING ARE THE IMPORTANT EVENTS IN THE COMMISSION'S FUNCTIONING DURING FY2017-18:

- The Commission's new building at No.16, C-1, Miller Tank Bed Area, Vasanthanagara, was inaugurated by the Hon'ble Chief Minister on 02.02.2018.
- Proceedings in respect of Tariff Petitions of KPTCL, ESCOMs, Hukkeri RECS, Mangalore SEZ and AEQUS SEZ for the FY19 completed;
- Three meetings of the State Advisory Committee held during the year;
- Four meetings held with ESCOMs, HRECS & KPTCL to review quality of power supply, compliance of directives and other issues;
- 34 internal meetings of the Commission held to discuss and decide on various issues pertaining to the power sector;
- 254 Petitions filed for adjudication of disputes were heard and finally disposed of during the year;
- 62 PPAs and 60 supplemental PPAs approved;
- Truing up of APPC for 2017-18 and notifying provisional APPC for the 2018-19 for the purpose of Renewable Energy Certificate (REC) was done;
- Orders on four quarterly claims of Fuel Cost Adjustment Charges of all ESCOMs issued;
- Order, reducing the Banking period from the existing one-year period to six months issued.
- The proceedings in respect of determination of Additional surcharge for open access consumers completed and the Orders issued on 14th May, 2018.
- Proceedings in respect of modifications of Wheeling and Banking Charges for Renewable Energy Power Projects completed and the Orders issued on 14th May, 2018.
- A Number of new Regulations/ Amendments to Regulations issued;

11.2 Following are the activities of the Commission during the year, in pursuance of its functions specified, under Section 86 of the Electricity Act, 2003.



Section of EA 2003	Functions specified	Activities during the year
86(1)(a)	Determine tariff for generation, transmission, supply and wheeling of electricity.	Completed proceedings on Tariff petitions of KPTCL for transmission charges, and of Distribution licensees for retail supply and wheeling charges for FY19. Generic Tariff Order in respect of Mega Watt scale solar power plants and Solar Roof top photovoltaic (SRTPV) has been issued.
86(1)(b)	Regulate electricity purchase and procurement process of distribution licensee	122 No. of PPAs (including supplemental PPAs) approved by the Commission.
86(1)(c)	Facilitate intra state transmission and wheeling of electricity	Transmission and Wheeling charges determined in respective Tariff Orders.
86(1)(d)	Issue of license	KPTCL, ESCOMs and Hukkeri RECS are existing licensees. MSEZ and AEQUS SEZ are deemed licensees.
86(1)(e)	Promotion of co-generation and renewable sources of energy	Renewable Purchase Obligation has been specified for all the ESCOMs / captive and open access consumers. Renewable Energy Certificate (REC) already introduced. Renewable Purchase Obligation (RPO) compliance monitored.
86(1)(f)	Adjudicate upon disputes	The Commission has disposed of 254 Petitions during the year.
86(1)(g)	Levy of fee	Fee levied as per the provisions of the Regulations made is being collected.
86(1)(i)	Enforce standards	The quality, continuity and reliability of services by the licensees reviewed regularly.
86(1)(j)	Fixing trading margin	No intra-state trader exists in the State.
86(1)(k)	Discharge such other functions	Undertaken such functions whenever, required.
86(2)	Advise the State Government	Advisory on specific issues communicated to the State Government
86(3)	Ensure transparency	Public hearings and written comments / suggestions invited from stakeholders in all tariff determination and other proceedings.
86(4)	Guided by National Electricity Policy and Plan and Tariff Policy.	The Commission has taken note of the provisions of NEP and Tariff Policy in discharge of its functions.

11.3 TARIFF ORDER OF THE KPTCL:

The Commission had issued the Tariff Order dated 14th May, 2018 in respect of the KPTCL effective from 1st April, 2018. The revised Annual Revenue Requirement (ARR) as per the Annual Performance Review for FY17 was approved by the Commission and a surplus of Rs.496.69 Crores was carried forward to the approved ARR of FY19 as detailed below:

Rs. Crores

Particulars	FY19
Approved Annual Revenue Requirement as per Order dated 30 th March, 2016	3472.60
Surplus carried forward as per Annual Performance Review for FY17.	496.69
Revised approved ARR for FY19	2975.91

11.4 TARIFF ORDERS OF THE ESCOMS:

The Commission has issued the Tariff Orders dated 14th May, 2018 in respect of all the Electricity Supply Companies (ESCOMs), Hukkeri RECS, Mangalore SEZ and AEQUS SEZ. The Commission has also approved the ARR for FY17 based on the Annual Performance Review and has carried forward the deficit/surplus in revenue to the Annual Revenue Requirement (ARR) for FY19. The ARR sought by the ESCOMs and approved by the Commission for FY19 are as follows:

Rs. Crores

ESCOM	FY19	
	As filed	As approved
BESCOM	19680.34	19236.16
MESCOM	3818.75	3245.70
CESC	4952.71	4129.32
HESCOM	8510.48	7279.54
GESCOM	5729.03	4707.08
Hukkeri RECS	212.28	176.79
Mangalore SEZ	41.94	38.23
AEQUS SEZ	15.12	14.83

(Above figures are rounded off, to the nearest integer)

Based on the above ARR of ESCOMs for FY19, the Commission has allowed an average increase in retail supply tariff of 38 paise per unit for BESCOM and a tariff of

30 paise per unit for all other ESCOMs to bridge the gap in revenue of Rs.1943.42Crores for FY19 (Inclusive of carried forward deficit of Rs.2485.62 Crores as per the APR for FY17).

11.5 REGULATIONS / ORDERS ISSUED BY THE COMMISSION:

During the year the following Regulations/important Orders were issued by the Commission:

- a) KERC(Procurement of Energy from Renewable Sources)(Fifth Amendment) Regulations,2017
- b) KERC(Terms and Conditions for Open Access) (Fourth Amendment) Regulations,2017 and KERC (Terms and Conditions for Determination of Tariff for Distribution and Retail Sale of Electricity) (Third Amendment) Regulations, 2017
- c) Conditions of supply of electricity of distribution licensees in the State of Karnataka (CoS) (Sixth Amendment) 2017.
- d) The KERC (Recovery of Expenditure for Supply of Electricity) (Ninth Amendment) Regulations, 2017.
- e) Karnataka Electricity Regulatory Commission (Compliance Audit) Regulations, 2016.

The details of the Amendments are as follows:

11.5.1 KERC(PROCUREMENT OF ENERGY FROM RENEWABLE SOURCES)(FIFTH AMENDMENT) REGULATIONS,2017

The above Regulations was notified in the Gazette on 20.02.2018. The main amendment was with respect to revision of the RPO percentages, as indicated below:

Percentage target

Obligated Entity	Non –Solar		Solar	
	2017-18	2018-19	2017-18	2018-19
BESCOM	12.00	13.00	2.75	6.00
MESCOM	12.00	13.00	2.75	6.00
CESC	11.00	12.00	2.75	6.00
HESCOM	8.50	9.50	2.75	6.00
GESCOM	6.00	7.00	2.75	6.00
HRECS	8.50	9.50	2.75	6.00
Open Access consumers with contract	6.00	7.00	2.75	6.00



Obligated Entity	Non –Solar		Solar	
	2017-18	2018-19	2017-18	2018-19
demand exceeding 5 MW sourcing power from other than renewable sources of energy				
Grid connected Captive consumers with total Installed capacity exceeding 5 MW and generating electricity from sources other than renewable sources.	6.00	7.00	2.75	6.00

The Regulations also provided for meeting the shortfall in Solar RPO by Non-Solar energy procured in excess of Non-Solar RPO target.

11.5.2 KERC(TERMS AND CONDITIONS FOR OPEN ACCESS) (FOURTH AMENDMENT) REGULATIONS,2017 AND KERC (TERMS AND CONDITIONS FOR DETERMINATION OF TARIFF FOR DISTRIBUTION AND RETAIL SALE OF ELECTRICITY) (THIRD AMENDMENT) REGULATIONS, 2017

The above Regulations were issued vide Notification No. Y/01/17/1550 dated 15.12.2017 and No.D/01/17551 dated 15.12.2017 respectively. The amendments were carried out to adopt the new formula specified for CSS in the Tariff Policy,2016. Accordingly, Clause(iv) of Regulation 11 of **KERC(Terms and Conditions for Open Access) (Fourth Amendment) Regulations,2017** and **Regulation 4.1 of and KERC (Terms and Conditions for Determination of Tariff for Distribution and Retail Sale of Electricity) (Third Amendment) Regulations** are amended adopting the following formula:

$$S = T - [C / (1 - L/100) + D + R]$$

Where

S is the surcharge

T is the tariff payable by the relevant category of consumers, including reflecting the Renewable Purchase Obligation

C is the per unit weighted average cost of power purchase by the Licensee, including meeting the Renewable Purchase Obligation

D is the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level

L is the aggregate of transmission, distribution and commercial losses, expressed as a percentage applicable to the relevant voltage level

R is the per unit cost of carrying regulatory assets.

Provided that the surcharge shall not exceed 20% of the tariff applicable to the category of the consumers seeking open access.

11.5.3 CONDITIONS OF SUPPLY OF ELECTRICITY OF DISTRIBUTION LICENSEES IN THE STATE OF KARNATAKA (COS) (SIXTH AMENDMENT) 2017.

The Sixth Amendment to Conditions of Supply of Electricity of Distribution Licensees in the State of Karnataka (CoS) were finally notified in the Karnataka Gazette on 17th July, 2017.

The Additional Chief Secretary to Govt., Energy Department, MESCOM and the President, KASSIA had requested the commission to amend clause 4.02 of Conditions of Supply. Further, several other consumers had also requested for amendments to certain Clauses of CoS to bring in more clarity.

After eliciting the views/comments / suggestions from stakeholders, the Commission notified the sixth amendment to CoS so as to provide for the above.

