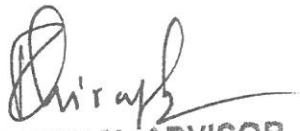


KARNATAKA POWER TRANSMISSION CORPORATION LIMITED



ANNUAL PERFORMANCE REVIEW 2020-21

NOVEMBER-2021


FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavan
Bengaluru - 560009

**BEFORE THE KARNATAKA ELECTRICITY REGULATORY COMMISSION
AT Bengaluru**

IN THE MATTER OF:

Application under Section 62 and 64 of Electricity Act 2003 read with relevant KERC (Tariff) Regulations-2000 and amendments, KERC (Terms and conditions for determination of transmission Tariff) Regulations-2006 and amendments, for the purpose of Annual Performance Review of Transmission Licensee-KPTCL, based on Provisional Accounts of KPTCL for FY-21.

AND

IN THE MATTER OF

Karnataka Power Transmission Corporation Limited (KPTCL)
Kaveri Bhavan,
Bengaluru-560 009

.....Applicant

AFFIDAVIT

1. I, Smt. Ruth George Mirajkar, D/o Sri. George C. Mirajkar, aged 58 years, working as Financial Advisor (Regulatory Affairs), KPTCL, Kaveri Bhavan, Bengaluru - 560009 do hereby solemnly affirm and state as follows:-
2. I am incharge of Regulatory Affairs section, KPTCL, Corporate Office, Kaveri Bhavan, Bengaluru -560009 duly authorized to make this affidavit.
3. The Statement made in schedule " A" annexed to this affidavit which is the Annual Performance Review of KPTCL including Annexures for FY-21 having pages from 1- 72, is now shown to me and marked with letter "A" are true to my knowledge and the statements made in schedule "A" are based on information I believe to be true.
4. Solemnly affirm at Bengaluru on this 26th day of November 2021 that the contents of above affidavit are true to my knowledge. No part of it is false and no material is concealed therefrom.



SWORN TO BEFORE ME

Prakash C
PRAKASHA. C, BA., LL.B.,
ADVOCATE & NOTARY
16/2, 1st Cross, 2nd Main,
KH. Basaveshwara Nagar
BENGALURU - 560 079

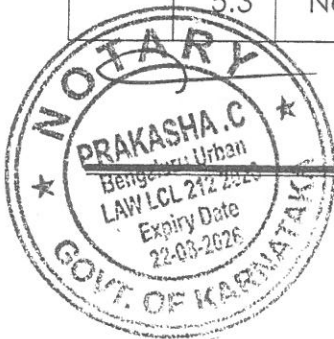
Ruth George
Deponent

FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavan
Bengaluru - 560009

26 NOV 2021

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Shri
FINANCIAL ADVISOR
 Regulatory Affairs

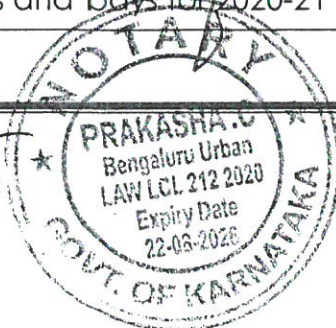
KPTCL Kavya Bhavan
 Karnataka Power Transmission Corporation Ltd
 Bengaluru - 560009

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 Bengaluru - 560009



Karnataka Power Transmission Corporation Ltd

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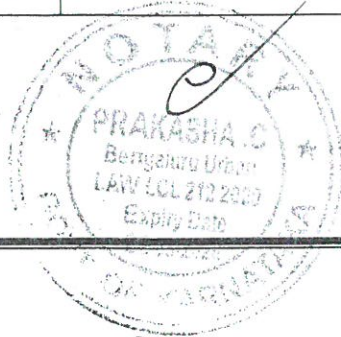


Prakash C
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Karnataka Power Transmission Corporation Ltd

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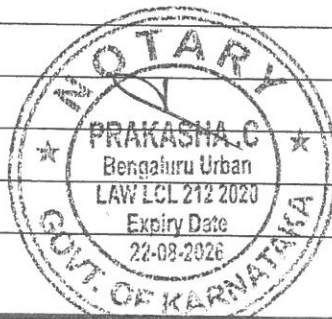


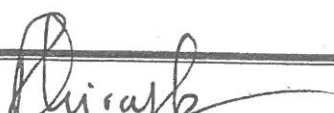
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Karnataka Power Transmission Corporation Ltd

ABBREVIATIONS

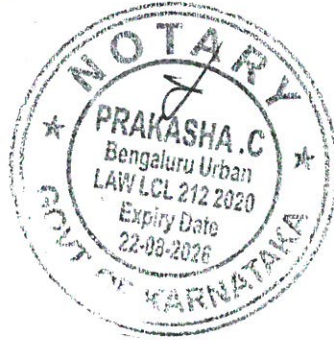
A&G	Administrative & General Expenses
ASCI	Administrative Staff College of India
C&AG	Comptroller & Auditor General
CEA	Central Electricity Authority
CEE	Chief Engineer Electricity
CERC	Central Electricity Regulatory Commission
CGS	Central Generating Station
Commission	Karnataka Electricity Regulatory Commission
CPP	Captive Power Plant
Cr	Crore
CT	Current Transformer
ERC	Expected Revenue from Charges
ESCOM	Electricity Supply Company
FY	Financial Year
GFA	Gross Fixed Assets
GoK	Government of Karnataka
Gol	Government of India
Hrs	Hours
HT	High Tension
HVDC	High Voltage Direct Current
IEGC	Indian Electricity Grid Code
IT	Income Tax
KERC	Karnataka Electricity Regulatory Commission
KPCL	Karnataka Power Corporation Limited
KPTCL	Karnataka Power Transmission Corporation Limited
kV	Kilo Volt
kVA	Kilo Volt Ampere
kW	Kilo Watt
kWh	Kilo watt Hour
MoP	Ministry of Power





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Karnataka Power Transmission Corporation Ltd

MU	Million Units
MUSS	Master Unit Sub Station
MW	Mega Watt
NFA	Net Fixed Assets
OCC	Operational Coordination Committee
O & M	Operation and Maintenance
PGCIL	Power Grid Corporation of India Limited
PF	Provident Fund
PFC	Power Finance Corporation
PPA	Power Purchase Agreement
PRDCL	Power Research & Development Corporation Limited
R&M	Repair & Maintenance
PT	Power Transformer
REC	Rural Electrification Corporation
RoE	Return on Equity
SLDC	State Load Dispatch Centre
SRPC	Southern Region Power Committee
TA & QC	Technical Audit and Quality Control
TCC	Technical Coordination Committee
T&D	Transmission & Distribution
TL & SS	Transmission lines and Sub Stations




FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavan
 Bengaluru - 560009

“ A ”

BEFORE THE HON'BLE KARNATAKA ELECTRICITY REGULATORY COMMISSION
AT BENGALURU

IN THE MATTER OF:

Application under Section 62 and 64 of the Electricity Act 2003 read with relevant KERC (Tariff) Regulations-2000 and amendments, KERC (Terms and conditions for determination of transmission Tariff) Regulations-2006 and amendments, for the purpose of Annual Performance Review of Transmission Licensee-KPTCL, based on Provisional Annual Accounts of KPTCL for FY-21.

Karnataka Power Transmission Corporation Ltd. (KPTCL),
Kaveri Bhavan,
Bangalore – 560 009

..... Applicant

KPTCL most respectfully submits the Statement of Annual Revenue Requirement for FY 2020-21 based on the Provisional Annual Accounts for the purpose of Annual Performance Review, under Multi Year Tariff (MYT) Regulations, for approval by the Hon'ble Commission:

1. KPTCL is a deemed Transmission Licensee under Section 14 of the Electricity Act 2003, carrying out the business of transmission of electrical energy in the State of Karnataka.
2. This is an application, under Section 62 and 64 of the Electricity Act 2003, read with KERC (Terms and conditions for determination of Transmission Tariff) Regulations-2006 and other relevant Regulations and its subsequent amendments.




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Karnataka Power Transmission Corporation Ltd

CHAPTER 1

1.0. ANNUAL PERFORMANCE REVIEW (APR) FOR FY-21

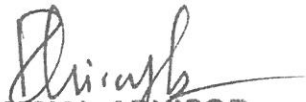
1.1 APR FILING REQUIREMENT

In terms of Section 62 and 64 of the Electricity Act 2003 read with KERC (Terms and conditions for determination of transmission Tariff) Regulations 2006 and its subsequent amendments, the Annual Revenue Requirement for FY-21 is being submitted under Multi Year Tariff Principles for the purpose of Annual Performance Review (APR) by the Hon'ble Commission.

1.2 The formats prescribed in KERC (Tariff) Regulations-2000 (and its subsequent amendments) as applicable for Expected Revenue from Charges and ARR filing are enclosed along with this application duly furnishing the details for the financial year 2020-21. Provisional Annual Accounts of KPTCL for FY-21 is furnished to KERC vide letter No. KPTCL/B117/25710/2021-22/1214 dated 19.11.2021. The details of income from transmission charges and the expenditure as per the Provisional Accounts of KPTCL for FY-21 are detailed in the following paragraphs.

1.3 The Licensee confirms that the Annual Revenue Requirement and the revenue gap are based on the Provisional Accounts for FY-21.



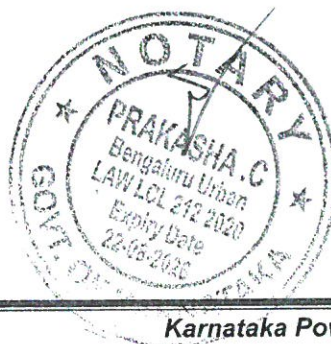

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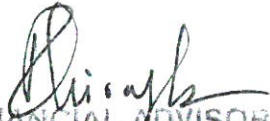
Karnataka Power Transmission Corporation Ltd

1.4 The Financial Advisor, Regulatory Affairs, KPTCL is authorized to sign and file the petition for Annual Performance Review of FY-21 before the Hon'ble Commission on behalf of KPTCL during its Board of Directors meeting held on 18.11.2021 (vide subject No.126/51).

1.5 **KPTCL Profile:**

- i) Karnataka Power Transmission Corporation Limited is a company registered under the Companies Act, 1956 and incorporated on 28th July 1999. KPTCL commenced its operations from 1st August 1999 by continuing the Transmission and Distribution functions of the erstwhile Karnataka Electricity Board. On unbundling, w.e.f 1st June 2002, KPTCL became a Transmission company but continued to be involved in Bulk Power Purchase Activity. After enactment of Electricity Act 2003 and w.e.f 10th June 2005, KPTCL is not involved in the trading activity as the Act bars the transmission licensee from trading of electricity. Since then, KPTCL is only a transmission entity wholly owned by the Government of Karnataka, operating now with an authorized share capital of Rs. 3000 Crore having paid up capital of Rs. 2182.32 Cr.
- ii) Karnataka Power Transmission Corporation Limited is discharging its functions as envisaged in Section 39 and 40 of Electricity Act-2003 and also responsible for grid operation in the entire State of Karnataka.




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Karnataka Power Transmission Corporation Ltd

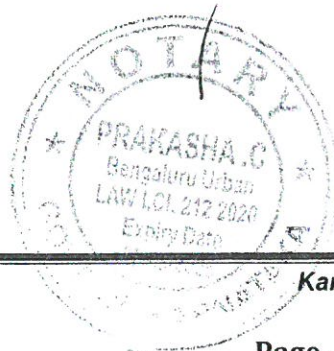
- iii) KPTCL enables the ESCOMs to serve nearly 275 lakhs consumers of different categories spread all over the State covering an area of 1.92 lakh square kilometers. To transmit power in the State, KPTCL operates 1258 Sub-stations with Transmission network of 38841 CKms with voltages of 66 kV and above. To enable easier operation of the system, KPTCL has six Transmission Zones; each headed by a Chief Engineer, sixteen Circles, each headed by a Superintending Engineer, sixty two Divisions, each headed by an Executive Engineer. Maintenance of lines, stations and construction of transmission system are being looked after by the above officers.
- iv) There are 35 Transmission line and Sub-Station maintenance Divisions (TL&SS) in KPTCL which are involved in the operation and maintenance of the transmission system in Karnataka. Besides, there are 27 Major Works Division which takes care of construction activities related to intra-state Transmission system across the State of Karnataka.
- v) There are 16 Relay Testing (RT) Divisions in KPTCL which works under 6 Relay testing Circles. Each Division is responsible for maintenance of protective relays, meters and addressing critical troubleshooting issues in all sub-stations of KPTCL. Also pre-commissioning tests of all new sub-stations are performed by the RT Divisions besides calibrating all KPTCL interface meters on periodical basis.





