KPTCL's Response to Preliminary Observations of KERC on APR FY20

(KERC Letter Dated:09.12.2020)

BEFORE THE KARNATAKA ELECTRCITY REGULATORY COMMISSION
AT BANGALORE

IN THE MATTER OF:

Providing response to the Preliminary Observations of KERC on the 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 providing response to the Preliminary Observations of KERC on the Annual Performance Review of Transmission Licensee-KPTCL including Annexures for FY20 having pages 1-70 , 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 19th December 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: 19.12.2020

Deponent

NOTARY
PRAKASH.C
Bangalore Urban
Reg No.
LAW/187/LCL/2016
GOVT. OF KARNATAKA-INDIA

SWORN TO BEFORE ME

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

19 DEC 2020

No. of Correction.....

Sl.No.	Observations made by KERC on APR 2020	Replies of KPTCL
1.	**Observations on Capex-APR for FY20:**	
	1) The Commission, in the Tariff Order-2019 had recognized Rs.2000 Crores as capex and considered Rs.1500 Crores for determination of ARR and transmission tariff for FY20, subject to prudence check and had directed the KPTCL that, if it requires any additional capex, it shall incur the same through re-appropriation of the amounts saved in other heads of expenditure, with proper justification. However, the KPTCL has stated in its APR filing for FY20 that, it has incurred a capex of 2231.63 Crores, which exceeds the approved capex amount by Rs.231.63 Crores. In view of the this, KPTCL shall furnish the following details:	Details are furnished in the paragraphs noted below.
a)	Reasons for exceeding the approved capex of Rs 2000 Crores for FY20.	The Capital Expenditure of Rs 2231.63 Cr incurred by KPTCL during FY 20 includes an amount of Rs 106.86 Cr towards capitalization of Interest and Finance Charges and Rs 74.01 Cr towards capitalization of other expenses. It also includes expenditure incurred for spill over works of previous years completed and categorized during FY20. As such, the capex incurred for works of FY20 is less than approved capex of Rs 2000 Cr.

b)	The break up details of target and achievement of Stations, Lines and Augmentation works in the Format at **Annexure-1.**	Break up details of target and achievement of Stations enclosed as ***Annexure-1.***
c)	The details regarding Stations and lines in the Format at **Annexure-2.**	Format ***Annexure-2*** enclosed.
d)	The break up details for having incurred the Capital expenditure with opening balance of works in progress, actual expenditure incurred during the year, assets categorized and the closing balance of work in progress for FY20, in the Format at **Annexure-3.**	The data sought as per ***Annexure-3*** is being computed and the same would be submitted in due course.
I (2)	KPTCL, in its filing, has indicated the actual capital expenditure of Rs.2231.63 Crores incurred during FY20, as against the approved capex of Rs.2000 Crores. KPTCL shall furnish the sources of funding to the total capital expenditure of Rs.2231.63 Crores, incurred during FY20.	KPTCL is sourcing funds for capex through internal resources and loans from Commercial banks. The details are provided in Form T-9 filed along with the APR application.
1(3)	The Commission, in its Tariff Order 2020 has disallowed the Capex incurred for the following Capital works:	
a)	Providing the link line to new Ramenahalli feeder for the overloaded F-3 J.C pura feeder opposite to petrol bunk at J.C. Pura towards Ramenahalli in	Link line to new Ramenahalli feeder commissioned on 30.10.2019.The details have been furnished to the Commission vide letter No KPTCL/B36/19-20/1513/4172-75

	D.M.Kurke section and Banavara Sub-division, CESC for the categorized amounting to Rs 0.2122 Crores.	dated 10.03.2020.(Copy enclosed for reference)
b)	Evacuation of new 11Kv feeders from 66/11KV c station to reduce overload of F14 and F9 feeders of LR Bande MUSS in O & M -14 of C5 sub-division, BESCOM for the categorized amounting to Rs 3.176597 Crores.	11kV Switchgear was commissioned on 20.04.2020. However the feeder was not loaded since from the date of Commissioning till 14.12.2020 by BESCOM citing reasons that the UG cable laid for the said feeder has proved faulty at multiple locations.
c)	Drawing new feeder from Vandaraguppe 66/11 KV MUSS to release the load of F17-tagachagere NJY feeder of Channapatna MUSS in O&M -1, Channapatna rural sub-division. Ramanagar division, BESCOM for the categorized amounting to Rs 0.146865 Crores.	Vandaraguppe 66/11 KV MUSS was commissioned on 30.11.2019. After commissioning of F2-Kengal feeder of Vandaraguppe MUSS, the load has been bifurcated from F17 T tagachagere NJY feeder of Channapatna MUSS At present 20 Amps Load has been taken on F2-Kengal feeder.
	The Commission had decided to review the above works which were not meeting the prudence check norms, in the next Tariff Order. KPTCL shall furnish the present status of the above works, which were considered as imprudent as per Tariff order 2020.	Present status of the works are indicated against each of the works mentioned above.
1(4)	The Commission in its Tariff order 2020 has made certain observations on the norms to be followed while incurring the Capital expenditure. KPTCL shall furnish the compliance report on the observations	Compliance to observations of KERC as per tariff order dated 04.11.2020 is enclosed as ***Annexure-4.***

	of the Commission.	
2	**Backing down of RE Generators:**	
	The RE generators are reporting several instances of their renewable energy generation units having been backed down for various reasons, thus affecting their revenues. In this regard, KPTCL shall furnish:	
a	The details of any backing down of RE generators for want of transmission network for FY20. KPTCL shall also submit the updated status of the action initiated and time taken/required to resolve the same.	Updated Status on capital works undertaken for smooth integration of RE into the transmission system is enclosed as ***Annexure 5.***
b	KPTCL, vide its reply to the preliminary observation to the queries raised by the Commission during Tariff Order 2020 had submitted the status of completion of capital works. KPTCL is directed to submit the updated status of the above capital works which were undertaken by it for smooth integration of RE into the transmission system.	
c	The Commission has noted that the system outages in different zones of KPTCL are ranging between 60.98 hours. to 6811.5 hours (approx. 284	KPTCL has achieved Transmission Availability of 99.42% against target of 98%.The remedial action taken / proposed to be taken for reducing outages in Transmission system are

	days). KPTCL is directed to submit the details of remedial action taken proposed to be taken for reducing such outages.	as follows: 1. Action taken for overhauling of 220kV and 66kV Circuit Breaker in all the 220kV and 66kV stations to reduce interruptions. 2. Proposed for augmentation of transformers to higher capacity to reduce the unscheduled interruptions due to overload. 3. Proposed for strengthening of lines by higher capacity of conductors like HTLS/AAAC Moose/ Drake conductor and Cable to meet future load growth. 4. Proposed for replacement of electromechanical relays by numerical relays. 5. Action taken for procurement of 400kV Reactor bushing to rectify faulty reactor. 6. Action taken for procurement of Local Breaker Backup (LBB) relays for 220kV and 66kV Substations to overcome line faults. Further, it is to inform that, during unavoidable line outages, Stations have been energized with alternate source end to ensure better availability of transmission network resulting to least interruption to consumers.
d	KPTCL shall submit the total installed capacity in	The total installed capacitor banks are 1682 Nos with

	MVAR, as at the end of October 2020 vis-à-vis total the MVAR capacity required for the State for maintaining the required power factor of the transmission system in accordance with the relevant Regulations. KPTCL shall also submit the average number of days taken for replacement of faulty capacitors. Further, the KPTCL shall submit month-wise average percentage of spare capacitor of each type in terms of physical dimension and rating together with associated equipment/components of capacitor bank available for replacement of failed capacitors.	capacity of 8174.3 MVAR out of which 1578 Nos are working with capacity of 6956.90 MVAR. Further, the Transmission Zones have placed purchase orders for procurement of capacitor cells / CTs / Neutral unbalance relays and breakers for early restoration of faulty capacitor banks. The details of capacitor banks added / restored and failed from January 2020 to October 2020 are enclosed as ***Annexure-6 .***
e	As regards implementation of Intra-State ABT, KPTCL shall furnish the updated status of its implementation and the month upto which the bills have been issued.	During review meeting held on 18-July-2018, "Hon'ble KERC directed the KPTCL to implement the Intra-State ABT mechanism by issuing regular bills instead of Mock bills without waiting for consent from the BESCOM and HESCOM and to report compliance. Regular bills are being generated from the 1st week of September as per the directives of Review meeting held on 18-July-2018. Weekly bills up to 26th May 2019 issued to all ESCOMs. No ESCOMs paid the UI Charges as per the intra State ABT Bills

		issued. BESCOM Vide DO letter BESCOM/MD/D(T)/D(F)/GM(Elec)/ PP/ BC-39/ 2019-20/21-26 dated 10-July-2019 to Honorable ACS, GoK, Energy Dept, BESCOM MD requested to issue GoK order considering revision of %age allocation as the currently used %age allocation order was issued in March 2016 and to direct SLDC to continue Intra State ABT Billing by considering IF Points Energy Meter Data instead of SCADA Data . MESCOM requested to clarify IPP wise allocation to SLDC. They have also requested to "revise %age allocation and to device separate mechanism for billing of Intra State ABT and approved by all ESCOMs, till that period Intra State ABT billing may be held up". BESCOM have also filed petition on KPTCL APR 2018-19 about Implementation of Intra State ABT praying " correct implementation of Intra State ABT as per the regulations is to be defined and same is to be implemented by KPTCL duly adhering to either energy balancing or Intra State ABY Billing, billed on actual metered consumption" on the following grounds :

		1. Installing ABT meters by KPCL not completed. 2. State thermal generators are not scheduled and monthly energy bills are preferred on net energy and no deviation bills are preferred by SLDC, KPTCL for state generator KPCL. 3. SLDC is raising weekly Intra State ABT bills only on ESCOMs based on SCADA details. 4. SLDC is already doing "Energy balancing" towards deviation settlement among ESCOMs During 59th KERC Advisory Committee meeting, The chairman, KERC directed the SLDC and KPTCL to sort out issues regarding load management and implementation of ABT by taking up the matter with the ESCOMs. He opined that Director (tech), KERC should convene a meeting of Director Technical of the ESCOMs and KPTCL to resolve the matter. The above issues raised by BESCOM are to be addressed by the Commission.
3.	**Transmission losses for FY20:**	
1	KPTCL in its APR application has indicated the transmission loss is of 3.129% for FY20. The Commission in its Tariff Order dated 04.11.2020, has revised the transmission loss target of KPTCL for the	The Transmission loss of KPTCL for FY20 is 3.129% which is well within the revised transmission loss upper limit target for FY20 to FY22 i.e., 3.150% as per Tariff Order of KPTCL dated 4th November 2020.

<table>
<tr>
<td></td>
<td>current control period as under:

Revised Transmission Loss Target in % for FY20 to FY22
<table>
<tr><th>Particulars</th><th>FY 20</th><th>FY 21</th><th>FY 22</th></tr>
<tr><td>Upper Limit</td><td>3.150</td><td>3.089</td><td>3.028</td></tr>
<tr><td>Average</td><td>3.100</td><td>3.039</td><td>2.978</td></tr>
<tr><td>Lower limit</td><td>3.050</td><td>2.989</td><td>2.928</td></tr>
</table>
KPTCL shall consider the trajectory of transmission losses as approved by the Commission in its Tariff Order dated 04.11.2020 for FY20 to FY22.</td>
<td>KPTCL will consider the trajectory of transmission losses as approved by the Commission in its Tariff Order dated 04.11.2020.</td>
</tr>
<tr>
<td>2.</td>
<td>KPTCL in its APR filing has considered the total energy input to KPTCL's transmission system as 75128.910 MU for FY20. But in the letter dated 30.06.2020 the total input energy has been informed as 75128.720 MU. KPTCL shall furnish the reason for the difference and besides submitting the correct figure for FY20.</td>
<td>The Total energy input to the KPTCL Transmission system for the FY20 is 75128.910MUs as per the transmission loss statement furnished vide letter dated: 30.06.2020. The Copy of letter dated:30.06.2020 is enclosed as Annexure-7.</td>
</tr>
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<td>3.</td>
<td>The KPTCL in its filing has submitted the actual voltage wise losses for FY 19 and FY20 are as detailed below:
<table>
<tr><th>Voltage (in kV)</th><th>Losses (in %) for FY 19</th><th>Losses (in %) for FY 20</th></tr>
<tr><td>400</td><td>0.325</td><td>0.288</td></tr>
<tr><td>220</td><td>1.506</td><td>1.507</td></tr>
<tr><td>110</td><td>0.381</td><td>0.393</td></tr>
<tr><td>66</td><td>0.949</td><td>0.941</td></tr>
</table></td>
<td>The transmission losses of any transmission network are dynamic in nature and it shall not be constant. The increase in Voltage wise losses at 220kV and 110kV are marginal due to dynamic power flow. However the over all transmission losses are less compared to FY 19.</td>
</tr>
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<table>
<tr><td></td><td>KPTCL shall furnish the reason for increase in the transmission losses under 220kV and 110kV voltage class for FY20 over FY19.
The Commission in its Tariff Order dated 04.11.2020, has directed the KPTCL to make a detailed study in the matter of higher transmission losses at 220 kV level and submit the report to the Commission, within three months from the date of issue the Order. KPTCL shall submit study report to the Commission by 15.01.2021.</td><td>As directed by the Commission KPTCL will submit study report on 220 KV losses by 15.01.2021.</td></tr>
<tr><td>4.</td><td>The ESCOMs in their Tariff applications of APR for FY20 have filed the energy at IF points as detailed below:
<table><tr><th>ESCOMs</th><th>Energy consumption by ESCOMs at IF points for FY 20 in MUs</th></tr><tr><td>BESCOM</td><td>31625.73</td></tr><tr><td>MESCOM</td><td>5835.03</td></tr><tr><td>CESC</td><td>7208.30</td></tr><tr><td>HESCOM</td><td>12832.13</td></tr><tr><td>GESCOM</td><td>8790.07</td></tr><tr><td>Total</td><td>66291.26</td></tr></table></td><td>KPTCL in its letter dated:30.06.2020 has submitted the energy consumption at ESCOMs IF points as 65223.66 MUs for FY 20. This interface energy is recorded at 11KV and 33KV IF points with ESCOMs and it does not include EHT consumptions and energy drawn by IPPs(Captive power plants).The total energy output from the transmission system to the distribution licensees is 72777.872MU. Considering wheeled energy. Open access energy , energy drawn by Railways/EHT Consumers through IEX the energy at IF points will be differing from the quantum indicated at 11KV and 33KV IF points .However, as directed by the Commission reconciliation of the figures with ESCOMs signed by both KPTCL and ESCOMs would be submitted in due course.</td></tr>
</table>

	However, the KPTCL in its letter dated 30.06.2020 has submitted the energy consumption at ESCOMs interfacing points as 65223.660MU for FY20. Hence KPTCL shall furnish the actual figure of energy at IF points by reconciliation of the figures with ESCOMs signed by both KPTCL and ESCOMs.	
4.	**Observation on other items of revised ARR for FY20:**	
1	The KPTCL, in its filing of APR for FY20, in Table-11, has indicated an amount of Rs. 256.49 Crores towards R & M expenses on Plant and Machinery (Transformers) for FY20. KPTCL shall furnish the details of R&M expenditure incurred on Plant & Machinery during FY20, besides furnishing the number of power transformers failed, reasons for failure, repaired, repaired transformers reissued to the works and opening and closing balance of failed transformers during FY20 and upto November in FY21.	The R & M to Plant and Machinery includes Remuneration paid to contract agency for shift and minor maintenance of stations. The details of R & M Expenditure towards Plant and Machinery is enclosed as ***Annexure 8.*** Details of failed transformers as sought is enclosed as ***Annexure 9.***
2	As per Audited Accounts for FY20, KPTCL has incurred an amount of Rs. 893.75 Crore towards Salaries (Basic Pay) for FY20 as against Rs. 796.63 Crores incurred during FY 19. The reason for the increase in Rs. 97.12 Crores during FY 20 shall be	Annual Increments (Basic pay+ Dearness Pay), Sanction of Dearness Allowances (DA),and other allowances paid towards salary are the few reasons for increase in employees cost amounting to Rs.97.12 Crs.

	explained besides furnishing the detail for Rs. 796.63 Crores. Further as per Format T6, there is an increase in basic pay by Rs. 63.24 Crores in FY 20 over FY 19. The reason for higher increase in basic pay shall be explained.	Further as per Format T6, there is an increase in basic pay by Rs.63.24 Crores in FY 20 over FY 19: Due to sanction of Annual Increments (Basic pay+ Dearness Pay), there is an increase in basic pay of Rs. 63.24 Crores in FY 20.
3.	As per Audited account for FY20, KPTCL had incurred an amount of Rs. 25.02 Crores towards Corporate Social Responsibility. KPTCL shall furnish the details for having incurred the expenditure under this head of account.	KPTCL has incurred an amount of Rs. 25.00 Crores under CSR account and paid to Karnataka State Disaster Management Authority(KSDMA).
4	KPTCL in Format T-9 has indicated both the details of long term and short term loan for FY19 and FY20. KPTCL shall furnish the loan-wise interest rates on the amount of loan borrowed with reference to the details furnished in Note on Audited Account for FY20. KPTCL shall also submit the details about the measures taken / action plan to reduce the interest burden on capital loans / short term loans in the light of the Government of India guidelines issued to reduce the financial burden suffered by the transmission and distribution Companies and to the consumers during the economic slowdown period on account of COVID – 19.	The loan-wise interest rates on the amount of loan borrowed is enclosed as ***Annexure-10.*** The average interest rate for Long Term Loan (LTL) is 8.26% and Short Term Loan (STL) is 7.88%. KPTCL is availing its loan from Commercial Banks at lowest interest rates available to the Sector.