11.5.4 THE KERC (RECOVERY OF EXPENDITURE FOR SUPPLY OF ELECTRICITY) (NINTH AMENDMENT) REGULATIONS, 2017.

The KERC (Recovery of Expenditure for Supply of Electricity) (Ninth Amendment) Regulations, 2017, was finally notified in the Karnataka Gazette on July, 2017.

The BESCOM had filed a petition vide OP No.100/2017 seeking certain amendment to the Recovery of Expenditure for Supply of Electricity Regulation. MESCOM had also requested the Commission to amend certain clauses in above Regulation.

Further, other consumers had requested for amendments to certain clauses of these Regulations to bring in more clarity.

After eliciting the views/comments / suggestions from the stakeholders, the Commission notified the Eighth amendment to the Regulation to provide for the above.

11.5.5 KARNATAKA ELECTRICITY REGULATORY COMMISSION (COMPLIANCE AUDIT) REGULATIONS, 2016.

The Commission had notified the Karnataka Electricity Regulatory Commission (Compliance Audit) Regulations, 2016 vide Notification No.B/2/16 dated 09.01.2017 and the same was published in the Gazette of Karnataka on 23.02.2017. These Regulations specify the terms and conditions for the conduct of audit of Generating Companies, Transmission licensees, Distribution licensees, Electricity Traders, and the State Load Dispatch Centre being the regulated entities, for verifying their compliance with the Act, Rules, Regulations made thereunder, orders and directions issued by the Commission from time to time.

11.6 IMPORTANT ORDERS ISSUED DURING THE YEAR FY 18

- (a) Tariff and other operational procedures applicable in respect of Multiple / combined solar roof top photovoltaic (SRTPV) installations in a single premises.
- (b) Tariff Order for SRTPV plants violating the norms specified for implementation of the SRTPV plants.
- (c) Determination of Generic Tariff for Electricity Generated from Mini-Hydel, Co-Generation and Biomass based Power Plants during the Control Period 01.04.2018 to 31.03.2021
- (d) Determination of Generic tariff for Wind Power Projects, Solar Power projects (Ground mounted and Solar roof top)
- (e) Wheeling and Banking Charges for Renewable Power Projects
- (f) Truing up of APPC for 2017-18 and notifying provisional APPC for 2018-19 for the purpose of Renewable Energy Certificate (REC)

The details of the Orders are as follows:

11.6.1 TARIFF AND OTHER OPERATIONAL PROCEDURES APPLICABLE IN RESPECT OF MULTIPLE / COMBINED SOLAR ROOF TOP PHOTOVOLTAIC (SRTPV) INSTALLATIONS IN A SINGLE PREMISES

The Commission in its Order dated 15.09.2017 has allowed installation of multiple SRTPV units or single SRTPV unit by multiple consumers with the combined installed capacity in a single premises not exceeding the total sanctioned load of all the consumers in that premises at a tariff equivalent to APPC or Rs.4 per unit, whichever is less.

11.6.2 TARIFF ORDER IN RESPECT OF SRTPV PLANTS VIOLATING CERTAIN NORMS SPECIFIED FOR IMPLEMENTATION OF THE SRTPV PLANTS.

- It was brought to the notice of the Commission by the ESCOMs that a large number of PPAs, executed in respect of the SRTPV projects have been terminated or in the process of being terminated for reasons like, projects not being commissioned within the stipulated time etc. It was also brought to the notice of the Commission that such consumers have come forward to commission the SRTPV plants at rates different from that agreed in the PPAs.
- The Commission noted that the commissioning of the affected SRTPV plants, involving large investments by respective consumers, would be in the larger public interest.
- To deal with such cases which are ready for commissioning, the Commission has issued Orders on 07.11.2017, so as to allow the plants to be



commissioned but with a reduced tariff as per Commission's Order 02.05.2016 or Rs 3.57 per unit, on a case to case basis.

11.6.3 DETERMINATION OF GENERIC TARIFF FOR ELECTRICITY GENERATED FROM MINI-HYDEL, CO-GENERATION AND BIOMASS BASED POWER PLANTS DURING THE CONTROL PERIOD 01.04.2018 TO 31.03.2021

- The Commission taking note of the fact that there is a need to determine tariff for Mini-Hydel, Bagasse based co-generation and Rankine cycle based biomass power plants with water cooled condenser as well as air-cooled condenser, which are likely to be commissioned after 31.03.2018 and that the tariff for existing bagasse based co-generation and Rankine cycle based biomass power plants with water cooled condenser as applicable after 31.03.2018 also needs to be revised, issued a consultation paper on 19.12.2017, inviting comments/views/ suggestions from interested persons. The Commission proposed the norms for determination of tariff for the above power plants as indicated below:

Parameter	Mini-Hydel		Co-generation		Biomass	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
Debt: Equity	70:30	70:30	70:30	70:30	70:30	70:30
RoE	16%	14%	16%	14%	16%	14%
Income Tax	Pass through	Pass through	Pass through	Pass through	Pass through	Pass through
Interest on term loan	12.50%	11.00%	12.50%	11.00%	12.50%	11.00%
Depreciation	5.83% for the first 12-years, and the balance spread over the life of the project	5.38% for the first 13-years, and the balance spread over the life of the project	5.83% for the first 12-years, and the balance spread over the life of the project	5.38% for the first 13-years, and the balance spread over the life of the project	5.83% for the first 12-years, and the balance spread over the life of the water cooled condenser based project 7% for the first 10-years for air cooled condenser based project	5.38% for the first 13-years, and the balance spread over the life of the project



Parameter	Mini-Hydel		Co-generation		Biomass	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
Interest on WC	13.25%	12.00%	13.25%	12.00%	13.25%	12.00%
Capital Cost[CC] - RsCrS/MW	6.20	6.20	4.75	4.75	5.70 for water cooled & 5.80 for air cooled	5.70 for water cooled & 5.80 for air cooled
O& M as percentage of CC for base year	2.0%	2.0%	3.0%	3.0%	5.30% for water cooled & 4% for air cooled	5.0% of CC for water cooled and 4% of CC for air cooled condenser based power plants
O & M annual escalation	5.72%	5.72%	5.72%	5.72%	5.72% for water cooled & 5% for air cooled	5.72%
PLF	30	30	60%	60%	75%	75%
Auxiliary	1%	1%	9%	8.5%	10%	10%
Specific Fuel consumption- Kg/kWh	Not applicable	Not applicable	1.60	1.60	1.21 for water cooled & 1.18 for air cooled	1.21 for water cooled and 1.18 for air cooled
Fuel Cost- Rs/MT	Not applicable	Not applicable	1600	Rs.470 to 765 for in-house bagasse and Rs.1890 for bagasse purchased	2100 for water cooled & 2000 for air cooled	2500

Further, the Commission has passed the Orders on 14th May, 2018.

11.6.4 DETERMINATION OF GENERIC TARIFF FOR WIND POWER PROJECTS

The Commission having issued order making procurement of wind only under competitive bidding by distribution licensees w.e.f from 01.04.2018, issued a discussion paper for determining Wind tariff for the power plants commissioned after



31.03.2018, for the purpose of payment towards unutilized banked energy at the end of banking period and in such other cases where the Commission had referred to the Generic wind tariff in its orders. The Parameters proposed in the discussion paper is as indicated below:

Parameter	Existing as per Order dated 04.09.2017	Proposed
Capital Cost-Rs.MW	6.20	5.50
Debt: Equity ratio	70:30	70:30
CUF in %	28	30
Interest on term loan in %	9.23	9.23
Tenure of loan-Yrs.	13	13
Working Capital [WC]	Two-Months' receivables	Two-Months' receivables
Interest on WC in %	11.50	11.00
Depreciation in %	5.38% for first 13 years and remaining depreciation spread over balance years of the useful life.	5.38% for first 13 years and remaining depreciation spread over balance years of the useful life.
RoE in %	14	14
O & M Expenses-Rs. Lakhs/MW	10.00	10.00
O & M expenses' escalation per annum	5.72%	5.72%
Auxiliary Consumption	0.5%	0.5%

Further, the Commission has passed the Orders on 16th May, 2018.

11.6.5 DETERMINATION OF GENERIC TARIFF FOR SOLAR POWER PROJECTS (GROUND MOUNTED AND SRTPV)

- (i) The Commission has determined the generic tariff, for grid connected megawatt scale solar power projects of less than 5MW capacity at Rs.3.05 [Three Rupees fivepaise] only per unit; and for grid connected Solar Rooftop Photovoltaic projects of 1MW and below at Rs.3.56 [Three Rupees fifty-sixpaise] only per unit (without capital subsidy) and at Rs.2.67 [Two Rupees sixty-sevenpaise] only per unit (with capital subsidy);



- (ii) The above tariff shall be applicable to all such new solar power projects for which PPAs are entered into and approved by the Commission after the date of issue of this Order, that achieve commercial operation on or after 01.04.2018;
- (iii) The tenure of the PPA, shall be for life of the solar power projects i.e., twenty-five (25) years;
- (iv) The generic tariff determined in this Order shall also be applicable for payment towards any banked energy purchased by the Distribution Licensees and in such other cases as specified in the relevant orders of the Commission;
- v) All the other issues not covered under this Order, shall be governed by the respective Regulations and Orders issued by the Commission and PPAs signed by the parties; and
- vi) This Order shall be in force with effect from 1st April, 2018 and till 31st March, 2019.

a) Parameters approved by the Commission for MW scale

Solar Power Projects is as follows:

Parameters for Megawatt scale solar projects	
Cost/MW- Rs. Lakhs	350
Debt: Equity	70:30
Debt-Rs. Lakhs	245
Interest charges on Debt-%	10%
Debt Repayment in Yrs.	13
CUF	19%
Equity- Rs. lakhs	105
ROE-%	14%
Auxiliary consumption	0.25%
O & M expenses in Rs. lakhs	4.5
O & M Escalation p.a.	5.72%
WC interest (two months' receivables)	11%
Depreciation in %	5.38%p.a for first 13 years and remaining depreciation spread equally over balance years of the plant useful life.

b) Parameters approved by the Commission for kW scale SRTPV Projects (1 to 1000kW):

Parameters for Kilowatt scale	
Cost/KW- Rs. Lakhs	1 to 1000 kW-Rs.40000 per kW
Debt: Equity	70:30
Debt-Rs. Lakhs	0.28
Interest charges on Debt-%	10 %
Debt Repayment in Yrs.	13 Years
CUF	19%
Equity- Rs. lakhs	0.12
ROE-%	14%
Auxiliary consumption	00
O & M expenses in Rs. lakhs	0.006
O & M Escalation p.a.	5.72%
WC interest (one month's receivables)	11%
Depreciation in %	5.38%p.a for first 13 years and remaining depreciation spread equally over balance years of the plant's useful life.