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Karnataka Power Transmission Corporation Ltd

- vi) Separate Hotline wing headed by the Chief Engineer is established. Separate Hotline Circle is established with 2 Hotline Divisions and 6 Sub-divisions to facilitate live line work (without taking LC) using hot stick method and also bare hand technique using insulated elevated platform for replacing punctured/ broken insulator / deteriorated jumps and establish connectivity of receiving station / sub-station .
- vii) KPTCL's Finance and Accounts are managed by the Accounts and Resources wing headed by Financial Advisor (Accounts & Resources). There are 82 Accounting units. The Finance wing organizes in-time funding for various projects of KPTCL, responsible for accounting of all transactions and timely preparation of Annual Accounts of the KPTCL.
- viii) Financial transactions in the zones are monitored by the Controllers of Accounts in the respective zones.
- ix) All activities are audited by Internal Audit staff headed by Financial Advisor (Internal Audit).
- x) All activities pertaining to Regulations issued by KERC and all correspondence with KERC are being dealt by the Financial Advisor (Regulatory Affairs). Regulatory legal matters before KERC/CERC/ATPEL/HC/SC are also being handled by this wing. Periodical Regulatory Awareness programs for Officers of KPTCL are also being conducted by officers of Regulatory Affairs wing.

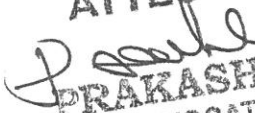



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- xi) The main source of revenue of KPTCL is transmission charge. The annual income of the company was Rs. 4068.25 Crore during 2020-21 as per Provisional Annual Accounts.
- xii) The total installed sub-station capacity of the State as on 31.03.2021 was 71646 MVA (2856 Transformers). The peak load met was 14367 MW on 26.03.2021 during the year 2020-21.



ATTESTED BY ME


PRAKASHA. C, BA., LL.B.,
ADVOCATE & NOTARY
EWS # 16/2, 1st Cross, 2nd Main,
KHB Basaveshwara Nagar
BENGALURU - 560 079

26 NOV 2021

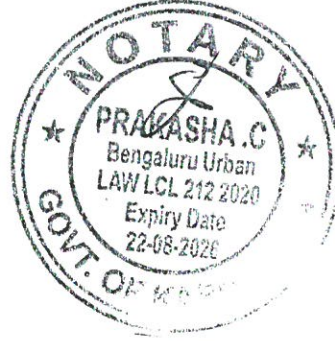

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MISSION STATEMENT

The mission of Karnataka Power Transmission Corporation Limited (KPTCL) is to ensure reliable quality power to its customers at competitive prices. The KPTCL is committed to achieve this mission through:

- Encouraging Best practices in transmission.
- Ensuring high order maintenance of all its technical facilities.
- Emphasizing the best standards in customer service.

To be the best Transmission Utility in the Country, the KPTCL pledges to optimize its human and technical resources for the benefit of all its customers.




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CHAPTER – 2

2.0. COMMISSION's DIRECTIVES:

KPTCL has been making sincere efforts to comply with the Directives issued by the Commission. There has been substantial improvement in processes like Grid Operations, Capital works and Financial Management. KPTCL submits the compliance of the Directives duly explaining the latest progress in the implementation of the same in the following paragraphs.

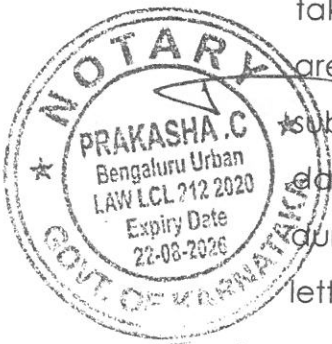
The Commission, in the Tariff Order dated 04th November 2020 issued the following directives for compliance by KPTCL:

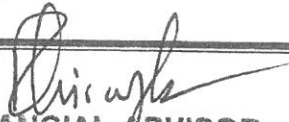
2.1 Directive: Reactive Power Compensation and restoration of failed Capacitors:

The Commission directed KPTCL to restore the failed capacitors timely and submit the status report of capacitor banks to the Commission, regularly and also furnish details of Reactive Energy Charges paid to CTU.

Compliance:

The monthly status report of capacitor banks are being periodically submitted to KERC. The Chief Engineers of the transmission zones are taking timely action to restore the failed capacitors as and when they are failed. The Status of Capacitor Banks as on September 2021 was submitted to KERC vide letter No. KPTCL/B36/ 2021-22/22453/1182-86 dated: 15.11.2021. Further, the details of Reactive Energy Charges during the FY-21 (month wise) have been furnished to KERC vide letter No. KPTCL/B36/2021-22/11047/1194 dated 15.11.2021.




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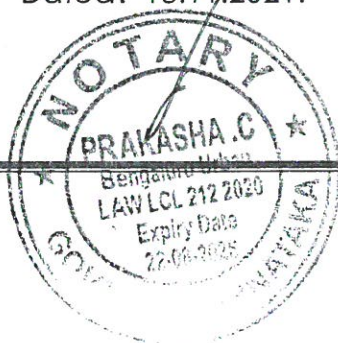
Karnataka Power Transmission Corporation Ltd

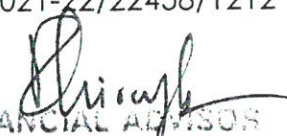
2.2 Directive: Transmission System Availability – Monthly Report: The Commission directed KPTCL.

- a) To take necessary action to maintain elements of transmission system in a healthy condition by carrying out maintenance work as per schedule and conduct Condition Monitoring of substation equipment and Residual Life Assessment (RLA) tests for old equipment to ensure proper reliability in supply. Further, KPTCL should expedite the ongoing project execution work to reduce system constraints, for evacuation of RE generation and to avoid time and cost overrun.
- b) To submit the monthly report of transmission system availability duly certified by SLDC regularly to the Commission.

Compliance:

- a) In order to maintain the elements of the transmission system in healthy condition the respective TL&SS divisions of KPTCL are taking periodical maintenance activities of all the sub-stations and lines coming under their jurisdiction.
- b) The Transmission System Availability for the financial year ending on 31.03.2021 certified by SLDC has been submitted to KERC vide letter No. KPTCL/B36/2020-21/11054/1211 Dated: 18.11.2021. Further, the details of transmission system availability upto the month of September 2021 has been submitted to KERC on monthly basis. The details for the month of September 2021 is submitted to KERC vide letter No. KPTCL/B36/2021-22/22458/1212 Dated: 18.11/2021.




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KPTCL, Bengaluru
KPTCL, Bengaluru

Karnataka Power Transmission Corporation Ltd

2.3 Directive: Implementation of Intra State ABT:

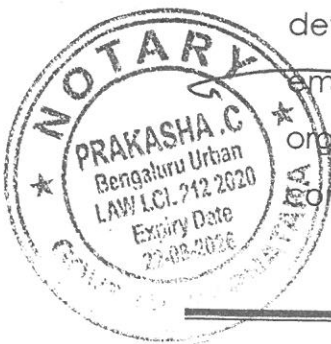
KPTCL was directed that KPTCL and ESCOMs shall take necessary measures to achieve full implementation of Intra-State ABT by sorting the issues among KPTCL and ESCOMs and report compliance thereon.

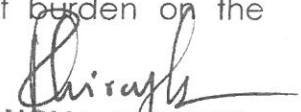
Compliance:

To sort out the issues raised by ESCOMs regarding methodology of billing under Intra-State ABT, in 59th Advisory Committee meeting the Director, Technical of KERC was instructed by Commission to convene a meeting with KPTCL and ESCOMs to sort out the issues. However, the said meeting is yet to take place. Further, during 65th meeting of Advisory Committee, KPCL has agreed to complete the pending works related to ABT metering by December 2021.

2.4 Directive on Studies conducted:

The Commission had directed the KPTCL, that the report submitted by the internal committee may be circulate among all the ESCOMs and similar action be taken in all the ESCOMs for streamlining the development and career growth in order to achieve higher employee productivity an accrual of greater benefits to the organization which would also reduce the tariff burden on the consumers.




FINANCIAL ADVISOR
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KPTCL Kaveri Bhavan
Karnataka Power Transmission Corporation Ltd
Bengaluru - 560009

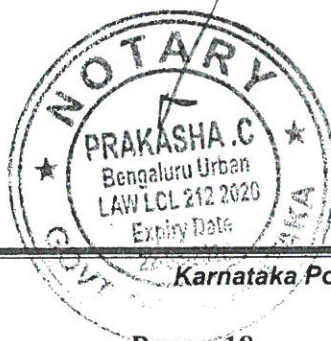
Further, the Commission directed that the KPTCL shall ensure proper implementation of the Man Power planning Strategy with a view to ensure optimum use of human resources to minimize the operational costs. KPTCL shall submit the savings in cost achieved due to annulment of posts in ESCOMs. Also, KPTCL shall submit a compliance report thereon to the Commission within three months from the date of the Order.

Compliance:

KPTCL has entrusted Human Resource Study to M/s. Institute of Social and Economic change (ISEC) , Bengaluru vide work award dated 23.09.2021. The Agency shall submit the final report within six months from the date of Award. The same will be reported to the Hon'ble Commission after the final report is accepted by KPTCL.

2.5 Directive on prevention of electrical accidents:

The Commission had directed the KPTCL to speed up the work of rectification of hazardous locations and also to submit a stringent action plan for prevention of electrical accidents of transmission lines and sub-stations quarterly to the Commission along with the number of locations already set right. The detailed Division-wise Transmission Line and Sub-Station-wise action plans were to be submitted to the Commission.



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Compliance:

The Chief Engineers of the transmission zones are regularly carrying out / monitoring works related to rectification of hazardous locations. The zone-wise status of accidents occurred in KPTCL along with details of hazardous locations was furnished to the Hon'ble Commission vide letter No. KPTCL/B36/2021-21/1189/1195 Dated: 15.11.2021.

Further, during the 65th Advisory Committee meeting, KPTCL appraised the details of accidents and rectification of Hazardous Locations from June 2021 upto September 2021 and informed the Commission that KPTCL has directed all the ESCOMs not to give electricity connection to installation which are not following CEA Safety Regulations.

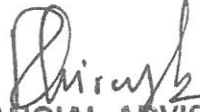
2.6 Directive on Energy Audit:

The Commission directed KPTCL to furnish voltage-wise losses on a monthly basis after reconciliation statement of energy supplied to the ESCOMs at interface points.

Compliance:

Month wise, voltage wise transmission losses for the year FY-21 (April 2020 to March 2021) has already been furnished to KERC vide letter No. KPTCL/B36/2020-21/11076/662 Dated: 06.08.2021. Further, the transmission losses upto June 2021 has been furnished to Hon'ble Commission vide Letter No. KPTCL/B36/22467/2021-22/1111 Dated: 06.11.2021.




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CHAPTER – 3

3.0 Energy Transmission and Losses in FY-21:

Total Energy input to KPTCL's transmission system during FY-21 was 71271.690 MU and the energy transmitted @ IF points with ESCOM's was 69105.430 MU resulting in transmission loss of 3.039%. Actual Voltage wise losses are noted below:

Table- 1

Voltage Wise Transmission Losses (%) for FY-21

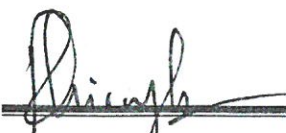
400 kV	0.292
220 kV	1.440
110 kV	0.339
66 kV	0.968

Table- 2

Trajectory of Transmission Losses (%) for FY-21

	Approved in T.O 04.11.2020	As per Actuals
Upper Limit	3.089	3.039
Average	3.039	
Lower limit	2.989	

The details of Transmission losses for FY-21 has been furnished to KERC vide letter KPTCL/B36/2020-21/11076/662 dated 06.08.2021.


