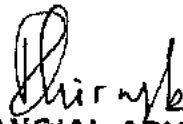


KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

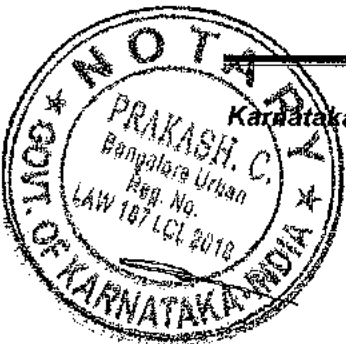


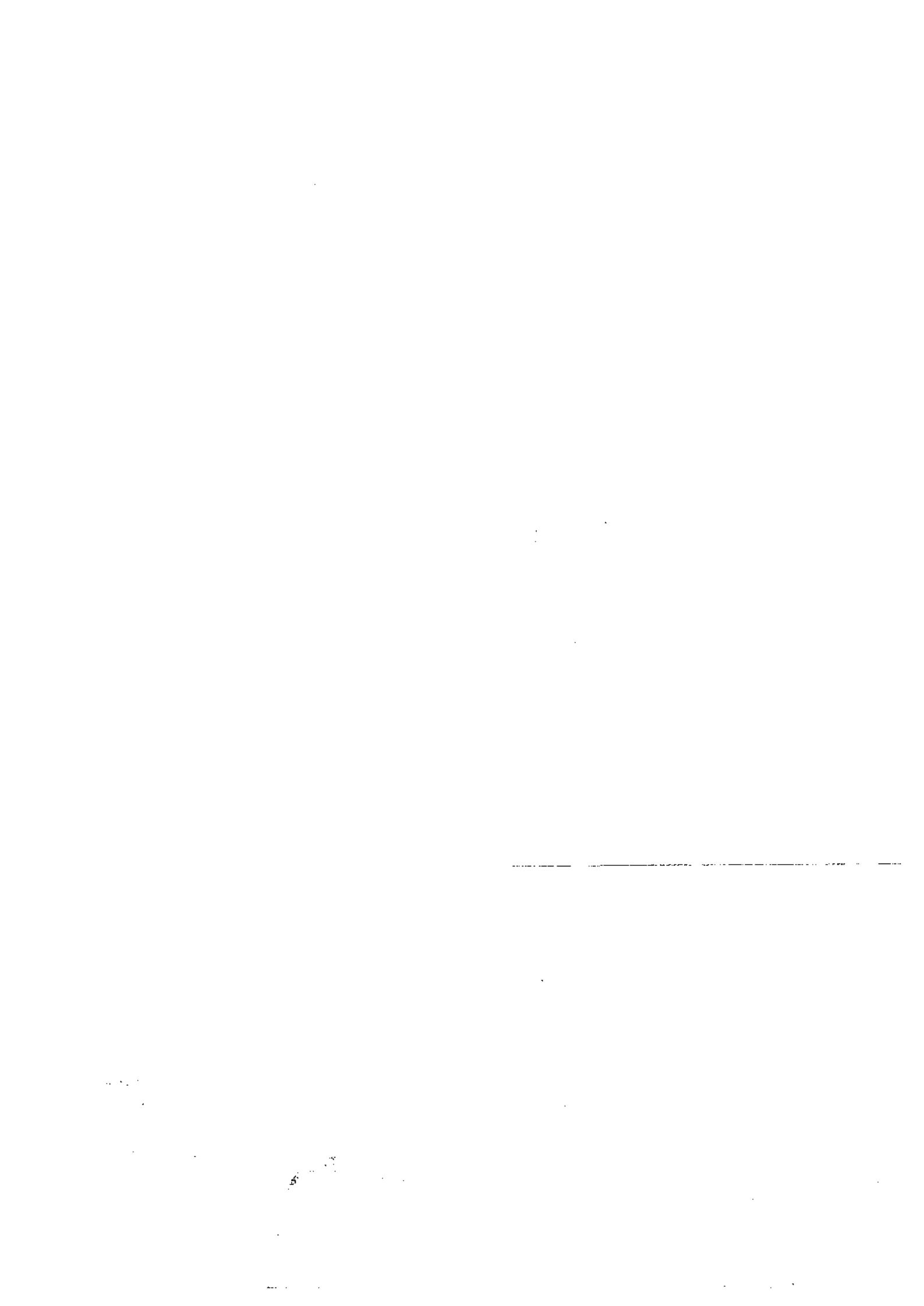
ANNUAL PERFORMANCE REVIEW 2019-20

NOVEMBER-2020


FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavani
Bengaluru - 560009

Karnataka Power Transmission Corporation Ltd





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

IN THE MATTER OF:

Application under Section 61, 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-20.

AND

IN THE MATTER OF

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

.....Applicant

AFFIDAVIT

1. I, Ruth George Mirajker, D/o George Mirajker, aged 57 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 Annexure for FY-20 having pages from 1- 71, is now shown to me and marked with letter "A" are true to my knowledge and statements made in schedule "A" are based on information I believe to be true.
4. Solemnly affirm at Bengaluru on this day 30th November 2020 that the contents of above affidavit are true to my knowledge. No part of it is false and no material concealed therefrom.

Bengaluru - 560009
Dated: 30.11.2020.

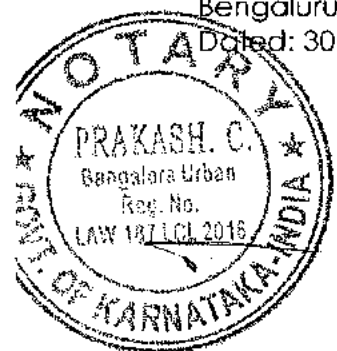
SWORN TO BEFORE ME

[Signature]
PRAKASH. C, B.A., LL.B.
ADVOCATE & NOTARY
EWS # 16/2, 1st Cross, 2nd Main
KHB, Basaveshwara Nagar
BENGALURU-560 079

30 NOV 2020

[Signature]
Deponent

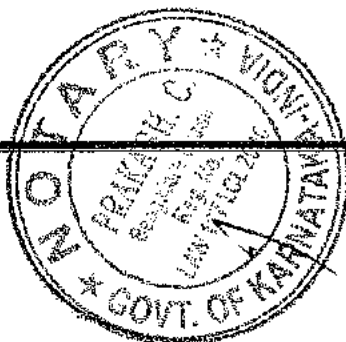
FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavan
Bengaluru - 560009



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Shirish
FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavari
 Bengaluru - 560009

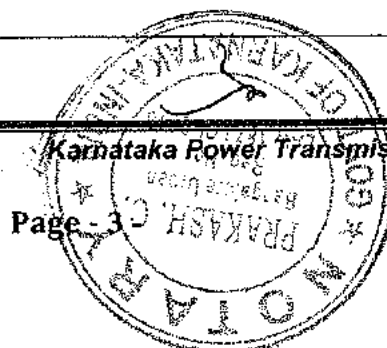
Karnataka Power Transmission Corporation Ltd

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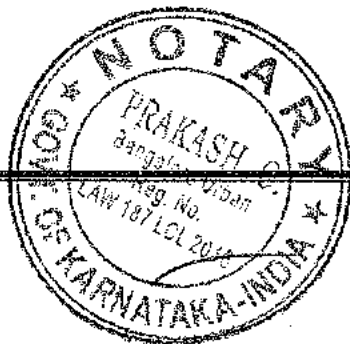

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Karnataka Power Transmission Corporation Ltd

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Shri. K. S. Shivaram
FINANCIAL ADVISOR

Regulatory Affairs

KPTCL, Kaveri Bhavani

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[Signature]
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 Regulatory Affairs
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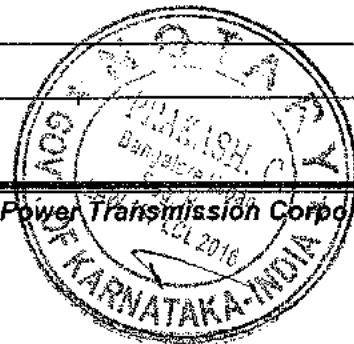
Karnataka Power Transmission Corporation Ltd

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

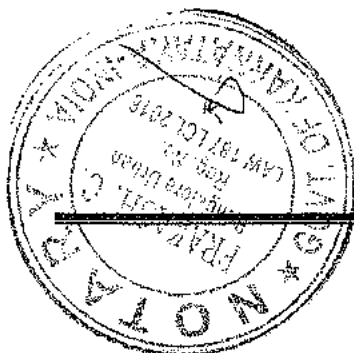

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Karnataka Power Transmission Corporation Ltd



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


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 Regulatory Affairs
 KPTCL, Kaveri Bhavan
 Bengaluru - 560009



Karnataka Power Transmission Corporation Ltd

"A"

BEFORE THE HON'BLE KARNATAKA ELECTRICITY REGULATORY COMMISSION
AT BENGALURU

IN THE MATTER OF:

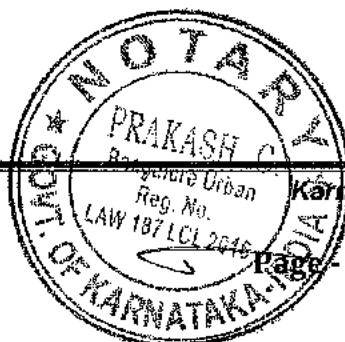
Application under Section 61, 62 and 64 of Electricity Act 2003 read with relevant KERC (Tariff) Regulations-2000 and amendments, KERC (Terms and conditions for determination of transmission Tariff) Regulations-2006 and amendments, for the purpose of Annual Performance Review of Transmission Licensee-KPTCL, based on Provisional Annual Accounts of KPTCL for FY-20.

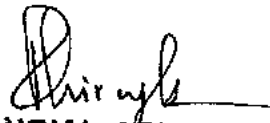
Karnataka Power Transmission Corporation Ltd. (KPTCL),
Kaveri Bhavan,
Bangalore – 560 009

..... Applicant

KPTCL most respectfully submits the Statement of Annual Revenue Requirement for FY 2019-20 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 61, 62 and 64 of 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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Regulatory Affairs
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Karnataka Power Transmission Corporation Ltd

CHAPTER 1

1.0. ANNUAL PERFORMANCE REVIEW (APR) FOR FY20

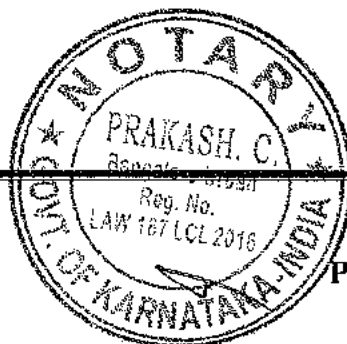
1.1 APR FILING REQUIREMENT

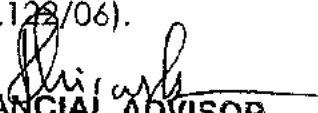
In terms of Section 61, 62 and 64 of the Electricity Act 2003 read with KERC (Terms and conditions for determination of transmission Tariff) Regulations 2006, the Annual Revenue Requirement for FY20 is being submitted under Multi Year Tariff Principles for the purpose of Annual Performance Review (APR) by the Hon'ble Commission.

1.2 The formats prescribed in KERC (Tariff) Regulations-2000 (and its subsequent amendments) as applicable for ERC and ARR filing are enclosed along with this application duly furnishing the details for the financial year 2019-20. Provisional Annual Accounts of KPTCL for FY-20 furnished to KERC vide letter No. KPTCL/B36/11064/2020-21/1175 dated 27.11.2020. The details of income from transmission charges and the expenditure as per the Provisional Accounts of KPTCL for FY-20 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 20.

1.4 The Financial Advisor, Regulatory Affairs, KPTCL is authorized to sign and file the petition for Annual Performance Review of FY20 before the Hon'ble Commission on behalf of KPTCL during its Board of Directors meeting held on 30.11.2020 (vide subject No.128/06).

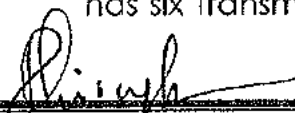


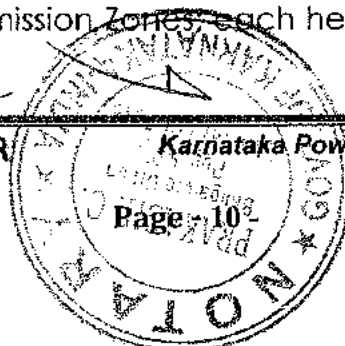

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Bangalore - 560009

Karnataka Power Transmission Corporation Ltd

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 ₹3000 Crore having paid up capital of ₹ 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.
- iii) KPTCL enables the ESCOMs to serve nearly 266 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 1222 Sub-stations with Transmission network of 37653 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,

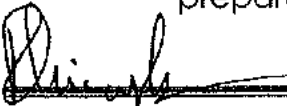

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Regulatory Affairs
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Bengaluru - 560009

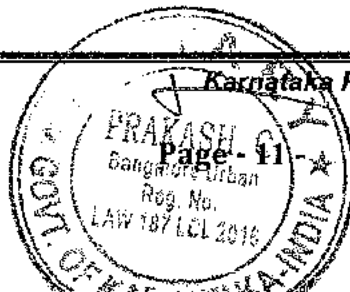


Karnataka Power Transmission Corporation Ltd

sixteen Circles, each headed by a Superintending Engineer, forty eight Divisions, each headed by an Executive Engineer. Maintenance of lines, stations and construction of transmission system are being looked after by the above officers.