Further, the Commission has passed the Orders on 18th May, 2018.

11.6.6 DETERMINATION OF WHEELING AND BANKING CHARGES FOR RENEWABLE SOURCES OF ENERGY:

The Commission issued a discussion paper titled "Wheeling and Banking Charges for Renewable Power Projects" inviting comments/suggestions/views from Stakeholders.

The Commission, after receiving the comments/views/ suggestions from stakeholders and after conducting the public hearing in the matter has passed Order dated 14.05.2018 fixing the charges.

11.6.7 NOTIFICATION OF POOLED COST OF PURCHASE FOR THE PURPOSE OF RENEWABLE ENERGY CERTIFICATE (REC):

The Commission vide its notification-dated 02.04.2018, which was published in the gazette of Karnataka on 04.04.2018, has tried up the APPC for the year 2017-18 at

Rs. 3.64/unit against the earlier approved cost of Rs. 3.57/unit. Further, in the said Notification, the Commission has retained the pooled cost at Rs.3.64 per unit for 2018-19 also, as an interim measure.

11.6.8 Fuel Cost Adjustment Charges (FAC):

The Commission has issued Orders on Fuel Cost Adjustment Charges for each quarter of the FY18.

11.7 THE RENEWABLE ENERGY (RE) PPAS APPROVED UPTO MARCH, 2018 BY THE COMMISSION.

The cumulative status of ESCOM wise abstract of PPAs approved by the Commission is as follows:

Table-1
RE PPAs approved by the KERC during the FY17

Type	BESCOM		MESCOM		CESC		HESCOM		GESCOM		Total	
	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW
Wind	16	197.50	-	-	-	-	15	313.70	18	378.65	49	889.85
Solar	6	19	-	-	1	2	1	3	-	-	8	24
Co-Generation	-	-	-	-	1	18	2	60	1	15	4	93
Mini Hydel	-	-	1	24	-	-	-	-	-	-	1	24
Solar Roof Top	4	4	-	-	-	-	-	-	-	-	-	4
Total	26	220.5	1	24	2	20	18	376.7	19	393.65	62	1034.85

Table-2
RE Supplemental PPAs approved by KERC during FY17

Type	BESCOM		MESCOM		CESC		HESCOM		GESCOM		Total	
	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW
Wind	12	19	-	-	1	1.5	4	64.60	1	100	18	185.1
Mini Hydel	-	-	-	-	-	-	-	-	2	30	2	30
Solar	11	92	1	1	3	4	-	-	1	20	16	117
Bio Mass	-	-	-	-	-	-	-	-	2	12	2	12



Type	BESCOM		MESCOM		CESC		HESCOM		GESCOM		Total	
	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW	No of PPAS	Capacity MW
Co-Gen	-	-	-	-	-	-	1	18	-	-	1	18
Solar Roof Top	21	21	-	-	-	-	-	-	-	-	21	21
Total	44	132	1	1	4	5.5	5	82.6	6	162	60	383.1

11.8 POST COMMISSIONING ANALYSIS OF CAPITAL EXPENDITURE OF TRANSMISSION AND DISTRIBUTION LICENSEES FOR FY17:

The Commission has been conducting prudence check of the Capital Expenditure of the Transmission and Distribution Licensees during the Annual Performance Review of KPTCL and ESCOMs every year. The Commission has been disallowing the amount of interest and depreciation on the works which were found to be not meeting the norms of Prudence, in the revised ARR during the Annual Performance Review of the respective years.

The Commission noted that conducting Prudence Check year on year, has become a routine exercise and that the KPTCL and ESCOMs are yet to appreciate the importance of conducting the Prudence check as could be seen from the improper data being maintained by them and the delay caused in furnishing the details to the Commission. In order to create awareness on the importance of the Prudence Check, the Commission felt that there should be a change in the approach of addressing this issue. Hence, the Commission decided to direct the KPTCL and the ESCOMs, to initially take up the prudence check through their respective Technical Audit wings and furnish the reports along with the required evaluation sheets in the prescribed formats. The reports submitted by the KPTCL and ESCOMs, could be subjected to random check by the Commission once in two years, through third party verification, on random sampling basis. In case the works are found to be imprudent during the random check, the outlay thereon could be treated as not meeting the norms of prudence and disallow the interest and depreciation in respect of such works, in the ARR. The disallowance, as per the result of the third party could be factored in the revised ARR during the Annual Performance Review (APR), conducted by the Commission for the respective years.

For implementing the above, the Commission has issued detailed guidelines to the KPTCL and the ESCOMs to conduct the Post- Commissioning analysis of the works that are categorized during the financial year. The detailed procedure with methods for evaluating / grading of the projects by the Licensees has also been circulated

among the KPTCL and ESCOMs, after obtaining their comments and views to ensure ease of implementation of the guidelines.

Accordingly, the Commission directed the KPTCL & ESCOMs to conduct the Post Commissioning analysis of the works which have been completed and categorized during FY17 and submit their reports.

Some of the ESCOMs had sought time up to the end of December, 2017 for submission of the reports on the post commissioning analysis, which was granted by the Commission.

The KPTCL and ESCOMs have since submitted their respective Post Commissioning Analysis Reports and the same has been examined by the Commission. The Commission has decided to take up the the verification (through third parties) of these categorised works of FY17 along with the categorised works of FY18, on a random sample basis, during the APR of FY18.

11.9 REVIEW OF PERFORMANCE OF KPTCL AND ESCOMs:

The Commission has been conducting Performance Review Meetings of Transmission utility (KPTCL) and the Distribution utilities on a quarterly basis. In respect of KPTCL, some of the key parameters monitored are as follows:

I. KPTCL's and SLDC Review:

- i. Status of Implementation of Intra –State Availability Based Tariff (ABT),
- ii. Transmission system for evacuation of power from YTPS, BTPS III generation units and MW scale Solar power projects,
- iii. Compliance to directives of the Commission;
 - a) Transmission System Availability-(TSA),
 - b) Status of working of Capacitors,
 - c) Energy audit,
 - d) Prevention of Electrical Accidents.

In respect of the ESCOMs, the important parameters pertaining to the distribution business are reviewed, as follows:

II. ESCOM's Review:

- i. Status of GPS survey to identify the live IP Set installations, dried up/ not in use IP Sets,
- ii. Status of RPO compliance by the ESCOMs.
- iii. Monitoring of Interruptions in Power Supply
- iv. Status/progress of computation of specific consumption of IP sets

- v. DCB analysis - of ESCOMs (Analysis of Impact of Tariff Revision)
- vi. Status of compliance to directives of the Commission;
 - a. Conducting consumers' interaction meeting in O&M subdivisions,
 - b. Preparation of energy bills on 15 minutes' time block for HT/EHT consumers importing energy through power exchanges under open access,
 - c. Energy audit of Divisions, Towns, Cities & DTCs and Feeders having highest percentage of Distribution losses
 - d. DTC metering and Distribution Transformer failures
 - e. Providing Timer switches to street light installations,
 - f. Status of implementation of HVDS and NJY and Analysis thereon,
 - g. Lifeline supply to Un-Electrified households,
 - h. DSM in Agriculture,
 - i. Financial frame work in ESCOMs,
 - j. Prevention of Electrical Accidents.

Apart from the above, some of the additional subjects listed below are also discussed and monitored:

- 1) Quality of supply in terms of interruptions, interruption duration,
- 2) Implementation of SMART GRID pilot project –by CESC
- 3) Providing of infrastructure to regularized UNIP Sets.
- 4) Status of Compliance to KEGC and KEDC, Smart Grid Regulations and other Regulations by KPTCL and ESCOMs.
- 5) Discussion on the Technology innovation and new initiatives by KPTCL and ESCOMs to improve the performance
- 6) Status of RPO compliance by the ESCOMs- future plans

The Commission has been issuing directions to the KPTCL and ESCOMs to improve the reliability of their system, reduce interruptions and improve the quality of power supply. The Commission has directed the ESCOMs to monitor the interruptions and list the feeders having more than 60 interruptions per month, more than 30 hours of interruption durations per month and take suitable action to reduce the interruption and its durations. The Commission has also discussed the failure of transformers and noted that, in some of the ESCOMs the failure rate is at very high level, resulting in interruptions and inconvenience to the consumers and hence directed ESCOMs to take up appropriate actions to reduce failures.

As regards the metering of distribution transformers, energy audit and improving collection efficiency, the Commission has issued directions to the ESCOMs to achieve the targets as set out year on year.

The Commission has also reviewed the compliance by the Licensees to the Directives issued on a regular basis and directed the Licensees to ensure compliance of the directives, to improve the performance in a sustained manner.

The Commission has directed the KPTCL and ESCOMs to plan the capital expenditure in order to achieve the loss reduction by implementing the system improvement works, so that, the transmission and the distribution losses are brought down below the target figures besides improving the quality and reliability of the system.

Further, the Commission has reviewed the status of implementation of Intra State ABT, compliance to the provisions of the Regulations like KEGC & KEDC and Smart Grid Regulations by the Licensees and discussed the various new technology initiatives like Smart Grid Pilots, DSM measures and Distribution Automation (DAS) taken up by the Licensees during the year.

11.10 TRANSMISSION SYSTEM AVAILABILITY:

The Commission is examining the Transmission System Availability (TSA) submitted by the transmission licensee (KPTCL) before factoring it in the computations during the Annual Performance Review (APR) while allowing the incentives towards achieving the TSA above the target levels. The TSA submitted by KPTCL has also been forwarded to all the Distribution licensees for their verification and comments/ views.