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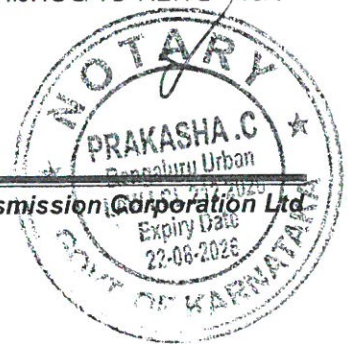
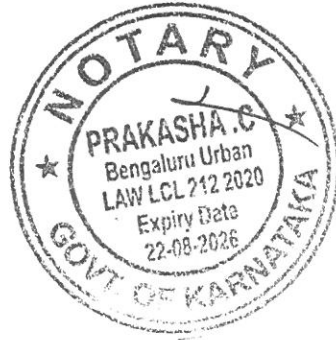
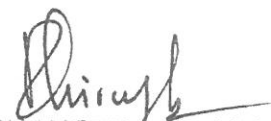


Table- 3
System Availability for FY-21

System Availability	Target Availability as per KERC MYT Regulations	Actual
Percentage	98%	99.57%

The details of Transmission system availability for FY-21 has been furnished to KERC vide letter KPTCL/B36/2020-21/11054/1211 dated 18.11.2021. The system availability achieved for the year is better than the target specified in the KERC MYT Regulations. KPTCL requests the Hon'ble Commission to allow incentive in terms of MYT Regulations.




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CHAPTER – 4

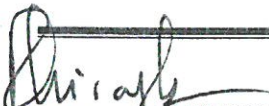
4.0 PERFORMANCE OF KPTCL FOR 2020-21

4.1 Financial Performance of KPTCL for FY-21

Table- 4

(Amount in Rs. Crore)

Sl No	Particulars	Actual as per Provisional Accounts for FY-21
1	Operation and Maintenance Cost:	
a)	Employee costs	1218.41
b)	Repairs and Maintenance costs	327.86
c)	Administration and General expenses	133.58
	Total O & M Expenses	1679.85
2	Depreciation	960.59
3	Finance costs	544.54
4	Interest on working capital	51.17
5	Return on equity	758.50
6	Other debits , if any	34.58
7	Tax expense	285.48
	TOTAL Expenditure	4314.71
	Less	
8	Interest and finance charges capitalized	97.25
9	Other expenses capitalized	63.80
10	Other Income (After deducting Depreciation on assets created out of consumer contribution of Rs. 93.78 Cr)	75.95
11	Net ARR	4077.71
12	Revenue from Transmission Charges	3898.52
13	Revenue Gap	179.19
14	Revenue approved by KERC but not demanded from 01.04.2020 to 31.10.2020.	377.82
15	Total Revenue Gap	557.01


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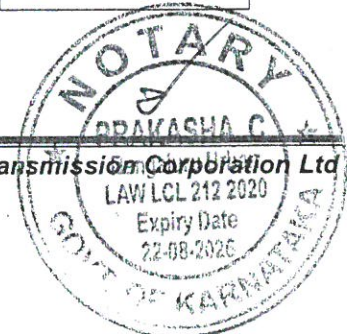


Table- 5
Total Revenue for FY-21

(Amount in Rs. Crore)

Particulars	2020-21
Revenue from Transmission Operation	3898.52
Other Income	169.73
Total Income	4068.25

4.2 CAPITAL WORKS – ACHIEVEMENTS for FY-21

During the year 2020-21 the following works were completed.

Table- 6
Capital Works – FY-21

Particulars	2020-21	
	Target	Achievement
Stations (Nos)	30	36
Lines (Ckms)	961.18	1188.42
Augmentation(Nos)	90	119

Capital Expenditure	2020-21
As per Audited Accounts (Rs. in Crore)	2211.32



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Table- 7

Station Works Completed During FY-21

Particulars	Achievement (No's)	MVA Added
400 kV	2	2500
220 kV	6	1200
110 kV	12	290
66 kV	16	237
Total	36	4227

Table- 8

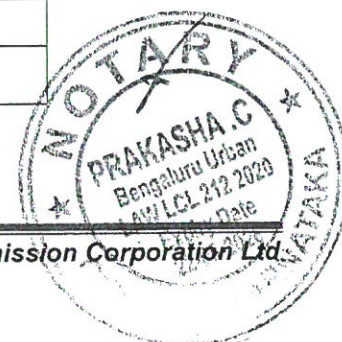
Length of Line constructed during FY-21 (in Ckt. Kms)

Particulars	Achievement Ckt.Kms
400 kV	2.62
220 kV	579.17
110 kV	260.96
66 kV	345.67
Total	1188.42

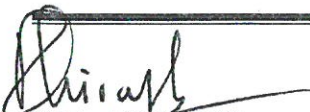
Table-9

Augmentation works – FY-21

Particulars	Achievement (Nos)
220 kV	05
110 kV	38
66 kV	76
Total	119



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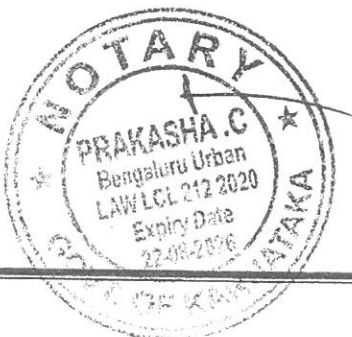
CHAPTER – 5


5.0 RATIONALE FOR TRANSMISSION CHARGES:

The aim of KPTCL is to provide efficient transmission network in the State which is stable, robust and capable of transmitting power in a most reliable and cost-effective manner. KPTCL intends to become *Number One* Transmission Utility in the Country.

Creation of Transmission infrastructure is the core activity of KPTCL and Capital works program plays a vital role in achieving vision and mission of KPTCL. To meet this capital investment, KPTCL has to depend largely on borrowings from funding agencies. For this purpose, KPTCL follows an aggressive borrowing programme aimed at minimizing interest rates and obtains loans at best possible interest rates from funding agencies. KPTCL also requests for equity infusions from GoK from time to time.

In the above back ground, based on the MYT regulations notified by KERC, KPTCL is filing its Annual Performance Review for FY-21 in order to recover the revenue gap between Actual Transmission Revenue earned from approved Transmission Charges and Actual Transmission expenditure incurred. Adequate Revenue Stream ensures adequate investments in the sector. Therefore KPTCL needs to cover its costs in full along with a Return on Equity as allowed under KERC Regulations.




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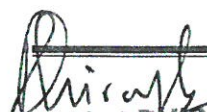
5.1 Rationale for Capital investment Programme

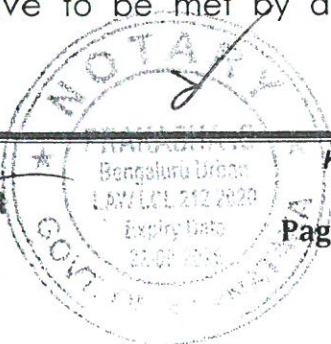
The National Electricity Policy and the National Electricity Plan emphasizes on creation of transmission infrastructure to realize the MoP vision of providing power for all. Further due to upsurge in Renewable Energy Generation in the State, necessary evacuation infrastructure needs to be created by KPTCL. Hence Green Energy Corridors are being developed by KPTCL. In line with these activities, KPTCL has envisaged adequate capex programme in the recent past and in the current year as well. This will definitely help in keeping required growth rate of all sectors in the State and ensures efficient transmission of power for equitable supply of electricity penetrating the rural areas of the State.

5.2 Karnataka is India's eighth largest State in terms of geographical size (1,91,791 square km). In order to meet the growing power demand in rural and urban areas, KPTCL, during FY 2020-21 has constructed sub-stations at voltage levels of 400, 220, 110 and 66 kV to meet the additional loads and to improve the voltage conditions. In addition to this, as many as 119 augmentation works were completed to strengthen the existing system.

5.3 Need to Ensure Assured Revenue Stream

KPTCL manages critical function of putting up intra-state transmission system facilities and maintaining it also. Its efforts are mainly focused on improving transmission system availability and system reliability. These roles involve costs that are fixed in nature and have to be met by a steady stream of revenue. For this


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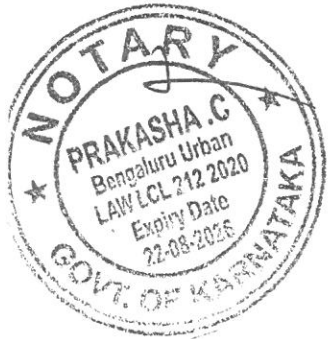
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purpose, the actual costs incurred for transmission operation need to be allowed for recovery from its consumers i.e. mainly the Five ESCOMs of the State. It is also necessary that these ESCOMs pay full transmission charges regularly as per the tariff orders passed by the Hon'ble Commission and in accordance with the Power Transmission Agreement. Of late ESCOMs are not paying transmission charges on priority. Transmission charges of Rs.1411 Cr. is due from ESCOMs as on 31.10.2021. The Hon'ble Commission may kindly direct the ESCOMs to adhere to monthly payment of full Transmission charges in terms of the Tariff Order issued by this Hon'ble Commission.

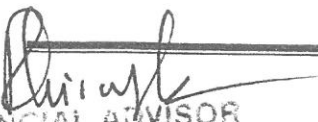
Table- 10
Summary of KPTCL's Financial Performance for FY-21

(Amount in Rs. Crore)

Sl No	Particulars	Amount Rs. in Crore
1	Revenue Earned from transmission operation	3898.52
2	Annual Revenue Requirement	4077.71
3	Revenue Gap (2-1)	179.19
4	Add: Revenue approved by KERC but not demanded from 01.04.2020 to 31.10.2020.	377.82
5	Total Revenue Gap	557.01

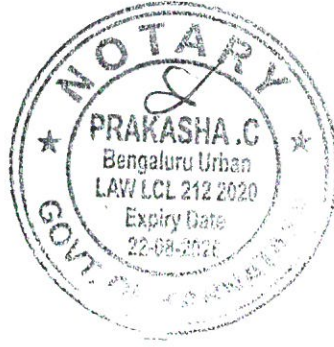


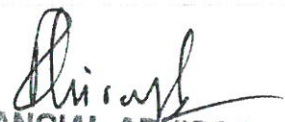
From the above it may be seen that the revenue earned from existing transmission tariff was not sufficient to cover the costs to an extent of Rs. 179.19 Cr. Hence, the Commission may kindly allow the Revenue Gap to be recovered from ESCOMs in FY 2022-23. Further, the ARR for FY-21 allowed by KERC in its Tariff Order dated


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04.11.2020 was given to effect from 01.11.2020. Hence the Transmission charges from 01.04.2020 to 31.10.2020 could not be demanded from ESCOMs. The same was informed to the Commission vide letter no. KPTCL/B36/11079/20-21/514-23 dated 15.07.2021. In view of the above, Rs 377.82 Crore not demanded and recovered from consumers as transmission charges for the said period may kindly be allowed to be recovered from ESCOMs during FY-23.




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CHAPTER 6

6.0 BREAK UP OF TRANSMISSION EXPENSES FOR FY-21

6.1 Repairs and Maintenance Expenses:

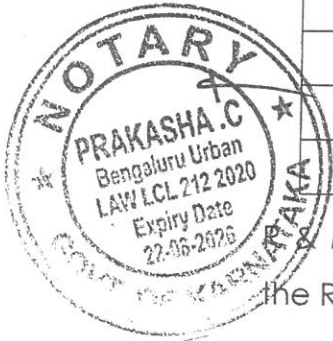
The R & M expenses incurred for the year is Rs. 327.86 Crore. R&M Expenses for FY-20 was Rs. 305.64 Crore(as per published audited accounts of FY-20) which shows an increase of Rs. 22.22 Cr over previous year because of increase in Plant and Machinery Repair cost , Repairs and maintenance of Lines, Cables and buildings in the KPTCL network. The cost incurred for various items of R & M expenses are tabulated below.

Table- 11
Repairs and Maintenance Expenses for FY-21

(Amount in Rs. Crore)

Sl No	Particulars	2020-21
1	Plant and Machinery Transformers	273.29
2	Lines, Cable Network, etc.	38.39
3	Buildings	12.51
4	Civil works	6.34
5	Vehicles	0.46
6	Furniture & Fixtures	0.01
7	Office Equipment	0.47
	TOTAL	331.47
	Less: Expenses shared by ESCOMs	3.61
	TOTAL	327.86

R & M expenses claimed in APR is Rs. 327.84 Crore after deducting the R & M expenses capitalized amount of Rs 0.02 Cr.