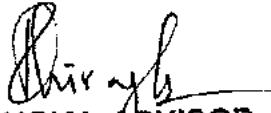
- iv) There are 33 Transmission line and Sub-Station maintenance Divisions (TL&SS) in KPTCL which are involved in the operation and maintenance of the transmission system in Karnataka. Besides, there are 15 Major Works Division which takes care of construction activities related to intra-state Transmission 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 interface meters on periodical basis.
- vi) Separate Hotline Circle is established with 2 Hotline Divisions and 6 Subdivisions to facilitate live line work (without taking LC) using hot stick method for replacing punctured/ broken insulator / deteriorated jumps and establish connectivity of receiving station / substation .
- vii) KPTCL's Finance and Accounts are managed by the Accounts and Resources wing headed by Financial Advisor (Accounts & Resources). There are 80 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.


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Regulatory Affairs
KPTCL, Kaveri Bhavari
Bengaluru - 560009



Karnataka Power Transmission Corporation Ltd

- 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). Also Periodical Regulatory Awareness programs for Officers of KPTCL are conducted at Zonal Level.
- xi) The main source of revenue of KPTCL is transmission charge. The annual income of the company was ₹ 3819.84 Crore, during 2019-20 as per Provisional Annual Accounts.
- xii) The total installed substation capacity of the State as on 31.3.2020 was 65676 MVA (2741 Transformers). The peak load met was 13258 MW on 16.03.2020 during the year 2019-20.


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Regulatory Affairs
KPTCL, Kaveri Bhavan
Bengaluru - 560009




MISSION STATEMENT

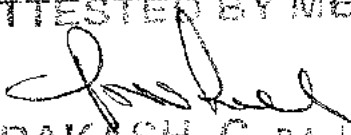
The mission of Karnataka Power Transmission Corporation Limited (KPTCL) is to ensure reliable quality power to its customers at competitive prices. The KPTCL is committed to achieve this mission through:

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

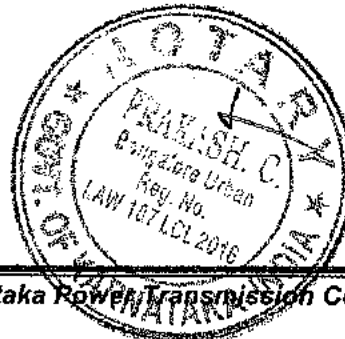
To be the best Transmission Utility in the Country, the KPTCL pledges to optimize its human and technical resources for the benefit of all its customers.


FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavan
Bengaluru - 560009

ATTESTED BY ME


PRAKASH, C. B.A., LL.B.
ADVOCATE & NOTARY
EW'S # 16/2, 1st Cross, 2nd Main
KHD Basaveswara Nagar
BENGALURU-560 079

3 0 NOV 2020



Karnataka Power Transmission Corporation Ltd

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.

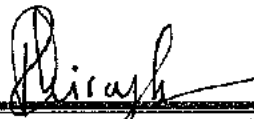
The Commission, in the Tariff Order dated 30th May 2019 issued the following directives for compliance by KPTCL;

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

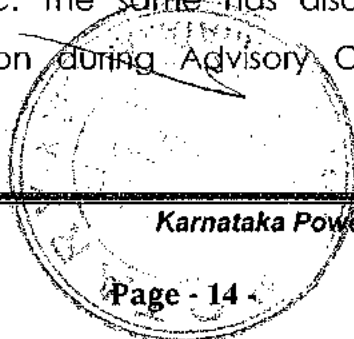
KPTCL to take timely action to restore any failed capacitors and submit monthly status report thereon to the Commission, regularly. Also to furnish details of reactive energy charges paid to the CTU every month and action plan restoring the balance failed capacitors.

Compliance:

The Transmission Zone Chief Engineers are taking timely action to restore the failed capacitors, as and when they are failed. Month-wise details of status of capacitor banks are being periodically submitted to KERC. The same has also been reviewed by the Hon'ble Commission during Advisory Committee meetings and



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Regulatory Affairs
KPTCL, Kaveri Bhavart
Bengaluru - 560009



Karnataka Power Transmission Corporation Ltd

observations thereon have also been complied with. Statement showing month wise details of reactive energy charges received / paid has been sent to KERC vide letter No. KPTCL/B36/2020/1479/1137 dated 20.11.2020.

2.2 Directive: Transmission System Availability – Monthly Report:

The Commission directed KPTCL.


- a) To ensure availability of transmission network duly augmenting the network wherever necessary.
- b) To submit the monthly report of transmission system availability duly certified by SLDC regularly to the Commission.

Compliance:

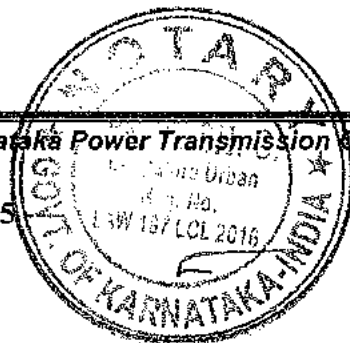
- a) KPTCL as per its Annual Program of Works has taken up augmentation of the network wherever necessary and it is an ongoing process.
- b) KPTCL is regularly submitting the Transmission System availability details month on month to the Commission. For the financial year ending 31.03.2020 KPTCL has sent System availability certified by SLDC to KERC vide letter No. KPTCL/B36/2019-20/1485/1105 dated 18.11.2020.

2.3 Directive: Implementation of Intra State ABT:

The KERC directed KPTCL to submit the impact of implementation of Intra-State ABT to the Commission from the date of implementation, every month regularly.


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Regulatory Affairs
KPTCL, Kaveri Bhavart
Bengaluru - 560009

Karnataka Power Transmission Corporation Ltd
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Compliance:

- a) SLDC is updating the details of generation of power source wise and outages source wise and also interruption occurring in each major sub-station and lines in the daily load curve which is uploaded in the KPTCL - SLDC website on a daily basis.
- b) The details of State over draws for FY 20 have been sent to Commission vide letter No. KPTCL/B36 / 2020/1479/1137 dated 20.11.2020.

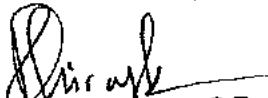
2.6 Directive: Capital Works Programme

The Commission reiterates its directive that KPTCL shall continue

- a) To submit the details of Capital Expenditure incurred and capitalization of assets to undertake necessary prudence check during the annual performance review.
- b) To maintain separate accounts with respect to the costs incurred in respect to the costs incurred in respect of lines and bays.

Compliance:

- a) KPTCL has submitted a list of zone wise completed Commissioned and categorized works costing more than ₹ 3 Cr for FY 19 and FY 20 vide Letter No. KPTCL/B36/2019-20/11058/691 dated 31.08.2020. Also post commissioning analysis of the same vide letter no KPTCL/B36/2019-20/11058/868 dated 30.09.2020 to facilitate Prudence check during Annual Performance Review.


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Regulatory Affairs
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Bengaluru - 560009


Karnataka Power Transmission Corporation Ltd

- b) Costs incurred in respect of lines and bays are furnished based on the Audited Accounts for FY-20 and enclosed as **Annexure -1** to this application.

2.7 Directive on study conducted (Man Power Study):

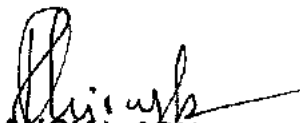
KPTCL shall ensure implementation of a proper manpower planning strategy with a view to ensure optimum use of human resources and to minimize the operational costs and submit compliance thereon to the Commission within three months from the date of the Order.

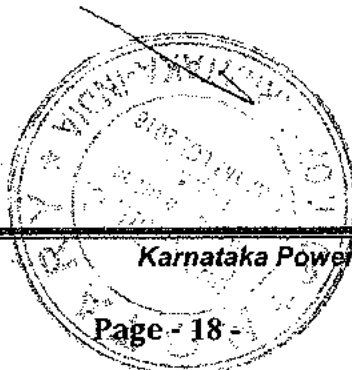
Compliance:

The existing study report by ASCI was 8 years old (i.e 2012), based on studies conducted from 2009 data. KPTCL had taken certain measures to reduce the staff based on the existing report as informed to the Commission in the previous APR filing. However, KPTCL has added many substations and transmission lines to its network after 2012. Further KPTCL is in the process of implementing ERP programme. Keeping in view of these developments, KPTCL has decided to conduct a fresh manpower study by a suitable agency.

2.8 Directive to prevent electrical accidents


- a) KPTCL shall take necessary measures to speed up the work of rectification of hazardous locations
- b) KPTCL to regularly submit its action plan for prevention of electrical accidents in the transmission line and substations.

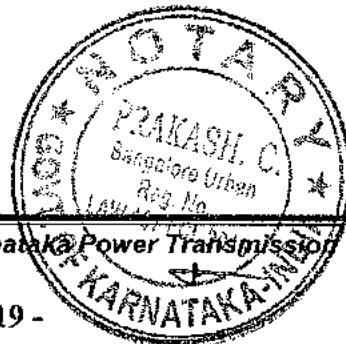

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Compliance:

The Zonal Chief Engineers are regularly monitoring works related to rectification of hazardous locations. Zone-wise Action Plan for prevention of Electrical Accidents was furnished to the Hon'ble Commission vide letter No. KPTCL/B36/2019-20/1495/160 dated 22.05.2020.


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CHAPTER – 3

3.0 Energy Transmission and Losses in FY20:

Total Energy input to KPTCL's transmission system during FY20 was 75128.910 MU and the energy transmitted @ IF points with ESCOM's was 72777.872 MU resulting in transmission loss of 3.129 %. Actual Voltage wise losses are noted below;

Table- 1

Voltage Wise Transmission Losses (%) for FY 20


400 KV	0.288
220 KV	1.507
110 KV	0.393
66 KV	0.941

Table- 2

Trajectory of Transmission Losses (%) – FY20

	Approved in T.O 30.05.2019	As per Actuals
Upper Limit	3.212	3.129
Average	3.162	
Lower limit	3.112	

The details of Transmission losses for FY 20 has been furnished to KERC vide letter KPTCL/B36//2019-20/1502/377 dated 30.06.2020.


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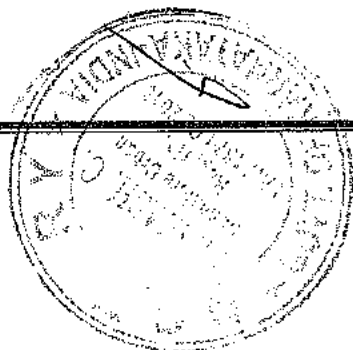

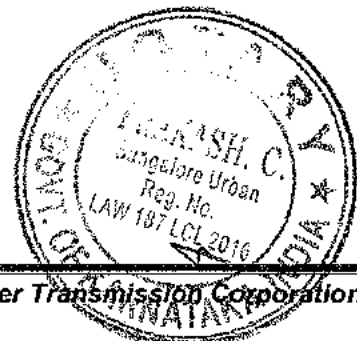


Table- 3
System Availability for FY-20

System Availability	Target Availability as per KERC MYT Regulations	Actual
Percentage	98%	99.42%

The details of Transmission system availability for FY 20 has been furnished to KERC vide letter KPTCL/B36//2019-20/1485/1105 dated 18.11.2020. 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

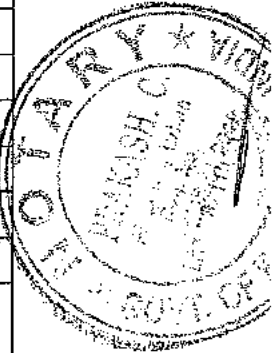
4.0 PERFORMANCE OF KPTCL FOR 2019-20

4.1 Financial Performance of KPTCL for FY20

Table- 4

(Amount in ₹ Crore)

Sl No	Particulars	Actual as per Provisional Accounts for FY20
1	Operation and Maintenance Cost:	
a)	Employee cost	1217.85
b)	Repairs and Maintenance cost	305.64
c)	Administration and General expenses	141.35
	Total O & M Expenses	1664.84
2	Depreciation	855.15
3	Finance costs	532.45
4	Interest on working capital	32.32
5	Return on equity	771.39
6	Other debits , if any	4.54
7	Tax expense	603.98
	TOTAL Expenditure	4464.67
	Less	
8	Interest and finance charges capitalized	106.86
9	Other expenses capitalized	72.93
10	Other Income (After deducting Deprecation on assets created out of consumer contribution of ₹ 98.57 Cr)	127.49
11	Net ARR	4157.39
12	Revenue from Transmission Charges	3593.79
13	Revenue Gap	563.60



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Table- 5
Total Revenue for FY 20

(Amount in ₹ Crore)

Particulars	2019-20
Revenue from Transmission Operation	3593.79
Other Income	226.06
Total Income	3819.85

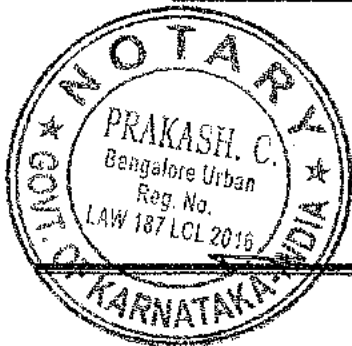
4.2 CAPITAL WORKS – ACHIEVEMENTS for FY20

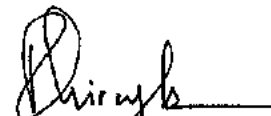
During the year 2019-20 the following works were completed.