11.11. MEETINGS OF THE COMMISSION:

The Commission has held 34 meetings to discuss various issues on the power sector during the year. The following are some of the important subjects discussed in the Commission's meetings.

- i. Approval of the APR for the FY17 and revision of transmission tariff for FY19 of the KPTCL.
- ii. Approval of the APR for the FY17 and ARR for FY19 & Revision of retail supply tariff for all the ESCOMs, the Hukkeri RECS and the SEZs for the FY19.
- iii. Review of power position in the State.
- iv. Approval of medium/short-term power procurement proposals and power purchase agreements.
- v. Approval of deviations in bidding documents proposed by the PCKL /KREDL and related issues.
- vi. Issue of new Regulations and amendments to Regulations.



- vii. Monitoring and Review of compliance of Renewable Purchase Obligation by the ESCOMs and other obligated entities.
- viii. Approval of quarterly Fuel Cost Adjustment Charges (FAC).
- ix. Prudence check of capital expenditure of the KPTCL, the ESCOMs and the HRECS.
- x. Nomination of Members to the State Advisory Committee and District Level Consumer Grievance Redressal Forums [CGRF].
- xi. Other administrative matters of the Commission.



Advisory Committee

Activities during the year 2017-18





12. ADVISORY COMMITTEE OF THE COMMISSION

12.1 In pursuance of the provisions contained in Section 34 of the Karnataka Electricity Reforms act, 1999 and Section 87 of the Electricity Act, 2003, the commission has established a state level advisory committee to advise the commission on:

- (i) Major questions of policy;
- (ii) Matters relating to quality, continuity and extent of services provided by the Licensees;
- (iii) Compliance by the Licensees with the conditions and requirements of their License;
- (iv) Protection of consumers' interest; and
- (v) Electricity supply and overall standards of performance by utilities.

A List of the present Members of the Advisory Committee is placed in **Annexure- 2**.

12.2 BRIEF ACCOUNT OF THE IMPORTANT ISSUES DISCUSSED IN THE MEETINGS:

During the year, three meetings of the Advisory Committee were held.

- (1) In the 51th meeting held on 21th June, 2017, the Committee reviewed the power position in the State. The Committee further reviewed the status of commissioning of new thermal generating stations at BTPS and YTPS along with the status of evacuation of power from these power plants. The KPTCL made their presentation to the Committee on the implementation of Scheduling, Accounting, Metering and Settlement of Transaction of Electricity [SAMAST] and the strengthening/ improving the effective monitoring of RPO compliance of the obligated entities by the SLDC. The KREDL also made presentation to the Committee on the Status of implementation of RE projects –solar and wind projects.
- (2) In the 52nd meeting held on 11th October, 2017, the Committee reviewed the power position in the State. Further, the Committee also noted the status of upcoming new thermal generating stations at BTPS & YTPS and the KPCL made the presentation to the Committee on the status of proposed pumped storage at Sharavathy Complex Hydel generation and on implementation of Intra State ABT-status of providing ABT meters at interface point for KPCL thermal generating stations.
- (3) In its 53rd Meeting held on 14th March, 2018, the Committee reviewed the power position in the State. The Committee also discussed the implementation of Scheduling, Accounting, Metering and Settlement of Transaction of Electricity [SAMAST] and the strengthening/ improving the effective monitoring



of RPO compliance of the obligated entities by the SLDC.PRDCL made the presentation on absorption of RE power in Karnataka State. The Committee also discussed of Green Corridor projects, status of 400kV transmission lines. BESCO made the presentation to the Committee on compliance of safety and related issues as per the manual of safety / technical Audit issued by the Commission.

13. COMMISSION'S ADJUDICATION ACTIVITIES:

The Commission generally holds hearings on Tuesdays and Thursdays of every week for adjudication of disputes between the licensees and generators and also conducts public hearings as a part of consultative process in determination of tariff, making regulations whenever necessary.

13.1 The Abstract of Petitions filed before the Commission during the year and their disposal, as on 31.03.2018, is indicated below:

Abstract

No. of cases pending as on 1.4.2017	248
No. of cases filed during the year	142
No. of cases disposed during the year	254
Cases pending at the end of the year	136

13.2 The details of Petitions, Complaints, Review Petitions and others disposed of during the period from 1st April, 2017 to 31st March, 2018 are as follows:

Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
1	OP 71/16	10.8.16	Hemanth vs KREDL & others	Purchase of energy by ESCOMs from solar and other RE sources	06.04.17
2	OP 38/16	8.6.16	NSL Sugars Ltd vs BESCO & others	Determination of tariff for its bagasse based co gen plant	11.4.17
3	OP 39/16	10.6.16	-do-	-do-	11.4.17
4	OP 40/16	10.6.16	-do-	-do-	11.4.17
5	OP 41/16	10.6.16	Davanagere Sugar Co. Ltd vs BESCO & others	-do-	11.4.17
6	OP 42/16	10.6.16	Gem Sugars Ltd Vs BESCO & others	-do-	11.4.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
7	OP 43/16	13.6.16	Vijayanagar Sugars Pvt Ltd vs BESCO & others	-do-	11.4.17
8	OP 44/16	14.6.16	EID Parry (India) Ltd vs BESCO & others	-do-	11.4.17
9	OP 45/16	14.6.16	Athani Sugars Ltd vs BESCO & others	-do-	11.4.17
10	OP 46/16	14.6.16	KPR Sugar Mills Pvt Ltd vs BESCO & others	-do-	11.4.17
11	OP 47/16	14.6.16	Jamakhandi Sugars Ltd vs BESCO & others	-do-	11.4.17
12	OP 48/16	14.6.16	Sri Chamundeswari Sugars Ltd vs BESCO & others	-do-	11.4.17
13	OP 49/16	14.6.16	Manali Sugars Ltd vs BESCO & others	-do-	11.4.17
14	OP 50/16	14.6.16	EID Parry (India) Ltd vs BESCO & others	-do-	11.4.17
15	OP 51/16	14.6.16	Jamakhandi Sugars Ltd vs BESCO & others	-do-	11.4.17
16	OP 52/16	16.6.16	Shamanur Sugars Ltd vs BESCO & others	-do-	11.4.17
17	OP 53/16	15.6.16	Bhalkeshwar Sugars Ltd vs BESCO & others	-do-	11.4.17
18	OP 54/16	15.6.16	Godavari Biorefineries Ltd vs BESCO & others	-do-	11.4.17
19	OP 55/16	15.6.16	Core Green Sugar & Fuels Pvt Ltd vs BESCO & others	-do-	11.4.17
20	OP 56/16	15.6.16	Shiraguppi Sugar Works Ltd vs BESCO & others	-do-	11.4.17
21	OP 58/16	16.6.16	Shree Renuka Sugar Ltd vs BESCO & others	Determination of tariff for its bagasse based co gen plant	11.4.17
22	OP 59/16	16.6.16	Indian Cane Power Ltd vs BESCO & others	-do-	11.4.17
23	OP 60/16	16.6.16	Shree Renuka Sugar Ltd vs BESCO & others	-do-	11.4.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
24	OP 61/16	16.6.16	Shree Renuka Sugar Ltd vs BESCO & others	-do-	11.4.17
25	OP 62/16	21.6.16	Vishwaraj Sugar Industries Ltd Vs BESCO & others	-do-	11.4.17
26	OP 63/16	21.6.16	Nirani Sugars Ltd Vs BESCO & others	-do-	11.4.17
27	OP 65/16	20.6.16	Sri Prabhulingeswara Sugars & Chemicals Ltd Vs BESCO & others	-do-	11.4.17
28	OP 66/16	5.7.16	Shivshakthi Sugars Ltd vs BESCO & Others	-do-	11.4.17
29	OP 67/16	28.7.16	Bannari Amman Sugars Ltd (Kunthur) vs BESCO & others	-do-	11.4.17
30	OP 68/16	28.7.16	Bannari Amman Sugars Ltd (Alaganchi) vs BESCO & others	-do-	11.4.17
31	OP 85/16	18.11.16	BESCO & others vs nil	Determination of tariff for co gen plants	11.4.17
32	RP 14/16	30.11.16	Aditya Birla Solar Ltd vs BESCO & others	Solar PPA	27.4.17
33	RP 15/16	30.11.16	Aditya Birla Solar Ltd vs BESCO & others	Solar PPA	27.4.17
34	RP 16/16	30.11.16	Aditya Birla Solar Ltd vs BESCO & others	Solar PPA	27.4.17
35	OP 18/16	9.3.16	Biomass Power Producers Association of Karnataka vs GoK& others	Determination of tariff for biomass plants	04.05.17
36	OP 83/16	18.10.16	CESC vs KPTCL	Auxiliary consumption charges	04.05.17
37	OP 87/16	30.11.16	BESCO vs nil	Increase of demand charges	04.05.17
38	OP 88/16	30.11.16	BESCO vs nil	Modification of ToD tariff	04.05.17
39	OP 89/16	30.11.16	BESCO vs nil	Revision of specific consumption of IP sets	04.05.17
40	OP 58/17	31.03.17	GESCO Vs Nil	Modification of ToD Facility	04.05.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
41	OP 99/16	28.12.16	MESCOM vs nil	Modification of ToD tariff	04.05.17
42	OP 101/16	-do-	MESCOM vs nil	Increase of demand charges	04.05.17
43	OP 102/16	-do-	HESCOM vs nil	Increase of demand charges	04.05.17
44	OP 103/16	-do-	HESCOM vs nil	Modification of ToD tariff	04.05.17
45	OP 91/16	5.12.16	Graphite India Ltd vs MESCOM & others	Evacuation arrangement	16.05.17
46	RP 1/17	27.01.17	Tata Power Solar Systems Ltd Vs BESCO	Solar PPA	19.05.17
47	RP 2/17	27.01.17	Tata Power Solar Systems Ltd Vs HESCO	Solar PPA	19.05.17
48	RP 3/17	27.01.17	Tata Power Solar Systems Ltd Vs BESCO	Solar PPA	19.05.17
49	OP 48/17	14.03.17	Avanti Renewable Energy Pvt Ltd Vs BESCO & Another	Solar PPA	19.05.17
50	OP 49/17	14.03.17	Brics Renewable Energy Pvt Ltd Vs BESCO & Another	Solar PPA	19.05.17
51	OP 50/17	14.03.17	Avanti Renewable Energy Pvt Ltd Vs GESCO & Another	Solar PPA	19.05.17
52	OP 51/17	14.03.17	Mayfair Renewable Energy Pvt Ltd Vs HESCO & Another	Solar PPA	19.05.17
53	OP 75/17	09.05.17	Ravindra Energy Ltd Vs BESCO & Another	Solar PPA Extension of Time	06.06.17
54	OP 76/17	09.05.17	Chikkanandi Solar Power Projects LL.P Vs HESCO & Another	Solar PPA Extension of Time	06.06.17
55	OP 77/17	09.05.17	Bannura Solar Power Projects LL.P Vs MESCOM & Another	Solar PPA Extension of Time	06.06.17
56	OP 78/17	09.05.17	Kurugunda Solar Power Projects LL.P Vs HESCO & Another	Solar PPA Extension of Time	06.06.17
57	OP 79/17	09.05.17	Marakka Solar Power Projects LL.P Vs MESCOM & Another	Solar PPA Extension of Time	06.06.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
58	OP 80/17	09.05.17	Yarganvi Solar Power Projects LL.P Vs HESCOM & Another	Solar PPA Extension of Time	06.06.17
59	OP 81/17	09.05.17	Tavalgeri Solar Power Projects LL.P Vs GESCOM & Another	Solar PPA Extension of Time	06.06.17
60	OP 15/16	25.2.16	BERI Project vs GoK& others	Determination of tariff for biomass plants	20.06.17
61	OP 57/16	15.6.16	Sugnaneshwara Hydel Power Pvt Ltd vs GESCOM	Payment for energy from CoD to WBA	20.06.17
62	Complaint 10/17	20.06.17	Sri. K.R. Lakshmikantha Vs MD CESC & Others	Disobedience of KERC Regulations	28.06.17
63	RP 5/17	18.04.17	Kodangal Solar Parks Pvt Ltd	Effective Date of Solar PPA	13.07.17
64	RP 6/17	18.04.17	Anantapur Solar Parks Pvt Ltd Vs CESC	Effective Date of Solar PPA	13.07.17
65	RP 7/17	18.04.17	Tungabhadra Solar Parks Pvt Ltd Vs GESCOM	Effective Date of Solar PPA	13.07.17
66	Complaint 12/17	10.07.17	Laxami Steel Overseas Pvt Ltd Vs SLDC & Another	OA Charges	13.07.17
67	Complaint 13/17	10.07.17	Aradhya Steel Pvt Ltd Vs SLDC & Another	OA Charges	13.07.17
68	Complaint 14/17	10.07.17	Medreich Ltd (Unit VII) Vs SLDC & Another	OA Charges	13.07.17
69	Complaint 15/17	10.07.17	Jodhani Papers Ltd Vs SLDC & Another	OA Charges	13.07.17
70	Complaint 16/17	10.07.17	Tractors & Farm Equipment Ltd Vs SLDC & Another	OA Charges	13.07.17
71	Complaint 17/17	10.07.17	Medreich Ltd (Unit VIII) Vs SLDC & Another	OA Charges	13.07.17
72	Complaint 18/17	10.07.17	Sahuwala Grains Pvt Ltd Vs SLDC & Another	OA Charges	13.07.17
73	Complaint 19/17	10.07.17	Musashi Auto Parts India Pvt Ltd Vs SLDC & Another	OA Charges	13.07.17
74	Complaint 20/17	11.07.17	AaryanHitech Steel India Pvt Ltd Vs SLDC & Another	OA Charges	13.07.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
75	Complaint 21/17	11.07.17	Strides Shasun Ltd Vs SLDC & Another	OA Charges	13.07.17
76	Complaint 22/17	11.07.17	Rama Hi-power Tech Vs SLDC & Another	OA Charges	13.07.17
77	Complaint 23/17	11.07.17	Hitkal Ltd Vs SLDC & Another	OA Charges	13.07.17
78	Complaint 24/17	11.07.17	A- One Steel & Alloys Pvt Ltd Vs SLDC & Another	OA Charges	13.07.17
79	Complaint 9/17	29.06.17	Fit well Tools & Forgeing Pvt Ltd Vs SLDC (Karnataka & Others)	OA Charges	13.07.17
80	Complaint 06/17	27.06.17	Suretex Prophylactics India Ltd Vs SLDC (Karnataka & Others)	OA Charges	13.07.17
81	Complaint 07/17	27.06.17	Akzo Nobel India Ltd Vs SLDC (Karnataka & Others)	OA Charges	13.07.17
82	Complaint 08/17	27.06.17	Mumax Industries Ltd Vs SLDC (Karnataka & Others)	OA Charges	13.07.17
83	Complaint 03/17	27.06.17	Shahi Exports Pvt Ltd Vs SLDC (Karnataka & Others)	OA Charges	13.07.17
84	Complaint 04/17	27.06.17	Singh Ispath Ltd Vs SLDC (Karnataka & Others)	OA Charges	13.07.17
85	Complaint 11/17	06.07.17	Essilor Manufacturing India Pvt Ltd Vs SLDC & Another	OA Charges	13.07.17
86	Complaint 25/17	12.07.17	Orchid Laminates Pvt Ltd Vs SLDC & Another	OA charges	13.07.17
87	Complaint 26/17	12.07.17	SRS Steels Pvt Ltd Vs SLDC & Another	OA charges	13.07.17
88	Complaint 27/17	13.07.17	Sipani Fibers Ltd Vs SLDC & Another	OA charges	13.07.17
89	Complaint 2/16	27.6.16	S Govindappa vs MD, KPCL	Failure of relay & control panels at Sharavathi Generating station	18.07.17
90	OP 4/17	6.1.17	G M Sugar & Energy Ltd vs BESCOM & others	Determination of tariff for co-gen plant	20.07.17
91	OP 117/17	12.07.17	Star Metallics & Power Pvt Ltd Vs Additional Chief Secretary to Govt & Others	Refund of Electricity Tax	25.07.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
92	Complaint 28/17	17.07.17	Organic Industries Pvt Ltd VS SLDC & Another	OA Charges	25.07.17
93	Complaint 29/17	17.07.17	Graphite India Ltd VS SLDC & Another	OA Charges	25.07.17
94	Complaint 30/17	17.07.17	Bhuwarka Castings & Forgings Pvt Ltd VS SLDC & Another	OA Charges	25.07.17
95	Complaint 31/17	17.07.17	Ask Automotive VS SLDC & Another	OA Charges	25.07.17
96	Complaint 32/17	19.07.17	Sansera Engineering Pvt Ltd VS SLDC & Another	OA Charges	25.07.17
97	Complaint 33/17	19.07.17	BPREX Pharma Packaging India Pvt Ltd VS SLDC & Another	OA Charges	25.07.17
98	Complaint 34/17	19.07.17	Federal Mogul Goetze (India) Ltd –I VS SLDC & Another	OA Charges	25.07.17
99	Complaint 35/17	19.07.17	Federal Mogul Goetze (India) Ltd-II VS SLDC & Another	OA Charges	25.07.17
100	Complaint 36/17	19.07.17	ACE Designers Ltd (Foundry Division) VS SLDC & Another	OA Charges	25.07.17
101	Complaint 37/17	21.07.17	Recipharm Pharma Services Pvt Ltd VS SLDC & Another	OA Charges	25.07.17
102	Complaint 38/17	21.07.17	Kemwell Bio Pharma Pvt Ltd VS SLDC & Another	OA Charges	25.07.17
103	Complaint 39/17	21.07.17	Indo - MIM Pvt Ltd VS SLDC & Another	OA Charges	25.07.17
104	Complaint 40/17	21.07.17	Recipharma Pharma Services Pvt Ltd VS SLDC & Another	OA Charges	25.07.17
105	Complaint 41/17	21.07.17	Avon Plastic Industries Pvt Ltd VS SLDC & Another	OA Charges	25.07.17
106	OP 10/16	8.2.16	Hare Krishna Metallica Pvt Ltd vs PCKL & others	Illegal deductions	01.08.17
107	OP 18/15	27.5.15	Tata Power Trading Company vs PCKL & others	Illegal recovery of amount	01.08.17
108	OP 72/16	10.8.16	Gayathamma vs GoK& others	Extension of period for solar PPA	01.08.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
109	Complaint 42/17	27.07.17	Ashirwad Pipes Pvt Ltd (4) Vs SLDC & Another	OA Charges	03.08.17
110	Complaint 43/17	27.07.17	Ashirwad Pipes Pvt Ltd (2) Vs SLDC & Another	OA Charges	03.08.17
111	Complaint 44/17	27.07.17	Ashirwad Pipes Pvt Ltd (3) Vs SLDC & Another	OA Charges	03.08.17
112	Complaint 45/17	27.07.17	Ashirwad Pipes Pvt Ltd (5) Vs SLDC & Another	OA Charges	03.08.17
113	Complaint 46/17	27.07.17	Ashirwad Pipes Pvt Ltd (1) Vs SLDC & Another	OA Charges	03.08.17
114	Complaint 47/17	01.08.17	Kesari Roller Flour Mills Pvt Ltd Vs SLDC & Another	OA Charges	03.08.17
115	Complaint 6/16	8.9.16	Koppal Green Power Ltd vs GESCOM	Non compliance of order dated 16.6.16 in OP 20/15	08.08.17
116	OP 84/17	19.05.17	M/s Laxjeet Renewable Energy Vs MD, CESC	Effective Date	08.08.17
117	RP 8/16	3.10.16	HarekrishnaMetallics Ltd vs GoK& others	Review of order dated 18.8.16 in OP 33/15 (section 11)	10.08.17
118	RP 9/16	3.10.16	Janki Corp Ltd vs GoK& others	Review of order dated 18.8.16 in OP 33/15 (section 11)	10.08.17
119	RP 10/16	3.10.16	Agarwal Sponge & Energy Pvt Ltd vs GoK& others	Review of order dated 18.8.16 in OP 33/15 (section 11)	10.08.17
120	RP 11/16	3.10.16	ILC Iron & Steel Pvt Ltd vs GoK& others	Review of order dated 18.8.16 in OP 33/15 (section 11)	10.08.17
121	RP 12/16	3.10.16	Dhruvdesh Meta Steel Pvt Ltd vs GoK& others	Review of order dated 18.8.16 in OP 33/15 (section 11)	10.08.17
122	RP 13/16	27.10.16	Basai Steels & Power Pvt Ltd vs GoK& others	Review of order dated 18.8.16 in OP 33/15 (section 11)	10.08.17
123	OP 29/16	30.3.16	Airsync Energy Pvt Ltd vs KPCL & others	Determination of tariff for solar wind hybrid plant	24.08.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
124	RP 18/16	12.12.16	Ramachandra H M vs BESCO	Review of order dated 20.10.16- solar PPA	24.08.17
125	RP 19/16	12.12.16	Jaimala vs BESCO	Review of order dated 20.10.16- solar PPA	24.08.17
126	OP 86/17	22.05.17	Mighty Avengers Solar pvt Ltd Vs HESCO & Another	Effective Date	31.08.17
127	OP 102/17	19.06.17	Asian Fab Tech Ltd Vs BESCO & Others	Effective Date	31.08.17
128	OP 103/17	19.06.17	Asian Fab Tech Ltd Vs BESCO & Others	Effective Date	31.08.17
129	OP 31/16	7.4.16	Vijayalakshmi Hydro Power Pvt Ltd vs CESC	Payment of interest	12.9.17
130	OP 94/17	05.06.17	KrishiSunpowerPvt Ltd Vs HESCO	Effective Date of Solar PPA	12.09.17
131	OP 94/16	19.12.16	L Nagaratna vs BESCO & others	Solar PPA	21.09.17
132	OP 75/16	27.7.16	BMM Ispat Ltd vs HESCO	Payment of interest	26.09.17
133	OP 76/16	27.7.16	BMM Ispat Ltd vs HESCO	Payment of interest	26.09.17
134	OP 77/16	27.7.16	BMM Ispat Ltd vs HESCO	Payment of interest	26.09.17
135	OP 21/16	15.3.16	CEC vs Borukha Power Corporation Ltd & others	Amendment to clause 5.5 of the PPA on start up power	10.10.17
136	OP 29/17	8.2.17	M R Shivaswamy vs GoK & others	Solar PPA	10.10.17
137	RP 5/16	28.6.16	GESCO vs Shah Distributors	Review of order dated 31.3.16 in OP 2/15	10.10.17
138	RP 6/16	28.6.16	GESCO vs Shree Krishna Minerals	Review of order dated 31.3.16 in OP 3/15	10.10.17
139	RP 7/16	28.6.16	GESCO vs Shree Krishna Minerals	Review of order dated 31.3.16 in OP 4/15	10.10.17
140	Compliant 75/17	26.09.17	Anjaneya Agro Tech Pvt Ltd Vs SLDC & Another	OA Charges	10.10.17
141	OP 2/17	06.01.17	Clean Solar Power Pvt Ltd vs HESCO & another	Solar PPA	16.10.17
142	Complaint 05/17	28.06.17	Bidadi Industries Association Vs BESCO	OA Charges	24.10.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
143	RP 8/17	08.06.17	Mangalore SEZ ltd Vs ONGC Mangalore Petrochemicals & others	Review of Revised tariff Order dated 08.05.2017 Mangalore SEZ	26.10.17
144	Complaint 48/17	04.08.17	West Palm Developments Pvt Ltd Vs SLDC & another	OA Charges	26.10.17
145	Complaint 49/17	04.08.17	Valdel Extent Outsourcing Pvt Ltd (1) Vs SLDC & another	OA Charges	26.10.17
146	Complaint 50/17	04.08.17	Valdel Extent Outsourcing Pvt Ltd (2) Vs SLDC & another	OA Charges	26.10.17
147	Complaint 51/17	04.08.17	VRKP Steel Industries Pvt Ltd Vs SLDC & another	OA Charges	26.10.17
148	Complaint 52/17	04.08.17	Kern- Liebers (India) Pvt Ltd Vs SLDC & another	OA Charges	26.10.17
149	Complaint 53/17	04.08.17	Exora Business Parks Pvt Ltd (1) Vs SLDC & another	OA Charges	26.10.17
150	Complaint 54/17	04.08.17	Exora Business Parks Pvt Ltd (2) Vs SLDC & another	OA Charges	26.10.17
151	Complaint 55/17	04.08.17	Exora Business Parks Pvt Ltd (3) Vs SLDC & another	OA Charges	26.10.17
152	Complaint 56/17	04.08.17	Prestige Estate Projects Pvt Ltd Vs SLDC & another	OA Charges	26.10.17
153	Complaint 57/17	04.08.17	Honda Motor Cycle & Scooter India Pvt Ltd Vs SLDC & another	OA Charges	26.10.17
154	Complaint 58/17	08.08.17	ExedyCluth India Pvt Ltd Vs SLDC & another	OA Charges	26.10.17
155	Complaint 59/17	08.08.17	Heidelbergcement India Ltd Vs SLDC & another	OA Charges	26.10.17
156	Complaint 60/17	08.08.17	Adcock Ingram Vs SLDC & another	OA Charges	26.10.17
157	Complaint 61/17	10.08.17	Vivek Agro Foods Vs SLDC & another	OA Charges	26.10.17
158	Complaint 62/17	10.08.17	SreeVenugopal Flour Mills Vs SLDC & another	OA Charges	26.10.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
159	Complaint 63/17	10.08.17	Sri Anjaneya Cotton Mills Ltd Vs SLDC & another	OA Charges	26.10.17
160	Complaint 64/17	11.08.17	H&R Johnson (India) A Division of Prism Cement Ltd Vs SLDC & another	OA Charges	26.10.17
161	Complaint 66/17	18.08.17	Krishna Flour Mills (Blore) Pvt Ltd Vs SLDC & Another	OA Charges	26.10.17
162	Complaint 67/17	18.08.17	BadveEngineering Ltd Vs SLDC & Another	OA Charges	26.10.17
163	Complaint 68/17	22.08.17	Entire Ceramics Ltd Vs SLDC & Another	OA Charges	26.10.17
164	Complaint 69/17	23.08.17	Medreich Ltd Vs SLDC & Another	OA Charges	26.10.17
165	Complaint 70/17	24.08.17	Lumax Auto Technologies Ltd Vs SLDC & Another	OA Charges	26.10.17
166	Complaint No. 71/17	08.09.17	Netmagic IT Services Pvt Ltd Vs SLDC & Another	OA Charges	26.10.17
167	Complaint 76/17	09.10.17	Vijaya Steels Ltd Vs SLDC & Another	OA Charges	26.10.17
168	Complaint 77/17	09.10.17	Indo Auto- Tech Ltd (Unit-5) Vs SLDC & Another	OA Charges	26.10.17
169	Complaint 78/17	17.10.17	Universal Air Products Pvt Ltd Vs BESCO	OA Charges	26.10.17
170	OP 41/17	07.03.17	MESCO Vs Nil	Modification of COS Increase in charges for giving supply to IP sets.	31.10.17
171	OP 70/16	4.8.16	Jnanaganga House Building Co-operative Society & others vs GoK& others	Withdrawal of amendments to CoSrelating to works of licensees	02.11.17
172	OP 26/15	10.9.15	Sunvik Steels Pvt Ltd vs KPTCL & others	Determination of tariff for waste to heat co- gen plant	09.11.17
173	OP 82/17	15.05.17	Venkat Energy & Power Pvt Ltd Vs BESCO & Another	Solar PPA Extension of Time	14.11.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
174	OP 149/ 17	01.08.17	TadiSesha Reddy Vs GoK& Another	SRTPV PPA	16.11.17
175	OP 129/17	28.07.17	ACC Limited Vs BESCO & Another	OA Charges	16.11.17
176	OP 22/16	17.3.16	Unnathi Projects Ltd vs BESCO	Determination of tariff 11 th year onwards	05.12.17
177	OP 23/16	17.3.16	-do-	-do-	05.12.17
178	OP 24/16	21.3.16	-do-	-do-	05.12.17
179	OP 45/17	10.03.17	Mahur Food & Beverages Vs GESCOM	SRTPV PPA	05.12.17
180	OP 32/17	02.03.17	JSW Power Trading Company Ltd Vs HESCO & Another	Payment	05.12.17
181	OP 33/17	02.03.17	JSW Power Trading Company Ltd Vs MESCOM & Another	Payment	05.12.17
182	OP 34/17	02.03.17	JSW Power Trading Company Ltd Vs CESC & Another	Payment	05.12.17
183	OP 35/17	02.03.17	JSW Power Trading Company Ltd Vs GESCOM & Another	Payment	05.12.17
184	OP 36/17	27.02.17	JSW Energy Ltd Vs GESCOM & Another	Payment	05.12.17
185	OP 37/17	27.02.17	JSW Energy Ltd Vs PCKL & other	Payment	05.12.17
186	OP 38/17	27.02.17	JSW Energy Ltd Vs HESCO & Another	Payment	05.12.17
187	OP 39/17	27.02.17	JSW Energy Ltd Vs MESCOM & Another	Payment	05.12.17
188	OP 40/17	27.02.17	JSW Energy Ltd Vs BESCO & Another	Payment	05.12.17
189	OP 43/17	02.03.17	JSW Energy Ltd Vs CESC Ltd & Another	Payment	05.12.17
190	OP 44/17	03.03.17	NSL Sugars Lts& another Vs PCKL & others	Payment	05.12.17
191	OP 190/17	11.10.17	Jansi Lakshmi Vs GESCOM & others	Extension of Time	05.12.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
192	OP 191/17	11.10.17	TrinadaKumari VS GESCO & Others	Extension of Time	05.12.17
193	OP 179/17	06.10.17	J.V. Sanath Kumar Vs GESCOM & Others	SRPTV	05.12.17
194	OP 180/17	04.10.17	V.Rambabu Vs GESCO & Others	SRPTV	05.12.17
195	OP 93/16	16.12.16	GESCO vs BhagyanagarSolventExtractio nd Ltd.	Recovery of excess payments	12.12.17
196	OP 28/17	2.2.17	Bhagyodaya Motors Pvt Ltd vs GESCOM	Solar PPA	12.12.17
197	OP 5/17	9.1.17	MSPL Ltd vs BESCO & others	Determination of tariff from 11 th year	19.12.17
198	OP 6/17	-do-	-do-	-do-	19.12.17
199	OP 7/17	-do-	-do-	-do-	19.12.17
200	OP 8/17	-do-	-do-	-do-	19.12.17
201	OP 9/17	-do-	-do-	-do-	19.12.17
202	OP 10/17	-do-	-do-	-do-	19.12.17
203	OP 11/17	-do-	-do-	-do-	19.12.17
204	OP 12/17	-do-	-do-	-do-	19.12.17
205	OP 13/17	-do-	-do-	-do-	19.12.17
206	OP 14/17	-do-	-do-	-do-	19.12.17
207	OP 15/17	-do-	-do-	-do-	19.12.17
208	OP 16/17	-do-	-do-	-do-	19.12.17
209	OP 17/17	-do-	-do-	-do-	19.12.17
210	OP 18/17	-do-	-do-	-do-	19.12.17
211	OP 19/17	-do-	-do-	-do-	19.12.17
212	OP 20/17	-do-	Ramgad Minerals & Mining Pvt Ltd vs BESCO & others	-do-	19.12.17
213	OP 21/17	-do-	-do-	-do-	19.12.17
214	OP 22/17	-do-	-do-	-do-	19.12.17
215	OP 23/17	-do-	-do-	-do-	19.12.17
216	OP 24/17	-do-	-do-	-do-	19.12.17