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6.2 Employee Costs:

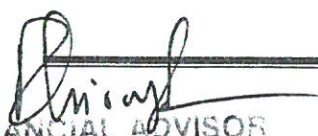
Employee costs incurred for FY-21 as per provisional Annual Accounts is Rs. 1164.32 Crore. For FY-20, it was Rs. 1154.68 Crore as per audited accounts of FY-20. There is an increase of Rs. 9.64 Crore over previous year, which is slightly less than 1% increase.

The details of the Employee Costs are shown below:

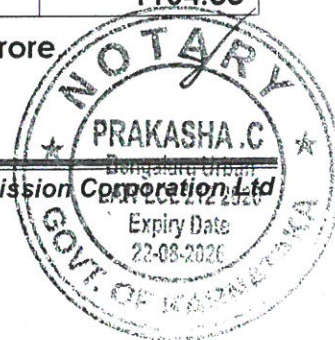
Table- 12
Employee Costs details – FY-21

Sl No	Particulars	2020-21
		Amount in Rs. Crore.
1	Salaries (Basic Pay)	827.82
2	Bonus and Exgratia	7.10
3	Earned Leave Encashment	55.12
4	Medical expenses reimbursement	6.45
5	Payment to Helpers (Monsoon gang)	0.14
6	Terminal Benefits	1.00
7	Terminal Benefits-NDCPS Employee	95.10
8	KPTCL contribution to P & G Trust	246.80
9	EPF contribution in respect of Contract employee	0.41
10	Pension and Leave Contribution made in respect of employee of other department	0.15
11	Other Allowances	0.89
12	Staff Welfare Expenses	0.03
13	Payment under Workmen Compensation Act	0.24
	Total	1241.25
	Less :	
14	Expenses shared by ESCOMs	22.76
15	Employee cost Capitalized	54.08
16.	KPTCL Portion of P & G Trust	0.08
	Net Amount	1164.33

Net Employee cost claimed in ARR is **Rs. 1164.33 Crore**


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6.3 Administration and General Expenses

The A & G expenses incurred for the year is Rs. 133.58 Crore as per Provisional Annual Accounts for FY-21. The A&G expenses have decreased by Rs. 7.77 Crore as compared to previous year's expense of Rs. 141.35 Crore (as per published audited accounts of FY-20). Details of A&G Expenses are provided in form T-7 of the filing. Net Administration and General Expenses included in ARR is Rs. 123.88 Crore. (Rs. 133.58 Cr. – Rs. 9.70 Cr capitalized cost)

6.4 Operation and Maintenance Expenses under MYT Regulations

- a) The Operation and Maintenance Expenses which include R&M costs, Employee Costs and A&G expenses are to be calculated as per the norms prescribed by KERC in its order dated 30.05.2019.

Table- 13

O&M Expenses as per Norms for FY-21 as Per KERC Order dated 30.05.2019

Particulars	2020-21
O & M Expenses for lines (in Rs. Thousand/km)	126.51
O & M Expenses for bay (in Rs. Thousand/ bay)	472.14



- b) The details of circuit kilometers of transmission lines and bay details as on 31.03.2021 are given below.

Table-14

Voltage class wise Transmission Lines as on 31.03.2021

Voltage Class	Transmission lines (in Ckms)
400 kV	3701
220 kV	12188
110 kV	11176
66 kV	11776
TOTAL	38841

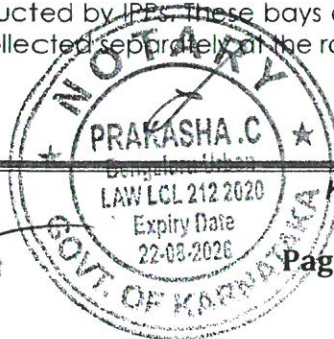
Table- 15

Number of Bays as on 31.03.2021

Type	No.
Line Bay	5836
Transformer bay	2805
PT Bay	1758
Capacitor Bank Bay	1154
11 kV Bay	13440
Total	24993

Note: The Number of bays shown in Table 15 does not include 629 Nos of Bays constructed by IPPs. These bays are maintained by KPTCL and O & M charges are collected separately at the rates approved by KERC from time to time.

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Table- 16

O&M Expenses calculated as per KERC Norms for FY-21

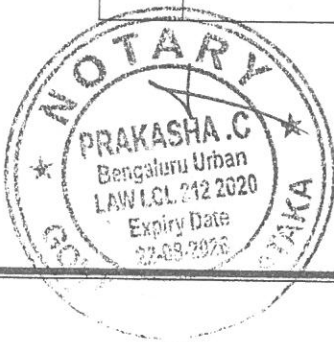
Particulars	Rate	Qty	O&M Costs (Rs. in Crore)
O&M Expenses for lines (in Rs. Lakhs/km)	1.27	38841	493.28
O&M Expenses for bays (in Rs. Lakhs/ bay)	4.72	24993	1179.67
Total			1672.95

But the Actual O & M Expenses as per Provisional Accounts works out to Rs. 1679.85 Cr (1218.41 + 327.86 + 133.58). As per KERC (Terms and conditions of tariff) (second amendment) Regulations, 2015 the O & M Expenses to be worked out as under:

Table- 17

Uncontrollable O & M costs

SL No.	Particulars	Amt in Rs. Cr
1.	Additional O & M Expenses on account of P & G contribution	246.80
2.	Earned leave encashment	55.12
	TOTAL	301.92



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Table- 18

Allowable O & M Expenses for FY-21 as per norms

SL No.	Particulars	Amt in Rs. Cr
1.	O & M Costs as per Norms	1672.95
2.	Un controllable O & M Costs	301.92
	TOTAL	1974.87

Allowable O & M Expenses as per norms is Rs. 1974.87 Cr. However KPTCL requests the Hon'ble Commission to allow O & M expenses of Rs. 1679.85 Cr as per Actual.

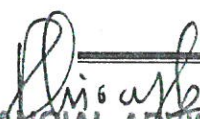
6.5 Depreciation

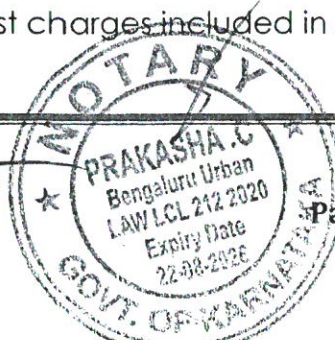
The Depreciation as per the Provisional Accounts for FY-21 is Rs. 1054.37 Crore. Rs. 1054.37 Cr includes an amount of Rs. 93.78 Cr being depreciation on assets created out of consumer contribution. Hence an amount of Rs. 960.59 Cr (1054.37-93.78) only is claimed in ARR. The details of depreciation are indicated in form T-8.

The Hon'ble Commission is requested to consider the actual amount of depreciation of Rs. 960.59 Cr and allow the same.

6.6 Interest and Finance Charges

The Actual amount incurred towards interest and finance charges as per Provisional Accounts for FY-21 is Rs. 595.71 Crore. The details of loan availed and interest costs are shown in prescribed form T-9. After considering interest capitalization amount of Rs. 97.25, the interest charges included in ARR is Rs. 498.46 Crore.


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Karnataka Power Transmission Corporation Ltd

As this interest expenditure is incurred as per actual interest on loans paid by KPTCL, the Hon'ble Commission is requested to consider and approve an amount of Rs. 498.46 Cr in ARR.

6.7 Return On Equity:

The Hon'ble Commission in its Order dated 30.05.2019, has worked out Return on Equity @ 15.5% on the Equity and Reserves & Surplus. On the same lines, RoE has been worked out for FY-21 and included in the Annual Revenue Requirement for FY-21 as under.

Table- 19
RoE Calculations for FY-21

(Amount Rs. in Crore)

Particulars	Approved	Actual
Paid up share capital	2182.32	2182.32
Share Deposit	0.00	0.00
Reserves & Surplus	2086.25	2794.36
Total Equity	4268.57	4976.68
RoE @15.5%	661.63	758.50



6.8 Tax Expenses

The Hon'ble Commission vide Order dated 30.05.2019 had approved RoE with MAT, KPTCL's tax expenses for FY-21 amounts to Rs.285.48 Crore. The same is claimed in APR for FY-21.

6.9 SLDC Charges

The Hon'ble Commission vide Order dated 30.05.2019 approved SLDC charges of Rs. 25.79 Crore and concluded that the entire SLDC charges to be recovered from ESCOMs and long term users of transmission network. For FY-21, the actual SLDC charges amounts to Rs. 28.14 Crore, the details of which are provided below.

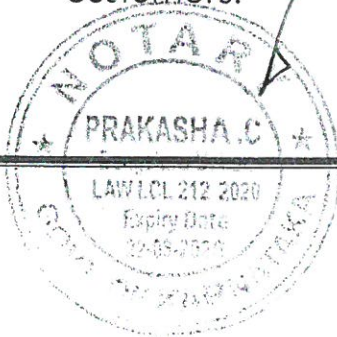
Table- 20
SLDC Charges

(Amount in Rs. Crore)

Particulars	As Per Provisional Accounts 2020-21
Repair & Maintenance	0.76
Employee Cost	18.17
A & G Expenses	8.99
Depreciation	0.22
Total	28.14

KPTCL requests the Hon'ble Commission to allow the actual SLDC expenditure of Rs. 28.14 Crore for FY-21 for recovery from ESCOMs.

KPTCL also requests the Hon'ble commission to revise SLDC charges to be recovered from short term open access customers.



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CHAPTER – 7

7.0 Annual Revenue Requirement of KPTCL

7.1 Annual Revenue Requirement of KPTCL for FY-21 (as per Actuals):

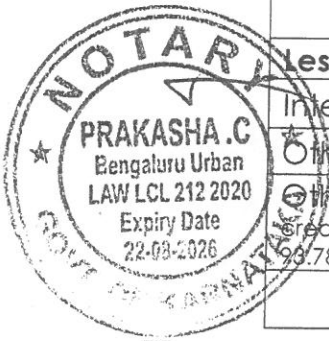
The revised annual revenue requirement of KPTCL for FY-21 based on Provisional Accounts for FY-21 are furnished in the following tables:

Table- 21

Annual Revenue Requirement of KPTCL for FY-21

(Amount in Rs. Crore)

Particulars	2020-21
Revenue from Transmission of Power	3898.52
Other income	169.73
Total Revenue	3974.47
Expenditure	
Repairs and Maintenance	327.86
Employee Costs	1218.41
A & G Expenses	133.58
Depreciation	960.59
Finance costs	544.54
Interest on Working Capital	51.17
RoE @ 15.5%	758.50
Income tax	285.48
Other debits	34.58
Total Expenditure	4314.71
Less	
Interest and finance charges capitalized	97.25
Other expenses capitalized	63.80
Other income (After deducting Deprecation on assets created out of consumer contribution of Rs. 75.95 Cr)(169.73-93.78)	75.95
Net ARR	4077.71



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7.2 Over all Gap for inclusion in Tariff for FY-21

(Amount in Rs. Crore)

1. Revenue Gap as per APR FY-21.	179.19
2. Add: Revenue approved by KERC but not demanded from 01.04.2020 to 31.10.2020.	377.82
Over all Gap	557.01

7.3 Recovery of Transmission Charges:


KPTCL is placing its actual transmission costs with a request to approve the same in the foregoing paragraphs. KPTCL has furnished details of various costs. KPTCL respectfully submits before this Hon'ble Commission to consider the revenue requirement which is based on the Provisional Annual Accounts for FY-21.

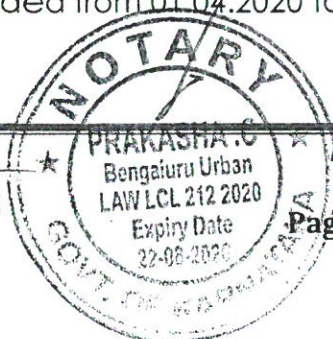
7.4 Revenue from Transmission Charges:

As KPTCL is involved only in Transmission Activity with effect from 10th June 2005, its revenues are mainly from transmission charges and Open access charges. Total Revenue indicated includes revenue from transmission charges, open access charges and non-tariff income.

7.5 Revenue Account:

The income from Transmission charges was not enough to cover its costs. KPTCL requests the Hon'ble Commission to consider the ARR, as per Provisional accounts and allow KPTCL to recover the actual ARR and Revenue of Rs. 377.82 approved by KERC but not demanded from 01.04.2020 to 31.10.2020 from ESCOMs.


FINANCIAL ADVISOR
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 KPTCL, Kaveri Bhavan
 Bengaluru - 560009



Karnataka Power Transmission Corporation Ltd

The following table provides the details of Revenue Account for FY 21.