Table- 6
Capital Works – FY20

Particulars	2019-20	
	Target	Achievement
Stations (Nos)	40	32
Lines (Ckms)	886	794
Augmentation(Nos)	80	84

Capital Expenditure	2019-20
As per Audited Accounts (₹ in Crore)	2231.63




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Table- 7

Station Works Completed During FY-20

Particulars	Achievement (No's)	MVA Added
400 kV	01	1000.00
220kV	03	800.00
110 kV	09	110.00
66 kV	19	231.50
Total	32	2141.50

Table- 8

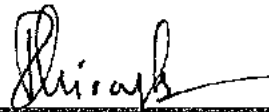
Length of Line constructed during FY-20 (In Ckt. Kms)

Particulars	Achievement Ckt.Kms
400 kV	130
220 kV	106
110 kV	203
66 kV	355
Total	794

Table-9

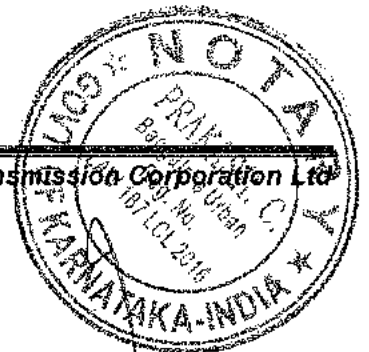
Augmentation works – FY-20

Particulars	Achievement (Nos)
220 kV	01
110 kV	23
66 kV	60
Total	84



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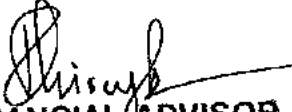
CHAPTER – 5

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 FY20 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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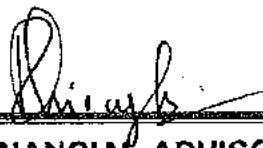
5.1 Rationale for Capital investment Programme

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 2019-20 has constructed substations at voltage levels of 400kV, 220, 110 and 66 kV to meet the additional loads and to improve the voltage conditions. In addition to this, as many as 84 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 purpose, the actual costs incurred for transmission operation need



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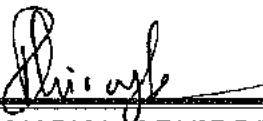
to be allowed for recovery from its consumers i.e. mainly the Five ESCOMs of the State. It is also necessary that these ESCOMs pay the transmission charges regularly as per the tariff orders passed by the Hon'ble Commission and in accordance with the Power Transmission Agreement. Of late ESCOM's are not paying transmission charges on priority. Transmission charges of Rs.1095 Cr. is due from ESCOMs as on 31.10.2020. The Hon'ble Commission may kindly direct the ESCOMs to adhere to monthly payment of Transmission charges in terms of the Tariff Order issued by this Hon'ble Commission.

Table- 10

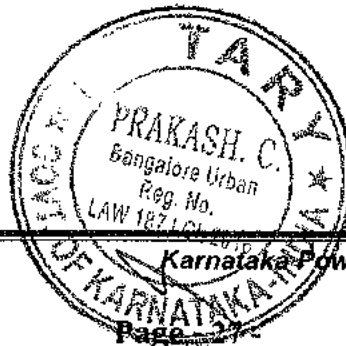
Summary of KPTCL's Financial Performance for FY20

(Amount in ₹ Crore)		
SI No	Particulars	Amount ₹ in Crore
1	Revenue Earned from transmission operation	3593.79
2	Annual Revenue Requirement	4157.39
3	Revenue Gap (2-1)	563.60

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 ₹ 563.60 Cr. Hence, the Commission may kindly allow the Revenue Gap to be recovered from ESCOMs in FY 2021-22.



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CHAPTER 6

6.0 BREAK UP OF TRANSMISSION EXPENSES FOR FY19

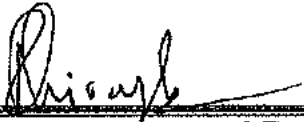
6.1 Repairs and Maintenance Expenses:

The R & M expenses incurred for the year is ₹ 305.64 Crore. R&M Expenses for FY19 was ₹ 273.08 Crore(as per published audited accounts of FY 19) which shows an increase of ₹ 32.56 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.

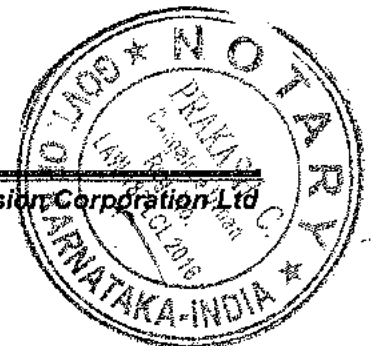
Table- 11
Repairs and Maintenance Expenses for FY20

(Amount in ₹ Crore)		
SI No	Particulars	2019-20
1	Plant and Machinery Transformers:	256.49
2	Lines, Cable Network, etc	32.64
3	Buildings	12.10
4	Civil works	7.01
5	Vehicles	0.35
6	Furniture & Fixtures	0.02
7	Office Equipment	0.50
	TOTAL	309.10
	Less: Expenses shared by ESCOMs	3.46
	TOTAL	305.64

R & M expenses included in ARR is ₹ 305.64 Crores.


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6.2 Employee Costs:

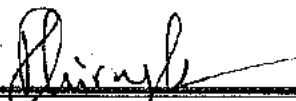
Employee cost incurred for FY-20 as per provisional Annual Accounts is ₹1154.68 Crore. For FY-19, it was ₹1144.34 Crore (as per published audited accounts of FY 19). There is an increase of ₹10.34 Crore over previous year which is slightly less than 1% increase.

The details of the Employee Costs are shown below:

Table- 12
Employees Cost details – FY20

SI No	Particulars	2019-20
		Amount in ₹ Crore.
1	Salaries (Basic Pay)	893.75
2	Bonus and Exgratia	7.29
3.	Earned Leave Encashment	74.66
4	Medical expenses reimbursement	7.00
5	Payment to Helpers (Monsoon gang)	0.05
6	Terminal Benefits	0.83
7	Terminal Benefits-NDCPS Employees	72.56
8	KPTCL contribution to P & G Trust	182.94
9	EPF contribution in respect of Contract employees	0.43
10	Pension and Leave Contribution made in respect of employees of other department	0.00
11	Other Allowances	1.82
12	Staff Welfare Expenses	0.03
13	Payment under Workmen Compensation Act	0.04
	Total	1241.40
	Less :	
14	Expenses shared by ESCOMs	23.45
15	Employee cost Capitalized	63.17
16.	KPTCL Portion of P & G Trust	0.1
	Net Amount	1154.68

Net Employee cost included in ARR is ₹ 1154.68 Crore.



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6.3 Administration and General Expenses

The A & G expenses incurred for the year is ₹ 141.35 Crore as per Provisional Annual Accounts for FY 20. The A&G expenses have increased by ₹ 15.52 Crore as compared to previous year's expense of ₹ 125.83 Crore (as per published audited accounts of FY 19). The increase is mainly due to increase in Taxes. Details of A&G Expenses are provided in form T- 7 of the filing. Net Administration and General Expenses included in ARR is ₹ 131.60 Crore. (Rs. 141.35 Cr. – Rs. 9.75 Cr capitalized cost)

Note : The comparative figures for Employees Cost, R & M and A & G expenses are shown as per the Published audited accounts for FY 19. However due to IND AS requirements certain items have been restated and shown in the present Annual Accounts. Note 37.4 in the provisional Accounts provides the details of restatement.


6.4 Operation and Maintenance Expenses under MYT Regulations

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

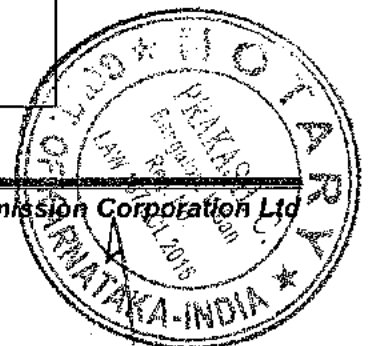
Table- 13

**O&M Expenses as per Norms for FY-20 as Per KERC Order
dated 30.05.2019**

Particulars	2019-20
○ & M Expenses for lines (in ₹ Thousand/km)	116.84
○ & M Expenses for bay (in ₹ Thousand/ bay)	436.05


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- b) The details of circuit kilometers of transmission lines and bay details as on 31.03.2020 are given below.

Table-14**Voltage class wise Transmission Lines as on 31.03.2020**

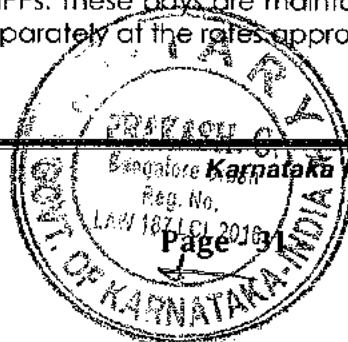
Voltage Class	Transmission lines (in Ckms)
400 kV	3699
220 kV	11609
110 kV	10915
66 kV	11430
TOTAL	37653

Table- 15**Number of Bays as on 31.03.2020**

Type	No.
Line Bay	5661
Transformer bay	2695
PT Bay	1690
Capacitor Bank Bay	1069
11 kV Bay	12952
Total	24067

Note : The Number of bays shown in Table 15 does not include 530 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 20

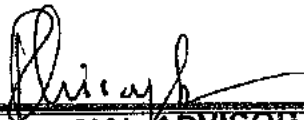
Particulars	Rate	Qty	O&M Costs (₹ in Crore)
O&M Expenses for lines (in ₹ Lakhs/km)	1.17	37653	440.54
O&M Expenses for bays (in ₹ Lakhs/ bay)	4.36	24067	1049.32
Total			1489.86

But the Actual O & M Expenses as per Provisional Accounts works out to ₹ 1591.92 Cr (1154.68 + 305.64+131.60). As per KERC (Terms and conditions of tariff) (second amendment) Regulations the O & M Expenses to be worked out as under:

Table- 17

Uncontrollable O & M costs

SL No.	Particulars	Amt in ₹ Cr
1.	Additional O & M Expenses on account of P & G contribution	182.94
2.	Earned leave encashment	74.66
	TOTAL	257.60


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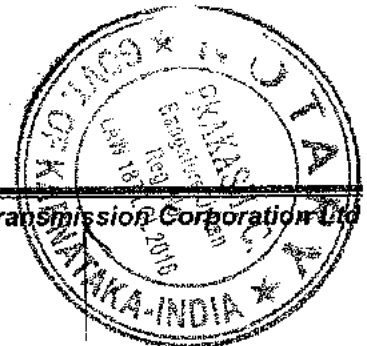


Table 18

Allowable O & M Expenses for FY20 as per norms

SL No.	Particulars	Amt in ₹ Cr
1.	O & M Costs as per Norms	1489.86
2.	Un controllable O & M Costs	257.60
	TOTAL	1747.46

Allowable O & M Expenses as per norms is ₹ 1747.46 Cr. However KPTCL requests the Hon'ble Commission to allow O & M expenses of ₹ 1592.92 Cr as per Actual.

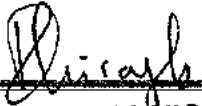
6.5 Depreciation

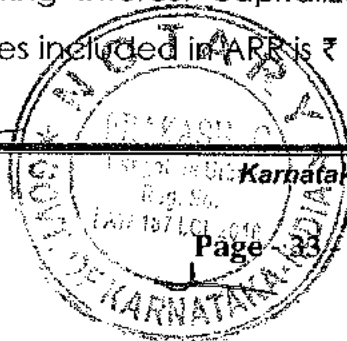
The Depreciation as per the Provisional Accounts for FY 20 is ₹ 953.72 Crore. ₹ 953.72 Cr includes an amount of ₹ 98.57 Cr being depreciation on assets created out of consumer contribution. Hence an amount of ₹ 855.15 Cr (953.72-98.57) only is claimed in ARR. The details of depreciation are indicated in form T-8.

The Hon'ble Commission is requested to consider the actual amount of depreciation of ₹ 855.15 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 20 is ₹ 564.77 Crore. The details of loan availed and interest costs are shown in prescribed form T-9. After considering interest capitalization amount of ₹ 106.86, the interest charges included in ARR is ₹ 457.91 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 and amount of ₹ 457.91 Cr in ARR.

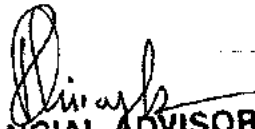
6.7 Return On Equity:

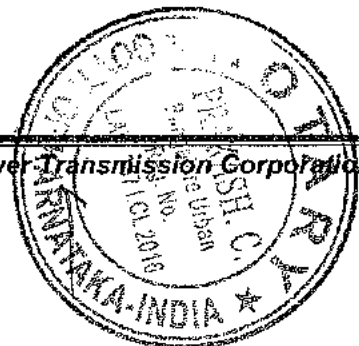
The Hon'ble Commission in its Order dated 30.05.2019, has worked out Return on Equity @ 15.5% on the Equity and Reserves & Surplus. On the same lines, RoE has been worked out for FY20 and included in the Annual Revenue Requirement for FY20 as under.