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
217	OP 25/17	-do-	-do-	-do-	19.12.17
218	OP 26/17	-do-	P Vengana Shetty & Brothers vs BESCO & others	-do-	19.12.17
219	OP 106/17	22.06.17	Vistaara Power Kurtakoti Pvt Ltd Vs HESCO	Extension of Time	19.12.17
220	OP 46/17	10.03.17	Tungabhadra Power Company Pvt Ltd Vs GESCO	Payment Due	21.12.17
221	OP 108/17	29.06.17	Mr. M.R.C. Chouhan Vs BESCO	Extension of Time	21.12.17
222	OP 109/17	29.06.17	Smt Jyothi Chouhan Vs BESCO	Extension of Time	21.12.17
223	OP 177/17	28.09.17	K. Ramesh Vs GESCO & Others	Extension of Time	21.12.17
224	OP 90/16	30.11.16	BESCO vs nil	Restriction of banking facility	09.01.18
225	OP 100/16	-do-	HESCO vs nil	Modification of banking facility	09.01.18
226	OP 104/16	-do-	MESCO vs nil	Modification of banking facility	09.01.18
227	OP 47/17	14.03.17	GESCO Vs Nil	Modification of Banking Facility	09.01.18
228	OP 130/17	01.08.17	CESC Vs Nil	Banking Charges for Wind Generators	09.01.18
229	Complaint 9/13	5.9.13	Orient Bell Ltd vs BESCO & others	Non compliance of the order of Ombudsman	11.01.18
230	OP 85/17	19.05.17	Mepgen Solar Pvt Ltd Vs BESCO	Extension of Time	16.01.18
231	OP 144/17	28.08.17	Alles Solar Pvt Ltd Vs BESCO & Others	Extension of Time	18.01.18
232	OP 87/17	23.05.17	Panchakshari Power Projects LLP Vs BESCO & others	Extension of time	30.01.18
233	OP 97/16	26.12.16	Manchukonda Agrotech Pvt Ltd vs GESCO	Determination of tariff for biomass power plant using rice husk	30.01.18
234	OP 89/17	25.05.17	CESC Vs Nil	Meter Rental Charges for LT-7 Category	30.01.18