Table-22
REVENUE ACCOUNT

(Amount in Rs. Crore)

1. Revenue from Transmission of power	3898.52
2. Net ARR as per Audited Accounts	4077.71
Revenue deficit for FY-21 (2-1)	179.19
3. Add: Revenue approved by KERC but not demanded from 01.04.2020 to 31.10.2020.	377.82
Over all Gap	557.01

KPTCL requests the Hon'ble Commission to approve the overall gap for FY-21.

7.6 Sharing Efficiency gains and losses:

KPTCL requests the Hon'ble Commission to provide incentive for achieving system availability better than the normative level. Sharing of gains may be allowed in accordance with MYT Regulation 2.7.6 and as per the Tariff Orders issued by the Commission from time to time.




[Signature]
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8.0 PRAYER

KPTCL respectfully prays the Hon'ble Commission to consider and approve the following:-

- a) The Actual ARR of KPTCL for FY-21 based on the Provisional Annual Accounts and to allow efficiency gains.
- b) To allow recovery of Gap of Rs. 557.01 Cr. from ESCOMs w.e.f 01.04.2022.
- c) To modify the short term open access charges to be recovered from 01.04.2022.
- d) To allow recovery of actual SLDC charges of Rs. 28.14 Cr.

ATTESTED BY ME

PRAKASHA. C, BA., LL.B.,
ADVOCATE & NOTARY
ENS # 16/2, 1st Cross, 2nd Main,
KMB, Basaveshwara Nagar
BENGALURU - 560 079

26 NOV 2021

For KPTCL,

Financial Advisor,
(Regulatory Affairs)
Kaveri Bhavan,
Bangalore.
FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavan
Bengaluru - 560009

Karnataka Power Transmission Corporation Limited

Annual Performance Review for FY 2020-21

FORMS A1 to A5 and T1 to T23

ATTESTED BY ME

Prakasha C
PRAKASHA. C, BA, LL.B.,
ADVOCATE & NOTARY
Flat # 16/2, 1st Cross, 2nd Main,
Basaveshwara Nagar
BENGALURU - 560 079



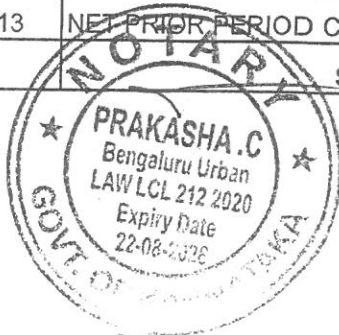
Shri S. S. S.
FINANCIAL ADVISOR
Regulatory Affairs
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26 NOV 2021

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
PROFIT & LOSS ACCOUNT

Form A1
Rs. in Cr.

Ref Form- No	PARTICULARS	2019-20 (Actuals)	2020-21 (Provisional)
T1/D1	ENERGY AVAILABLE FOR TRANSMISSION (MU)	75129	71272
T2/D2	ENERGY SOLD AT INTERFACE POINT (MU)	72778	69105
	Transmission Loss in MUs	2351	2166
	Transmission Loss in %	3.13	3.04
	Installed Capacity in MW	21718	24438
	INCOME		
T2/D2	REVENUE FROM SALE OF POWER - Transmission Charges	3571.74	3898.52
T3/D3	REV SUBSIDIES & GRANTS *		
T4/D4	OTHER INCOME	175.30	169.73
	TOTAL	3747.04	4068.25
	EXPENDITURE		
T1/D1	POWER PURCHASE		
T5/D5	REPAIRS & MAINTENANCE	304.89	327.86
T6/D6	EMPLOYEES COSTS	1217.23	1218.40
T7/D7	ADM & GENERAL EXPENSES	141.35	133.58
T8/D8	DEPRECIATION AND RELATED DTS	966.85	1054.86
T9/D9	INTEREST & FINANCE CHARGES	564.91	595.71
	SUB-TOTAL	3195.22	3330.40
T10/D10	LESS: EXPENSES CAPITALISED:		
	-INTEREST & FINANCE CHARGES CAPITALISED	106.86	97.25
	-OTHER EXPENSES CAPITALISED	74.01	64.28
	SUB-TOTAL	180.87	161.53
T11/D11	OTHER DEBITS (incl. Bad debts)	4.39	34.58
T12/D12	EXTRAORDINARY ITEMS / EXCEPTIONAL ITEMS	0.00	0.00
	TOTAL EXPENDITURE	3018.75	3203.46
	PROFIT (LOSS) BEFORE TAX	728.30	864.79
	PROVISION FOR TAXATION	33.93	285.49
	PROFIT (LOSS) AFTER TAX	694.37	579.31
T13/D13	NET PRIOR PERIOD CREDITS /(Charges)	0.00	
	SURPLUS/DEFICIT(-)	694.37	579.31



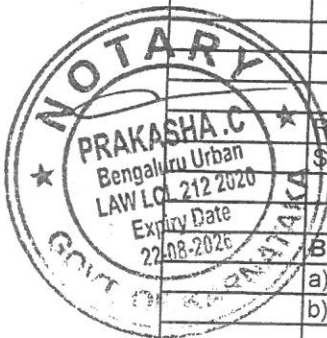
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 Regulatory Affairs
 KPTCL, Kaveri Bhavan
 Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
BALANCE SHEET AS AT THE END OF THE YEAR

Form A2

Rs. in Cr.

Ref Form- No	PARTICULARS	2019-20 (Actuals)	2020-21 (Actuals)
	A. Equity and Liability:		
	Shareholders Funds	2182.32	2182.32
	Reserves & Surplus	2711.20	3290.51
	Equity Infusion (Shares pending allotment)	0.00	
T14/D14	Contributions, Grants & Subsidies towards Cost of Capital Assets	1005.89	1087.64
	Total A	5899.42	6560.48
	B. Non-Current Liabilities		
T9/D9	Long Term Borrowings	6700.77	7592.76
	Deffered Tax Liability	856.58	949.74
	Other non Current Liabilities	2474.88	2438.38
	Long Term Provisions	293.99	321.41
	Total Non-Current Liabilities B	10326.22	11302.28
	C. Current Liabilities		
T9/D9	Short term Borrowings	800.00	675.00
	Trade Paybles	384.43	102.25
	Other Current Liabilities	2089.28	1926.49
	Short Term Provisions	948.34	1086.77
	Total Current Liabilities C	4222.04	3790.51
	GRAND TOTAL (A+B+C+D)	20447.68	21653.26
	APPLICATION OF FUNDS:		
	ASSETS		
	A. FIXED ASSETS:		
T15/D15	a) Tangible assets - Gross Block	22182.68	24289.31
T8/D8	b) LESS:Accumulated Depreciation	8498.64	9466.28
T16/D16	c) Tangible Assets - Net Fixed Assets	13684.04	14823.03
	Intangible Assets	0.84	0.59
T17/D17	d) Capital Work-in-Progress	3181.15	3514.68
	e) Long Term Loans & Advances		
	f) Other Non-Current Assets	1950.05	1909.08
	TOTAL A (a to i)	18816.07	20247.39
	Revenue Gap Recoverable from ESCOMs		
	Subsidy Receivable from Government		
	B. CURRENT ASSETS		
	a) Inventories	84.98	84.88
	b) Trade Receivables	1061.75	696.72
	c) Cash & Cash Equivalents	205.32	262.49
	d) Short Term Loans & Advances	19.90	24.53
	e) Other Current Assets	259.66	337.27
	TOTAL OF B	1631.61	1405.88
	GRAND TOTAL (A+B+C)	20447.68	21653.26



Prakash C.
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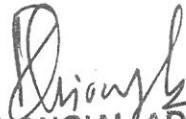
KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
CASH FLOW STATEMENT FOR THE YEAR

Form A3

Rs. in Cr.

SL NO	PARTICULARS	2019-20 (Actuals)	2020-21 (Provisional)
I	CASH FLOW FROM OPERATING ACTIVITIES		
	Profit/(Loss) before Tax	728.29	864.79
	Adjustment for Deferral Regulatory Income		
	Adjustments for:		
	i. Depreciation and Amortization Expenses	965.77	1054.37
	ii. Withdrawal of Excess provision made during previous years	-12.33	-3.34
	iii. Depreciation on Assets created out of Consumer Contribution	-100.08	-93.78
	iv. Provision for Stock shortage	-0.11	-0.26
	v. Profit on Sale of Stores	-1.59	-0.03
	vi. Sale of Scrap		
	vii. Profit on Sale of Released Assets	-2.22	-6.63
	viii. Sundry Receivables Write off & Other Write off & exceptional items	1.87	2.61
	ix. Interest Income	-1.61	-11.07
	x. Prior Period Adjustment	32.09	-
	xi. Finance Costs	458.05	498.46
	Operating Profit/(Loss) before working capital changes	2003.94	2305.12
	Change in Operating Assets and Liabilities		
	i. (Increase)/Decrease in Trade Receivables	-384.79	365.04
	ii. (Increase)/Decrease in Inventories	-11.94	0.36
	iii. (Increase)/Decrease in Current Assets	6.12	-73.57
	iv. (Increase)/Decrease in Current liabilities & provisions	-482.12	-257.77
	v. (Increase)/Decrease in Non-current assets	-1210.09	40.97
	vi. (Increase)/Decrease in Non-current liabilities	166.16	100.01
	vii. (Increase)/Decrease in Non-current Financial liabilities	1497.73	-116.5
	viii. (Increase)/Decrease in Loans	-15.18	-4.63
	Cash Generated from Operations	1569.83	2359.02
	Add/(Less): Income Tax Paid (Net of Refund)	-140.50	-197.76
	Net Cash Inflow From Operating Activities (A)	1429.34	2161.25
II	CASH FLOW FROM INVESTING ACTIVITIES		
	i. Changes in PPE & Capital Work in Progress	-2323.60	-2429.40
	ii. Net increase/ decrease in Bank Deposit with maturities exceeding 3 months	-24.00	-48.11
	iii. Interest Income	1.61	11.07
	Net Cash Inflow From Investing Activities (B)	-2346.00	-2466.44
III	CASH FLOW FROM FINANCING ACTIVITIES		
	i. Contribution & Grants towards cost of capital assets	101.21	182.95
	ii. Changes in Secured Loans	752.58	852.59
	iii. Changes in Unsecured Loans	649.40	-125.60
	iv. Finance and Other Charges	-564.91	-595.71
	Net Cash Inflow From Financing Activities (C)	938.28	314.24
	Net Change in Cash and Cash equivalents (A+B+C)	21.62	9.06
	Add: Opening Cash and Cash Equivalents as on 01.04.2020	45.04	66.65
	Closing Cash and Cash Equivalents as on 31.03.2021	66.65	75.71

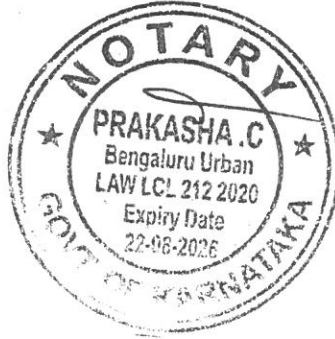


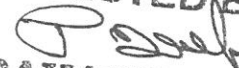

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 Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Aggregate Revenue Requirement


Form A4
 Rs. In Crore

Sl. No.	Item	Ref Form No	2019-20 (Actuals)	2020-21 (RE)
1.	Capital Base/Net Fixed Assets at the beginning year less Consumer's contribution	A-1		
2.	Revenue return at3.....%.	A-1		
3.	Revenue Requirement- Expenditure (Net after capitalisation of expenses) excluding prior period and extra ordinary items	A-1	3,025.13	3,467.31
4.	Other Income	A-1	175.30	169.73
5.	Aggregate Revenue (2+3-4)		2,849.83	3,297.57
6.	Net Prior Period Credits		-	
7.	Annual Revenue Requirement (5)-(6)		2,849.83	3,297.57



ATTESTED BY ME

PRAKASHA. C, BA., LL.B.,
ADVOCATE & NOTARY
 EWS # 16/2, 1st Cross, 2nd Main,
 KHR, Basaveshwara Nagar
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26 NOV 2021


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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Revenue Requirement - Capital Base

Form A5
Rs. in Cr.