Table- 19
RoE Calculations for FY20

(Amount ₹ 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% (Approved amount is inclusive of MAT)	843.36	771.39


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CHAPTER – 7

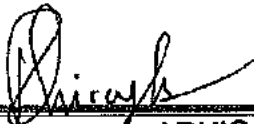
7.0 Annual Revenue Requirement of KPTCL

7.1 Annual Revenue Requirement of KPTCL for FY20 (as per Actuals):

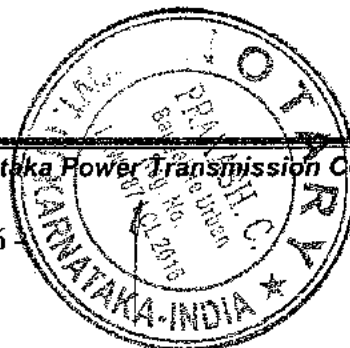
The revised annual revenue requirement of KPTCL for FY20 based on Audited Accounts for FY20 are furnished in the following tables:

Table- 21
Annual Revenue Requirement of KPTCL for FY20

(Amount in ₹ Crore)	
Particulars	2019-20
Revenue from Transmission of Power	3593.79
Other income	226.06
Total Revenue	3819.85
Expenditure	
Repairs and Maintenance	305.64
Employees Costs	1217.85
A & G Expenses	141.35
Depreciation	855.15
Finance costs	564.77
RoE @ 15.5%	771.39
Income tax	603.98
Other debits	4.54
Total Expenditure	4464.67
Less	
Interest and finance charges capitalized	106.86
Other expenses capitalized	72.93
Other income (After deducting Deprecation on assets created out of consumer contribution of ₹ 98.57 Cr)(226.06-98.57)	127.49
Net ARR	4157.39


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7.2 Over all Gap for inclusion in Tariff for FY-20

(Amount in ₹ Crore)

1. Revenue Gap as per APR FY-20.	563.60
2. Add: Amortized Regulatory Asset as per KERC order dated:19.10.2020 (Recoverable for FY 22)	331.41
3. Interest on M/s. TBPCL amount for the period from April-2020 to Oct-2020.	37.37
Over all Gap	932.38

7.3 Recovery of Transmission Charges:

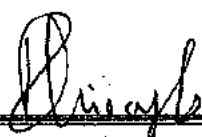
KPTCL is placing its actual transmission costs with a request to approve the same in the foregoing paragraphs. KPTCL has furnished details of various costs. KPTCL respectfully submits before this Hon'ble Commission to consider the revenue requirement which is based on the Provisional Annual Accounts for FY20.

7.4 Revenue from Transmission Charges:

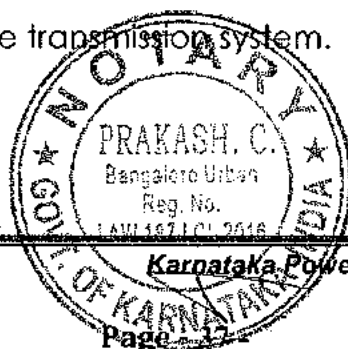
As KPTCL is a Transmission Company with effect from 10th June 2005, its revenue is mainly from transmission charges and Open access charges. Total Revenue indicated includes revenue from transmission charges, open access charges and non-tariff income.

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 from users of the transmission system.



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Bengaluru - 560009



Karnataka Power Transmission Corporation Ltd

Page 12

The following table provides the details of Revenue Account for FY 20.

Table-22
REVENUE ACCOUNT


(Amount in ₹ Crore)

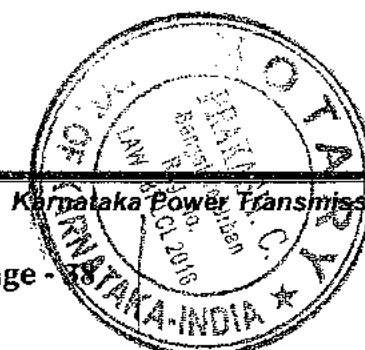
1. Revenue from Transmission of power	3593.79
2. Net ARR as per Audited Accounts	4157.39
Revenue deficit for FY20 (2-1)	563.60
3. Add: Amortized Regulatory Asset as per KERC order dated:19.10.2020 (Recoverable For FY 22)	331.41
4. Interest on M/s. TBPCL amount for the period from April-2020 to Oct-2020	37.37
Over all Gap	932.38

KPTCL requests Hon'ble Commission to approve the overall gap for FY 20.

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.


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Karnataka Power Transmission Corporation Ltd

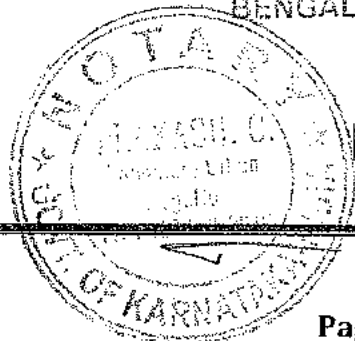
8.0 PRAYER

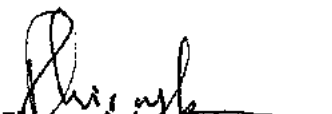
KPTCL respectfully prays the Hon'ble Commission to consider and approve the following:-

- a) The Actual ARR of KPTCL for FY-20 based on the Provisional Annual Accounts and to allow efficiency gains.
- b) To allow recovery of Gap of ₹ 932.38 Cr. (which includes Amortized amount of ₹ 331.41 Cr towards Regulatory Asset as per KERC order dated: 19.10.2020 and ₹ 37.37 Cr towards interest on M/s.TBPCL amount for the period from April-2020 to Oct-2020) along with ₹ 563.60 Cr Revenue Gap as per APR FY-20. from ESCOMs w.e.f 01.04.2021.
- c) To modify the short term open access charges to be recovered from 01.04.2021.
- d) To allow recovery of actual SLDC charges of ₹ 28.17 Cr.

ATTESTED BY ME


PRAKASH. G., BA., LL.B.
ADVOCATE & NOTARY
EWS : 13/2, 1st Cross, 2nd Main
KRB, Basaveshwara Nagar
BENGALURU-560 079



For KPTCL,

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

Karnataka Power Transmission Corporation Ltd




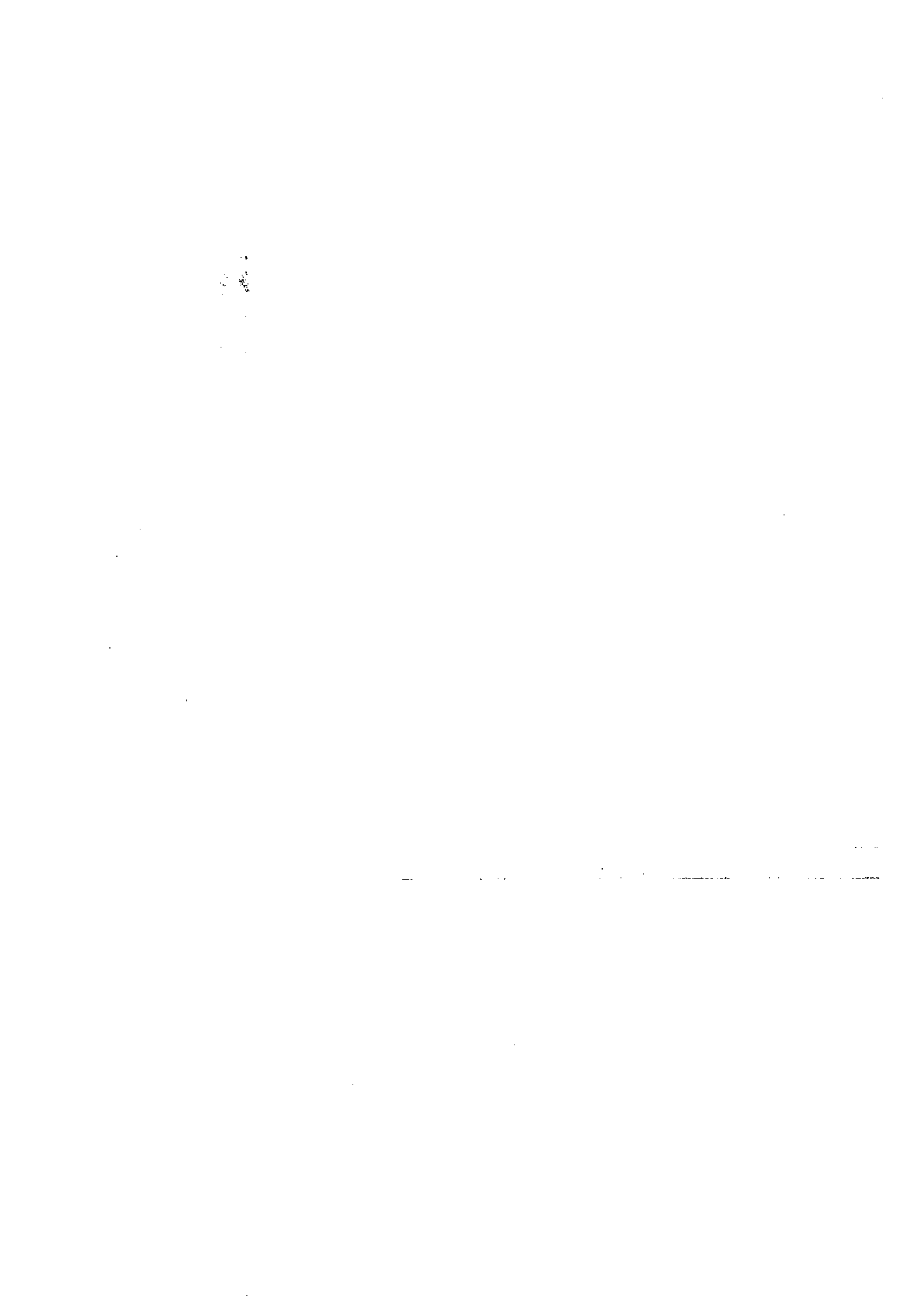
Karnataka Power Transmission Corporation Limited

Annual Performance Review - 2019-20

FORMS A1 to A5 and T1 to T23




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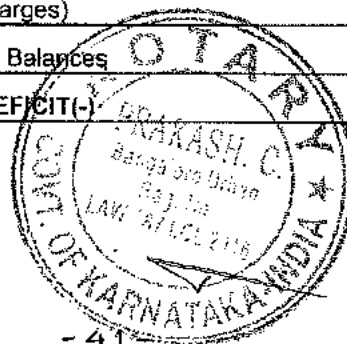
KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Form A1

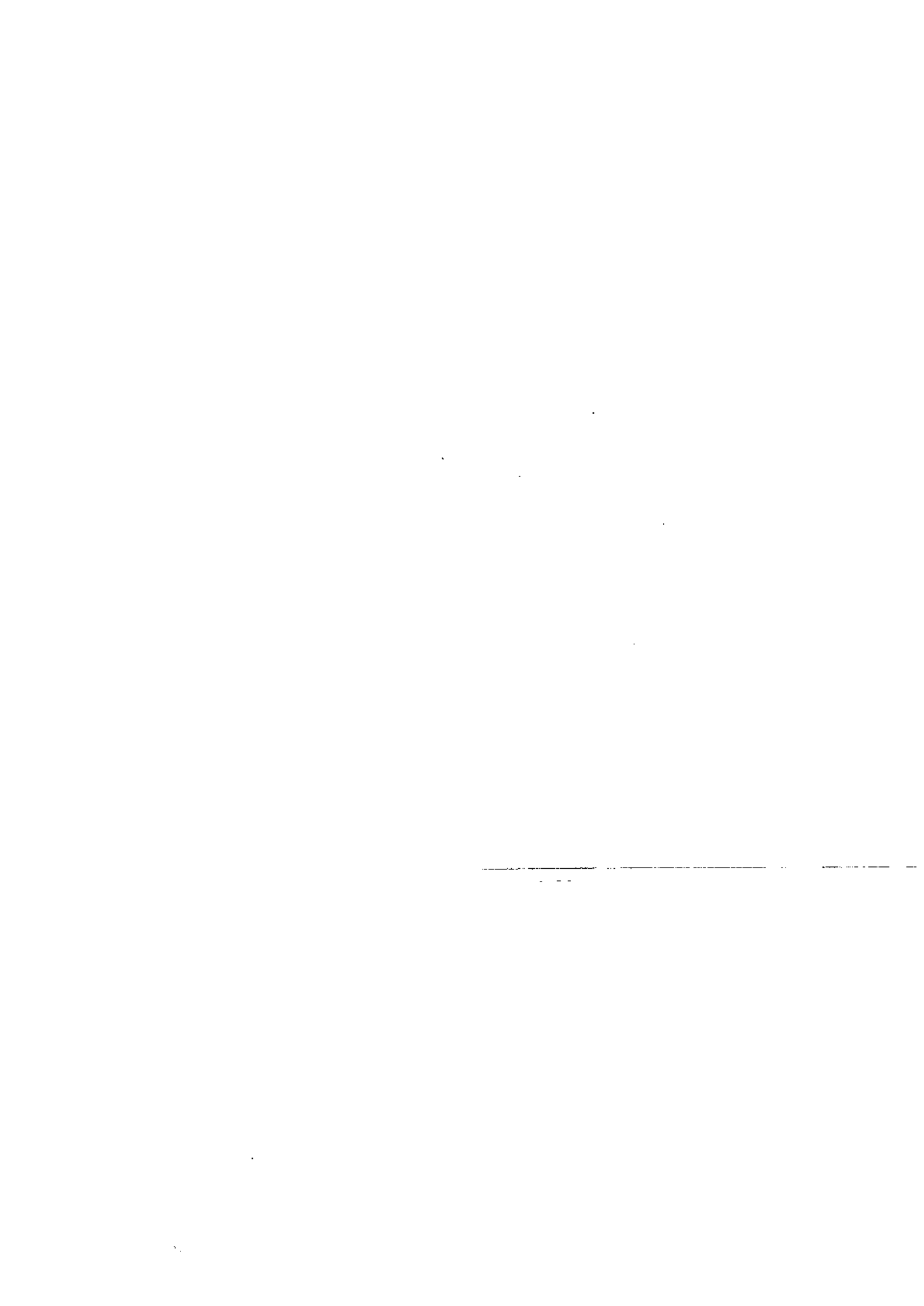
PROFIT & LOSS ACCOUNT

Rs. in Cr

Ref Form- No	PARTICULARS	2018-19 (Actual)	2019-20 (Actuals)
T1/D1	ENERGY AVAILABLE FOR TRANSMISSION (MU)	76145	75125
T2/D2	ENERGY SOLD AT INTERFACE POINT (MU)	73739	72777.87
	Transmission Loss in MUs	2407	2351
	Transmission Loss in %	3.16	3.13
	Installed Capacity in MW	20825	21725
	INCOME		
T2/D2	REVENUE FROM SALE OF POWER - Transmission Charges	2952.12	3593.75
T3/D3	REV SUBSIDIES & GRANTS *		
T4/D4	OTHER INCOME	178.77	226.06
	TOTAL	3130.89	3819.85
	EXPENDITURE		
T1/D1	POWER PURCHASE		
T5/D5	REPAIRS & MAINTENANCE	271.58	305.64
T6/D6	EMPLOYEES COSTS	1337.95	1217.85
T7/D7	ADM & GENERAL EXPENSES	126.69	141.35
T8/D8	DEPRECIATION AND RELATED DTS	855.31	954.81
T9/D9	INTEREST & FINANCE CHARGES	469.29	564.77
	SUB-TOTAL	3060.82	3184.40
T10/D10	LESS: EXPENSES CAPITALISED:		
	-INTEREST & FINANCE CHARGES CAPITALISED	77.75	106.86
	-OTHER EXPENSES CAPITALISED	65.55	74.01
	SUB-TOTAL	143.30	180.87
T11/D11	OTHER DEBITS (incl. Bad debts)	9.76	4.54
T12/D12	EXTRAORDINARY ITEMS / EXCEPTIONAL ITEMS	0.00	0.00
	TOTAL EXPENDITURE	2927.28	3008.07
	ROE		
	PROFIT (LOSS) BEFORE TAX	203.61	811.78
	PROVISION FOR TAXATION	125.92	603.97
	PROFIT (LOSS) AFTER TAX	77.69	207.81
T13/D13	NET PRIOR PERIOD CREDITS /(Charges)	0.00	0.00
	Net Movement in Regulatory Deferral Balances	0.00	436.71
	SURPLUS/DEFICIT(-)	77.69	644.52