5.	KPTCL, in Format T-17, has indicated an amount of Rs. 3519.23 Crores as the closing balance of work-in-progress for FY20 as against Rs. 3222.19 Crores for FY 19, which is more than one-year capital plan of KPTCL. KPTCL shall furnish the reasons for accumulation of huge amount under head of account- work-in-progress, year on year besides submitting a time bound action plan to complete the Capital works under progress, and to categorise them as assets on priority basis.	KPTCL has taken up establishment of new-Sub Stations, augmentation of existing Stations besides construction of exclusive transmission lines for strengthening the existing transmission network, catering to demands of the ESCOMs and facilitating evacuation of RE Power. KPTCL is commissioning many of these major works annually to a tune of Rs.2000 Cr. The work in progress is in the range of 1.5times of the annual capital expenditure incurred by KPTCL.
6.	As per Format T-18 demand, collection and closing balance of revenue, the closing balance of revenue to be recovered from the ESCOMs is Rs. 1054.31 Crores, as at the end of FY20. The collection percentage in respect of all other ESCOMs except GESCOM is not satisfactory in spite of guaranteed provisions made for recovery in the Transmission Agreement by opening of LC/ ESCROW account. KPTCL shall furnish the reasons for accumulation of arrears from the ESCOMs.	It is true that ESCOMs are not making timely payment of approved transmission charges of KPTCL. The same has been bought to the notice of the Commission in earlier APR filings seeking suitable directions of the Commission to ESCOMs in this regard. However, a petition (O.P No.: 55/2019) has been filed before Hon'ble Commission with a prayer to direct ESCOMs to adhere to terms and conditions of power transmission agreement approved by the Commission to arrange payment of transmission charges through ESCROW.
7.	KPTCL has claimed an amount of Rs. 603.97 towards provision for Income Tax for FY20. As per Audited accounts, KPTCL has booked Rs. 220.46	Income tax computation sheet for having booked Rs. 220.46 Crores for FY20 and computation for the deferred tax of Rs.383.52 Crores (Note 17 to the provisional accounts)

	Crores as Income Tax and Rs. 383.52 Crores towards Deferred Tax Liability. KPTCL shall submit the computation sheet for having booked Rs. 220.46 Crores towards Income Tax for FY20 and computations for the deferred tax of Rs.383.52 Crores.	are enclosed as ***Annexure -11.***
8.	KPTCL in its filing of APR for FY20 has claimed an amount of Rs.256.62 Crores towards Terminal Benefit for FY20 as against Rs.182.94 Crores and Rs.72.56 Crores towards KPTCL contribution to P&G Trust as per audited account for FY20. KPTCL shall furnish the computation sheet for having booked the expenditure as per the audited accounts for FY20 besides submitting the full Actuarial Valuation Report for FY20.	KPTCL & ESCOMs Pension & Gratuity Trust(KEPGT) has appointed the Actuary on behalf of KPTCL and ESCOMs in the matter of Actuarial valuation of Pension & Gratuity contribution. Based on the Actuarial valuation Report, KEPGT intimates KPTCL and ESCOMs the rates at which contribution towards Pension & Gratuity has to be made by KPTCL and ESCOMs. KEPGT vide letter No. KEPGT/KCO-12/P7/2019-20/cys-13 dated 30/10/2019 **(*Annexure-12*)** has indicated the rates of contribution for Pension and Gratuity contribution for FY2019-20 as 57.30% and 6.08%. Accordingly, KPTCL has provided towards Pension and Gratuity as per the rate indicated vide letter dated 30/10/2019. In respect of employees appointed after 01/04/2006 under New Defined Contributory Pension Scheme(NDCPS), contribution at 14% on Basic+DP+DA has been accounted.

		Details are as under: (1)Pension & Gratuity Contribution in respect of Employees appointed prior to 01/04/2006 — 166 93 41 777 (a) Pension Contribution@ 57.30% on Basic+DP+DA for FY 2019-20 — 16 00 66 020 (b) Gratuity Contribution@ 6.08% on Basic+DP for FY 2019-20 **Total** — **182 94 07 797** (2)Pension and Gratuity Contribution in respect of employees appointed on or after 01/04/2006 (a)KPTCL's Pension contribution at 14% on Basic+DP+DA to New Pension Scheme(NDCPS) plus Gratuity contribution — 72 56 28 463 (b) Terminal Benefits-FBF, Beneficiaries of NDCPS employees and others — 83 20 518 (c)Corporation contribution to labour welfare Fund, EPF contribution in respect of contract employees — 45 84 324 ***Total*** — **256 79 41 102**
9.	KPTCL shall submit the audited accounts along with Note on Accounts for FY20 and half year accounts for FY21.	Audit of KPTCL accounts for FY 2019-20 by AG Auditors is in progress. On completion of AG's Audit, Audited accounts for FY20 along with Notes will be submitted. Further, preparation of half year accounts of KPTCL is not in practice. After implementation of ERP, KPTCL will be able to

		provide half yearly accounts.
5.	**Directives:**	
a.	**Manpower Study conducted by KPTCL:**	
	KPTCL has been furnishing the same status of implementation of Report on the Manpower studies conducted by ASCI Hyderabad. It has not furnished any concrete steps / action plan to be taken to minimised the operational costs by ensuring optimal utilisation of the available human resources. The Commission, after going through the compliance submitted in its APR, has noted that addition of transmission network, sub-stations every year is a natural phenomenon and given these circumstances, it is absolutely necessary to institute manpower studies to plan for the future in order to efficiently utilise the available manpower with a view to reduce the overall costs. In this regard, KPTCL is required to submit a stringent action plan to conduct a manpower study indicating the implementation strategies	KPTCL is pursuing the issue of conducting Manpower Study afresh. Once the study is completed and the report is made available the same will be reviewed by a high level committee of KPTCL for implementation in a definite time frame. The report along with implementation plan would be submitted to the Commission thereafter.

	without further delaying the matter. Also, KPTCL shall submit a comprehensive action plan for implementation of ERP programme for effective management of its affairs.	
b.	**Prevention of Electrical Accidents:**	
	KPTCL had submitted the action plan for prevention of electrical accidents as on June 2020 vide letter No KPTCL/B36/2019-20/1495/160 dated 22.05.2020. KPTCL has submitted the details of the electrical accidents which occurred during the 4th Quarter of FY20 and the action plan for prevention of electrical accidents as on 31.03.2020. KPTCL shall furnish the details of the electrical accidents for the 1st Quarter and 2nd Quarter of FY21. As per the details furnished for the 4th Quarter of FY20, it could be seen that, it has rectified only 14 hazardous locations as against 182 identified locations as at the end of the 4th Quarter of FY20. The Commission notes that only 7.69% of identified hazardous locations have been rectified. KPTCL shall provide justifiable reasons for not initiating strategic action plan to rectify all the hazardous locations, at an early date, in order to minimise/avoid accidents.	KPTCL has furnished the details of the electrical accidents for the 1st Quarter and 2nd Quarter of FY21 vide letter Nos KPTCL/B36/20-21/11067/638 dated: 18.08.2020 and KPTCL/B36/20-21/11067/1189 dated 02.12.2020 respectively. KPTCL has initiated action plan for rectification of all the hazardous locations in order to avoid accidents. As on date there are 143 hazardous locations and action taken by KPTCL is enclosed as ***Annexure-13.***

Financial Advisor (RA)

Annexure to letter No. B/ /19/1 /dtd 2-20

Annexure-1

Sl. No.	Name of the Work	Project Description	Zone	District	Purpose of the work	Target (as per Work Award)			Actuals				Reasons for time overrun/cost overrun, If any
						Date of commencement	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	
Stations													
400kV													
	Jagalur (Hiremallanahole)	Establishing 2X500MVA 400/220kV substation with 400kV side GIS & 220kV side AIS with associated lines	Tumakuru	Davanagere	1. Improvement in voltage conditions around Jagalur, Thallak, Kudligi & Chitradurga and surrounding areas. 2. Alternate source to 220kV Thallak, Kudligi & Chitradurga 3. To keep all the 200kV s/s within 70% of their installed capacity. 4. Reduction in energy loss to an extent of 13.6MU. 5. Improvement in system stability & reliability.	29-Jul-16	28-Oct-17	36418.4	03.08.2016	22-Jul-19	18590.53	269.26	1. Delay due to approval of layout drawing 2. Delay of supply of excess quantity of materials and execution of the work. 3. Delay due to providing additional 400KV tower for future transmission line. 4. Delay in commissioning of the work due to non-completion of dependent incoming 400KV line Approval of Workslip-1 and 2 and FQV
220kV													
1	ITI	Establishment of 220/66/11kV GIS S/s of 2x250 MVA 220/66 kV substation	Bengaluru	Bengaluru Urban	1. Improvement in voltage conditions around ITI, Banaswadi, NGEF and surrounding areas. 2. Alternate source to existing 66kV s/s at Banaswadi, NGEF & proposed stations b/w ITI & Hosakote. 3. To keep all the 200kV s/s within 70% of their installed capacity. 4. Reduction in energy loss to an extent of 13.68MU. 5. Improvement in system stability & reliability. 6. Fast growing load demands of ITI & Surrounding areas.	06-May-17	05-Nov-18	19711.22	09.06.2017	22-Oct-19	1092.4	9672.34	The project is upgardation of existing 66/11kV S/s to 220/66/11kV S/s Due to excution of work in five 66kV sub-station for which line clear was required with minimum interuption to the consumers Time over run due to RT witnessing, SAS observations, Civil works, Railway crossing approval etc.,
2	Brindavan Alloy	Establishing 2x150MVA, 220/66/11kV Sub-Station	Bengaluru	Bengaluru Urban	To Improvement in voltage conditions around Brindavan, Nelakadirenahalli, Peenya and surrounding areas. Alternate source to 66kV Byadarahalli and 220/66/11kV SRS Peenya substations. To keep all the 220kV sub-stations within 70% of their installed capacity. Reduction in energy loss to an extent of 21.86MU. Improvement in system stability and reliability of power supply can be ensured. The fast growing load demands of Peenya and Surrounding areas can be met. Reduction in loads of 220/66/11kV SRS Peenya substation. Reduction in the length of 66kV lines so as to reduce the Transmission line losses. Forms a part of 220kV Inner Ring of Bangalore.	30-Dec-17	29-May-19	10570.24	15.01.2018	09-Mar-20	1264.69	10210.63	Delay due to presence of 11kV UG cables in the sub-station yard caused hindrance for construction of Control room building and issue of line clear. Modification of the existing 11kV Switchgear to the SAS System.
3	Shivanasamudra	Establishing 2x100MVA, 220/66kV & 1X12.5MVA 66/11kV Station at Shivanasamudra (Hebbani village limits)	Mysuru	Mandya	1. To improve the system stability and reliability of power supply to the surrounding area 2. To meet the future load growth 3.To reduce the loads on the existing 220/66KV Maduvanahally and TK hally R/s 4. To improve the voltage profile in the proposed sub-station area 5.To have the future ring of 220KV stations 6.Enables establishment of Green energy corridor which is a transmission project for building high capacity transmission corridor for evacuation of power from renewable energy sources.	15-Mar-18	14-Jun-19	10552.73	15-Mar-18	10-Jul-19	1542.15	10583.47	Delay in commencement of work due to forrest issues in the proposed station land.

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	Target (as per Work Award)			Actuals				Reasons for time overrun/cost overrun, if any
						Date of commencement	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	
110kV													
1	Inchageri	Establishing 1x10MVA, 110/11kV Sub-Station	Bagalkote	Vijayapura	To reduce the 11KV line length and hence line losses. To improve voltage regulations To meet the feature load growth	16-Feb-18	15-Feb-19	1318.6	08-Mar-18	05-Sep-19	335.03	1223.61	. Delay in supply of power transformer
2	G Hosakoti	Establishing 1x10MVA, 110/11kV Sub-Station	Bagalkote	Belagavi	To reduce the 11KV line length and hence line losses. To improve voltage regulations To meet the future load growth	15-Feb-18	14-Feb-19	943.1	28-Feb-18	29-Nov-19	224.76	986.29	Time over run in 9 Months 18 Days a) Due to abnormal increase of excavation quantities at site and additional earthmat as per approved drawings by the SEE, [R & D], KPTCL,Bengaluru and execution of the same in hard rock terrains for fixing the FGL level has delayed the project. New proposals for drains on the top of the station preventing rainwater entering into substation and as directed by the higher authorities the proposal to construct RCC wall for station structure protection. b) Since Oct -2018,due to scarcity of copper and labour issues prevailing at M/s Andrew Yule Co Ltd Chennai , the production and supply of Power Transformer to KPTCL Projects was delayed Cost overrun due to Establishment Cost , Interest during construction , QV
3	Ukkali	Establishing 1x10MVA, 110/11kV Sub-Station	Bagalkote	Vijayapura	To reduce loading factor nearby sub-stations. To improve the reliability of power supply to the surrounding area. To meet the future load growth. To reduce voltage regulation of 11KV feeders.	10-Jan-19	09-Oct-19	987.51	19-Jan-19	23-Dec-19	862.51	977.28	Delay in transporation of transformer due to heavy rain and flood
4	Ronihal	Establishing 2x10MVA, 110/11kV Sub-Station	Bagalkote	Vijayapura	To reduce energy loss To reduce loading factor nearby sub-stations. To improve the reliability of power supply to the surrounding area. To meet the future load growth. To reduce voltage regulation of 11KV feeders.	10-Jan-19	09-Oct-19	1210.52	16-Jan-19	15-Feb-20	896.38	1156.37	Delay in transporation of transformer due to heavy rain and flood
5	Shiraguppi	Up-gradation of 2x5 MVA,33/11 kV MUSS to 1x10MVA, 110/11kV Sub-Station	Bagalkote	Belagavi	To improve the reliability of power supply to the surrounding area. To strengthen the existing network To minimize interruption time	27-Oct-18	26-Oct-19	1270.615	29-Dec-18	28-Feb-20	350.76	1327.05	Time over run in 4 Months 05 Days a) Shifting of 11 KV Lines from the corridor of 110 KV Lines b) Due to flood and heavy Rain c) Non availability of concurrence for Line clearance by the IPP's Cost overrun due to Railway Crossing , Crop Compensation,
6	McGann Government Hospital Premises	Establishing 1X10MVA 110/11kV Sub-station	Hassan	Shivamogga	To reduce energy loss To reduce loading factor nearby sub-stations. To improve the reliability of power supply to the surrounding area. To meet the future load growth. To reduce voltage regulation of 11KV feeders.	15-Mar-18	14-Mar-19	562.6	19.05.2018	11-Oct-19	263.11	546.89	Delay in supply of Power Transformer & 11KV switchgear.
7	Konandur	Establishing 1X10MVA 110/11kV Sub-station	Hassan	Shivamogga	To improve the voltage condition in and arround Konandur To reduce interruption & line losses To supply of quality power.	07-Jan-06	07-Oct-06	282.84	07.01.2006	24-Jan-20	8.08	884.27	Balance work is under progress Delay due to forest issues and Arbitration issues BPCL vs KPTCL.
8	Belman(Nandalike)	Establishing 1x10MVA, 110/11kV Sub-Station with associated line	Hassan	Udupi	To reduce load on the existing S/s & feeders To reduce interruptions To improve power supply reliability in the surrounding area To meet the future load growth To reduce loading factors of nearby Substations To improve voltage profile in the proposed substation area To reduce voltage regulation of 11kV feeders.	05-Feb-19	04-Nov-19	964.39	8.2.2019	19-Mar-20	625.37	831.62	Station Portion: Station Boundary issue, Covid-19, Delay due to compensation issues, ROW issues of (Loc.No. 1, 4 ,5 and 6) Transmission line