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
235	OP 218/17	15.11.17	Strides Shasun Ltd Vs SLDC & Another	OA Charges	30.01.18
236	OP 227/17	06.12.17	Organic Industries Pvt Ltd Vs SLDC & Others	OA Charges	30.01.18
237	OP 59/17	05.04.17	MESCOM Vs Nil	Amendment to Regulation 7 of KERC (Security Deposit) Regulations, 2007	30.01.18
238	OP 74/17	09.05.17	CESC Vs Nil	Amendment to Regulation 7 of KERC (Security Deposit) Regulation,2007	30.01.18
239	OP 61/17	17.04.17	BESCOM Vs Nil	Amendment to Regulation 7 of KERC (Security Deposit) Regulations	30.01.18
240	OP 100/17	02.06.17	BESCOM Vs Nil	Amendment to COS & recover of Expenditure	30.01.18
241	OP 98/17	02.06.17	BESCOM Vs Nil	Amendment to COS	30.01.18
242	OP 107/17	22.06.17	Mr. Basavarajaiah Vs BESCOM & Another	Extension of Time	01.02.18
243	OP 172/17	03.10.17	Aditya Birla Solar Ltd Vs BESCOM & Another	Extension of Time	01.02.18
244	OP 116/17	11.07.17	Mr. BalajiNaik. A Vs GESCOM	SRTPV	08.02.18
245	OP 135/17	17.08.17	Vcare Solar LLP Vs BESCOM	Extension of Time	08.02.18
246	OP 60/17	13.04.17	Sri. Venhatashami Reddy Vs BESCOM	Cancellation of SRTPV PPA	15.02.18
247	Complaint 1/17	12.1.17	R.B.SethShreeramNarsingdas Pvt Ltd vs HESCOM & another	Non compliance of order	15.02.18
248	OP 181/17	09.10.17	RBRK Investment Ltd Vs HESCOM	Approval of PPA	15.02.18
249	OP 182/17	09.10.17	RBRK Investment Ltd Vs HESCOM	Approval of PPA	15.02.18



Details of Petitions Disposed of by the Commission in FY 2017-18.					
Sl. No.	Case No.	Date of filing	Parties	Subject	Date of Disposal
250	OP 99/17	02.06.17	BESCOM Vs Nil	Amendment to COS	15.02.18
251	OP 30/17	10.2.17	BSK Trading Inc Vs HESCOM & others	Termination of PPA	13.03.18
252	OP 31/17	10.2.17	Shankambari Enterprises Vs HESCOM & others	Termination of PPA	13.03.18
253	OP 95/17	07.06.17	Shilpa Medicare Ltd VS HESCOM	Wheeling & Banking	20.03.18
254	OP 216/17	14.11.17	Shree Cement Ltd Vs GESCOM & Others	Wheeling and Banking	20.03.18





**The Electricity Ombudsman
&
Consumer Grievance Redressal Forum**





14. CONSUMER GRIEVANCES REDRESSAL:

(1) Activities of the Ombudsman:

As per the provisions under Section 42(6) of the Electricity Act 2003, an Ombudsman has been appointed by the Commission. The Ombudsman provides suitable redressal to the grievances of the consumers which are not redressed at the level of the District Consumer Grievance Redressal Forums (CGRF).

During the financial year 2017-18, 26 petitions were registered and 25 petitions brought forward from the previous year, totaling to 51 cases. Of these, the Electricity Ombudsman had conducted hearing and disposed of 37 petitions during the year, with a balance of 14 cases.

The grievances taken up with the Ombudsman mainly relate to wrong reading of meter, delay in refund of deposits, etc.,

(2) Review of the working of Consumer Grievance Redressal Forums (CGRF)

Consumer Grievance Redressal Forums consisting of three members including the chairperson have been established by the Distribution Licensees in every Revenue District of their jurisdiction, which are chaired by an officer of the licensee not below the rank of Superintending Engineer.

14. CONSUMER GRIEVANCES REDRESSAL:

(1) PERFORMANCE OF OMBUDSMAN:

The Commission has appointed an Ombudsman under Section 42(6) of the Electricity Act 2003, to hear and dispose of the grievances of the consumers who prefer to challenge the orders of the Consumer Grievance Redressal Forum (CGRF) constituted at the ESCOMs level.

During the financial year 2017-18, 10 cases were registered and 11 cases were brought forward from the previous fiscal year, totalling to 21 cases. Of these, the Electricity Ombudsman has conducted hearing and disposed of 6 cases during the year, leaving a balance of 15 cases.

The subjects dealt with by Ombudsman mainly relate to back billing, slow recording of meters and extending Time of Day facility.

(2) REVIEW OF THE WORKING OF CONSUMER GRIEVANCE REDRESSAL FORUMS (CGRF)

Consumer Grievance Redressal Forum have been established by the Distribution Licensees in every Revenue District of their jurisdiction. The CGRF is chaired by an officer of the Licensee not below the rank of a Superintending Engineer and one Member being officer of the Licensee not below the rank of Executive Engineer. The KERC has nominated one Member to each CGRF from among the persons who



have experience or knowledge of electricity sector/consumer affairs from various fields.

The creation of CGRFs in each revenue district has helped consumers to get their grievances redressed expeditiously at district level itself, which saves them considerable time and cost.

During the financial year 2017-18, the ESCOM wise status of grievances redressed is as follows:

Name of ESCOM	Opening balance	Filed during the year	Disposed during the year	Balance at the end of the year
BESCOM	71	66	67	70
MESCOM	1	7	8	0
CESC	0	4	3	1
HESCOM	8	39	33	14
GESCOM	10	5	6	9
TOTAL	90	121	117	94



Programme for FY19

.....Year Ahead





15 PROGRAMME FOR THE YEAR AHEAD

The following activities are planned for the FY19:

(1) Review of performance of the KPTCL and the ESCOMs:

The Commission would continue to review the performance of the KPTCL and the ESCOMs on parameters like quality of supply, energy audit, interruptions in power supply; accidents; billing & collection besides reviewing the compliance to the Directives. The Commission would hold quarterly meetings in this regard and direct them to take corrective measures wherever necessary. These review meetings would also enable the Commission to get valuable inputs on various issues dealt by it in the course of its functions.