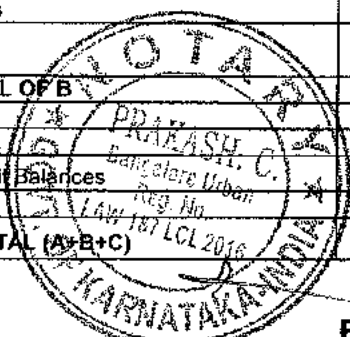
Prakash C.
FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavani
 Bengaluru - 560009

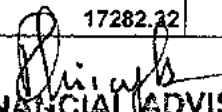


KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Form A2
BALANCE SHEET AS AT THE END OF THE YEAR

Rs. in Cr.

Ref Form- No	PARTICULARS	2018-19 (Actual)	2019-20 (Actuals)
	A. Equity and Liability:		
	Shareholders Funds	2182.32	2182.32
	Reserves & Surplus	2149.88	2794.36
	Equity Infusion (Shares pending allotment)	0.00	0.00
T14/D14	Contributions, Grants & Subsidies towards Cost of Capital Assets	805.63	914.06
	Total A	5137.83	5890.74
	B. Non-Current Liabilities		
T9/D9	Long Term Borrowings	5991.74	6700.76
	Deffered Tax Liability	950.84	1334.36
	Other non Current Liabilities	836.33	2865.10
	Long Term Provisions	226.68	293.99
	Total Non-Current Liabilities B	8005.59	11194.22
	C. Current Liabilities		
T9/D9	Short term Borrowings	150.00	800.00
	Trade Paybles	684.27	384.43
	Other Current Liabilities	1658.61	1559.95
	Short Term Provisions	1102.17	1028.31
	Total Current Liabilities C	3595.05	3772.69
	D. Regulatory Deferral Account		
	Regulatory Deferral Account Credit Balances	543.84	0.00
	GRAND TOTAL (A+B+C+D)	17282.32	20857.66
	APPLICATION OF FUNDS:		
	ASSETS		
	A. FIXED ASSETS:		
T15/D15	a) Tangible assets - Gross Block	19597.26	21663.72
T8/D8	b) LESS:Accumulated Depreciation	7548.05	8450.64
T16/D16	c) Tangible Assets - Net Fixed Assets	12049.21	13213.08
	Intangible Assets	1.09	0.84
T17/D17	d) Capital Work-in-Progress	3222.91	3519.23
	e) Long Term Loans & Advances		
	f) Other Non-Current Assets	290.90	374.82
	TOTAL A (a to i)	15564.12	17107.97
	Subsidy Receivable from Government		
	B. CURRENT ASSETS		
	a) Inventories	72.93	84.96
	b) Trade Receivables	676.96	1063.17
	c) Cash & Cash Equivalents	159.71	205.22
	d) Short Term Loans & Advances	1.19	18.79
	e) Other Current Assets	263.57	283.74
	TOTAL OF B	1174.36	1655.91
	C. Regulatory Deferral Account		
	Regulatory Deferral Account Debit Balances	543.84	2093.78
	GRAND TOTAL (A+B+C)	17282.22	20857.66



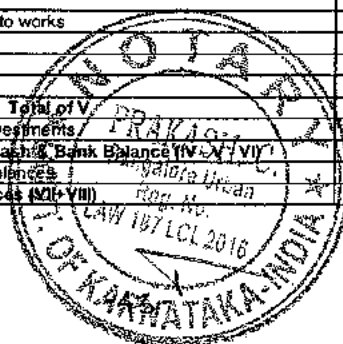

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 Regulatory Affairs
 KPTCL, Kaveri Bhavari
 Bengaluru - 560009.

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
CASH FLOW STATEMENT FOR THE YEAR

Form A3

Rs. in Cr.

SL NO	PARTICULARS	2018-19 (Actual)	2019-20 (Actuals)
	I Net Funds from Operations:		
A	Net Funds from Earnings:		
1	Net Profit	77.69	644.49
	Less:		
2	Subsidy and Grants		
3	Income Tax payment during the year		
	Total of A	77.69	644.49
B	ADD: Debits to Revenue Account not requiring Cash Outflow:		
	(i) Depreciation	855.31	954.81
	(ii) Amortisation of Deferred Cost		
	(iii) Amortisation of Intangible Assets		
	(iv) Investment Allowance Reserve		
	(v) Others, if any.		
	Total of B	855.31	954.81
C	LESS: Credits to Revenue Account not involving Cash Receipts:		
	Depreciation withdrawn (prior period)		
	Other withdrawl of Depreciation	-57.25	-52.21
	Total of C	-57.25	-52.21
1	Net Funds from Earnings (A+B-C)	990.25	1651.51
2	Contributions, Grants and Subsidies towards Cost of Capital Assets	96.18	108.42
3	Security Deposit from consumers		
4	Proceeds from disposal of Fixed Assets		
5	Total Funds from Operations (1+2+3+4)	1086.43	1759.93
6	Net Increase/(Decrease) in Working Capital:		
	A. Increase/(Decrease) in Current Assets:		
	a) Inventories	12.12	12.05
	b) Receivables against sale of power	15.01	386.21
	c) Loans and Advances	0.30	17.60
	d) Sundry Receivables	521.52	1506.91
	Total of A	548.96	1922.77
	B. Increase/(Decrease) in Current Liabilities:		
	a) Borrowings for working capital		
	b) Other Current liabilities - Power purchase	-26.34	-299.84
	- Others	465.53	1647.03
	Total of B	439.19	1347.19
	Net Increase/(Decrease) in Working Capital (A - B)	109.77	575.56
7	Net Funds from Operations before Subsidies & Grants (5-B)	976.66	1184.35
8	Receipts from Revenue Subsidies and Grants		
Total	Net Funds from Operations including Subsidies & Grants (7+8)	976.66	1184.35
II	Net Increase/(Decrease) in Capital Liabilities:		
	A. Fresh Borrowings:		
	(a) State Loans		
	(b) Foreign currency Loans/Credits		
	(c) Other Borrowings	1375.00	1442.00
	Total of A	1375.00	1442.00
	B. Repayments:		
	Repayment of Principal		
	(a) State Loans		
	(b) Foreign currency Loans/Credits		
	(c) Other Borrowings	590.19	732.96
	Total of B	590.19	732.96
	Net Increase/(Decrease) in Capital Liabilities (A - B)	784.81	709.04
III	Increase/(Decrease) in Equity Capital	0.00	0.00
	Increase/(Decrease) Deferred tax liability	52.61	383.52
IV	Total Funds available for Capital Expenditure (I+II+III)	1814.09	2276.91
V	Funds Utilised on Capital Expenditure:		
	(a) On Projects	1873.92	2231.63
	(b) Released Assets reissued to works		
	Other		
	(c) Intangible Assets	1.09	-0.25
	(d) Deferred Costs		
	Total of V	1875.01	2231.39
VI	Net Increase/(Decrease) in Investments		
VII	Net Increase/(Decrease) in Cash & Bank Balance (IV-VI)	-60.92	45.52
VIII	Add: Opening Cash & Bank balances	220.62	159.71
IX	Closing Cash & Bank Balances (VII+VIII)	159.70	205.23



Prakash
FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavari


KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

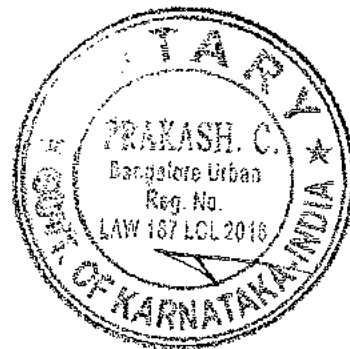
Aggregate Revenue Requirement

Form A4

Rs. In Crore

Sl. No.	Item	Ref Form No	2018-19 (Actual)	2019-20 (Actuals)
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	3,171.61	3,584.50
4.	Other Income	A-1	178.77	226.06
5.	Aggregate Revenue (2+3-4)		2,992.84	3,358.43
6.	Net Prior Period Credits		-	-
7.	Annual Revenue Requirement (5)-(6)		2,992.84	3,358.43


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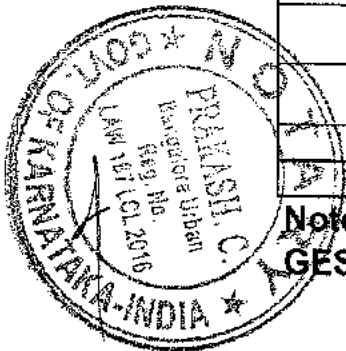
KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Revenue Requirement - Capital Base

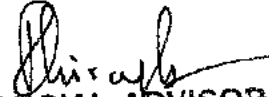
Form A5

Rs. in Cr.

SI No	Data Required	Ref Form No.	2018-19 (Actual)	2019-20 (Actuals)	
1	(a) Original cost of fixed assets (at the beginning of the year)	D15	N/A		
	(b) Cost of intangible assets				
	(c) The original cost of work in progress	D17			
	(d) The amount of investment compulsorily made under para-IV of the Sixth Schedule				
	(e) An amount on account of working capital equal to the sum of :				
	(e) i	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) ii	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)			
		Sum of above			
		Less			
	2	i) The amounts written off or set aside on account of depreciation of fixed assets.		D8	N/A
ii) The amount of any loan or subvention from the State Government		D9			
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.					
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 / BESCO / HESCO / MESCOM / GESCO and other sucessor entities of KEB




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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

FORM - T1
(Rs. In Crore)

Purchased Power-Current Year -FY2018-19 (Actual)															
Sl No	Source	Units purchased (M.U.)	Fixed Charges per annum * (Rs in Crs)	Variable charge (Paise/kwh)								Total Cost of Power at each interface point. (Rs in Crs)			Average rate (Paise/kwh)
				Variable charge	Fuel escalation charge	Incentive payment	Wheeling charge	Electricity Duty	Air & Water Consent Fee	Other Charges	Total variable charge	Fixed charges	Variable charges	Total	
TOTAL															

Purchased Power-Current Year -FY2019-20 (Actual)															
Sl No	Source	Units purchased (M.U.)	Fixed Charges per annum * (Rs in Crs)	Variable charge (Paise/kwh)								Total Cost of Power at each interface point. (Rs in Crs)			Average rate (Paise/kwh)
				Variable charge	Fuel escalation charge	Incentive payment	Wheeling charge	Electricity Duty	Air & Water Consent Fee	Other Charges	Total variable charge	Fixed charges	Variable charges	Total	
TOTAL															

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

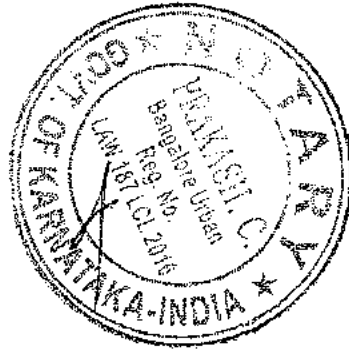
Form T2

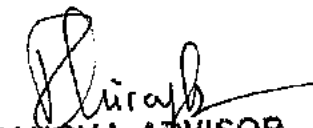
Revenue - Transmission Charges

(Rs. In Crore)

Category	Consumer Category Particulars	2018-19 (Actual)				2019-20 (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	3	4	5	6	7	8	9	10
	Revenue from sale of power to ESCOMs								
	BESCOM		10323.25	1,528.66	123399		11046	1,776.75	134042
	MESCOM		1615	224.37	115776		1615	264.49	136474
	CESC		2252	312.87	115776		2422	396.45	136405
	HESCOM		4084.25	555.72	113388		4085	709.83	144804
	GESCOM		2550	354.27	115776		2550	431.26	140936
	Hukkeri Co-Op Society								
	Sub-Total		20825	2975.91	119,087		21718	3579.13	137,333
	Inter State Sale of Power								
	MTOA								
	ISTS Charges			63.99					
	Other Income			30.63				-30.43	
	Total Interstate Sale of Power			94.63				17.54	
	Wheeling Charges & open access charges			32.97				-12.89	
	Misc.							27.55	
	Withdrawal of Revenue Demand			-151.38				0.00	
	Sub-Total - Misc. Rev			-118.41				27.55	
	Grand Total		20825	2952.12			21718	3593.79	