SI No	Data Required	Ref Form No.	2019-20 (Actuals)	2020-21 (Provisional)
1	(a) Original cost of fixed assets (at the beginning of the year)	D15		
	(b) Cost of intangible assets			
	(c) The original cost of work in progress			
	(d) The amount of investment compulsorily made under para-IV of the Sixth Schedule	D17		
	(e) An amount on account of working capital equal to the sum of : Average cost of stores (1/12th of the sum of the stores materials and supplies including fuel in hand at the end of each month of the year)			
(e) i	Average cash and bank balance (1/12th of the sum of cash and bank balance whether credit or debit and call and short term deposits at the end of each month of the year)			
(e) ii	Sum of above			
	Less			
2	i) The amounts written off or set aside on account of depreciation of fixed assets.			
	ii) The amount of any loan or subvention from the State Government	D8		
	ii.a) The amount of any loans borrowed from organisations or institutions approved by the State Government.	D9		
	ii-b) The amount of any debenture issued by the licensee.	D9		
	iii) The amounts deposited in cash with the licensee by consumers, by way of security.			
	iv) The amount standing to the credit of Tariff and Dividends Control Reserve at the beginning of the year of account.			
	v) The amount standing to the credit of the Development Reserve at the close of the year.			
	vi) The amount carried forward (at the beginning of the year of account) in the accounts of the Licensee for distribution to the consumers.			
	Sum of above			

Note : The format is not applicable to KPTCL / BESCOM / HESCOM / MESCOM / GESCOM and other successor entities of KEB




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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Revenue - Transmission Charges

Form T2

(Rs. In Crore)

Category	Consumer Category Particulars	2019-20 (Actuals)				2020-21 (Actuals)			
		No of Instns.	Installed Capacity in MW	Revenue (Rs in Crs)	Avg. Realn. (Rs./ MW/ Month)	No of Instns.	Installed Capacity in MW	Revenue (Rs in Crs)	Avg. Realn. (Rs./ MW/ Month)
1	2	7	8	9	10	11	12	13	14
	Revenue from sale of power to ESCOMS								
	BESCOM		11046	1,741.81	131406		11708	1,906.82	135720
	MESCOM		1615	259.00	133644		1715	279.30	135713
	CEEC		2422	388.42	133644		2505	420.95	140035
	HESCOM		4085	696.02	141987		4335	716.03	137644
	GESCOM		2550	420.98	137575		2800	453.88	135083
	Hukkeri Co-Op Society			0.00					
	Sub-Total		21718	3506.23	134,536		23063	3776.96	136,473
	Inter State Sale of Power								
	MTOA								
	ISTS Charges								
	Other Operating Income			-31.85				0.00	
	Total Interstate Sale of Power			69.82				99.92	
	Wheeling Charges & open access charges			37.97				99.92	
	Misc.			27.55				21.64	
	Withdrawal of Revenue Demand			0.00					
	Sub-Total - Misc. Rev			27.55				21.64	
	Grand Total		21718	3571.74			23063	3898.52	



Prakash.A.C.
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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Revenue Subsidies and Grants

Form T3
Rs. In Crore

SI No	Particulars	2019-20 (Actuals)	2020-21 (Actuals)
1	RE Subsidies		
2	Grants for Research and Development Expenses		
3	Grant for Survey and Investigation	NIL	NIL
4	Others Subsidy Hukkeri Society		
	Grand Total		



ATTESTED BY ME

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ADVOCATE & NOTARY
E/No # 16/2, 1st Cross, 2nd Main,
NRI B. Sasaveshwara Nagar
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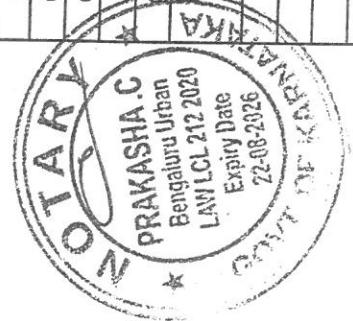
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S. Prakash
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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Non-Tariff Income (Other Income)

Form T4
Rs. In Crore

SI No	Particulars	2019-20 (Actuals)	2020-21 (Actuals)
1	Interest on staff loans and advances	0.00	-
2	Income from Investments:	3.35	17.33
a	Interest on securities		
b	Interest on Bank fixed deposits	1.61	11.07
c	Income on other investments	1.74	6.23
d	Interest on loans/advances to suppliers/ Contractors	-	0.02
e	Interest from Banks	-	-
f	Interest on loans to Societies	-	-
3	Income from Trading:	3.96	6.71
a	Profit on sale, hire etc of apparatus	2.36	6.68
b	Hire charges from Contractotrs	0.00	0.00
c	Profit on sale of stores	1.59	0.03
d	Sale of Scrap	-	-
e	Other Misc Receipts from trading	-	-
4	Income/Fees collections against staff welfare activities:		
a	Recoveries for transport facilities		
5	Miscellaneous Receipts:	167.99	145.70
a	Rental from Staff Quarters	10.01	9.52
b	Rental from others	15.92	15.22
c	Leave contribution	0.00	0.00
d	Excess found on physical verification of cash	0.00	0.00
e	Excess found on physical verification of stock	0.00	0.00
f	Excess found on physical verification of Assets	0.00	0.00
g	Recovery from transport & vehicle expenses	0.00	0.00
h	Depreciation withdrawn on Assets created out of Consumer contribution	100.08	93.78
i	Misc. recoveries	29.65	23.83
j	Excess provision in earlier years no longer required	12.33	3.34
	Grand Total	175.30	169.73




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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Repairs and Maintenance Costs

Form T5

Rs. In Crore

SI No	Particulars	2019-20 (Actuals)			2020-21 (Actuals)		
		Consumption of stores	Other expenses	Total	Consumption of stores	Other expenses	Total
	Repairs and Maintenance to:						
1	Plant and Machinery		242.73	242.73		260.29	260.29
	Transformers:						
2	(a) repairs and maintenance made departmentally		13.00	13.00		13.00	13.00
	(b) repairs and maintenance by private agencies						
3	Buildings						
4	Other civil works		12.10	12.10		12.51	12.51
5	Hydraulic works		7.01	7.01		6.34	6.34
6	Lines, Cable Network, etc						
			32.64	32.64		38.39	38.39
7	Vehicles						
8	Furniture & Fixtures		0.35	0.35		0.46	0.46
9	Office Equipments		0.02	0.02		0.01	0.01
			0.50	0.50		0.47	0.47
	Total		308.35	308.35		331.47	331.47
11	Others - Expenses shared by ESCOMs		3.46	3.46		3.61	3.61
	Grand Total		304.89	304.89		327.86	327.86





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 Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Employee Costs

Form-T6

SI No	Particulars	2019-20 (Actuals)	2020-21 (Actuals)
1	Basic Pay	700.45	641.80
2	Double Wages	12.00	10.99
3	Dearness Allowance	69.56	72.06
4	Other Allowances	111.73	102.98
5	Bonus	7.29	7.10
6	Sub-Total (1 to 5)	901.04	834.92
7	Medical Expenses	7.00	6.45
8	Leave travel Assistance	-	-
9	Earned Leave Encashment	74.66	55.12
10	Payment under Workmen's Compensation Act	0.04	0.24
11	Payment to Helpers	0.06	0.14
12	Total Other staff costs (7 to .10)	81.75	61.94
13	Staff Welfare expenses	0.44	0.32
14	Fees for Traiing - Courses held by Outsiders	0.33	0.11
15	Training Expenses for Trainees	0.42	0.45
16	Terminal Benefits	256.79	343.49
17	Sub-total (12 to 15)	257.99	344.37
	Grand Total	1240.78	1241.24
	Less Expenses Shared by ESCOMS	23.45	22.76
	Less: KPTCL Portion of P&G Trust	0.10	0.08
	Grand Total	1217.23	1218.40




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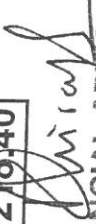
KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Employees Costs - Additional information

Form T6 A

SI No	Category of employee	2019-20 (Actuals)				2020-21 (Actual)			
		Number		Cost	Number		Cost		
		Sanct- ioned	Working	Rs in Crores	Sanct- ioned	Working	Rs in Crores		
1	Board of directors	5	5	1.47	4	4	1.52		
2	Chief Engineer & equivalents	16	16	11.46	20	16	10.44		
3	Superintending Engineers & equivalents	57	57	17.92	57	53	16.33		
4	Executive Engineers & equivalents	211	211	35.93	217	216	32.73		
5	Asst Executive Engineers & equivalents	978	978	234.96	999	780	214.02		
6	Asst Engineers & equivalents	1499	1499	102.76	1514	1348	93.60		
7	All other staff	13668	9881	555.48	13537	7318	505.96		
8	Terminal Benefits			256.79			343.49		
9	Others			0.44			0.32		
	Total	16434	12647	1217.23	16348	9735	1218.40		
	Grand Total	16434	12647	1217.23	16348	9735	1218.40		




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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Administration and General Charges

Form-T7
Rs. in Cr.

SI No	Particulars	2019-20 (Actuals)	2020-21 (Actuals)
1	Rents, Rates and Taxes	10.81	12.40
2	Security arrangements	8.89	10.19
3	Insurance	-	-
	Service line charges paid to ESCOMS for obtaining power supply to KPTCL installations	-	-
4	Telephone charges, postages, Telegram Telex Charges and Mobile Phones	3.53	3.43
5	V-sat, Internet and related charges	7.57	6.78
6	Legal charges	2.54	3.10
7	Audit Fee	0.27	0.24
8	Consultancy charges	0.16	0.30
9	Technical Fee	-	0.09
10	Other professional charges	19.40	20.63
11	Travelling expenses, Conveyance and vehicle hire charges	36.90	33.82
12	Conveyance and vehicle hire charges	-	-
12	Sub-total	90.05	90.99
13	Other expenses	-	-
a	Fees & subscription & License Fees	1.69	1.64
b	Books & periodicals	0.05	0.05
c	Computer Stationary	0.56	0.64
d	Printing & Stationery	1.97	2.06
e	Advertisements	3.73	3.85
f	Contribution/Donations	0.23	0.06
g	Electricity charges	22.60	23.67
h	Water charges	0.99	0.73
i	Entertainment	0.01	0.00
j	Misc expenditure	28.38	17.39
	Total other expenses	60.20	50.10
14	Freight & Other purchase related expenses	0.42	1.20
	GRAND TOTAL	150.67	142.29
	Less: Expenses shared by ESCOMS	9.31	8.70
	KPTCL Portion of P&G Trust	0.01	0.01
	Grand Total	141.35	133.58




FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavan
 Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Depreciation

Form T8

Sl No	Particulars of assets	2019-20 (Actuals)			2020-21 (Actuals)		
		Depreciation provided for the year	Withdrawal of depreciation	Balance at the end of the year	Depreciation provided for the year	Withdrawal of depreciation	Balance at the end of the year
1.	Land and rights		0.08	-	-	0.63	0.63
1a	Amortisation of Lease hold Assets	0.61	(0.61)	-	0.63	-0.63	-
2.	Building and structures	22.31	2.05	231.81	24.61	0.07	256.35
3.	Plant and Machinery Substation Transformers, Circuit breakers, other fixed apparatus of rating 100 MVA and above.	462.62	24.44	4,486.35	505.65	70.69	4,921.32
4.	Substation Transformers, Circuit breakers, other fixed apparatus of rating below 100 MVA	-	-	-	-	-	-
5.	Towers, Poles, fixture, overhead conductors and devices	464.58	8.85	3,687.38	503.65	15.92	4,175.12
6.	Underground cables and devices	0	-	-	-	-	-
7.	Service lines	0	-	-	-	-	-
8.	Service lines	0	-	-	-	-	-
9.	Misc equipment	0	-	-	-	-	-
10.	Other items	0	-	-	-	-	-
a	Hydraulic Works	5.52	0.27	37.30	6.43	0.01	43.72
b	Other Civil Works	7.47	0.34	35.45	9.92	0.08	45.45
	Vehicles	2.30	0.23	7.35	2.28	0.17	9.45
	Furniture Fixtures	1.23	1.89	11.20	1.47	0.17	12.51
	Office Equipments	0.21	0.14	1.80	0.22	0.27	1.74
	Grand Total	966.85	(16.26)	8,498.64	1,054.86	(87.22)	9,466.28
	Grand Total	966.85	(16.26)	8,498.64	1,054.86	(87.22)	9,466.28