(2) Prudence check of capital expenditure incurred by the KPTCL and the Distribution Licensees for the FY17 and FY18:

The Commission would initiate Prudence check of capital expenditure incurred by the KPTCL and the Distribution Licensees while reviewing the annual performance for the FY18. The Commission will conduct the prudence check of the capex as per the guidelines issued by it earlier. The prudence check of the capital expenditure and procurement of materials during FY17 and FY18 would be analyzed for considering allowance of interest on loan(s) and depreciation for the FY17 and FY18.

(3) The Annual Performance Review(APR) for the FY18 and the determination of ARR for the next control period for the transmission and distribution licensees in the State and Revision of the Retail Supply Tariff of the Distribution Licensees for the FY20:

The Commission will conduct Annual Performance Review(APR) for the FY18 and would determine the ARR of the KPTCL/ESCOMs and SEZs for the next control period FY20 to FY22. Subsequently, based on the approved ARR, the transmission tariff for the KPTCL and the retail supply tariff for distribution licensees FY20 would be revised.

(4) Fuel Cost Adjustment Charges: In accordance with the KERC (Fuel Cost Adjustment Charges) Regulations 2013, the Commission would determine the fuel cost adjustment charges for each quarter of the financial year 2018-19.

(5) Fresh determination of tariff for Wind, Solar and Waste to Energy power projects and approval of RE PPAs.

The Commission will initiate proceedings for fresh determination of the tariff for Wind, Solar and Waste to Energy power projects based if required on the new inputs on the capital cost and other cost parameters and also approve PPAs thereon.



(6) Amendments to the Conditions of Supply of Electricity of the Distribution Licensees in the State of Karnataka (CoS)

The Commission will initiate proceedings to amend appropriately the various Clauses of CoS, as may be necessary during the course of extension of power supply to the consumers considering the requests made by consumers and the licensees.

(7) Amendments to the KERC (Recovery of Expenditure for supply of Electricity) Regulations

The Commission will initiate proceedings to amend appropriately various Clauses of these Regulations considering the requests received from consumers and the licensees.

(8) Determination of the Tariff and Approval of PPAs relating to new Thermal Stations in the State.

The Commission will finalize determination of tariff and approval of PPAs in respect of new thermal stations in the State after due process.

(9) Notification of the APPC for the FY20 and truing up of the APPC for the FY19:

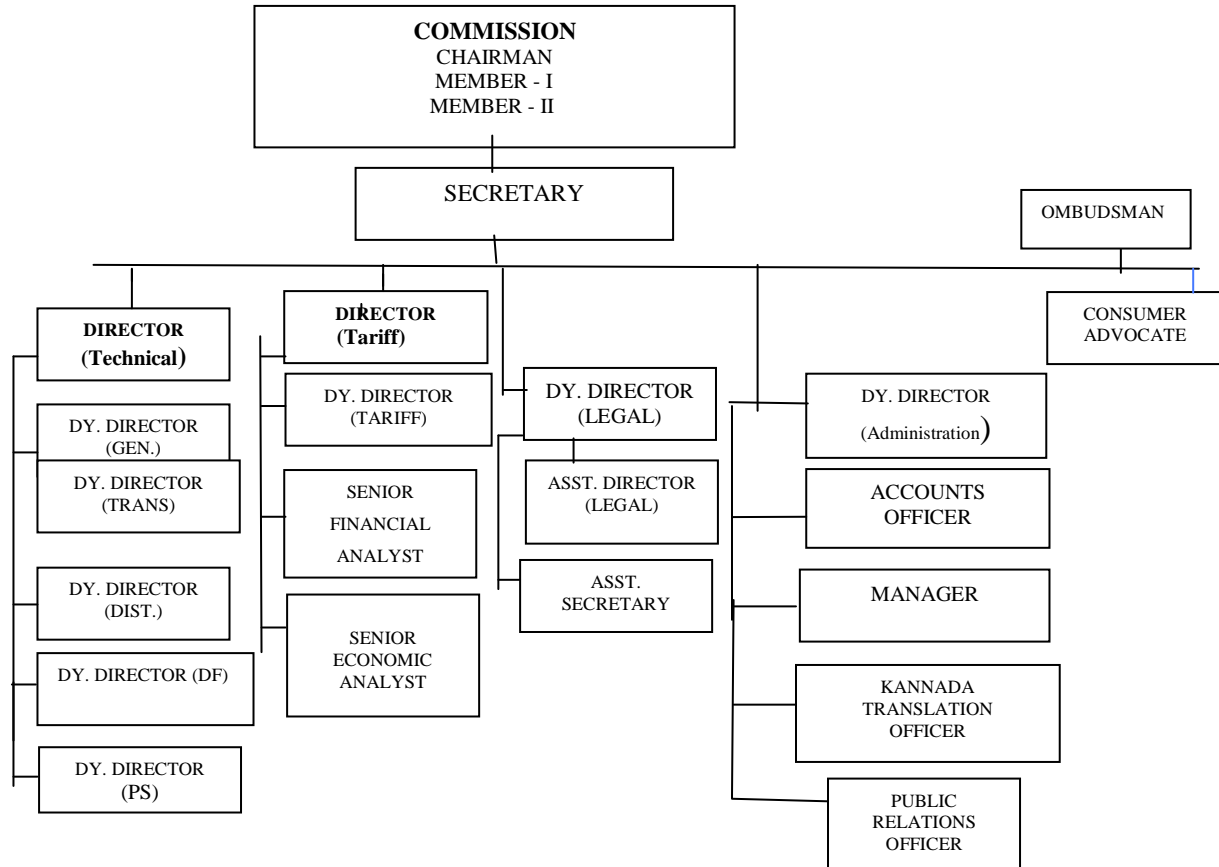
The Commission based on the audited accounts of FY18, will take up the process of truing up of the APPC for the FY19 and also determination of the APPC for the FY20.

(10) The Commission will initiate proceedings for amendment to RE procurement Regulations specify Trajectory for RPO beyond 2018-19.



ANNEXURE - I

ORGANISATION CHART OF KERC



ANNEXURE – II

LIST OF MEMBERS OF STATE ADVISORY COMMITTEE OF KERC

Ex-officio Members

1. Chairman, Karnataka Electricity Regulatory Commission,
2. Member, Karnataka Electricity Regulatory Commission,
3. Member, Karnataka Electricity Regulatory Commission,
4. The Secretary to Government of Karnataka, Dept. of Food & Civil Supplies & Consumer Affairs, M.S. Building, Bengaluru – 560 001 Ph:22259024

Other Members

1.	The Managing Director Karnataka Power Transmission Corporation. Ltd., Cauvery Bhavan, Kempe Gowda Road, Bengaluru -560009 Ph : 080-22214342/22244556	2.	The Managing Director Karnataka Power Corporation Ltd. Shakti Bhavan, Race Course Road, Bengaluru – 560 001 Ph: 080 –22255606 /22204153
3.	The Managing Director Bangalore Metro Rail Corporation Ltd, III floor, BMTCL Complex, K H Road, Shanthinagar, Bengaluru- 560 027	4.	Sri C.A.Subbaiah Basavanagudi estate, BadagaBanangala village, Maldare (P.O), Kodagu- 571 253
5.	President, KASSIA, No.2/106, 17 th Cross Magadi Chord Road, Vijayanagar, Bengaluru – 560 040. Ph: 28362178(O), 23493353 (R), 9845031122	6.	Director General, Central Power Research Institute, (CPRI), Prof. Sir. C. V. Raman Road, Sadashivanagar, Bengaluru–560 080 (M) 9448362457
7.	Sri Deepak G.Gala C/o Hyderabad Karnataka Environment Awareness and Protection Organisation, No.8-142, Asif Ganj, Kalaburagi- 585 101.Ph: 9036191000	8.	The Managing Director BESCOM K.R.Circle, Bengaluru – 560 001 Ph: 22354929
9.	The Managing Director GESCOM Station Road, Kalaburagi -585 101 08472-256581; 9449597444	10.	Sri M G Prabhakar, Chairman for Energy Committee, FKCCI, Federation House, K G Road, Bengaluru- 560 009 Ph: 22262355



11.	The President, Karnataka Chamber of Commerce & Industry, G. Mahadevappa Karnataka Chamber Building, J.C. Nagar, Hubballi- 580 020. Ph: 0836-2218234/5	12.	Vice President, BCIC, and Chairman, Energy, Environment and Water Expert Committee, Bangalore Chamber of Industry and Commerce, No. 3 / 4, 3 rd floor, C Block, Unity Buildings, J C Road, Bengaluru – 560 002. Ph: 080-22223321
13.	Sri V Ramakrishna No. 490, 10 th cross, Sadashivanagar, Bengaluru- 560 080 Ph: 9008344948		

Invitees

The Additional Chief Secretary to Government, Department of Energy, VikasaSoudha, Bengaluru – 560 001 Ph: 22252373	The Managing Director MESCOM, MESCOM Bhavana, Kavoor cross road, Bejai, Mangaluru –575 004
The Chief Engineer, Karnataka State Load Despatch Centre, KPTCL, Race Course Road, Bengaluru-560 009. Ph. 9448471411; 22267034	The Managing Director CESC, No.29, Vijayanagara 2 nd stage Hinkal, Mysuru-570017 Ph: 0821-2417104/110
Director Technical, Karnataka Power Transmission Corporation Ltd. Cauvery Bhavan, Kempe Gowda Road, Bengaluru -560 009 Ph: 22229496	The Managing Director HESCOM P B Road, Navanagar, Hubballi – 580 025 Ph: 0836-2322771; 9448277614
Managing Director, Karnataka Renewable Energy Development Ltd. (KREDL), # 39, "ShanthiGruha", Palace Road, Bengaluru - 560 001 Ph:080- 22207851/ 22208109.	