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

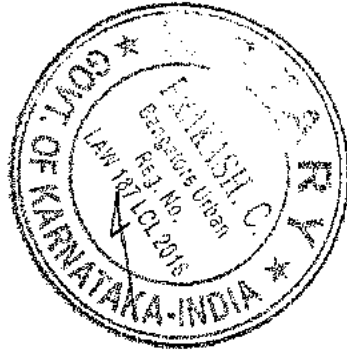
Revenue Subsidies and Grants

Form T3

Rs. In Crore

SI No	Particulars	Rs. In Crore	
		2018-19 (Actual)	2019-20 (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		

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[Signature]
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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

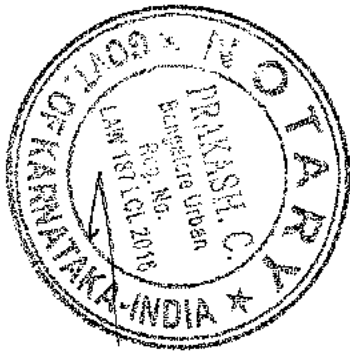
Non-Tariff Income (Other Income)

Form T4

Rs. In Crore

Sl No	Particulars	2018-19 (Actual)	2019-20 (Actuals)
1	Interest on staff loans and advances	0.04	0.00
2	Income from Investments:	5.01	3.34
a	Interest on securities		
b	Interest on Bank fixed deposits	4.99	1.59
c	Income on other investments	0.00	1.74
d	Interest on loans/advances to suppliers/ Contractors	0.00	0.00
e	Interest from Banks	0.02	0.01
f	Interest on loans to Societies		
3	Income from Trading:	8.04	3.96
a	Profit on sale, hire etc of apparatus	6.96	2.36
b	Hire charges from Contractotrs	0.00	0.00
c	Profit on sale of stores	0.91	1.59
d	Sale of Scrap	0.16	0.00
e	Other Misc Receipts from trading	0.00	0.00
4	Income/Fees collections against staff welfare activities:		
a	Recoveries for transport facilities		
5	Miscellaneous Receipts:	165.67	218.76
a	Rental from Staff Quarters	10.11	10.01
b	Rental from others	20.58	15.92
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		
i	Misc. recoveries	72.05	98.57
j	Excess provision in earlier years no longer required	62.07	81.93
		0.86	12.36
	Grand Total	178.77	226.06

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Prakash
FINANCIAL ADVISOR

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Bengaluru - 560009

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Repairs and Maintenance Costs

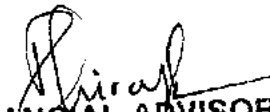
Form T5

Rs. In Crore

Sl No	Particulars	2018-19 (Actual)			2019-20 (Actuals)		
		Consum-ption of stores	Other expe-nses	Total	Consum-ption of stores	Other expe-nses	Total
	Repairs and Maintenance to:						
1	Plant and Machinery		223.90	223.90		243.49	243.49
	Transformers:						
2	(a) repairs and maintenance made departmentally		8.39	8.39		13.00	13.00
	(b) repairs and maintenance by private agencies						
3	Buildings		9.83	9.83		12.10	12.10
4	Other civil works		5.60	5.60		7.01	7.01
5	Hydraulic works			-			-
6	Lines, Cable Network, etc		25.42	25.42		32.64	32.64
				-			-
7	Vehicles		0.36	0.36		0.35	0.35
8	Furniture & Fixtures		0.01	0.01		0.02	0.02
9	Office Equipments		0.55	0.55		0.50	0.50
				-			-
	Total		274.07	274.07		309.10	309.10
11	Others - Expenses shared by ESCOMs		2.49	2.49		3.46	3.46
	Grand Total		271.58	271.58		305.65	305.64

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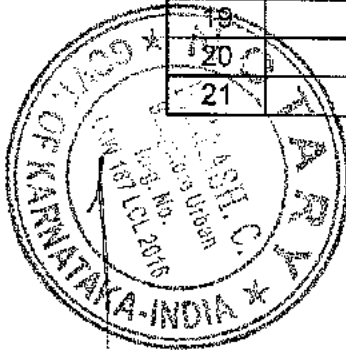

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Employee Costs

Form-T6

Rs. in Cr.

SI No	Particulars	2018-19 (Actual)	2019-20 (Actuals)
1	Basic Pay	639.74	702.98
2	Double Wages	13.55	12.00
3	Dearness Allowance	39.43	68.41
4	Other Allowances	103.90	110.35
5	Bonus	7.59	7.29
6	Sub-Total (1 to 5)	804.22	901.04
7	Medical Expenses	7.00	7.00
8	Leave travel Assistance	-	-
9	Earned Leave Encashment	114.68	74.66
10	Payment under Workmen's Compensation Act	0.19	0.04
11	Payment to Helpers	0.30	0.06
12	Total Other staff costs (7 to .10)	122.18	81.75
13	Staff Welfare expenses	0.99	1.07
14	Fees for Training - Courses held by Outsiders	0.29	0.33
15	Training Expenses for Trainees	0.71	0.42
16	Terminal Benefits	434.31	256.79
17	Sub-total (12 to 15)	436.30	258.62
18	Grand Total	1362.70	1241.41
19	Less Expenses Shared by ESCOMs	24.65	23.45
20	Less: KPTCL Portion of P&G Trust	0.10	0.10
21	Grand Total	1337.95	1217.85



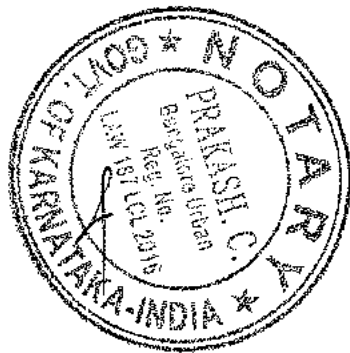
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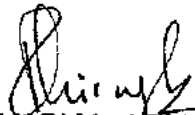
KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Employees Costs - Additional information

Sl No	Category of employee	2018-19 (RE)			2019-20 (Actuals)		
		Number		Cost	Number		Cost
		Sanct- ioned	Working	Rs in Crores	Sanct- ioned	Working	Rs in Crores
1	Board of directors	5	5	1.43	5	5	1.47
2	Chief Engineer & equivalents	16	16	10.77	16	16	11.46
3	Superintending Engineers & equivalents	57	57	16.85	57	57	17.92
4	Executive Engineers & equivalents	211	211	33.78	211	211	35.93
5	Asst Executive Engineers & equivalents	978	978	220.92	978	978	234.96
6	Asst Engineers & equivalents	1499	1499	96.62	1499	1499	102.76
7	All other staff	13668	8234	522.27	13668	9881	555.47
8	Terminal Benefits			434.31			256.79
9	Others			0.99			1.07
	Total	16434	11000	1337.95	16434	12647	1217.85
	Grand Total	16434	11000	1337.95	16434	12647	1217.85

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Administration and General Charges

Form-T7

Rs. in Cr.

Sl No	Particulars	2018-19 (Actual)	2019-20 (Actuals)
1	Rents, Rates and Taxes	19.55	10.81
2	Security arrangements	6.75	8.89
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	3.63	3.53
5	V-sat, Internet and related charges	6.85	7.57
6	Legal charges	1.66	2.54
7	Audit Fee	0.23	0.27
8	Consultancy charges	0.33	0.16
9	Technical Fee	0.01	-
10	Other professional charges	18.75	19.40
11	Travelling expenses, Conveyance and vehicle hire charges	32.08	36.90
12	Conveyance and vehicle hire charges		
12	Sub-total	89.85	90.05
13	Other expenses		
a	Fees & subscription & License Fees	0.49	1.69
b	Books & periodicals	0.05	0.05
c	Computer Stationary	0.57	0.56
d	Printing & Stationery	1.86	1.97
e	Advertisements	3.20	3.73
f	Contribution/Donations	0.23	0.23
g	Electricity charges	20.10	22.60
h	Water charges	1.93	0.98
i	Entertainment	0.01	0.01
j	Misc expenditure	16.56	28.38
	Total other expenses	45.01	60.19
14	Freight & Other purchase related expenses	0.32	0.42
	GRAND TOTAL	135.18	150.66
	Less: Expenses shared by ESCOMs	8.48	9.31
	KPTCL Portion of P&G Trust	0.01	0.01
	Grand Total	126.69	141.34

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

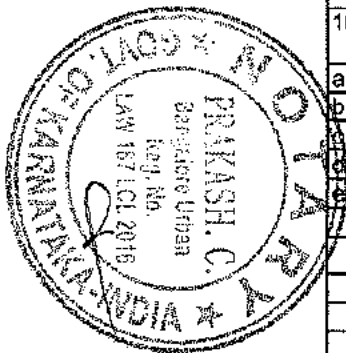
Depreciation

Form T8

Rs. In Crore

Sl No	Particulars of assets	2018-19 (Actual)			2019-20 (Actuals)		
		Depreciation / Adjustment 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		0.32	(0.08)		0.08	-
1a	Amortisation of Lease hold Assets	0.65	-0.65	-	0.61	(0.61)	-
2.	Building and structures	20.08	-0.55	207.45	22.09	1.40	230.94
3.	Plant and Machinery Substation Transformers, Circuit breakers, other fixed apparatus of rating 100 MVA and above.	412.76	-63.62	4,048.18	456.19	44.25	4,460.12
4.	Substation Transformers, Circuit breakers, other fixed apparatus of rating below 100 MVA .	0		-	0		-
5.	Towers, Poles, fixture, overhead conductors and devices	409.78	3.98	3,213.95	459.70	6.27	3,667.39
6.	Underground cables and devices	0		-	0		-
7.	Service lines	0		-	0		-
8.	Service lines	0		-	0		-
9.	Misc equipment	0		-	0		-
10.	Other items	0		-	0		-
a	Hydraulic Works	4.76	0.20	32.05	5.44	0.30	37.19
b	Other Civil Works	5.23	4.13	27.64	7.05	0.00	34.69
	Vehicles	0.60	-0.37	5.28	2.30	0.23	7.35
	Furniture Fixtures	1.24	0.11	11.86	1.22	1.90	11.18
	Office Equipments	0.20	-0.80	1.72	0.21	0.14	1.80
	Grand Total	855.31	(57.25)	7,548.05	954.81	(52.21)	8,450.64
	Grand Total	855.31	(57.25)	7,548.05	954.81	(52.21)	8,450.64

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Loans and Debentures and interest charges

Form T9

Rs. In Crore

	Institution	Financial Year 2018-19 (Actual)					2019-20 (Actuals)						
		Opening Balance	New loan addition	Total loan at the end of the year	Repayment of principal	Interest for the year	Closing Bal	Opening Balance	New loan addition	Total loan at the end of the year	Repayment of principal	Interest for the year	Closing Bal
	GOK Loans												
1	Loans from REC-APDRP	0.00		0.00			0.00	0.00		0.00			0.00
2	Loans from Govt. - Un-Secured	2.98		2.98	0.59	0.32	2.39	2.39		2.39	0.6	0.26	1.79
	Total Govt. Loans	2.98		2.98	0.59	0.32	2.39	2.39		2.39	0.60	0.26	1.79
3	Loans from Others - Secured												
	State Bank of Mysore	610.00		610.00	75.71	48.03	534.29	534.29		534.29	85.72	41.54	448.57
	State Bank of India	803.00	75	878.00	0	71.33	878.00	878.00	210	1,088.00	87.80	71.49	1,000.20
	Punjab National Bank	300.00		300.00	0.00	24.94	300.00	300.00	400.00	700.00	30.00	33.81	670.00
	REC Ltd.,	4.73		4.73	4.73	0.13	(0.00)	(0.00)		(0.00)			(0.00)
	Commercial Banks					0.00							
	PFC	0.00		0.00			0.00	0.00		0.00			0.00
	Bank of Baroda								250	250.00		0.45	250.00
	Vijaya Bank	966.25		966.25	153.56	76.45	812.69	812.69		812.69	155.93	64.92	656.76
	Oriental Bank of Commerce												
	Bank of India	360.50	312	672.50	50.00	40.01	622.50	622.50		622.50	50.00	51.48	572.50
	Bank of Rajasthan												
	Indian Bank	139.99		139.99	30.00	10.70	109.99	109.99		109.99	29.99	8.55	80.00
	Loan from UCO BANK	200.00		200.00		17.01	200.00	200.00		200.00	20.00	16.60	180.00
	Jammu & Kashmir Bank	80.00	470	550.00		32.87	550.00	550.00		550.00		47.51	550.00
	Loan from Punjab & Sindh Bank	440.00		440.00	60.00	34.78	380.00	380.00		380.00	60.00	30.94	320.00
	Loan from Canara Bank	1,083.20	518.00	1,601.20	151.44	88.63	1,449.76	1,449.76	582.00	2,031.76	151.44	153.79	1,880.32
	Bank of Maharashtra												
	Corporation Bank	216.28		216.28	64.16	16.56	152.12	152.12		152.12	61.46	11.11	90.64
	Total Loans Secured	5203.95	1375.00	6578.95	589.60	461.44	5989.35	5989.35	1442.00	7431.36	732.36	532.19	8698.99
	Loans from Others - Unsecured												
	Private Placement of Bonds												
	Public Bonds												
	Loans from REC-Rationalised	(0.00)		(0.00)			(0.00)	(0.00)		(0.00)			(0.00)
	Commercial Banks (IP set loans)												(0.00)
4	Commercial Banks (SPA)	(0.00)		(0.00)			(0.00)	(0.00)		(0.00)			(0.00)
	Total Loans Un Secured	(0.00)		(0.00)			(0.00)	(0.00)		(0.00)			(0.00)
	Supplier Lines of Credit						(0.00)	(0.00)		(0.00)			(0.00)
5	Bills payable (JSL)												
	Bills payable (KECIL)												
	Bills payable (RPGT)												
	Other Financial Institutions												
	Others Finance Charges												
	Interest accrued and due												
	Total Suppliers Line of Credit												
7	TOTAL	5,206.93	1,375.00	6,581.93	590.19	461.76	5,991.74	5,991.74	1,442.00	7,433.74	732.96	532.45	6,700.78
	Others												
	Borrowing for W Cap												
	Loan on PP												
	Others												
	Lease/Sale & Leaseback of assets												
	IDBI (Lease finance)												
	IL&FS (Lease finance)												
	Short term loans/ borrowings for working capital												
	PFC												
	REC												
	Commercial Banks	158.33	343	501.33	351.33	7.54	150.00	150.00	1,300.00	1,450.00	650.00	32.32	800.00
	TOTAL Others	158.33	343.00	501.33	351.33	7.54	150.00	150.00	1,300.00	1,450.00	650.00	32.32	800.00
	TOTAL loan of KPTCL	5,365.26	1,718.00	7,083.26	941.52	469.29	6,141.74	6,141.74	2,742.00	8,883.74	1,382.96	564.77	7,500.78