Sl no	Name of the Work	Project Description	Zone	District	Purpose of the work	Date of commencement (as per work ord)	Date of completion	Total estimated Cost	Date of commencement (actuals)	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	Reasons for time overrun/cost overrun, if any
9	Mangalore	Up-gradation of 33/11kV MUSS to 2X10MVA 110/33/11kV Sub-Station	Kalaburagi	Koppal	To reduce loading factor nearby sub-stations. To improve the reliability of power supply to the surrounding area. To meet the future load growth. Improves the voltage profile in the proposed substation area	30-Jun-18	29-Mar-19	1047.68	30-Jul-18	23-Sep-19	10.16	1327.65	Delay in issuance of DWA Delay in shifting of existing 11kV & LT Lines Delay due to reorientation of the 110kV line Delay due to supply of Power Transformers Delay in issuance of Dispatch Instructions
					66kV								
1	BV Halli	Establishing 1x12.5 MVA, 66/11kV Sub-Station	Bengaluru	Ramanagara	Improves the reliability of power supply to the surrounding area. Provides capacity to meet the future load growth Reduces the loading factor of the existing Channapatna & Akkurmole substations Improves the voltage profile in the proposed substation area.	14-Feb-17	13-Feb-18	953.29	16-Feb-17	11-Dec-19	567.00	1518.55	Cost ove run: a. The cost of 11kV switch gear is Rs.38.99L. b. Tree cut compensation of Rs.350 L. c. Land compensation of Rs. 345L d. In station portion- The allotted land is located adjacent to Channapatna-Sathnur main road and a natural pond, the main road (Channapatna-Sathnur) has been reformed / upgraded and road level is increased during rainy season the rain water naturally runs towards the allotted land. to avoid the rain water to enter the switchyard area, it is proposed to fix the FGL of yard at 100 Mtrs (00.50 Mtrs above main road), so site filling quantity, SSM retaining wall increased and additional Rain water harvesting carried out. E. in line portion due to change in type of tower, the cost increased Time over run: 1. ROW problems in Loc Nos 04 to 07, 09 to 10, 12 to 15, 18 to 22 and 25 to 27, 29 to 32, 34 to 37 and from Loc No:39 to 78. 2. Due to intermediate stoppage of work by the agency.
2	Vandaraguppe	Establishing 1x8 MVA, 66/11 kV Sub-station	Bengaluru	Ramanagara	To improve the reliability of power supply to the surrounding area. To meet the future load growth. To reduce the loads on 66/11kV Channapatna S/s. To improve the voltage profile in the proposed S/s area.	18-May-16	17-May-17	573.42	20-May-16	30-Nov-19	125.05	633.14	Cost over run: a. 11kV switch gear is Rs.27.60L. B. The amount paid to towards forest clearance is 57.00Lakhs c.station land is a Govt. tank and is situated between NH-275, Natural drain (Raja kaluve)& Railway track. To avoid the entry of rain water (raja kaluve water) into station yard and to maintain the FGL above the tank bed level and as per approved drawings, the quantities of SSM retaining wall, jelly spreading, road work, Rain water harvesting (Non DWA item) increased over DWA quantity, d. line portion- During line execution NDS, PS, SFR, DFR, HR Soil was encountered. Based on soil encountered SFR, PS, DFR foundation soil classification was given for stub foundation. So the steel & RCC concerting quantities increased over DWA quantity Time over run: Due to forest clearance (i) The proposed line passes through Forest (Loc No: 01 to 6) : The online proposals uploaded in the FC website on 01.06.2016. the line passing through forest area increased from 0.5526Ha to 1.26 Ha, the revised online proposals uploaded in forest website on 20.06.2017. The online process found completeness on 21.07.2017 . ii) The hard copies submitted to DCF, Ramanagara on 10.08.2017. iii) The DCF, Ramanagara forwarded the file to CCF, Aranya Bhavan on 23.01.2018. iv) Assistant Inspector General of Forests (Central) has communicate in-principle stage-2 approval obtained on 06.05.2019. v) The DCF, Ramanagara has communicated stage -2 approval with certain condition and issued Demand notice to pay NPV, CA and other charges on 04.07.2019. vi) NPV, CA and other charges remitted to forest department on 26.07.2019. vii) Other conditions fulfilled by KPTCL on 21.09.2019 viii) Forest department allowed to take up line work in forest area from 02.11.2019.

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2	Sathanur (Achalu)	Establishing 1x8 MVA, 66/11 kV Sub-station	Bengaluru	Ramanagara	There will be reduction in the length of 11kV feeders feeding that area which reduces the interruptions. Future load growth can be catered The Savings of energy is more. Tail end voltage of these 11kV feeders will also improve. There will be improvement in voltage profile of the areas fed from the proposed Sathanur(Achalu) S/s.	31-Oct-18	30-Jul-19	676.49	30-Nov-18	04-May-20	527.83	926.66	Cost over run: 1. Cost of 11KV switch gear is Rs. 89.70L 2.Station portion: The approach road to the sub-station is constructed by filling up the Natural Nala connecting from Kanakapura - Malavalli Main road to the sub-station for a length of 150 mtrs, the site filling quantity, road, Cattle trap, 55M retaining wall increased over DWA Qty 3. Line Portion: Additional 02 No of tower provided to maintain required falling distance and electrical clearance across NH -209 hence line supply, line erection and line civil quantities are increased over DWA. Time over run: 1. Due to ROW problem/court case for line corridor between Loc No:05 to 06 , the land owner has filed a case at Hon'ble High Court vide case No W.P. No's 25358-59/2019 on 14.06.2019 and the case was transferred to district magistrate to remove obstructions raised by the party on 03.07.2019. The District magistrate has issued order in favour of KPTCL on 18.11.2019 and the balance line stringing work was completed on 19.11.2019 under police protection. 2. Delay in supply of 11kV switch gears.
3	Kumbaranahalli	Establishing 2x12.5 MVA, 66/11kV Sub-Station with associated line	Bengaluru	Bengaluru Urban	1. Improvement in voltage conditions around Jigini kumbaranahalli and sourrounding areas. 2.to reduce the Load on 66/11kv Jigini sub station. 3. To keep all the 200kV s/s within 70% of their installed capacity. 4. Reduction in energy loss . 5. Improvement in system stability & reliability. 6. Fast growing load demands at Jigini & Surrounding areas.	08-Feb-18	07-Feb-19	694.61	08-Feb-18	29-Jan-20	410.79	517.23	Station: 1) 1x12.5MVA Power Transformer was found faulty and is repaired and supplied to kumbarnahalli substation. Pre commissioning Test are conducted and Power Transformer is yet to be commissioned. 2)Due to Approach Road issues and Agency M/s. EEELtd. Delayed in commissioning of subject work. 3)UG Cable delayed in 341 days due to delay in construction and commissioning of substation Awarded to M/s. EEELtd. 4)Savings: Net saving of 6.81% over DWA.
4	Tadigol cross	Establishing 2x12.5MVA, 66/11kV Sub-Station with associated line	Bengaluru	Kolar	Length of the 11kV lines reduced, losses will reduce. Improving the voltage regulation of the existing 11kV feeders of 66/11kV Srinivasapura and Lakshmipura S/s. To reduce load on the existing 66/11kV Srinivasapura and Lakshmipura S/s. To provide reliable power supply to consumers. To meet the future load growth if any.	08-Mar-19	07-Dec-19	DPR Cost:1060.45 OWA Cost:990.12	08-Mar-19	29-Jan-20	848.79	941.04	FQV approved on 22.07.2020 for Rs. 1024.12L Cost over run: Change in tower type as per the field conditions Time over Run : Time over run of 53 days from scheduled date is majorily due to ROW issues encountered during exeution of Transmission line work.
5	Channarayapatna	Establishing 2x8 MVA, 66/11kV Sub-Station	Bengaluru	Bengaluru Rural	Length of the 11kV lines reduced, losses will reduce To meet future load growth To reduce loading factor nearby sub-stations. Voltage regulation at tail ends will be within permissible limits	30-Jun-18	29-Mar-19	854.58	11.07.2018	15-Feb-20	47.03	1293.96	Delay at Station side: Delay in supply of power transformer which was due to the issues at transformer manufacturer site. Cost over run is due to land compensation (Categorised amount)
6	Bagganadoddi	Establishing 1x8 MVA, 66/11kV Sub-Station	Bengaluru	Bengaluru Urban	There will be reduction in the length of 11kV feeders feeding that area which reduces the interruptions. Future load growth can be catered The Savings of energy is more. Tail end voltage of these 11kV feeders will also improve. There will be improvement in voltage profile of the areas fed from the proposed 66/11kV Bagganadoddi S/s.	05-Jan-19	04-Jan-20	506.76	05-Jan-19	20-Feb-20	499.35	512.07	Station and UG Cable FQV is to be Approved. Time over Run: Delay in 21 days is due to Land Allocation from the Tashildhar and ROW issue.
7	Huskur	Establishing 2x12.5MVA, 66/11kV Sub-Station	Bengaluru	Bengaluru Urban	To reduce the energy losses To meet the future load growth To reduce loading factor nearby sub-stations.	05-Feb-19	04-Feb-20	762.5718	05-Feb-19	11-Mar-20	668.99	777.62	Delay in handing over of alternate land by Govt in view of proposed PRR on the land allotted to KPTCL at Chokkasandra..

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8	Bommepalli Cross	Establishing 1x8 MVA, 66/11kV Sub-Station with associated line	Bengaluru	CB Pura	Voltage regulation of the existing Iragampalli station feeders will be improved. Reduction in the energy loss by reducing the length of 11kv lines. To reduce the loads on existing 66/11kV Iragampalli S/s. Providing reliable power supply to consumers of that area. For system stability and to meet the future load growth.	10-Jan-19	09-Oct-19	DPR Cost:661.64 DWA Cost:686.75	10-Jan-19	21-Mar-20	476.9	662.9	FQV is submitted to CEE, TZB on 22.10.2020 amounting to Rs. 713.18L and yet to be approved. Cost over run: Due to provision of 03 numbers of additional 11kV feeders. Time over Run : Time over run of 164 days from scheduled date is majorly due to ROW issues encountered during execution of Transmission line work.
9	Talagunda village	Establishing 2x8 MVA, 66/11kV Sub-Station with associated line	Bengaluru	Kolar	To reduce energy loss by reducing the length of the existing 11kV lines To reduce the loading factor of nearby substation To meet future load growth To minimize the power interruptions To improve the reliability of power supply to the surrounding area.	05-Aug-19	04-May-20	DPR Cost:789.26 DWA Cost:488.67	05-Aug-19	23-Mar-20	301.78	467.04	Cost over run: Due to Replacement of coyote conductor of line with drake conductor considering technical aspects.
10	Shettihalli	Establishing 1 x 8 MVA, 66/11 KV sub-station	Hassan	Hassan	To reduce energy loss To reduce loading factor nearby sub-stations. To meet the future load growth. To reduce voltage regulation of 11KV feeders.	30-Apr-10	30-Apr-11	ZBO.72	30.04.2010	02-Aug-19	0	365.38	Time overrun due to ROW issues
11	Kadukothanahalli	Establishing 1 x 8 MVA, 66/11 KV sub-station	Mysuru	Mandya	To improve in voltage regulation To reduce the 11KV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area. Overloading of existing nearby substations is avoided	04-Jul-18	03-Apr-19	547.18	04-Jul-18	03-May-19	243.37	563.18	1. Delay due to supply of 12.5MVA power Transformer (Agency Supply) 2.Delay due to supply of 11KV Switchgear(KPTCL Supply)
12	Jannur	Establishing 1 x 8 MVA, 66/11 KV sub-station	Mysuru	Chamarajanagar	To improve in voltage regulation To reduce the 11kV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area.	20-Mar-18	19-Dec-18	819.66	28-Mar-18	18-Jun-19	283.78	725.51	Due to delay in a) Earth mat Re-design b) Supply of 11kV Switch gear by KPTCL c) Supply of Power Transformer by Agency
13	Chandravadi (Nallinathapura)	Establishing 1 x 8 MVA, 66/11 KV sub-station	Mysuru	Mysuru	To improve in voltage regulation To reduce the 11KV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area. Overloading of existing Hullhalli substation is avoided	24-Mar-18	23-Mar-19	527	05.04.2018	08-Jul-19	183.53	479.21	1.Delay in supply of Power Transformer From the Agency . 2.Cost Over Due to Price Variation Amount.
14	Gargeshwari	Establishing 1x8 MVA, 66/11 kV Sub-station	Mysuru	Mysuru	To reduce voltage regulation of 11KV feeders. To reduce energy loss by reducing the length of 11kv lines To reduce loading factor nearby sub-stations. To improve the reliability of power supply to the surrounding area. To meet the future load growth.	14-Jan-19	13-Oct-19	807.51	20.01.2019	21-Dec-19	699.61	736.8	Delay in Finalizing FGL and Delay in supply of 11kK SWG from KPTCL end.
15	Vyasarajapura	Establishing 1x8 MVA, 66/11 kV Sub-station	Mysuru	Mysuru	To improve in voltage regulation To reduce the 11KV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area. Overloading of existing Hullhalli substation is avoided	05-Nov-18	04-Aug-19	655.68	15.11.2018	21-Dec-19	589.9	603.47	Delay in Finalizing FGL and Delay in supply of 11kK SWG from KPTCL end.
16	Hariyaladamma Temple (Gangenahalli)	Establishing 1x8MVA, 66/11kV Sub-Station	Mysuru	Mandya	To improve in voltage regulation To reduce the 11KV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area. Overloading of existing nearby substations is avoided	04-Jul-18	03-Apr-19	829.68	04-Jul-18	22-Jan-20	249.71	766.66	Delay due to change in type of towers to avoid ROW issues.
17	Koppalur (Mandakalli)(Srinagar)	Establishing 1x8MVA, 66/11kV Sub-Station with associated line	Mysuru	Mysuru	To improve in voltage regulation To reduce the 11KV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area. Overloading of existing nearby substations is avoided	18-Jan-19	17-Oct-19	922.82	31.01.2019	14-Feb-20	705.34	756.56	Delay due to supply of 11kV Sitchgear by KPTCL and also due to delay in drawing approval and inspection of SCADA Panel .