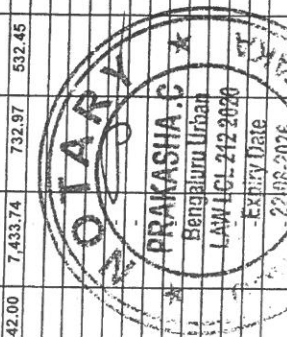

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Loans and Debentures and interest charges

Form T9
Rs. in Crore

Institution	2019-20 (Actuals)						2020-21 (Actuals)					
	Opening Balance	New loan addition	Total loan at the end of theyear	Repayment of principal	Interest for the year	Closing Bal	Opening Balance	New loan addition	Total loan at the end of theyear	Repayment of principal	Interest for the year	Closing Bal
GOK Loans												
1 Loans from REC-APDRP												
2 Loans from Govt. - Un-Secured	2.38		2.38	0.6	0.26	1.78	1.78		1.78	0.59	0.19	1.19
Total Govt. Loans	2.38		2.38	0.60	0.26	1.78	1.78		1.78	0.59	0.19	1.19
3 Loans from Others - Secured												
Sate Bank of Mysore	534.29		534.29	85.72	41.54	448.57	448.57		448.57	85.72	31.42	362.85
Sate Bank of India	878.00	210	1,088.00	87.80	71.49	1,000.20	1,000.20	540.00	1,540.20	87.80	78.59	1,452.40
Punjab National Bank	300.00	400.00	700.00	30.00	33.81	670.00	670.00		670.00	30.00	52.11	640.00
REC Ltd.,	(0.00)		(0.00)									
Commercial Banks												
PFC												
Bank of Baroda	0.00		0.00			0.00	0.00		0.00			0.00
Vijaya Bank		250	250.00		0.45	250.00	250.00		250.00		20.30	250.00
Oriental Bank of Commerce	812.68		812.68	155.93	64.92	656.75	656.75		656.75	139.93	48.51	516.82
Bank of India												
Bank of Rajasthan	622.50		622.50	50.00	51.48	572.50	572.50		572.50	67.50	43.64	505.00
Indian Bank												
Loan from UCO BANK	110.00		110.00	30.00	8.55	80.00	80.00	350.00	430.00	30.00	17.21	400.00
Jammu & Kashmir Bank	200.00		200.00	20.00	16.00	180.00	180.00		180.00	20.00	13.92	160.00
Loan from Pujab & Sindh Bank	550.00		550.00		47.51	550.00	550.00		550.00		42.84	550.00
Loan from Canara Bank	380.00		380.00	60.00	30.94	370.00	370.00		370.00	60.00	24.32	260.00
Bank of Maharashtra	1,449.76	582.00	2,031.76	151.44	153.79	1,880.32	1,880.32		1,880.32	132.82	146.52	1,747.50
Corporation Bank												
Union Bank of India	152.13		152.13	61.48	11.11	90.65	90.65		90.65	35.65	24.32	55.00
Total Loans Secured	5989.36	1442.00	7431.36	732.37	532.19	6698.99	6698.99	1582.00	8280.99	689.42	543.69	7591.57
Loans from Others - Unsecured												
Private Placement of Bonds												
Public Bonds												
Loans from REC-Rationalised												
Commercial Banks (IP set loans)												
4 Commercial Banks (SPA)												
Total Loans Un Secured												
Supplier Lines of Credit												
5 Bills payable (JSL)												
Bills payable (KECIL)												
Bills payable (RPGT)												
Other Financial Institutions												
Othera Finance Charges												
Interest accrued and due												
Total Suppliers Line of Credit												
7 TOTAL	5,991.74	1,442.00	7,433.74	732.97	532.45	6,700.77	6,700.77	1,582.00	8,282.77	690.01	543.88	7,592.76
Others												
Borrowing for W Cap												
Int. on PP												
Others												
Lease/Sale & Leaseback of assets												
IDBI (Lease finance)												
IL&FS (Lease finance)												
HDFC (Lease finance)												
HDFC (sale & lease back)												
IL&FS (sale & lease back)												
Short term loans/ borrowings for working capital												
PFC												
REC												
Commercial Banks	150.00	1,300.00	1,450.00	650.00	32.32	800.00	800.00	800.00	1,600.00	925.00	51.17	675.00
TOTAL Others	150.00	1,300.00	1,450.00	650.00	32.32	800.00	800.00	800.00	1,600.00	925.00	51.17	675.00
TOTAL loan of KPTCL	6,141.74	2,742.00	8,883.74	1,382.97	564.77	7,500.77	7,500.77	2,382.00	9,882.77	1,615.01	595.05	8,267.76



Prakash S.
FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavan
Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

FORM - T 9A

Sale and Lease Back of Assets - Ensuing Year 2019-20 (Actual)									
Sl. No.	Particulars of Assets	Year of Acquisition	Original Cost of the Asset	Year of Sale of the Asset	Book value at the time of the sale	Period of Lease (Years)	Annual Lease payments	Remarks	(Rs. in Crores)
	Transformers accessories circuit breakers				NIL				
	Total								
Sale and Lease Back of Assets - Ensuing Year 2020-21 (Actuals)									
Sl. No.	Particulars of Assets	Year of Acquisition	Original Cost of the Asset	Year of Sale of the Asset	Book value at the time of the sale	Period of Lease (Years)	Annual Lease payments	Remarks	(Rs. in Crores)
	Transformers accessories circuit breakers				NIL				
	Total								



ATTESTED BY ME

PRAKASHA. C, BA., LL.B.,
ADVOCATE & NOTARY
 No. 15/2, 1st Cross, 2nd Main,
 K.H. Sasaveshwara Nagar
BANGALURU - 560 079

Prakash
FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavan
 Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Details of Expenses Capitalised

Form T10
Rs. In Crore

SI No	Particulars	2019-20 (Actuals)	2020-21 (Actuals)
1	Interest & Finance charges Capitalised	106.86	97.25
2	Other expenses capitalised:		
a	Employee Costs	63.17	54.08
b	Administration and General Expenses	9.75	9.70
c	Repairs and maintenance	0.01	0.02
d	Depreciation	1.08	0.48
e	Others, if any	-	-
	Total of 2	74.01	64.28
	Grand Total	180.87	161.53



WITNESSED BY ME
Prakash A.C., BA., LL.B.,
ADVOCATE & NOTARY
 EWS #12, 1st Cross, 2nd Main,
 KHE Shivaveshwara Nagar
 BENGALURU - 560 075

(Signature)
FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavan
 Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Other Debits

FORM - T11

Rs. in Cr.

Sl No	Particulars	2019-20 (Actuals)	2020-21 (Actuals)
1	Material Cost Variance		
2	Research & Development Expenses		
3	Cost of Trading & Manufacturing		
4	Bad & Doubtful Debts provided		
5	Miscellaneous Losses & write off	1.87	2.61
6	Intangible assets written off		
7	Sundry Expenses writtenoff		
8	Others	2.53	31.97
9			
10			
	Grand Total	4.39	34.58



Signature

FINANCIAL ADVISOR

Regulatory Affairs
KPTCL, Kaveri Bhavan
Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Extraordinary items / Exceptional Items

FORM - T12
 Rs. in Cr.

SI No	Particulars	2019-20 (Actuals)	2020-21 (Actuals)
1	Extraordinary Credits (incl. subsidies against losses due to natural disasters)		
	TOTAL CREDITS		
2	Extraordinary Debits / Exceptional Items		
	TOTAL DEBITS		
	Grand Total	0.00	0.00



ATTESTED BY ME

Prakash C
PRAKASHA. C, BA., LL.B.,
ADVOCATE & NOTARY
 EWS # 16/2, 1st Cross, 2nd Main,
 KMS Basaveshwara Nagar
 BENGALURU - 560 079

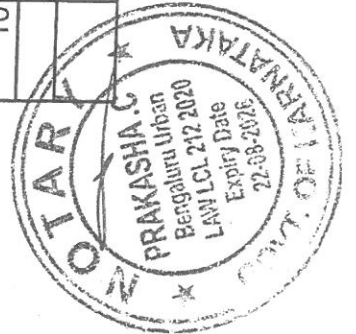
6 NOV 2021


Srinivas
FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavan
 Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Net Prior Period Credit/(Charges) **FORM - T13**

Rs. in Cr.

SI No	Particulars	2019-20 (Actuals)	2020-21 (Actuals)
	Income relating to previous years:		
1	Interest income for prior periods	0.00	0.00
2	Income Tax proir period		
3	Excess Provision for Depreciation	6.94	0.00
4	Excess Provision for Interest and Fin. Charges		
5	Receipts from consumers		
6	Other Excess Provision	0.09	0.00
7	Others Income	5.62	0.00
	Total	12.65	-
	Expenditure relating to previous years		
1	Power Purchase		
2	Operating Expenses	0.00	0.00
3	Excise Duty on generation		
4	Employee Cost	-139.58	0.00
5	Depreciation	-26.44	0.00
6	Interest and Finance Charges		
7	Admn. Expenses	0.00	0.00
8	Withdrawal of Other Amounts credited to Misc, Rev.		
9	Material Related		
10	Other		
	Total	-2.62	0.00
	Net prior period (Credit)/Charges	-168.65	0.00
	Net prior period (Credit)/Charges	-156.00	0.00





FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavan
 Bengaluru - 560006

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Contributions, Grants and Subsidies towards cost of Capital As FORM - T14

Rs. in Cr.

Sl No	Particulars	2019-20 (Actuals)			2020-21 (Actuals)		
		Balance at the beginning of the year	Additions during the Year	Balance at the end of the year	Balance at the beginning of the year	Additions during the Year	Balance at the end of the year
1	Consumers Contribution	901.32	104.57	1005.89	1005.89	81.75	1087.64
2	Subsidies towards cost of Capital Assets*						
3	Grants towards cost of Capital Assets*						
4	Others						
	Grand Total	901.32	104.57	1,005.89	1,005.89	81.75	1087.64




FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavan
 Bengaluru - 560009

**KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
GROSS FIXED ASSETS**

FORM - T15
Rs. in Cr.

Sl No	Particulars of assets	2019-20 (Actuals)			2020-21 (Actuals)		
		Additions during the year	Retirement/ Adj. of assets during the year	Balance at the end of the year	Additions during the year	Retirement/ Adj. of assets during the year	Balance at the end of the year
1.	Land and rights	26.02	-0.24	388.06	72.62	5.22	465.90
2.	Building and structures	60.71	4.53	743.12	75.21	2.18	820.52
3.	Plant and Machinery Substation Transformers, Circuit breakers, other fixed apparatus of rating 100 MVA and above.	916.18	0.25	10,466.57	1163.62	-121.44	11,508.75
4.	Substation Transformers, Circuit breakers, other fixed apparatus of rating below 100 MVA	-	-	-	-	-	-
5.	Towers, Poles, fixture, overhead conductors and devices	1076.08	-43.35	10,160.17	855.22	-25.52	10,989.87
6.	Underground cables and devices						
7.	Service lines						
8.	Metering equipment						
9.	Misc equipment						
10.	Other items						
a	Hydraulic Works	12.67	0.09	116.89	18.47	0.80	136.16
b	Other Civil Works	33.83	0.93	208.57	60.62	0.73	269.93
c	Vehicles	0.34	-0.25	27.36	0.00	-0.19	27.17
d	Furniture Fixtures	1.71	-1.86	23.54	4.04	-0.18	27.41
e	Office Equipments	0.57	-0.23	4.24	0.28	-0.43	4.08
	Intangible assets						
	Grand Total	2,128.12	(40.14)	22,138.53	2,250.09	(138.83)	24,249.79

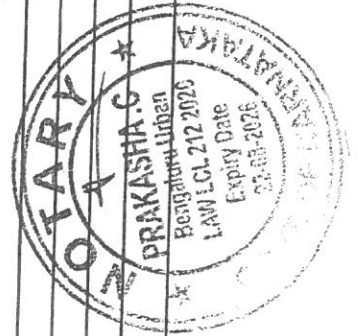


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Regulatory Affairs
KPTCL, Kaveri Bhavan

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
NET FIXED ASSETS

FORM - T16
Rs. in Cr.