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FINANCIAL ADVISOR
 Regulatory Affairs
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 Bengaluru - 560009

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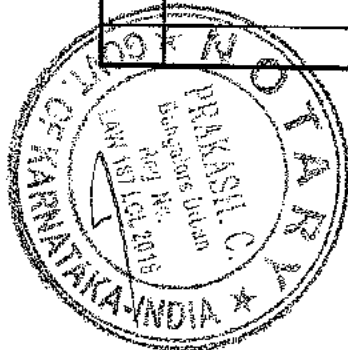
-55-

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

FORM - T 9A

Sale and Lease Back of Assets - Ensuing Year 2018-19 (Actual)								
								(Rs. in Crores)
Sl. No.	Particulars of Assets	Year of Acquisition	Original Cost of the Asset	Year of Sale	Book value at the time of the sale	Period of Lease (Years)	Annual Lease payments	Remarks
	Transformers accessories circuit breakers				NIL			
	Total							
Sale and Lease Back of Assets - Ensuing Year 2019-20 (Actual)								
								(Rs. in Crores)
Sl. No.	Particulars of Assets	Year of Acquisition	Original Cost of the Asset	Year of Sale	Book value at the time of the sale	Period of Lease (Years)	Annual Lease payments	Remarks
	Transformers accessories circuit breakers				NIL			
	Total							

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Shri. M. B. Bhevar
FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhevar
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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Details of Expenses Capitalised

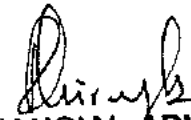
Form T10

Rs. In Crore

Sl No	Particulars	2018-19 (Actual)	2019-20 (Actuals)
1	Interest & Finance charges Capitalised	77.75	106.86
2	Other expenses capitalised:		
a	Employee Costs	54.28	63.17
b	Administration and General Expenses	10.06	9.75
c	Repairs and maintenance	0.65	0.01
d	Depreciation	0.56	1.08
e	Others, if any		
	Total of 2	65.55	74.01
	Grand Total	143.30	180.87

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

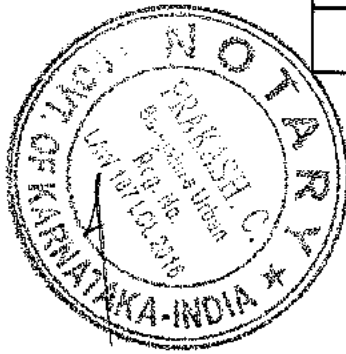
Other Debits

FORM - T11

Rs. in Cr.

Sl No	Particulars	2018-19 (Actual)	2019-20 (Actuals)
1	Material Cost Variance		
2	Research & Development Expenses		
3	Cost of Trading & Manufacturing		
4	Bad & Doubtful Debts provided		0.00
5	Miscellaneous Losses & write off	3.19	1.87
6	Intangible assets written off		
7	Sundry Expenses writtenoff		
8	Others	6.57	2.67
9			
10			
	Grand Total	9.76	4.54

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FINANCIAL ADVISOR
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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

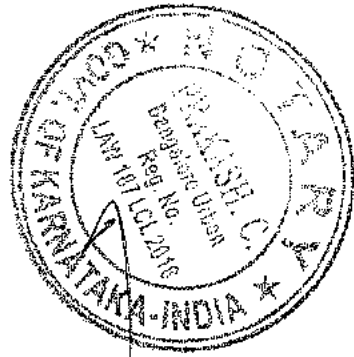
Extraordinary items / Exceptional Items

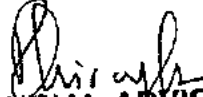
FORM - T12

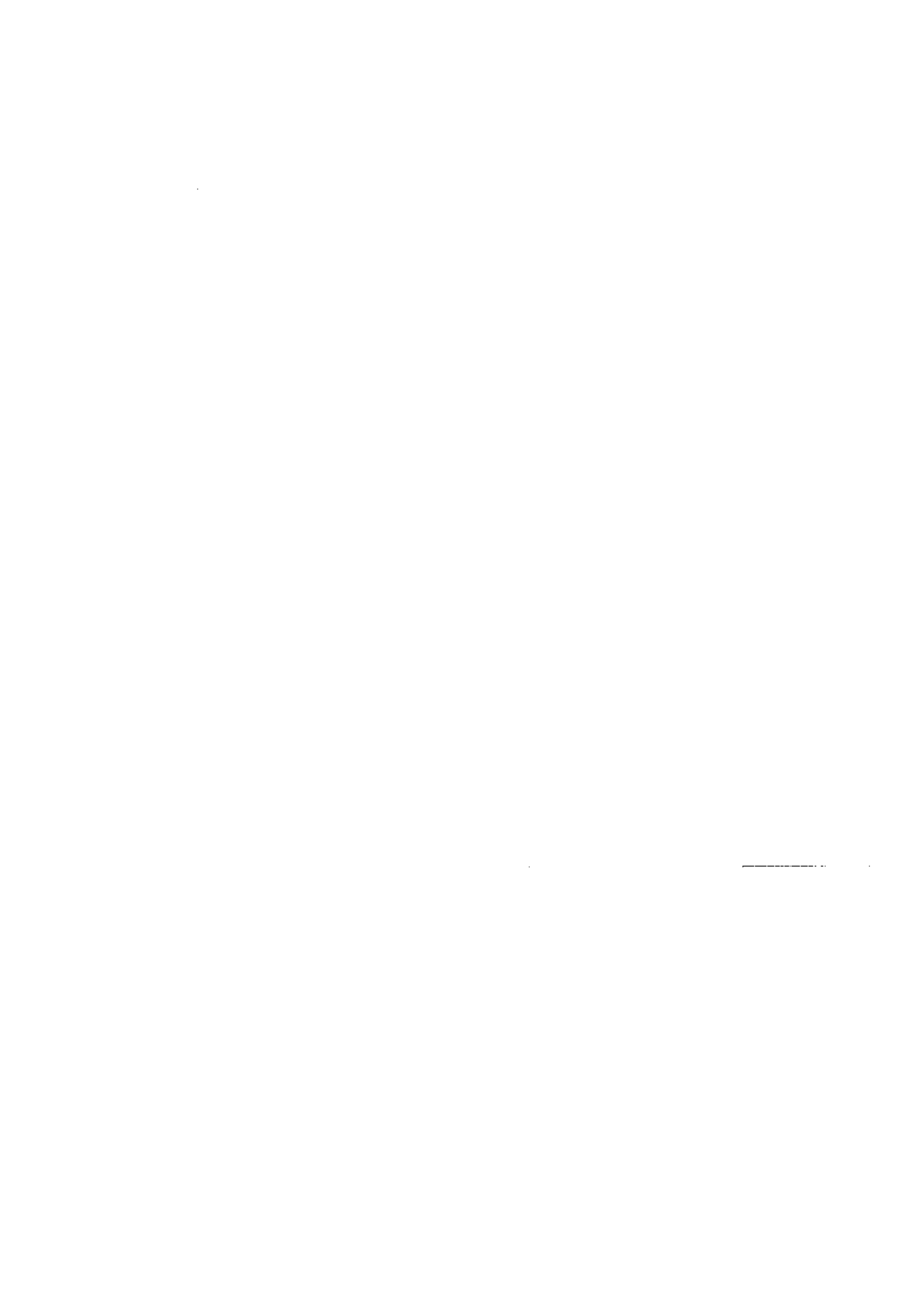
Rs. in Cr.

Sl No	Particulars	2018-19 (Actual)	2019-20 (Actuals)
1	Extraordinary Credits(incl. subsidies aganst losses due to natural disasters	-	
	TOTAL CREDITS		
2	Extraordinary Debits / Exceptional Items	-	
	TOTAL DEBITS		
	Grand Total	0.00	0.00

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

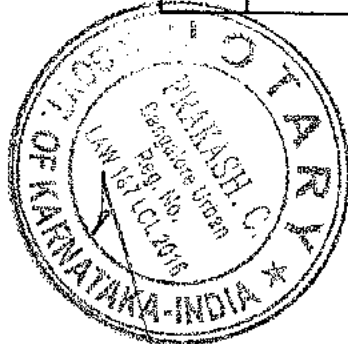
Net Prior Period Credit/(Charges)


FORM - T13

Rs. in Cr.

SI No	Particulars	2018-19 (Actual)	2019-20 (Actuals)
	Income relating to previous years:		
1	Interest income for prior periods	0.003	0.000
2	Income Tax prior period		
3	Excess Provision for Depreciation	2.66	6.94
4	Excess Provision for Interest and Fin. Charges		
5	Receipts from consumers		
6	Other Excess Provision	0.33	0.09
7	Others Income	17.02	5.62
	Total	20.01	12.65
	Expenditure relating to previous years		
1	Power Purchase		
2	Operating Expenses	0	(0.00)
3	Excise Duty on generation		
4	Employee Cost	(0.09)	(139.58)
5	Depreciation	(20.54)	(26.44)
6	Interest and Finance Charges		
7	Admn. Expenses	(0.69)	-
8	Withdrawal of Other Amounts credited to Misc. Rev.		
9	Material Related		
10	Other	(0.77)	(2.62)
	Total	(22.09)	(168.65)
	Net prior period (Credit)/Charges	(2.08)	(156.00)

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

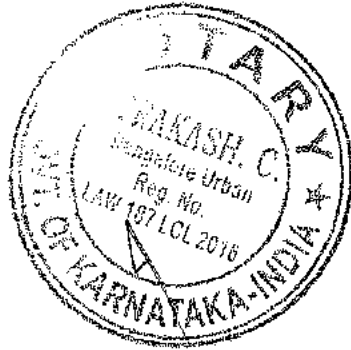
Contributions, Grants and Subsidies towards cost of Capital Assets

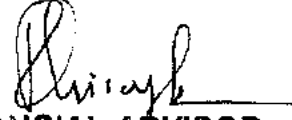
FORM - T14

Rs. in Cr.

Sl No	Particulars	2018-19 (Actual)			2019-20 (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	709.45	96.18	805.63	805.63	108.42	914.06
2	Subsidies towards cost of Capital Assets*						
3	Grants towards cost of Capital Assets*						
4	Others						
	Grand Total	709.45	96.18	805.63	805.63	108.42	914.06

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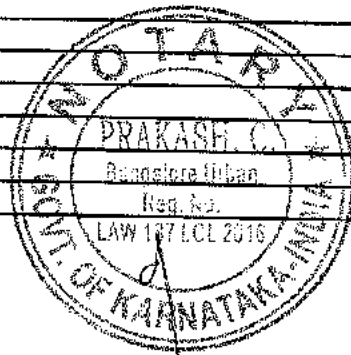
KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
GROSS FIXED ASSETS

FORM - T15

Rs. in Cr.

Sl No	Particulars of assets	2018-19 (Actual)			2019-20 (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	15.99	-13.01	362.28	26.02	-0.24	388.06
2.	Building and structures	41.35	-5.55	658.39	65.24	0.00	723.64
3.	Plant and Machinery Substation Transformers, Circuit breakers, other fixed apparatus of rating 100 MVA and above.	595.52	-271.10	9,243.44	1127.81	-211.38	10,159.87
4.	Substation Transformers, Circuit breakers, other fixed apparatus of rating below 100 MVA			-			-
5.	Towers, Poles, fixture, overhead conductors and devices	1130.22	-100.02	8,957.59	1222.53	-189.80	9,990.32
6.	Underground cables and devices			-			-
7.	Service lines			-			-
8.	Metering equipment			-			-
9.	Misc equipment			-			-
10.	Other items			-			-
a	Hydraulic Works	11.16	-0.16	100.18	13.56	-0.81	112.94
b	Other Civil Works	26.72	-1.00	155.16	38.43	-3.67	189.91
c	Vehicles	19.44	-0.41	27.27	0.34	-0.25	27.36
d	Furniture Fixtures	3.64	-1.23	23.38	1.87	-2.02	23.23
e	Office Equipments	0.47	-0.94	3.89	0.57	-0.23	4.24
	Intangible assets			-			-
	Grand Total	1,844.50	(393.43)	19,531.59	2,495.38	(408.40)	21,619.58

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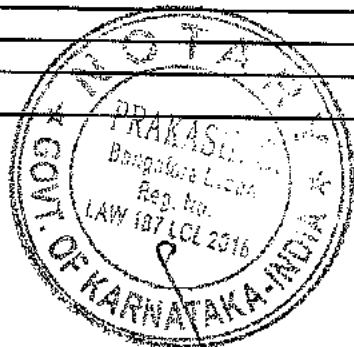
Prakash
FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavari
 Bengaluru - 560000

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
NET FIXED ASSETS

FORM - T16

Rs. in Cr.