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18	Maladhalli	Establishing 2X8MVA 66/11kV substation with associated line	Tumakuru	Chitradurga	1. The Present load factors of Holalakere and Ramagiri S/S are 70%. 2. The Voltage regulations of 11KV feeders is very high. 3. Improves the reliability of power supply to the surrounding area. 4. Reduces the loading factors of the existing Holalakere and Ramgiri S/S. 5. Improves the voltage profile in the proposed S/S area.	06-Feb-13	05-Feb-14	622.98	08.03.2013	16-Sep-19	808.5	25.21	Severe ROW issues for completion of the project. Crop/Tree Cut compensation
19	Vishweshwarapura	Establishing 1X8MVA 66/11kV substation with associated line	Tumakuru	Chitradurga	To imporve the reliability of power supply to the surrounding area. To meet future load growth Overloading of existing nearby substations is avoided To improve the voltage profile in the proposed substation area	20-Mar-18	19-Dec-18	528.33	05.04.2018	18-Nov-19	459.38	26.71	Severe ROW issues for completion of the project Delay in supply of Power transformer by the Agency. Crop/Tree Cut compensation
					Sub-total Stations			97403.7288			34762.54	53173.69	
					Lines								
					400kV								
1	Jagalur (Hiremallanahole)	(i) Construction of 400 kV DC line with Quad Moose ACSR for a length of 0.53 km to link the proposed 400/220 kV Jagalur (Hiremallanahole) S/s from anchor point 39/0 of 400 kV Rampura limits to Jagalur line (proposed) under GEC.This is a part of 400 kV line from BPS to Chikkanayakanahalli via Rampura and Jagalur limits (ii) Const. of 400 kV DC line with Quad Moose ACSR for a length of about 64.5 Kms from Rampura limits (400 kV MC line from BPS) upto Anchor point 39/0 near proposed 400/220 kV S/s at Jagalur (Hiremallanahole)	Tumakuru	Davanagere	1. Improvement in voltage conditions around Jagalur, Thallak, Kudligi & Chitradurga and surrounding areas. 2. Alternate source to 220kV Thallak, Kudligi & Chitradurga 3. To keep all the 200kV s/s within 70% of their installed capacity. 4. Reduction in energy loss to an extent of 13.68MU. 5. Improvement in system stability & reliability.	29-Jul-16	28-Oct-17	49189.74	29.07.2016	03-Jul-19	62781.7	2024.6	time overrun a. Delay in finalization of check survey due to deviation of line for various reasons such as to avoid existing NA land, maintaining existing 66KV line clearance of Gudekote-Hangal line and Nayakanahatti-Hiremallanahalle line and 765KV line crossing clearance. b. Delay in approval of drawing for adaptation of 400KV Gantry structure at 765KV L&T line crossing. c. Delay in completion of foundation activities at various locations due to want of forest clearance (stage-1 approval requested on 02.09.2016 and approval received on 09.03.2019). d. Delay in completion of foundation activity at 765KV line crossing due to delay in approval of drawing. e. Delay due to want of higher compensation by the land owner nearly at 20 locations with help of Police ROW resolved and completed foundation activities. cost overrun 1. Work slip-1 approved by CEE/TZ/TMK 2. Crop/tree cut compensation
					220kV								
1	ITI Cable	Running of 220 kV DC, 1000 sqmm 1 core XLPE UG cable from 220 kV Hoody-Hebbal SC line to proposed 220/66/11 kV GIS at ITI S/s	Bengaluru	Bengaluru Urban	1. Improvement in voltage conditions around ITI, Banaswadi, NGEF and surrounding areas. 2. Alternate source to existing 66kV s/s at Banaswadi, NGEF & proposed stations b/w ITI & Hosakote. 3. To keep all the 200kV s/s within 70% of their installed capacity. 4. Reduction in energy loss to an extent of 13.68MU. 5. Improvement in system stability & reliability. 6. Fast growing load demands of ITI & Surrounding areas.	09.06.2017	14-Oct-19	1027.37	8148.59	Delay in getting LDA approval etc.,	1027.37	8148.59	Delay in getting LDA approval etc.,
2	Vikas Technical Park UG cable (8)	Running of 220kV DC 1000 sqmm UGC from location no.6 to CTT near location no.11 of proposed 220/66/11 kV Vikas Tech Park station	Bengaluru	Bengaluru Urban	for ALTERNATE SOURCE FOR 220KV vtp220/66kv VKTP STATIO. Now ideal charged from station end the load will be taken after completion/commissioning of 220kv somnahalli O/H line.	03.07.2017	08-Nov-19	273.03	1278.34	Delay in getting LC approval and Non provision of Civil portion and end termination kits etc.,	273.03	1278.34	Delay in getting LC approval and Non provision of Civil portion and end termination kits etc.,

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	Date of commencement (as per work order)	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	Reasons for time overrun/cost overrun, if any
3	Brindavan Alloy	Construction of 220 kV DC line for a distance of 0.52 km from 220 kV B3-B4 DC line to the proposed 220 kV Brindavan GIS.	Bangaluru	Bangaluru Urban	To improvement in voltage conditions around Brindavan, Nelakadirenahalli, Peenya and surrounding areas. Alternate source to 66kV Byadarahalli and 220/66/11kV SRS Peenya substations. To keep all the 220kV sub-stations within 70% of their installed capacity. Reduction in energy loss to an extent of 23.86MU. Improvement in system stability and reliability of power supply can be ensured. The fast growing load demands of Peenya and Surrounding areas can be met. Reduction in loads of 220/66/11kV SRS Peenya substation. Reduction in the length of 66kV lines so as to reduce the Transmission line losses. Forms a part of 220kV Inner Ring of Bangalore.	15.01.2018	09-Mar-20	Included in Station portion		Delay due to presence of 11kV UG cables in the sub-station yard caused hindrance for construction of Control room building and issue of line clear. Modification of the existing 11kV Switchgear to the SAS System.	Included in Station portion		Delay due to presence of 11kV UG cables in the sub-station yard caused hindrance for construction of Control room building and issue of line clear. Modification of the existing 11kV Switchgear to the SAS System.
4	Shivanasamudra	Construction of 220 kV Double DC line on MC towers tapping from existing 220 kV DC T.K.Halli-Madhuvanahally line to the proposed sub-station Shivanasamudra	Mysuru	Mandya	1. To improve the system stability and reliability of power supply to the surrounding area 2. To meet the future load growth 3.To reduce the loads on the existing 220/66KV Maduvanahally and TK hally R/s 4. To improve the voltage profile in the proposed sub-station area 5.To have the future ring of 220KV stations 6.Enables establishment of Green energy corridor which is a transmission project for building high capacity transmission corridor for evacuation of power from renewable energy sources.	15-Mar-18	14-Jun-19	Included in station cost	15-Mar-18	15-05-19	Included in station cost	Included in station cost	Line work completed within target date, Delay in commission due to commissioning of station.
5	Vasanthanarasapura-Madhugiri	Construction of 220kV DC line with Moose ACSR partly on Multi-circuit towers and partly on DC towers from proposed 765/400/220 kV PGCIL Station at Vasanthanarasapura to existing 220kV station at Madhugiri	Tumakuru	Tumakuru	To evacuate power from proposed 765/400/220 kV PGCIL Station at Vasanthanarasapura. To improve reliability of Power supply to Karnataka State. To meet the future load growth. To strengthen the Southern Grid. To provide strong source of power supply to 220/66/11kV Antarasanahalli & Madhugiri S/s.	07-Jul-15	06-Jul-16	6056.94	13.07.2015	07-08-19	804.15	52.05	KIADB acquition and ROW issue at Loc. No. 60
					110kV								
1	Hebballi	Construction of 110 kV SC tap line from one circuit of 110 kV Hubli-Bagalkot DC line to proposed 110/11 kV S/s at Hebballi	Bagalkote	Bagalkote	1. Length of 11 kV lines are reduced 2. Line losses on 11 kV & 33 kV will be reduced 3. Voltage regulation at tail ends will be within premissible limits 4. Future load growth can be met 5. Power supply arranging in spells will be avoided	03-Jun-17	02-Jun-18	Included in station cost	14.11.2017	30.07.2018	309.13	1157.88	
2	Inchageri	Construction of 110 kV SC line on DC towers from existing 110 kV Zalki S/s to the proposed 110/11 kV S/s at Inchageri	Bagalkote	Vijayapura	To reduce the 11KV line length and hence line losses. To improve voltage regulations To meet the feature load growth	16-Feb-18	15-Feb-19	Included in station cost	09-Mar-18	05-Sep-19	Included in station cost	Included in station cost	ROW issue in the line
3	G Hosakoti	Construction of 110kV SC line on DC towers from 110kV Salahalli S/s to G Hosakoti S/s	Bagalkote	Belagavi	To reduce the 11KV line length and hence line losses. To improve voltage regulations To meet the future load growth	15-Feb-18	14-Feb-19	Included in station cost	16-Mar-18	29-Nov-19	Included in station cost	Included in station cost	Time over run in 9 Months 18 Days a) As the proposed transmission line passed through highly irrigated land ,the transmission Line activities was delayed due to ROW issue and non approach of road b) Stringing work was delayed due to non availability if Line clearance by the IPP's Cost overrun due to Crop Compensation ,El Charges.
4	Ukkali	Construction of 110kV LILO line from 110kV B. Bagewadi-Vijayapura SC line to the proposed substation at Ukkali	Bagalkote	Vijayapura	To reduce loading factor nearby sub-stations. To improve the reliability of power supply to the surrounding area. To meet the future load growth. To reduce voltage regulation of 11KV feeders.	10-Jan-19	09-Oct-19	Included in station cost	19-Jan-19	23-Dec-19	Included in station cost	Included in station cost	ROW issue

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	Target (as per Work Award)			Actuals				Reasons for time overrun/cost overrun, if any
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5	Ronihal	Construction of 110kV LILO line from existing 110kV Basavana Bagewadi-Mamdapur DC line (Circuit 2) to the proposed 110/11kV substation Ronihal	Bagalkote	Vijayapura	To reduce energy loss To reduce loading factor nearby sub-stations. To improve the reliability of power supply to the surrounding area. To meet the future load growth. To reduce voltage regulation of 11KV feeders.	10-Jan-19	09-Oct-19	Included in station cost	16-Jan-19	15-Feb-20	Included in station cost	Included in station cost	ROW issue
6	Shiraguppi	Construction of 110 kV SC line on DC towers from 220 kV Kudachi S/s to proposed 110 kV S/s at Shiraguppi	Bagalkote	Belagavi	To improve the reliability of power supply to the surrounding area. To strengthen the existing network To minimize interruption time	27-Oct-18	26-Oct-19	203.82	29-Dec-18	28-02-20	Included in station cost	Included in station cost	Time over run in 4 Months 05 Days a) Shifting of 11 KV Lines from the corridor of 110 KV Lines b) Due to flood and heavy Rain c) Non availability of concurrance for Line clearance by the IPP's
7	McGann Government Hospital Premises	Running 110kV, 240Sqmm XLPE Copper U.G.Cable single circuit with one spare cable (4 Runs) from 220/11kV Aikola S/S to the proposed S/S	Hassan	Shivamogga	To reduce energy loss To reduce loading factor nearby sub-stations. To improve the reliability of power supply to the surrounding area. To meet the future load growth. To reduce voltage regulation of 11KV feeders.	12-Mar-18	11-Mar-19	1080.25	19.12.2018	11-Oct-19	55.55	812.62	Delay due to frequent hindrances caused by M/s Smart City limited Shivamogga & NHAI as they were also doing development works at same route path of EHV cable this forced our works to stop for some days.
8	Konandur	Construction 110 kV SC line from Varahi-Shimoga line	Hassan	Shivamogga	To reduce energy loss To improve the reliability of power supply to the surrounding area. To meet the future load growth. To reduce voltage regulation of 11KV feeders.	07-Jul-18	06-Apr-19	985.52	07.07.2018	22-Nov-19	302.18	514.81	Delayed due to ROW issues & forest clearance.
9	MSEZ to MRPL link	Construction of 110kV MC line from 220/110/33kV MSEZ station at Oddidkala, Bajpe village to the 110kV Metering Bay of MRPL at Jokatte	Hassan	Dakshina Kannada	To improve the reliability of Power Supply to the surrounding area To meet the future load growth To provide power supply to M/s. MSEZ Ltd., a joint venture of GOK and to the 220kV Kavoor and 110kV Balkampady substations around M/s. MSEZ ltd.	13-May-11	13-May-12	Included in station cost	01-Aug-14	10-Jan-20	25.81	170.25	Delay by agency, ROW issues
10	Belman(Nandalike)	Construction of 110kV LILO line from the existing 220/110kV Kemar-Nandikur MC line in Nandalike village limits to the proposed S/s	Hassan	Udupi	To reduce load on the existing S/s & feeders To reduce interruptions To improve power supply reliability in the surrounding area To meet the future load growth To reduce loading factors of nearby Substations To improve voltage profile in the proposed substation area To reduce voltage regulation of 11kV feeders.	05-Feb-19	04-Nov-19	Included in station cost	18.2.2019	19-Mar-20	Included in station cost	Included in station cost	Delay due to compensation issues, ROW issues of (Loc.No. 1, 4 ,5 and 6) Transmission line
11	Mangalore	Construction of 110 kV SC radial line on DC towers from existing 110/33/11 kV Bevoor S/s to proposed 110/11 kV Mangalore S/s	Kalaburagi	Koppal	To reduce loading factor nearby sub-stations. To improve the reliability of power supply to the surrounding area. To meet the future load growth. Improves the voltage profile in the proposed substation area	30-Jun-18	29-Mar-19	Included in station cost	30-Jul-18	20-Sep-19	Included in station cost in Sl. No. 9 of 110kV list above	Included in station cost in Sl. No. 9 of 110kV list above	
12	Chincholi-Mannekalli-Sedam: (Balance Work)	Construction of 110kV DC link line between 110kV Chincholi and 110kV Manna-E-Khelly Sub Stations	Kalaburagi	Kalaburagi	To reduce the overload on the existing line. To minimize the interruptions. To meet the future load demand in and around the area. To improve reliability of power supply. To improve voltage profile.	26-Mar-18	25-Mar-19	1590	30.03.2018	27-Jan-20	1357.97	1491.13	Delayed in 9 months due to ROW issues during construction of line.
13	Chincholi-Mannekalli-Sedam: (Balance Work)	Chincholi-Mannekalli-Sedam: (Balance Work): Stringing Second circuit on existing DC towers from 220kV Sedam Station to 110kV Chincholi Sub-Station	Kalaburagi	Kalaburagi									
					66kV								
3	Naganathapura-Keonic city 66kV 2nd Circuit_line	Stringing of 2nd circuit of 66kV Coyote ACSR line on existing 66 kV DC towers from 66 kV Keonic City S/s to Location No. 35.	Bengaluru	Bengaluru Urban	To reduce the overload on the existing line. To minimize the interruptions. To meet the future load demand in and around the area. To improve reliability of power supply. To improve voltage profile.	01-Jun-12	01-Apr-18	362 L	01-Jun-12	01-Apr-19	0	0	This work is Terminated on JAN-2017.Replacing first circuit coyte by HTLS taken up by M/s. SPTL from loc -35 to Naganath pura station station.