SI No	Particulars of assets	2019-20 (Actuals)			2020-21 (Actual)		
		Addition of assets during the year	Net Depreciation for the Year	Balance at the end of the year	Addition of assets during the year	Net Depreciation for the Year	Balance at the end of the year
1.	Land and rights	25.79	0.08	388.06	77.84	0.63	465.27
2.	Building and structures	65.24	24.36	511.31	77.39	24.54	564.17
3.	Plant and Machinery Substation Transformers, Circuit breakers, other fixed apparatus of rating 100 MVA and above.	916.43	438.18	5,980.22	1042.18	434.96	6,587.43
4.	Substation Transformers, Circuit breakers, other fixed apparatus of rating below 100 MVA .	0.00	0.00	-	-	-	-
5.	Towers, Poles, fixture, overhead conductors and devices	1032.73	473.43	6,472.79	829.70	487.73	6,814.76
6.	Underground cables and devices						
7.	Service lines						
8.	Metering equipment						
9.	Misc equipment						
10.	Other items						
a	Hydraulic Works	12.75	5.25	79.59	19.27	6.42	92.45
b	Other Civil Works	34.75	7.81	173.12	61.35	10.00	224.47
c	Vehicles	0.09	2.07	20.02	-0.19	2.10	17.72
d	Furniture Fixtures	-0.15	-0.66	12.34	3.87	1.30	14.90
e	Office Equipments	0.34	0.07	2.44	-0.15	-0.05	2.34
	Grand Total	2,087.98	950.59	13,639.89	2,111.26	967.64	14,783.52

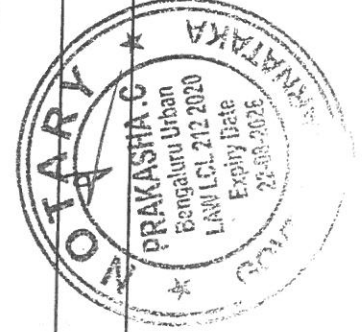


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Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Work-in-Progress

Description	FORM - T17		Rs. in Cr.
	2019-20 (Actuals)	2020-21 (Actuals)	
Opening balance	2,832.06	3,181.15	
Add:			
i) Capital expenditure	2050.76	2,049.79	
ii) Interest & Finance charges capitalised	106.86	97.25	
iii) Other expenses capitalised	74.01	64.28	
Total capital expenditure for the year	2231.63	2211.32	
Less: Expenditure Capitalised (Transferred to Form-T15/D15)	2128.12	2250.09	
Other Adjustments	245.57	372.30	
Closing Balance	3,181.15	3,514.68	



(Signature)

FINANCIAL ADVISOR
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Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Receivables against Sale of Power

DEMAND, COLLECTION AND BALANCE OF REVENUE FOR THE YEAR 2020-21 (Actual)

SL NO	NAME OF Company	OPENING BALANCE		FOR THE YEAR				CLOSING BALANCE	
		PRINCIPAL	INTEREST	DEMAND		COLLECTION		PRINCIPAL	INTEREST
				PRINCIPAL	INTEREST	PRINCIPAL	INTEREST		
1	BESCOM	432.96		1906.82		1713.45		626.33	
2	MESCOM	50.58		279.30		315.26		14.62	
3	CESC	105.71		420.95		485.63		41.02	
4	HESCOM	359.35		716.03		1075.38		0.00	
5	GESCOM	105.71		453.88		549.68		9.91	
7	Grand Total	1054.31		3776.96		4139.40		691.88	



ATTESTED BY ME

Prakashia C
PRAKASHIA. C, BA., LLB.,
ADVOCATE & NOTARY
16/2, 1st Cross, 2nd Main,
Basaveshwara Nagar
BENGALURU - 560 079

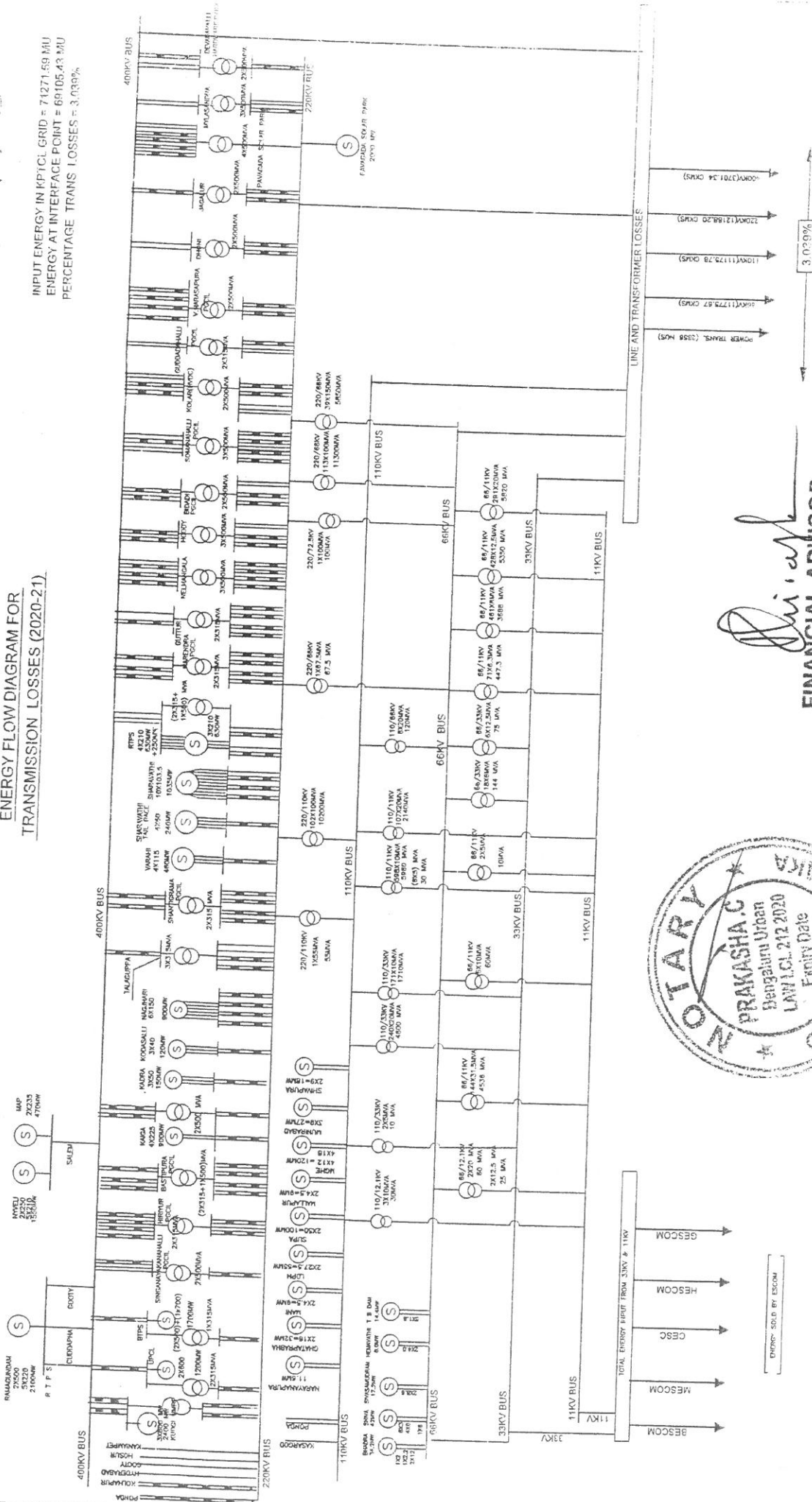
20 NOV 2021

Prakashia C
FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavan
Bengaluru - 560009

Form T-19

ENERGY FLOW DIAGRAM FOR TRANSMISSION LOSSES (2020-21)

INPUT ENERGY IN KPTCL GRID = 71271.59 MU
ENERGY AT INTERFACE POINT = 69105.43 MU
PERCENTAGE TRANS LOSSES = 3.039%



Dr. S. S. S.
FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri-Bhavan
 Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Existing Tariffs and Proposed Tariffs **Form-T20**

Sl. No	Type of Installation	Existing Tariffs FY 2019-20		Proposed Tariffs FY 2020-21	
		Transmission Charges / MW / Month	Energy Charges	Transmission Charges / MW / Month	Energy Charges
1	BESCOM				
2	MESCOM				
3	CESC				
4	HESCOM				
5	GESCOM				
	GRAND TOTAL				

Not Applicable

ATTESTED BY ME

Prakash C
PRAKASHA. C, BA., LL.B.,
ADVOCATE & NOTARY
EWS # 2 1st Cross, 2nd Main,
K... ..
BANGALURU - 560 079



26 NOV 2021

Director
FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavan
Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Existing Revenues and Proposed Revenues

Form-T21

Sl. No.	Type of installation	Existing Rates					Proposed Rates					Increase (%)	
		Energy Input (MU)	Energy Charge (p/KWh)	Monthly Demand Charge (Rs/KVA)	Fixed Charges Rs. Crs.	Variable Charges Rs. Crs.	TOTAL AMT (RS.CRS)	Energy Charge (Rs/KWh)	Monthly Demand Charge (Rs/KVA)	Fixed Charges Rs. Crs.	Variable Charges Rs. Crs.		TOTAL AMT (RS.Cr.)
1	BESCOM												
2	MESCOM												
3	HESCOM												
4	GESCOM												
5	Hukerii Rural Electrical Cooperative Society												
GRAND TOTAL													

Not Applicable



ATTESTED BY ME
P. Prakash
PRAKASHA. C, BA., LL.B.
ADVOCATE & NOTARY
EW 12, 1st Cross, 2nd Main,
Siddageshwara Nagar
BANGALURU - 560 079

Prakash
FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavan
Bengaluru - 560009

26 NOV 2021

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Embedded cost of service of supply of electricity

Form-T23

Sl. No.	Voltage / Consumer	Cost of Service of supply per Kwh					Total
		Item 1	Item 2	Item 3		
1		BESCOM					
2		GESCOM					
3		HESCOM					
4		MESCOM					
5		Hukerii Rural Electrical Cooperative Society					
							Not Applicable
							GRAND TOTAL

(Rs. in Crs)



FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavan
 Bengaluru - 560009

Statement Showing the Expenditure incurred in respect of Lines & Bays-2020-21

Activity - 1-400 KV

Activity 1	Maintenance expr	Emp cost	Admn expenses	Total
Bays	3 29 21 611	5 51 01 700	65 94 338	9 46 17 650
Lines	8 44 21 548	14 12 98 395	1 69 09 994	24 26 29 936
	11 73 43 159	19 64 00 095	2 35 04 332	33 72 47 586
				33 72 47 586

Activity - 2-220 KV

Activity 2	Maintenance expr	Emp cost	Admn expenses	Total
Bays	32 24 46 531	121 11 43 073	10 08 41 281	163 44 30 885
Lines	14 88 31 715	55 90 27 570	4 65 45 332	75 44 04 617
	47 12 78 247	177 01 70 644	14 73 86 612	238 88 35 503
				238 88 35 503

Activity - 3-110 KV

Activity 3	Maintenance expr	Emp cost	Admn expenses	Total
Bays	99 45 76 345	239 53 28 779	19 75 58 264	358 74 63 388
Lines	8 93 30 256	21 51 42 191	1 77 44 169	32 22 16 616
	108 39 06 601	261 04 70 969	21 53 02 433	390 96 80 004
				390 96 80 004

Activity - 4-66 KV

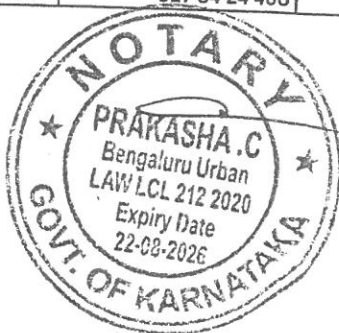
Activity 4	Maintenance expr	Emp cost	Admn expenses	Total
Bays	150 23 37 243	219 09 18 571	12 08 42 575	381 40 98 390
Lines	8 03 26 371	11 71 43 164	64 61 163	20 39 30 698
	158 26 63 614	230 80 61 735	12 73 03 738	401 80 29 087
				401 80 29 087

Note : Employee Cost & Administration Expenditure has been allocated in the ratio of Maintenance Expenditure of Bays & Lines

Expenditure incurred in respect of Major Works divisions & Administrative Offices

	Maintenance Expenditure	Employee cost	Admn Expenditure	Total Cost
	2 32 32 845	475 80 82 272	72 52 88 493	550 66 03 610

Expenditure as per P&L Account				
	327 84 24 466	1164 31 85 715	123 87 85 609	1616 03 95 790



ATTESTED BY ME
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