Sl No	Particulars of assets	2018-19 (Actual)			2019-20 (Actuals)		
		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	2.98	0.32	362.35	25.79	0.08	388.06
2.	Building and structures	35.80	19.53	450.94	65.24	23.48	492.70
3.	Plant and Machinery Substation Transformers, Circuit breakers, other fixed apparatus of rating 100 MVA and above.	324.42	349.15	5,195.26	916.43	411.94	5,699.75
4.	Substation Transformers, Circuit breakers, other fixed apparatus of rating below 100 MVA .	0.00	0.00	-	0.00	0.00	-
5.	Towers, Poles, fixture, overhead conductors and devices	1030.20	413.76	5,743.64	1032.73	453.43	6,322.93
6.	Underground cables and devices			-			-
7.	Service lines			-			-
8.	Metering equipment			-			-
9.	Misc equipment			-			-
10.	Other items			-			-
a	Hydraulic Works	11.00	4.96	68.14	12.75	5.14	75.75
b	Other Civil Works	25.71	9.36	127.53	34.75	7.05	155.23
c	Vehicles	19.03	0.23	21.99	0.09	2.07	20.02
d	Furniture Fixtures	2.41	1.35	11.52	-0.15	-0.68	12.06
e	Office Equipments	-0.47	-0.60	2.17	0.34	0.07	2.44
	Grand Total	1,451.08	798.06	11,983.55	2,087.98	902.59	13,168.93



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FINANCIAL ADVISOR
 Regulatory Affairs
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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

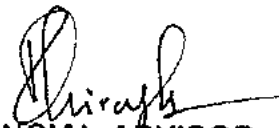
Work-in-Progress

FORM - T17

Rs. in Cr.

Description	2018-19		2019-20 (Actuals)	
		(Actual)		
Opening balance		2,381.59		3,222.91
Add:				
i) Capital expenditure		1730.63		2050.76
ii) Interest & Finance charges capitalised		77.75		106.86
iii) Other expenses capitalised		65.55		74.01
Total capital expenditure for the year		1873.92		2231.63
Less: Expenditure Capitalised (Transferred to Form-T15/D15)		1844.50		2496.38
Other Adjustments		811.90		561.06
Closing Balance		3,222.91		3,519.23




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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Receivables against Sale of Power

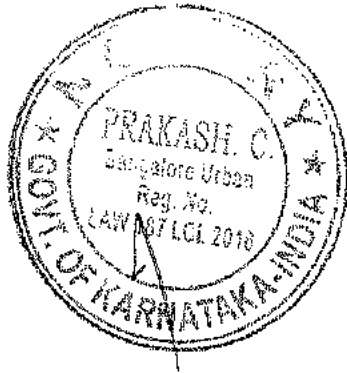
DEMAND, COLLECTION AND BALANCE OF REVENUE FOR THE YEAR 2019-20 (Actual)

Form-T18

(Rs in Crs)

SL NO	NAME OF Company	OPENING BALANCE		FOR THE YEAR						CLOSING BALANCE	
		PRINCIPAL	INTEREST	DEMAND		COLLECTION		COLLECTION %		PRINCIPAL	INTEREST
				PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST		
1	BESCOM	148.10		1741.81		1456.95		84%		432.96	
2	MESCOM	26.26		259.00		234.67		91%		50.58	
3	CESC	57.62		388.42		340.34		88%		105.71	
4	HESCOM	296.21		696.02		632.88		91%		359.35	
5	GESCOM	102.76		420.98		418.03		99%		105.71	
7	Grand Total	630.95		3506.23		3082.86		88%		1054.31	

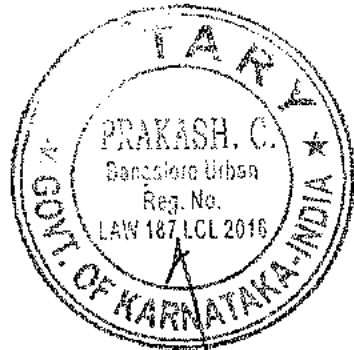
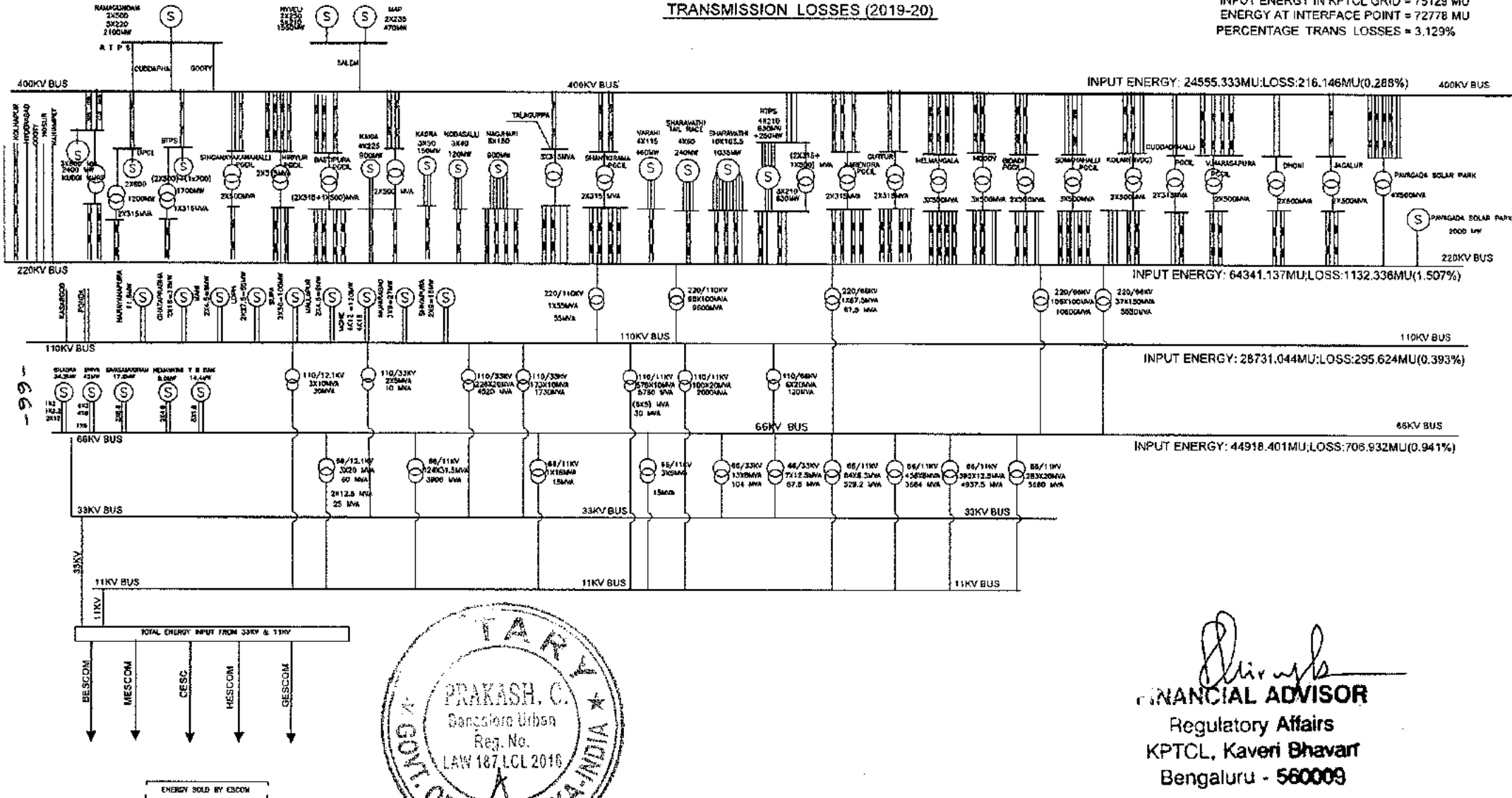
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ENERGY FLOW DIAGRAM FOR TRANSMISSION LOSSES (2019-20)

INPUT ENERGY IN KPTCL GRID = 75129 MU
ENERGY AT INTERFACE POINT = 72778 MU
PERCENTAGE TRANS LOSSES = 3.129%

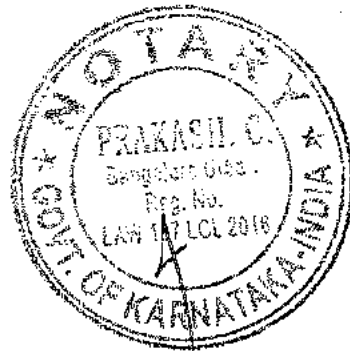


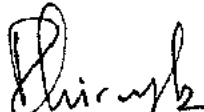
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FINANCIAL ADVISOR
 Regulatory Affairs
 KPTCL, Kaveri Bhavani
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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Existing Tariffs and Proposed Tariffs

Sl. No	Type of Installation	Proposed Tariffs FY 2018-19		Proposed Tariffs FY 2019-20	
		Transmission Charges / MW / Month	Energy Charges	Transmission Charges / MW / Month	Energy Charges
1	BESCOM	Not Applicable			
2	MESCOM				
3	CESC				
4	HESCOM				
5	GESCOM				
	GRAND TOTAL				

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

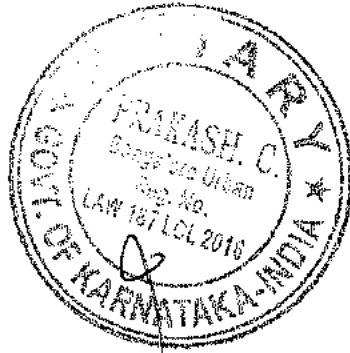
Existing Revenues and Proposed Revenues

Form-F21

Sl. No.	Type of installation	Existing Rates						Proposed Rates					Expected ARM at proposed charges (Rs Crs)	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

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Expected Revenue when Proposed Tariff is Introduced for a Part Year

Form-T22

Sl. No	Tariff Category	Type of Installation	Sales (MW)			Revenue (Rs in Crs)		
			At Current Tariff	At Proposed Tariff	Total	At Current Tariff for 8 Months	At Proposed Tariff for 4 months	Total
1		BESCOM	Not Aplicable					
2		MESCOM						
3		CESC						
4		HESCOM						
5		GESCOM						
6		Hukerii Rural Electrical Cooperative Society						
		GRAND TOTAL						

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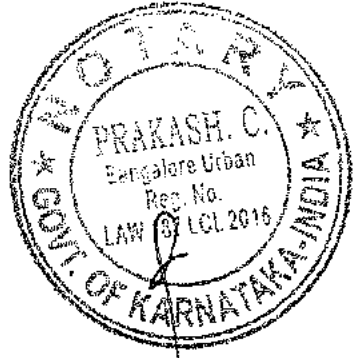
KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
 Embedded cost of service of supply of electricity


Form-T23

(Rs. in Crs)

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

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Statement Showing the Expenditure incurred in respect of Lines & Bays-2019-20

Activity - 1-400 KV

Activity 1	Maintenance expr	Emp cost	Admn expenses	Total
Bays	2 81 76 009	4 96 82 844	52 16 469	8 30 75 322
Lines	8 92 04 936	15 72 95 337	1 65 15 285	26 30 15 558
	11 73 80 945	20 69 78 181	2 17 31 754	34 60 90 880
				34 60 90 880

Activity - 2-220 KV

Activity 2	Maintenance expr	Emp cost	Admn expenses	Total
Bays	36 78 95 044	136 85 36 058	11 87 78 425	185 52 09 527
Lines	12 46 09 487	46 35 35 941	4 02 31 362	62 83 76 789
	49 25 04 531	183 20 71 999	15 90 09 786	248 35 86 316
				248 35 86 316

Activity - 3-110 KV

Activity 3	Maintenance expr	Emp cost	Admn expenses	Total
Bays	92 52 08 080	253 29 22 236	18 60 40 932	364 41 71 249
Lines	8 94 92 816	24 50 02 555	1 79 95 224	35 24 90 595
	101 47 00 896	277 79 24 791	20 40 36 157	399 66 61 844
				399 66 61 844

Activity - 4-66 KV

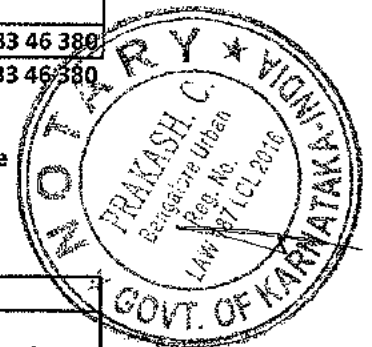
Activity 4	Maintenance expr	Emp cost	Admn expenses	Total
Bays	139 56 07 010	234 92 75 305	8 70 23 048	383 19 05 363
Lines	2 60 19 323	4 37 99 259	16 22 434	7 14 41 017
	142 16 26 333	239 30 74 564	8 86 45 482	390 33 46 380
				390 33 46 380

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
	1 01 68 344	433 67 93 737	84 26 09 517	518 95 71 598

Expenditure as per P&L Account				
	305 63 81 050	1154 68 43 272	131 60 32 697	1591 92 57 018



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