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2	Mittemari_Evacuation 66kV line: Mittemari to somanahalli	66KV SC line on DC towers proposed 220/66 KV Mittemari station to the proposed 66/11 KV Somenahalli S/S	Bengaluru	CB Pura	To keep all the 220kV substations within 70% of their installed capacity as per the norms of KERC. To meet the fast growing load demands of Begepalli, Mittemari & Chikkaballapura. To maintain quality and un-interrupted power supply to the consumers in and around mittemari & surrounding areas. Reduction in energy loss to an extent of 25.38MU. Alternate 66kV Power supply to existing 66kV Begepalli, Peresandra, Sadali, Julupalya, Somanathapura & Proposed 66/11kV S.s at Pathapalya & Somenahalli. Improvement in system stability & reliability of power supply.	10-Jul-15	09-Jan-17	Included in station cost	10-Jul-15	10-Jul-19	9042.21	9594.58	FQV yet to be approved.
3	BIAL to Vidyanagar-Cable	Running of 66 kV 1000 sq mm, XLPE, UG cable from BIAL (Begur) 220 kV S/s to 66/11 kV Vidyanagar S/s	Bengaluru	Bengaluru Rural	To reduce 66kV line losses. To reduce interruptions in power supply to the area. To release load on the 66kV Peenya- OG plant 3&4 lines. To release load on 220/66/11kV Peenya S/s & OG Plant Yelahanka. To improve the voltage profile in the proposed S/s area. To provide cushion effect to the 220/66/11kV Hebbal and SRS Peenya S/s.	25-Dec-15	14-Dec-16	5948.04	25.12.2015	05-Aug-19	129.84	6129.77	The reasons for delay in completion of the project are mainly due to the delay in issue of road cutting permission from NHAI,PWD & panchayath and ROW issues encountered by the villagers of Shettigere, Doddajala & Muthagadahalli village (Categorised amount)
4	BV Halli	Construction of 66 kV SC tap line on DC towers from 66 kV T.K.Halli-Harohalli SC line to the proposed B.V.Halli S/s	Bengaluru	Ramanagara	Improves the reliability of power supply to the surrounding area. Provides capacity to meet the future load growth Reduces the loading factor of the existing Channapatna & Akkurmole substations Improves the voltage profile in the proposed substation area.	14-Feb-17	13-Feb-18	Included in station cost	15-Feb-17	25-Sep-19	Included in station cost		Included in the station portion
5	Vandaraguppe	Construction of 66 kV SC line on DC towers to tap the existing 66 kV Kanakapura (Kothipura) - Channapatna SC line to the proposed 66/11 kV Vandaraguppe Sub-Station	Bengaluru	Ramanagara	To improve the reliability of power supply to the surrounding area. To meet the future load growth. To reduce the loads on 66/11kV Channapatna S/s. To improve the voltage profile in the proposed S/s area.	18-May-16	17-May-17	Included in station cost	28-May-16	29-11-19	Included in station cost		Included in the station portion
6	Sathanur(achalu)	Construction of 66kV LILO line from existing 66kV Kanakapura-TK Halli SC line-2 to proposed 66/11kV Sathanur (Achalu) substation by using narrow based KPTCL design tower and drake conductor	Bengaluru	Ramanagara	There will be reduction in the length of 11kV feeders feeding that area which reduces the interruptions. Future load growth can be catered The Savings of energy is more. Tail end voltage of these 11kV feeders will also improve. There will be improvement in voltage profile of the areas fed from the proposed Sathanur(Achalu) S/s.	31-Oct-18	30-Jul-19	Included in station cost	05-Feb-19	29-11-19	Included in station cost		Included in the station portion
7	ITI Evacuation line	66kV 1000Sqmm UG cable to 66/11kV NGEF S/s from 220kV ITI substation	Bengaluru	Bengaluru Urban	1. Improvement in voltage conditions around ITI, Banaswadi, NGEF and surrounding areas. 2. Alternate source to existing 66kV s/s at Banaswadi, NGEF & proposed stations b/w ITI & Hosakote. 3. To keep all the 200kV s/s within 70% of their installed capacity.' 4. Reduction in energy loss to an extent of 13.68MU. 5. Improvement in system stability & reliability. 6. Fast growing load demands of ITI & Surrounding areas.	06-Mar-17	05-Nov-18	Included in station cost	28.05.2018	31-12-19	1027.37	8148.59	Railway crossing approval etc.
8	Kumbaranahalli	Running of 66kV 1000 sqmm SC UG cable for a route length of 3.3kms from proposed 220/66/11kV Jigani substation to proposed 66/11kV Kumbaranahalli substation	Bengaluru	Bengaluru Urban	1. Improvement in voltage conditions around Jigini kumbaranahalli and sourrounding areas. 2.to reduce the Load on 66/11kv Jigini sub station. 3. To keep all the 200kV s/s within 70% of their installed capacity. 4. Reduction in energy loss . 5. Improvement in system stability & reliability. 6. Fast growing load demands at Jigini & Surrounding areas.	15-Mar-18	14-Mar-19	Included in station cost	15-Mar-18	14-01-20	171.61	1956.06	UG Cable delayed in 341 days due to delay in construction and commissioning of substation Awarded to M/s. EEE Ltd.

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9	Tadigol Cross	construction of 66 kV LILO line from existing 66 kV Chintamani-Srinivasapura D/C line to proposed 66/11 kV Tadigol Cross sub-station using Narrow based KPTCL design towers and coyote conductor	Bengaluru	Kolar	Length of the 11kV lines reduced, losses will reduce. Improving the voltage regulation of the existing 11kV feeders of 66/11kV Srinivasapura and Lakshmipura S/s. To reduce load on the existing 66/11kV Srinivasapura and Lakshmipura S/s. To provide reliable power supply to consumers. To meet the future load growth if any.	08-Mar-19	07-Dec-19	Included in station cost	08-Mar-19	29-Jan-20	Included in station cost		FQV approved on 22.07.2020 for Rs. 2024.12L Cost over run: Change in tower type as per the field conditions Time over Run : Time over run of 53 days from scheduled date is majorily due to ROW issues encountered during exeution of Transmission line work.
10	Tubagere (LILO arrangement)	Stringing of Second circuit on existing 66kV DC towers from circuit-1 of 66kV NRS Doddaballapura-Chikkaballepura DC line , LILO point to 66/11kV Tubagere S/s	Bengaluru	Bengaluru Rural	To improve the reliability of power supply to the surrounding area. To meet the future load growth. To provide alternate source of supply with protection to Tubegere.	05-Dec-13	04-Jun-14	74.13	14.10.2014	14-Jan-20	1.89	64.2	Work delayed due to ROW issue, Court Case and EC From BESCOM
11	Channarayapatna	Construction of 66 kV SC line on DC towers from 66 kV Sulibele S/s to proposed 66 kV S/s at Channarayapatna S/s	Bengaluru	Bengaluru Rural	Length of the 11kV lines reduced, losses will reduce To meet future load growth To reduce loading factor nearby sub-stations. Voltage regulation at tail ends will be within permissible limits	30-Jun-18	29-Mar-19	Included in station cost	30.07.2018	19-Feb-20	Included in Station portion		Delay at Line side: Delay in execution of line work is mainly due to ROW issues in the proposed line work and corresponding land compensation approval.
12	Bagganadoddi	Running of 3Cx300 sq.mm , 66 kV (E) Grade Copper conductor UG cable from proposed 66/11 kV Kumbaranahalli S/s to proposed 66/11 kV Bagganadoddi S/s	Bengaluru	Bengaluru Urban	There will be reduction in the length of 11kV feeders feeding that area which reduces the interruptions. Future load growth can be catered The Savings of energy is more. Tail end voltage of these 11kV feeders will also improve. There will be improvement in voltage profile of the areas fed from the proposed 66/11kV Bagganadoddi S/s.	30-Jan-19	29-Jan-20	2538.6	30-Jan-19	20-Feb-20	1809.94	1872.83	UG Cable FQV is yet to be Approved. Time over Run: Delay in 21 days is due to Land Allocation from the Tashildhar.AND ROW issue.
13	Huskur	Running 66 kV 1000 sq.mm SC UG cable from existing 66/11 kV Malgudi (Electronic city Sector-II, Phase-II) S/s to proposed 66 kV Huskur (Avalahalli) S/s	Bengaluru	Bengaluru Urban	To reduce the energy losses To meet the future load growth To reduce loading factor nearby sub-stations.	05-Feb-19	04-Feb-20	762.5718	04-Feb-20	11-Mar-20	4341.45	4846.83	Delay in handing over of alternate land by Govt in view of proposed PRR on the land allotted to KPTCL at Chokkasandra..
14	Bommepalli Cross	Construction of 66 kV LILO line from existing 66 kV Chintamani-Errigadale SC line to 66/11 kV S/s at Bommepalli Cross for a distance of 5.553 km using 66 kV NBT KPTCL design towers.	Bengaluru	CB Pura	Voltage regulation of the existing Iragampalli station feeders will be improved. Reduction in the energy loss by reducing the length of 11kV lines. To reduce the loads on existing 66/11kV Iragampalli S/s. Providing reliable power supply to consumers of that area. For system stability and to meet the future load growth.	10-Jan-19	09-Oct-19	Included in station cost	10-Jan-19	21-Mar-20	Included in station cost		FQV is submitted to CEE, TZB on 22.10.2020 amounting to Rs. 733.18L and yet to be approved. Cost over run: Due to provision of 03 numbers of additional 11kV feeders. Time over Run : Time over run of 164 days from scheduled date is majorily due to ROW issues encountered during exeution of Transmission line work.
15	Talagunda village	Construction of 66kV LILO line from existing 66kV Kolar-Vemagal-Kyalanur SC line to proposed Talagunda Village substation	Bengaluru	Kolar	To reduce energy loss by reducing the length of the existing 11kV lines To reduce the loading factor of nearby substation To meet future load growth To minimize the power interruptions To improve the reliability of power supply to the surrounding area.	05-Aug-19	04-May-20	Included in station cost	05-Aug-19	23-Mar-20	Included in station cost		Cost over run: Due to Replacement of coyote conductor of line with drake conductor considering technical aspects.
16	Hettur	Construction of 66kV SC line on DC towers from existing 66kV Arkalgud-Yesiur SC line to proposed 66/11kV Sub-station at Hettur	Hassan	Hassan	To reduce energy loss To reduce loading factor nearby sub-stations. To meet the future load growth. To reduce voltage regulation of 11KV Feeders.	14-Aug-15	13-Aug-16	Included in station cost	14.08.2015	31-May-19	0	833.54	Time overrun is due to delay in approval for cutting of trees by forest department
17	Shettihalli	66kV LILO line on DC towers from 66kV Hassan - CR Patna - Hirisave line	Hassan	Hassan	Evacuation line to 66/11kV sub-station, Shettihally	30-Apr-10	30-Apr-11	Included in station cost	30.04.2010	02-Aug-19	0	0	Time overrun due to ROW issues
18	Kadavinakote to the existing HN Pura-RN Pura link	Constn of 66kV MC line from 220/66kV Station Kadavinkote o the existing H.N.Pura-R.N.Pura line	Hassan	Hassan	Evacuation line to Ramanathapura, Bychanahally & Bandishettihally sub station	17-Jan-19	16-Jul-19	Included in station cost	17.01.2019	30-12-19	0	95.13	Time overrun due to ROW issues and awaiting for approval of worksite

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19	Kadukothanahalli	Construction of 66 kV LILO line on DC towers from existing 66 kV Shimsha-Mandya SC line to proposed 66/11 kV Kadukottanahalli	Mysuru	Mysuru	To improve in voltage regulation To reduce the 11KV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area. Overloading of existing nearby substations is avoided	04-Jul-18	03-Apr-19	Included in station cost	04-Jul-18	03-May-19	Included in station cost	Included in station cost	Delay in commission due to delay in commissioning of station
20	Jannur	Construction of 66 kV SC line on DC towers from existing 66/11 kV Mugur S/s to proposed 66/11 kV Jannur S/s	Mysuru	Chamarajanagar	To improve in voltage regulation To reduce the 11KV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area.	20-Mar-18	19-Dec-18	Included in station cost	28-Mar-18	18-Jun-19	Included in station cost	Included in station cost	Due to delay in Line Re-survey.
21	Chandravadi (Nallinathapura)	Construction of 66 kV LILO line from existing 66 kV Kadakola-Santhesargur-Hura line to 66/11 kV S/s at Chandravadi (Nallitalapura)	Mysuru	Mysuru	To improve in voltage regulation To reduce the 11KV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area. Overloading of existing Hullahalli substation is avoided	24-Mar-18	23-Mar-19	Included in station cost	05.04.2018	08-Jul-19	Included in station cost	Included in station cost	Line work completed within target date, Delay in commission due to commissioning of station by non supplying of power transformer by the agency.
22	Shivanasamudra	Construction of 66KV MC line on MC towers from the proposed 220/66/11KV Sub-station Shivanasamudra(Hebbani Village limits) to link the existing SFC-Vajmangala 66KV DC line (3.702 Kms)	Mysuru	Mandya	1. To improve the system stability and reliability of power supply to the surrounding area 2. To meet the future lod growth 3.To reduce the loads on the existing 220/66KV Maduvanahally and TK hally R/s 4. To improve the voltage profile in the proposed sub-station area 5.To have the future ring of 220KV stations 6.Enables establishment of Green energy corridor which is a transmission project for building high capacity transmission corridor for evacuation of power from renewable energy sources.	15-Mar-18	14-Jun-19	Included in station cost	15-Mar-18	10-Jul-19	Included in station cost	Included in station cost	work completed within target date, Delay in commission due to commissioning of station
23	Shivanasamudra	Construction of 66KV MC line on MC towers from the proposed 220/66/11KV Sub-station Shivanasamudra(Hebbani Village limits) to link the existing SFC-Shimsha-T.K Halli 66KV DC line (3.741 Kms)	Mysuru	Mandya	1. To improve the system stability and reliability of power supply to the surrounding area 2. To meet the future lod growth 3.To reduce the loads on the existing 220/66KV Maduvanahally and TK hally R/s 4. To improve the voltage profile in the proposed sub-station area 5.To have the future ring of 220KV stations 6.Enables establishment of Green energy corridor which is a transmission project for building high capacity transmission corridor for evacuation of power from renewable energy sources.	15-Mar-18	14-Jun-19	Included in station cost	15-Mar-18	10-Jul-19	Included in station cost	Included in station cost	work completed within target date, Delay in commission due to commissioning of station
24	Shivanasamudra	Construction of 66KV MC line on MC towers from the proposed 220/66/11KV Sub-station Shivanasamudra(Hebbani Village limits) to link the existing SFC-Vajmangala(Idle H-frame Line) 66KV SC line (3.514Kms) and Conversion of existing Idle H -Frame SC line to MC line (2.92Kms) from link point SFC station with Modification at SFC station	Mysuru	Mandya	1. To improve the system stability and reliability of power supply to the surrounding area 2. To meet the future lod growth 3.To reduce the loads on the existing 220/66KV Maduvanahally and TK hally R/s 4. To improve the voltage profile in the proposed sub-station area 5.To have the future ring of 220KV stations 6.Enables establishment of Green energy corridor which is a transmission project for building high capacity transmission corridor for evacuation of power from renewable energy sources.	15-Mar-18	14-Jun-19	Included in station cost	15-Mar-18	10-Jul-19	Included in station cost	Included in station cost	work completed within target date, Delay in commission due to commissioning of station
25	Shivanasamudra	Construction of 66KV MC line on MC towers from the proposed 220/66/11KV Sub-station Shivanasamudra(Hebbani Village limits) to link the existing Madhuvanahalli and sathegala 66KV SC line (11.143Kms)	Mysuru	Mandya	1. To improve the system stability and reliability of power supply to the surrounding area 2. To meet the future lod growth 3.To reduce the loads on the existing 220/66KV Maduvanahally and TK hally R/s 4. To improve the voltage profile in the proposed sub-station area 5.To have the future ring of 220KV stations 6.Enables establishment of Green energy corridor which is a transmission project for building high capacity transmission corridor for evacuation of power from renewable energy sources.	15-Mar-18	14-Jun-19	Included in station cost	15-Mar-18	10-Jul-19	Included in station cost	Included in station cost	work completed within target date, Delay in commission due to commissioning of station

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	Target (as per Work Award)			Actuals				Reasons for time overrun/cost overrun, if any
						Date of commencement	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	
26	Kirugavalu LILO	Conversion of 66kV S/C Line on SC Tower to 66kV LILO line on DC Towers from the existing 66kV SFC-Vajamangala DC line	Mysuru	Mandya	Improves the reliability of power supply to the surrounding area. To have alternative source of Power supply to Kirugavalu S/s in case of exigency. Provides protection to Kirugavalu S/s equipments by providing metering & protection system. Interruptions will be reduced. Speedy isolation of faulty section.	26-Jun-18	25-Mar-19	207.6	05.07.2018	06-Sep-19	81.4	155.5	Delay in issue of Line clear & standing crops
27	Gargeshwari	Construction of 66 kV LILO line from existing 66 kV Megalapura- SFC-T.N.Pura SC line to proposed 66/11 kV Sub-station at Gargeshwari	Mysuru	Mysuru	To reduce voltage regulation of 11KV feeders. To reduce energy loss by reducing the length of 11kv lines To reduce loading factor nearby sub-stations. To improve the reliability of power supply to the surrounding area. To meet the future load growth.	14-Jan-19	13-Oct-19	Included in station cost	20.01.2019	21-Dec-19	Included in station cost	Included in station cost	Line work completed within target date. Delay in commission due to commissioning of station by non supplying of power transformer by the agency.
28	Vyasarajapura	Construction of 66 kV LILO line from the existing 66 kV Megalapura-SFC-T.N.Pura SC to 66/11 kV Sub-station at Vyasarajapura	Mysuru	Mysuru	To improve in voltage regulation To reduce the 11KV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area. Overloading of existing Hullhalli substation is avoided	05-Nov-18	04-Aug-19	Included in station cost	15.11.2018	21-Dec-19	Included in station cost	Included in station cost	Line work completed within target date. Delay in commission due to commissioning of station by non supplying of power transformer by the agency.
29	Hariyaladamma Temple (Gangenahalli)	Construction of 66 kV LILO line from existing 66 kV SB Halli - Shravanabelagola line to proposed 66/11 kV S/s at Hariyaladamma Temple	Mysuru	Mandya	To improve in voltage regulation To reduce the 11KV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area. Overloading of existing nearby substations is avoided	04-Jul-18	03-Apr-19	Included in station cost	04-Jul-18	22-Jan-20	Included in station cost	Included in station cost	Delay due to change in type of towers to avoid ROW issues.
30	Koppalur (Mandakalli)(Srinagar)	Construction of 66 kV LILO line from existing 66 kV Kadakola-Mysuru South SC line to 66/11 kV S/s at Mandakalli (Koppalur)	Mysuru	Mysuru	To improve in voltage regulation To reduce the 11KV line length and hence line losses. To meet the feature load growth To improve the reliability of power supply to the surrounding area. Overloading of existing nearby substations is avoided	18-Jan-19	17-Oct-19	Included in station cost	31.01.2019	14-Feb-20	Included in station cost	Included in station cost	Line work completed within target date. Delay in commission due to commissioning of station by non supplying of power transformer by the agency.
31	Maltadihalli	Construction of 66 kV SC line on DC towers for a route length of 11.457 Kms from the proposed 220/66 kV Benkikere S/s to the proposed Maltadihalli S/s	Tumakuru	Chitradurga	1. Improvement in voltage conditions around Maltadihalli, 2. Improves the reliability of Power supply to the surrounding area. 3.Enables to meet the future load growth 4.Un-interrupted power supply can be ensured Redundancy & quality Power supply can be ensured	06-Feb-13	05-Feb-14	Included in station cost	08.03.2013	16-Sep-19	Included in station cost	Included in station cost	Severe ROW issues for completion of the project. Crop/Tree Cut compensation
32	Pavagada_evacuation line 3	Construction of 66 kV MC line by using coyote conductor ACSR conductor proposed 220/66/11 kV Pavagada S/s to link the existing 66 kV DC Madhugiri-Midigeshi Ckt. 1& 2 and Pavagada Ckt. 1& 2	Tumakuru	Tumakuru	Improves the reliability of Power supply to the surrounding area. Enables to meet the future load growth. Improves the voltage profile in the area. Enables to feed the 66kV stations of Pavagada, Shivlapura, Y.N.Hosakote, Nagalamadike, Mangalawada, Venkatapura, Midigeshi, K.D.Halli, etc. Reduces the loading factor of 220/66kV Madhugiri & Gowribidanur S/s. Provides annual energy savings upto 81.5MU and reduction in the system loss upto 21MWs.	16-Jan-13	15-Jul-14	7661.00	21.01.2013	03-Oct-19	821.35	43.71	Sever ROW issues and delay
33	Vishweshwarapura	Construction of 66 kV LILO line on DC towers from existing 66 kV Thallak-Parashurampura SC line	Tumakuru	Chitradurga	To improve the reliability of power supply to the surrounding area. To meet future load growth Overloading of existing nearby substations is avoided To improve the voltage profile in the proposed substation area	20-Mar-18	19-Dec-18	Included in station cost	05.04.2018	18-Nov-19	Included in station cost	Included in station cost	Severe ROW issues for completion of the project. Crop/Tree Cut compensation
							Sub-total Lines	77518.6			84354.0	49391.0	

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	Estimate (as per Work Order)			Actuals				Reasons for time overrun/cost overrun, if any
						Date of commencement	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	
					Augmentations								
					220kV								
1	Naganathapura	Replacement of 2X100 MVA by 2X150 MVA, 220/66/11 KV Power Transformer	Bengaluru	Bengaluru Urban	1. Improvement in voltage conditions around Electronicity phase 11 sector 11i and sourrounding areas. 2.to reduce the load on 220kv Naganathpura sub station. 3. To keep all the 200kV s/s within 70% of their installed capacity. 4. Reduction in energy loss . 5. Improvement in system stability & reliability. 6. Fast growing load demands atElectronicity & Surrounding areas.	20-Mar-18	19-Mar-19	1777.57	20-Mar-18	18-Mar-20	967.99	1489.93	Delay in issue of Line clear for replacement of 100 transformers feeding to Electonic city and surrounding area.
					110kV								
1	Zalki	Replacement of 10 by 20MVA 110/11kV power transformer	Bagalkote	Vijayapura	Voltage regulation at tail ends will be within permissible limits. Future load growth can be met. After replacement, the load on the other Transformer will be reduced.	4-Jun-19	19-Nov-19	256.11	02-Nov-19	25-Nov-19	1.42	1.42	Repaired good Transformer is supplied. Erection & Commissioning work was done by TL&SSM Division.
2	Hangal	Providing additional 1X10MVA, 110/11kV Power Transformer	Bagalkote	Haveri	Line losses on 11kV are reduced, since bifurcation of feeders can be done. Voltage regulation at tail ends will be within permissible limits. Future load growth can be met. After providing 1X10MVA, 110/11kV Power Transformer at Hanagal S/s, the load on the existing 1X10MVA, 110/11kV Power Transformer will be reduced.	22-Mar-18	6-Sep-18	109.72	09-May-19	10-Dec-19	5.62	90.80	Constructed Trf is not suitable not suitable for allotted repirad good Pr Trf and hence the Trf bed was extended. >Relay problem in dept supplied switchgear. >Due to heavy rain fall Trf oil filteration could not be carried out.
3	Kittur	Swapping of 20MVA, 110/33KV & 10MVA, 110/11KV Power Transformers with additional 11KV switch gear	Bagalkote	Belagavi	Voltage regulation at tail ends will be within permissible limits. Future load growth can be met. After swapping of Power Transformers, the load on the existing 1X10MVA, Power Transformer will be reduced.	22-Feb-18	06-Jun-18	109.42	23-Feb-18	13-Jan-20	14.91	87.69	Time over run in 19 months 7 Days Due to delay in supply of transformer (Department scope) exess due to establishment IDC charges.
4	Nagaramunnoli	Replacement of 1X10MVA by 1X20MVA, 110/11kV Power transformer	Bagalkote	Belagavi	Voltage regulation at tail ends will be within permissible limits. Future load growth can be met. After replacing 1X10MVA Power Transformers by 1X20MVA, Power Transformer at Nagarmunnoli S/s , reliable power supply can be arranged.	2-Jan-19	1-Jul-19	246.93	07-Jan-19	09-Mar-20	48.79	70.66	Time over run in 8 months 8 Days Due to delay in supply of SWG (Department scope) Savings in DWA repaired good Tfr is alloted
5	Bisnal	Creating 33kV reference by installing 1X20 MVA 110/33kV transformer	Bagalkote	Bagalkote	Loading of 1x20MVA, 110/33kV Transformer at 110kV Bilagi S/s will be reduced. Future load growth can be met. Reliable power supply can be arranged to 33kV Teggi S/s. Voltage regulation at tail ends will be improved.	21-Feb-19	5-Aug-19	342.41	02.04.19	12-Mar-20	177.92	268.19	Due to delay in supply of transformer (Department scope)
6	Satti	Providing 1X10MVA 110/11kV Power Transformer	Bagalkote	Belagavi	Voltage regulation at tail ends will be improved. Future load growth can be met. To reduce loading of Transformers. To reduce the load on the existing Power Tr. at Satti S/s. Interruptions will be minimized.	23-Feb-19	20-Aug-19	289.84	05-Mar-19	18-Mar-20	20.2	89.51	Time over run in 7 months Due to SWG to be supplied departmentally and commissioned (Department scope) savings in DWA repaired good Tfr is alloted
7	Sulthanpur	Replacement of 1X10MVA by 1X20MVA, 110/11kV Power transformer	Bagalkote	Belagavi	Voltage regulation at tail ends will be improved. Future load growth can be met. To reduce loading of Transformers. Interruptions will be minimized.	22-Mar-18	6-Sep-18	281.48	23-Mar-20	23-Mar-20	174.51	246.93	Time over run in 18 months 17 Days Due to delay in supply of transformer (Department scope)

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	Target (as per Work Award)			Actuals				Reasons for time overrun/cost overrun, if any
						Date of commencement	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	
8	Madhuvana	Providing additional 1X10MVA 110/11kV power transformer	Hassan	Udupi	To transfer the load of the existing power transformers in emergency. To minimize the interruption and improve the reliability of power supply to surrounding areas. To shift the power transformer in case of failure in nearby S/s to help in reducing the time of restoration of power supply. To improve the voltage condition in the system. Improvement in system stability. Reliable power supply can be arranged to 110kV downstream S/s.	30-Oct-18	29-Jul-19	256.44	30-Nov-18	12-Sep-19	85.53	99.85	Due to delay in supply of transformer (Department scope)
9	Salethur	Additional 10MVA 110/11kV power transformer	Hassan	Dakshina Kannada	To transfer the load of the existing power transformers in emergency. To minimize the interruption and improve the reliability of power supply to surrounding areas. To shift the power transformer in case of failure in nearby S/s to help in reducing the time of restoration of power supply. To improve the voltage condition in the system. Improvement in system stability. Reliable power supply can be arranged to 110kV downstream S/s.	20-Nov-18	19-Aug-19	285.78	31-Dec-18	18-Sep-19	125.97	145.26	Due to delay in supply of SWG & transformer.(Department scope)
10	Soraba	Replacement of 10 by 20MVA power transformer	Hassan	Shivamogga	To release load of the existing overloaded Transformers. To meet future load growth. To improve the voltage profile in the existing S/s area. To provide redundancy and uninterrupted power supply to consumers in the area.	06.06.2020	06.12.2020	96.51	12.10.2020	13-Dec-19	0	198.63	Power transformer commissioned on 13.12.2019 Awarded for switchgear portion. 11 KV Switch Gear to be supplied for completion of work. (Department Supply)
11	Nellamandnur	Providing additional 1x20 MVA, 110/33 kV Power Transformer	Hassan	Dakshina Kannada	To transfer the load of the existing power transformers in emergency. To minimize the interruption and improve the reliability of power supply to surrounding areas. To shift the power transformer in case of failure in nearby S/s to help in reducing the time restoration of power supply. To improve the voltage condition in the system.	20-Nov-19	19-Aug-19	341.27	18.02.2019	04-Jan-20	281.08	306.82	Delay in supply of power transformer
12	Essuru	Replacement of 10 by 20 MVA 110/11kV power transformer	Hassan	Shivamogga	To release load of the existing overloaded Transformers. To meet future load growth. To improve the voltage profile in the existing S/s area. To provide redundancy and uninterrupted power supply to consumers in the area.	01.06.2020	01.12.2020	100.84	15.11.2020	03-Jan-20	0	177.81	Power transformer commissioned on 03.01.2020. Awarded for switchgear portion. 11 KV Switch Gear to be supplied for completion of work. (Department Supply)
13	Sagara	Replacement of 10 by 20MVA 110/33kV power transformer	Hassan	Shivamogga	To release load of existing overloaded Transformers. To meet future load growth. To improve the voltage profile in the existing S/s area. To provide redundancy and uninterrupted power supply to consumers in the area.	08.06.2020	07.12.2020	214.18	15.09.2020	23-Jan-20	154.32	158.57	Power transformer Commissioned, other switchgear Work under progress.
14	Sagara	Replacement of 10 by 20MVA 110/33kV power transformer	Hassan	Shivamogga	To release load of the existing overloaded Transformers. To meet future load growth. To improve the voltage profile in the existing S/s area. To provide redundancy and uninterrupted power supply to consumers in the area.	08.06.2020	07.12.2020	267.8	15.09.2020	24-Jan-20	0.00	133.94	Power transformer Commissioned, other switchgear Work under progress.
15	Gurupura	Replacement of 1 x10 MVA, 110/11kV by 1 x20 MVA, 110/11kV Power Transformer	Hassan	Dakshina Kannada	To reduce the load of the existing power Transformer. To meet future load growth. To minimize the interruption and to improve the reliability of power supply to the surrounding area. To improve voltage condition in the system.	3-Oct-18	2-Apr-19	219.89	24.09.2019	20-Feb-20	23.8	182.38	Delay in supply of power transformer
16	Thogarsi	Providing additional 1x10MVA 110/11 kV Power Transformer	Hassan	Shivamogga	To provide reliable power supply to surrounding area. To reduce the loads on the existing power tr. in the S/s. To meet the future load growth.	8-Mar-19	7-Sep-19	143.98	06.06.2019	16-Mar-20	47.91	88.76	Due to delay in supply/allotment of Power transformer by KPTCL FQV submitted, awaiting for approval.

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	Budget (at the time of Work Award)			Actual				Reasons for time overrun/cost overrun, if any
						Date of commencement	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	
17	Javagal	Replacement of 10 by 20MVA 110/11kV power transformer	Hassan	Hassan	To release load of existing overloaded Transformers. To meet future load growth. To improve the voltage profile in the existing S/s area. To provide redundancy and uninterrupted power supply to consumers in the area.	30-Jan-19	29-Oct-19	204.2	10.03.2020	21-Mar-20	197.06	204.01	Transformer was commissioned on 21.03.2020 but actual date of completion is 10.07.2020 Due to delay in issue of Power Transformer from KPTCL
18	Munirabad Power House station	Installing 1X10 MVA 110/11kV Power Transformer	Kalaburagi	Koppal	Future load growth can be met. It will provide reliable & quality power supply. The voltage will improve at the tail end. Variation of voltages can be regularized easily as per the request of GESCOM. Loading on 110/33kV Transformer will be reduced.	28-Oct-17	27-Jan-18	184.4	05-Feb-19	06-May-19	0	43.75	110kV SF6 breaker supplied by M/s. GE T&D ltd. on 20.04.2019 (KPTCL supply)
19	Kamalapur	Providing 1X10MVA 110/11kV Power Transformer	Kalaburagi	Ballari	Line losses on 11kV are reduced, since bifurcation of feeders can be done. Voltage regulation at tail ends will be within permissible limits. Future load growth can be met. After providing 1X10MVA, 110/11kV Power Transformer at Hanagal S/s, the load on the existing transformer will be reduced. Overloading of existing transformer during Hampi Utsav & existing Kannada University at that place will be avoided. Improves the reliability of Power supply to surrounding area. BCR works out to 1.62 Interruptions will be minimized. Power supply arrangins in spells will be avoided.	20-Dec-18	19-Oct-19	242.68	08-Jan-19	30-Dec-19	120.64	151.13	*Reason for savings:* Due to saving in the following items. 1) Drake ACSR Conductor. 2) 11KV Tension/Suspension insulator string and 3) PVC copper control cables. *Reason for time over run:* There is no delay as per clause No. 2.0 of LOI
20	Kalaburagi West	Providing additional 1 x 20 MVA, 110/33/11 kV Power Transformer	Kalaburagi	Kalaburagi	Improves the reliability of Power supply to surrounding area. Provides capacity to meet the future load growth. Reduces the loading factor of the existing power transformers. Improves the voltage profile in the proposed S/s area.	15-Dec-18	14-Sep-19	356.58	22.12.2018	21-Mar-20	180.93	375.34	Delayed in 6 months because delay in supply of 20MVA power transformer by Department (KPTCL).
21	Gurmitkal	Creating 33kV Reference by providing additional 1 x 20 MVA, 110/33 kV Power Transformer	Kalaburagi	Yadgir	Improves the reliability of Power supply to surrounding area. Provides capacity to meet the future load growth. Reduces the loading factor of the existing power transformers. Improves the voltage profile in the proposed S/s area.	13-Feb-19	12-Nov-19	326.12	20.02.2019	23-Mar-20	170.88	351.70	Delayed in 4 months because delay in supply of 20MVA power transformer by Department (KPTCL).
22	Gubbi	Replacement of 2X10 by 2X20MVA 110/11kV power transformer	Tumakuru	Tumakuru	To release the overload on the existing power transformers To provide system stability. To minimize the interruptions and to provide reliable power supply to consumers in & around the said area. To meet the future load growth if any.	02.10.2018	30Days from the Award or Last date of issue of Line Clear	205.3	02.10.2018	16.08.2019	225.41	0	Another power Tr to be allotted
23	Sampige	Replacement of 10 by 20MVA 110/11kV power transformer	Tumakuru	Tumakuru	Improves the reliability of Power supply to surrounding area. To meet future load growth.	08.09.2019	30Days from the Award or Last date of issue of Line Clear	204.5	08.09.2019	11.11.2019	172.48	16.55	
					66kV								
1	Attibele	Repalcement of 20 by 31.5MVA power transformer	Bengaluru	Bengaluru Urban	Improves the reliability of Power supply to surrounding area. Removes the overloading of existing power transformer. To meet future load growth.	22-Jul-19	31.10.2019 (45 days from date of award/ 15 days from last LC whichever is later. LC date: 16.10.2019)	318.13	24.07.2019	17-Oct-19	-	-	Repaired good Transformer allotted. Commissioned on 17.10.2019. 11 kV Switchgear to be supplied by M/s. MEI.

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	Target (as per Work Award)			Actuals				Reasons for time overrun/cost overrun, if any
						Date of commencement	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	
2	Nandagudi	Replacement of 2X12.5 by 2X20MVA 66/11kV Power Transformer	Bengaluru	Bengaluru Rural	Improves the reliability of Power supply to surrounding area. To meet future load growth.	-	08.11.2019	397.39	01-Oct-19	08-Nov-19	-	-	1st Power Transformer is commissioned on 08.11.2019. Repaired good 20MVA PTr repaired by M/s.KKRAO allotted for the work. 2nd Power Transformer is allocated from 66kV S/s Adugodi and is yet to be transported. Also oil leakage is high in the allotted Power Transformer and the same is to be rectified. Work award issued dtd: 08.12.2020. Cost Diff: 1st Tr-Repaired good Tr allotted / 2nd Tr- Released good Tr allotted. Erection is yet to be taken up
3	Naganathapura	Replacement of 2X20 by 2X31.5MVA 66/11kV Power Transformer	Bengaluru	Bengaluru Urban	Improves the reliability of Power supply to surrounding area. To meet future load growth.	01.11.2019	30.11.2019	530	13.11.2019	21-Nov-19	187.32	348.12	Tr Commissioned on 21.11.2019 2nd Tr Commissioned on 06.02.2020
4	Chikkeballapura IA	Replacement of 12.5 by 20MVA 66/11kV Power Transformer	Bengaluru	CB Pura	Improves the reliability of Power supply to surrounding area. To meet future load growth.	-	05.12.2019	202.57	01-Oct-19	21-Nov-19	-	-	Repaired good Power Transformer (failed at BMTC S/s) was allotted and Commissioned on 21.11.2019. Hence no expenditure for this work.
5	Tekal	Replacement of 8 by 12.5MVA 66/11kV power transformer	Bengaluru	Kolar	To reduce the load on the existing power transformer. To improve the voltage level. To provide scheduled power supply to all the consumers. To provide reliable power supply to consumers. To meet the future load growth.	14-Nov-19	13-Dec-19	144.08	15-Nov-19	26-Nov-19	-	1.33	Released good 12.5MVA PTr Tr was allotted from 66kV S/s Nandagudi. Commissioned on 26.11.2019. There is no delay in commissioning of the said Power Transformer. Cost diff: Released good Tr allotted. Only expenditure for erection booked.
6	Ranganadoddi	Replacement of 12.5 by 20 MVA 66/11kV power transformer	Bengaluru	Ramanagara	Improves the reliability of Power supply to surrounding area. Removes the overloading of existing power transformer. To meet future load growth.	7-Dec-19	9-Dec-19	205.12	7-Dec-19	09-Dec-19	4.78	-	Released good Tr from Naganathapura was allotted and commissioned on 09.12.2019
7	Magadi	Replacement of 12.5 by 20MVA 66/11kV Power Transformer	Bengaluru	Ramanagara	Improves the reliability of Power supply to surrounding area. Removes the overloading of existing power transformer. To meet future load growth.	18-Feb-19	10-Jan-20	178.95	01-Jan-20	30-Jan-20	-	-	Repaired good transformer is allotted and Tr commissioned on 30.01.2020
8	Sulibele	Replacement of 12.5 by 20 MVA 66/11kV power transformer	Bengaluru	Bengaluru Rural	Improves the reliability of Power supply to surrounding area. Removes the overloading of existing power transformer. To meet future load growth.	01-Jan-20	20-Feb-20	206.87	01-Feb-20	11-Feb-20	0	131.92	New 1x20MVA P.Tr allocated & commissioned on 10.02.2020. There is no delay in commissioning of the said Power Transformer.
9	Prestige Shanthiniketan	Replacing of 1X20 MVA by 1X31.5 MVA 66/11kV power transformer	Bengaluru	Bengaluru Urban	Improves the reliability of Power supply to surrounding area. To meet future load growth.	01.02.2020	20-Feb-20	248.9	02.02.2020	06-Feb-20	0	156	Commissioned on 06.02.2020
10	Volvo	Replacing of 1X6.3 MVA by 1X12.5 MVA 66/11kV power transformer	Bengaluru	Bengaluru Rural	Improves the reliability of Power supply to surrounding area. To meet future load growth.	01.02.2020	08.02.2020	139.36	01-Feb-20	21-Feb-20	0	2.27	Released good 12.5MVA Power Transformer commissioned on 21.02.2020
11	Talagavara	Replacement of 12.5 by 20 MVA 66/11kV power transformer	Bengaluru	CB Pura	To reduce the load on the existing power transformer. To minimize the interruptions and to provide continuous 3-phase power supply to all feeders. To provide reliable power supply to consumers. To meet the future load growth.	01.02.2020	01.03.2020	204.64	01.02.2020	25-Feb-20	126.87	153.22	New 20MVA power transformer allotted for the work. Commissioned on 25.02.2020. There is no delay in commissioning of the said Power Transformer.
12	Andersonpet	Replacing of 2X8 MVA by 2X12.5 MVA 66/11kV power transformer	Bengaluru	Kolar	Improves the reliability of Power supply to surrounding area. Removes the overloading of existing 2x8MVA 66/11kV power transformers. To meet future load growth.	15.02.2020	07.03.2020	269.61	01.02.2020	27-Feb-20	0	101.57	New 12.5MVA Power Transformer allocated for the work. Commissioned on 27.02.2020. There is no delay in commissioning of the said Power Transformer.
13	MG Halli	Replacing of 1X8 MVA by 1X12.5 MVA 66/11kV power transformer	Bengaluru	CB Pura	Improves the reliability of Power supply to surrounding area. Removes the overloading of existing 2x8MVA 66/11kV power transformers. To meet future load growth.	15.02.2020	17.03.2020	110.49	15.02.2020	06-Mar-20	0	1.53	Released good 12.5MVA PTr allotted from 66kV S/s sulibele (Ltr No: 17584-87 dtd: 20.12.2019). Commissioned on 06.03.2020. There is no delay in commissioning of the said Power Transformer.
14	Cheemangala	Replacing of 1X8 MVA by 1X12.5 MVA 66/11kV power transformer	Bengaluru	CB Pura	Reduces the load on existing power transformer. Enables to meet future load growth.	01.03.2020	14.03.2020	143.26	01.03.2020	12-03-20	0	1.45	Released good 12.5MVA PTr allotted from 66kV S/s Talagwara. Commissioned on 12.03.2020. There is no delay in commissioning of the said Power Transformer.
15	Hukunda	Additional 8MVA 66/11kV power transformer	Bengaluru	Ramanagara	Improves the reliability of Power supply to surrounding area. To meet future load growth.	7-Nov-18	6-Apr-19	225.17	15-Nov-18	05-Mar-20	27.33	49.24	Time Overrun: Delay by agency. Cost diff: 8 MVA Tr supplied by KPTCL.
16	Brigade Metropolisdi	Replacement 2X20 by 2X31.5 MVA 66/11kV power transformer	Bengaluru	Bengaluru Urban	To reduce the load of the existing power Transformer. To improve the voltage level & to provide schedules power supply to the consumers. To cater the additional load. To provide quality & reliable power supply to the consumers. To meet the future load growth. To provide system stability.	01.03.2020 01.03.2020	30.03.2020 30.03.2020	550.56	07.03.2020 12.03.2020	23-03-2020 06.06.2020	-	338.14	New 2x31.5 MVA Transformers allotted. Commissioned on 1st Tr: 20.03.2020 2nd Tr: 06.06.2020 (Delayed due to COVID-19)
17	Tavalur	Replacing of 1X8 MVA by 1X12.5 MVA 66/11kV power transformer	Bengaluru	Kolar	Improves the reliability of Power supply to surrounding area. Enables to meet future load growth.	01.03.2020	29.04.2020	141.48	01.03.2020	31-Mar-20	0	1.67	Released good allotted from 66kV S/s Magadi. Formal work award issued for the work. Commissioned on 31.03.2020. There is no delay in commissioning of the said Power Transformer.

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	at (as ... Work ...rd)			Actuals				Reasons for time overrun/cost overrun, if any
						Date of commencement	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	
8	Bychanahalli	Providing additional 1X8MVA 66/11kV Power Transformer	Hassan	Hassan	To transfer the load of the existing power transformers in emergency. To minimize the interruption and improve the reliability of power supply to surrounding areas. To shift the power transformer in case of failure in nearby S/s to help in reducing the time restoration of power supply. To improve the voltage condition in the system. Improvement in voltage. Improvement in system stability. Reliable power supply can be arranged to 66kV downstream S/s.	18-Aug-18	17-May-19	232.09	18.08.2019	22-Jul-19	13.5	104.38	Delay is due to execution of work from agency.
9	Holaluru	Replacement of 8 by 12.5MVA 66/11kV power transformer	Hassan	Shivamogga	To provide reliable power supply to surrounding area. To reduce the loads on the existing power tr. in the S/s. To meet the future load growth. To improve the voltage profile in the proposed S/s area. To arrange continuous 8hrs, 3 ph power supply to 11kV rural feeders and also to provide continuous power supply to urban feeders.	12-Oct-18	11-Apr-19	95.01	10.12.2018	13-Sep-19	77.41	82.71	Delay due to supply of Power Transformer.
10	Chikkabommenahally	Additional 8MVA 66/11kV power transformer	Hassan	Hassan	To transfer the load of the existing power transformers in emergency. To minimize the interruption and improve the reliability of power supply to surrounding areas. To shift the power transformer in case of failure in nearby S/s to help in reducing the time restoration of power supply. To improve the voltage condition in the system. Improvement in voltage. Improvement in system stability. Reliable power supply can be arranged to 66kV downstream S/s.	9-Nov-18	8-Aug-19	244.09	09.11.2018	21-Oct-19	0	80.08	Due to delay in issue of Power Transformer from KPTCL
11	CR Patna	Replacement of 1X12.5 by 1X20 MVA 66/11kV Power Transformer	Hassan	Hassan	To reduce the load of the existing power Transformer. To meet future load growth. To minimize the interruption and to improve the reliability of power supply to the surrounding area. To improve voltage condition in the system.	3-Aug-19	2-Feb-20	204.36	14.10.2019	04-Nov-19	0	158.28	Power Transformer received on 21.09.2019 and commissioned 04.11.2019. RTCC Panel , CT & NCT , Power cable and control cable was delay supplied by the firm. Due to delay in supply of materials and due to COVID-19
12	Chikkamagaluru	Replacement of 2X12.5 MVA by 1X20 MVA, 66/11kV Power transformer	Hassan	Chikkamagaluru	To provide reliable power supply to surrounding area. To reduce the loads on the existing power tr. in the S/s. To meet the future load growth. To improve the voltage profile in the proposed S/s area. To arrange continuous 8hrs, 3 ph power supply to 11kV rural feeders and also to provide continuous power supply to urban feeders.	8-May-19	7-Nov-19	349.86	01.07.2019	25-Nov-19 & 28-Dec-19	185.33	240.73	Delay due to supply of Power Transformer.
13	Juttanahally	Additional 1 X 8 MVA, 66/11 KV Power Transformer	Hassan	Hassan	Improves the reliability of Power supply to surrounding area. Provides capacity to meet future load growth. Reduces the loading factor of the existing power transformer. Improves the voltahe profile in the S/s area.	30-Jan-19	29-Oct-19	222.45	30.01.2019	18-Dec-19	22.47	114.06	Due to delay in issue of Power Transformer from KPTCL
14	Salagame	Replacement of 2x8MVA, 66/11kV by 2x12.5MVA Power Transformer	Hassan	Hassan	To reduce the load of the existing power Transformer. To meet future load growth. To minimize the interruption and to improve the reliability of power supply to the surrounding area. To improve voltage condition in the system.	23-Oct-18	22-Apr-19	275.27	09.12.2019	27-Dec-19	1.78	109.12	Only 1*12.5MVA Power Tr is commissioned. Due to delay in issue of Power Transformer from KPTCL 12.5 MVA Power Transformer to be allotted from KPTCL.
15	Belur	Replacement of 6.3 by 12.5MVA 66/11kV power transformer-2	Hassan	Hassan	To reduce the load of the existing power Transformer. To meet future load growth. To minimize the interruption and to improve the reliability of power supply to the surrounding area. To improve voltage condition in the system. The HTVR of existing feeders are reduced from abnormal limits to specified limits. Quality power supply to consumers can be achieved. Smooth maintenance of substation.	30-Jan-19	29-Jul-19	152.68	05.11.2019	11-Dec-19	12.52	14.87	Due to reorientation of transformer, new transformer bay has been formed. Due to delay in issue of Power Transformer from KPTCL
16	K Byrapura	Additional 8MVA 66/11kV power transformer	Hassan	Hassan	To transfer the load of the existing power transformers in emergency. To minimize the interruption and improve the reliability of power supply to surrounding areas. To shift the power transformer in case of failure in nearby S/s to help in reducing the time restoration of power supply. To improve the voltage condition in the system. Improvement in voltage. Improvement in system stability. Reliable power supply can be arranged to 66kV downstream S/s.	30-Jan-19	29-Oct-19			18-Dec-19			

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	Target (as per Work Award)			Actuals				Reasons for time overrun/cost overrun, if any
						Date of commencement	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	
27	Shanivarasanthe	Providing additional 1X8 MVA 66/11kV Power Transformer	Mysuru	Kodagu	To provide reliable power supply to the surrounding area. To improve the voltage profile in the proposed substation area To meet future load growth To provide redundancy and uninterrupted power supply to consumers	30-Jan-19	29-Oct-19			02-Jan-20			Delay in commencement of work due to forest issues in the proposed station land. (pertains to Hassan zone)
28	Chikkakondagola	Replacement of 12.5 by 20 MVA 66/11kV power transformer	Hassan	Hassan	To release the load of existing overloaded transformers. To meet the future load To improve the voltage profile in the existing subatation area To provide redundancy and uninterrupted power supply to consumers	6-Aug-19	5-Feb-20	200.58	27.12.2019	14-Jan-20	0.09	167.24	-
29	Halebeedu	Replacement of 12.5 MVA by 20 MVA, 66/11kV Power transformer	Hassan	Hassan	To release the load of existing overloaded transformers. To meet the future load To improve the voltage profile in the existing subatation area To provide redundancy and uninterrupted power supply to consumers	6-Mar-19	5-Sep-19	229.09	25.10.2019	17-Jan-20	0.01	159.16	As the firm didn't supply labour at correct time & Transformer supplied/allotted is late. Transformer was commissioned on 21.03.2020 but actual date of completion is 04-Nov-20.
30	Rameshwarenagara	Replacement of 2X8 by 2X12.5MVA 66/11kV power transformer	Hassan	Hassan	To release the load of existing overloaded transformers. To meet the future load To improve the voltage profile in the existing subatation area To provide redundancy and uninterrupted power supply to consumers	30-Jan-19	29-Jul-19	292.35	06.01.2020	21-Jan-20 & 24-Jan-20	6.77	119.75	Due to delay in supply/ allotment of Transformer.
31	Tyvarachatnahalli	Replacement of 1X6.3MVA by 1X12.5MVA, 66/11kV Power transformer	Hassan	Shivamogga		27-Nov-18	26-Apr-19			29-Jan-20			
32	Banavikallu	Providing additional 1x8MVA, 66/11kV transformer	Kalaburagi	Ballari	To reduce the loan on existing power transformer To improve the reliability of power supply. To meet the future load growth. To improve the voltage profile in the sub-station area.	20-Dec-18	19-Oct-19	180.84	08-Jan-19	28-Nov-19	94.01	120.17	*Reason for Excess:* Due to excess in the following items. 1) 11KV Isolator 2) PVC copper control cables. *Reason for Time over run:* There is no delay as per clause No. 2.0 of LOI
33	Kogali	Providing additional 1x8MVA 66/11kV Power Transformer	Kalaburagi	Ballari	To reduce the loan on existing power transformer To improve the reliability of power supply. To meet the future load growth. To improve the voltage profile in the sub-station area.	20-Dec-18	19-Oct-19	178.18	08-Jan-19	03-Dec-19	99.39	125.97	*Reason for savings:* Due to saving in the following items. 1) 9 mtr RCC pole. 2) Drake ACSR Conductor. 3) 11KV Tension/Suspension insulator string and 4) PVC copper control cables. *Reason for time over run:* There is no delay as per clause No. 2.0 of LOI
34	Sovenahalli	Providing additional 1x8MVA, 66/11kV Transformer	Kalaburagi	Ballari	To reduce the loan on existing power transformer To improve the reliability of power supply. To meet the future load growth. To improve the voltage profile in the sub-station area.	20-Dec-18	19-Oct-19	178.52	08-Jan-19	09-Jan-20	97.02	123.96	Reasong for savings: Due to saving in the following items. 1) 9 mtr RCC pole. 2) Drake ACSR Conductor. 3) 11KV Tension/Suspension insulator string and 4) PVC copper control cables. *Reason for time over run :* The delay in commissioning of the work was due to in construction of baffle wall as the transformer conservator tank of exisitng and proposed transformer were at same side
35	HB halli	Replacement of 1X 8MVA by 1X12.5MVA 66/11KV power transformer	Kalaburagi	Ballari	To meet future load growth To provide reliable & quality power supply Voltage will improve at the tail end To release the overload on the existing power transformer	3-Dec-18	2-Jun-19	136.45	18.12.2019	31-Jan-20	0	98.7	Power Transformer arrived on 18.12.2019 at site (KPTCL scope)
36	Venkatapura	Replacement of 1X8MVA by 1X12.5MVA 66/11kV Power Transformer	Kalaburagi	Ballari	To improve the reliability of power supply to the surrounding area. To release the overload on the existing power transformer To improve the voltage profile in the proposed substation area To meet future load growth	9-Oct-19	08-Apr-20	155.46	26.12.2019	21-Feb-20	12.06	103.33	Power Transformer arrived on 26.12.2019 at site (KPTCL scope)
37	Kunthur	Providing additional 1x8 MVA,66/11 kV Power Transformer	Mysuru	Chamarajanagar	To improve the reliability of power supply to the surrounding area. Remove the overloading of existing power transformer To meet future load growth	17-Sep-18	16-Jun-19	126.33	26-Sep-20	05-Jul-19	77.96	93.04	Delay in supply of 66/11 KV Power Transformer.
38	Bandalli	Providing additional 1x8MVA 66/11kV Power Transformer	Mysuru	Chamarajanagar	To improve the reliability of power supply to the surrounding area. To meet future load growth	17-Sep-18	16-Jun-19	159.46	29-Sep-18	18-Sep-19	95.25	117.74	Delay in supply of 66/11 KV Power Transformer.
39	Tubinakere	Providing Spare 12.5 MVA 66/11 kV transformer (instead of 12.5, 8MVA commissioned)	Mysuru	Mandya	To avoid overloading of the existing transformer Alternate auxiliary supply to the 220KV R/s	4-Mar-14	3-Dec-14	179.48	4-Mar-14	23-Sep-19	0.00	38.23	Delay due to supply of 12.5MVA power Transformer

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	et (as per Work ord)			tuals				Reasons for time overrun/cost overrun, if any
						Date of commencement	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	
30	Begur	Replacement of 8 by 12.5MVA 66/11kV power transformer	Mysuru	Chamarajanagar	To improve the reliability of power supply to the surrounding area. To meet future load growth To reduce the load on existing transformers To improve the voltage profile in the existing substation area	30-Jun-17	29-Dec-17	220.69	10-Jun-17	18-Oct-19	128.92	168.05	Due to delay in Supply of Power Transformer by KPTCL
31	Bakkanahalli	Replacement of 6.3 by 12.5MVA 66/11kV power transformer	Mysuru	Mandya	To avoid overloading of the existing transformer Quality power supplyn to consumers can be achived To meet future load growth	29-Jun-17	28-Dec-17	176.19	29-Jun-17	23-Oct-19	27.29	58.88	Delay due to supply of 12.5MVA power Transformer
32	TN Pura	Replacement of 2X12.5 by 2X20MVA 66/11kV Power Transformer	Mysuru	Mysuru	To avoid overloading of the existing transformer Quality power supplyn to consumers can be achived To meet future load growth	14-Sep-18	13-Mar-19	490.92	22.09.2018	1st Transformer commissioned on 11/6/2019	262.72	295.39	Delay in supply of 20MVA Power Transformer from KPTCL end . 1st 20MVA Power Transformer supplied on 17.09.2019 & commissioned on 06.11.2019 2nd 20MVA Power Transformer supplied on 10.12.2020 & to be commissioned 11kv SWG supplied on 12.12.2019 and commissioned on 20.09.2020
33	Kadaballi	Providing additional 1 X 12.5 MVA, 66/11 KV Power Transformer	Mysuru	Mandya	To improve the reliability of power supply to the surrounding area. To meet future load growth	26-Aug-18	27-May-19	227.71	26-Aug-18	27-Nov-19	169.98	209.3	Delay due to supply of 12.5MVA power Transformer
34	Basaralu	Replacement of 1 X 6.3 MVA by 1 X 12.5 MVA 66/11kV Transformer.	Mysuru	Mandya	To improve the reliability of power supply to the surrounding area. To avoid overloading of the existing transformer To improve the voltage profile in the substation area To meet future load growth	30-Jun-17	29-Dec-17	193.16	30-Jun-17	02-Jan-20	111.43	140.75	Delay due to supply of 12.5MVA power Transformer and 11KV switchgear
35	Mandya KIADB	Replacing 1x12.5MVA, 66/11kV by 1x20MVA, 66/11kV transformers	Mysuru	Mandya	To improve the reliability of power supply to the surrounding area. To avoid overloading of the existing transformer To meet future load growth	2-Aug-19	01-Feb-20	218.74	2-Aug-19	31-Jan-20	172.39	176.82	Delay due to supply of 11KV switchgear
36	Ponnampet	Replacing 1 X 8MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer	Mysuru	Kodagu	To improve the reliability of power supply to the surrounding area. To reduce the load on existing power transformer in the substation To improve the voltage profile in the existing substation area To meet future load growth	13-Feb-19	12-Aug-19	157.52	13-Feb-19	28-Oct-20	113.88	124.37	Delay due to supply of 12.5MVA power Transformer and 11KV switchgear
37	Yethambadi	Providing additional 1 X 12.5 MVA, 66/11 KV Power Transformer.	Mysuru	Mandya	To improve the reliability of power supply to the surrounding area. To avoid overloading of the existing transformer To meet future load growth	30-Jun-17	29-Dec-17	246.36	30-Jun-17	14-Feb-20	47.73	222.54	Delay due to supply of 12.5MVA power Transformer and 11KV switchgear
38	Nanjanagud	Replacement of 1X12.5 by 1X20MVA power transformer	Mysuru	Mysuru	To reduce the load on the existing transformer To minimize the interruptions and to provide continous power supply to all feeders. To provide reliable power supply to the consumers To meet future load growth	5-Aug-19	4-Feb-20	222.99	13.08.2019	09-Mar-20	142.72	162.94	Delay in supply of power transformer by KPTCL, 11kv SWG to be supplied from KPTCL .
39	Akkihebbal	Replacement of 2nd 8 MVA by 12.5 MVA 66/11kV Transformer	Mysuru	Mandya	To improve the reliability of power supply to the surrounding area. Removes the overloading of existing power transformer Improves the voltage profile in the substation area To meet future load growth	28-Aug-18	27-Feb-19	160.12	28-Aug-18	23-Mar-20	5.84	105.45	Delay due to supply of 12.5MVA power Transformer and 11KV switchgear
50	Heggere	Providing additional 1x8 MVA,66/11 kV Power Transformar	Tumakuru	Tumakuru	To improve the reliability of power supply to the surrounding area. Removes the overloading of existing power transformer To meet future load growth	26-Jul-18	25-Nov-18	109.94	05.08.2018	22-Jul-19	121.54	0	Delay in supply of Power TR
51	Kanchipura	Providing Additional 1x8 MVA, 66/11kV Power Transformer	Tumakuru	Chitradurga	To meet future load growth Un-interrupted power supply can be ensured Redundancy & quality Power supply can be ensured	31-Dec-18	30.04.2019	183.72	22.03.2019	29-Aug-19	98.17	6.5	Delay in supply of 11KV PCVCB by KPTCL
52	Kundur	Additional 8MVA, 66/11kV Power Transformer	Tumakuru	Davanagere	To meet future load growth Un-interrupted power supply can be ensured Redundancy & quality Power supply can be ensured	28-Dec-18	27-Apr-19	174.69	07.02.2019	13-Aug-19	127.75	11.36	Delay in supply of 11KV PCVCB by KPTCL
53	Kattige	Additional 8MVA, 66/11kV Power Transformer	Tumakuru	Davanagere	To meet future load growth Un-interrupted power supply can be ensured Redundancy & quality Power supply can be ensured	31-Dec-18	30-Apr-19	173.45	05.02.2019	20-Aug-19	129.17	11.81	Delay in supply of 11KV PCVCB by KPTCL
54	Honnudike	Replacement of 8 by 12.5MVA 66/11kV power transformer	Tumakuru	Tumakuru	To release the overload on the existing power transformer To achive system stability To minimize the interruptions and to provide reliable power supply to consumers in and around substation area To meet future load growth	0	30Days from the Award or last date of issue of line Clear	0	0	31.10.2019	0	0	

Sl No	Name of the Work	Project Description	Zone	District	Purpose of the work	Target (as per Work Award)			Actuals				Reasons for time overrun/cost overrun, if any
						Date of commencement	Date of completion	Total estimated Cost	Date of commencement	Date of completion	Cost incurred during FY20 in lakhs	Total cost incurred as on 30.11.20 in lakhs	
55	Hariyabbe	Replacement of 6.3 & 8 by 2X12.5MVA 66/11kV power transformer	Tumakuru	Chitradurga	To reduce the load on existing power transformer To minimize the interruptions and to provide continuous power supply to all feeders. To provide reliable power supply to consumers To meet future load growth	2-Aug-19	5 & half Months from the date of LOI.	286.43	02.08.2019	06-02-2020 & 06.07.2020	110.92	220.99	Delay in supply of Power TR
56	Koratagere	Replacing 12.5 MVA,66/11kV by 20 MVA, 66/11kV Transformer	Tumakuru	Tumakuru	To improve the reliability of power supply to the surrounding area. To meet future load growth	30.11.2019	300ays from the Award or Last date of issueof Line Clear	204.65	30.11.2019	02.03.2020	147.93	16.06	
57	Savalanga	Additional 8MVA, 66/11kV Power Transformer	Tumakuru	Davanagere	To improve the reliability of power supply to the surrounding area. To reduce the load on existing power transformer in the substation To improve the voltage profile in the existing substation area To meet future load growth	27-Dec-18	26-Apr-19	223.52	04.01.2019	05-Mar-20	100.39	9.15	Delay in supply of 11KV PCVCB by KPTCL and failed Power trnasformer
58	Harapanahalli	Replacing 1x12.5 MVA, 66/11kV by 1x 20 MVA, 66/11kV Transformer	Tumakuru	Davanagere	To improve the reliability of power supply to the surrounding area. To reduce the load on existing power transformer in the substation To improve the voltage profile in the existing substation area To meet future load growth	27-Sep-18	1M from date of LC	201.47	28.01.2020	11-Mar-20	144.27	144.27	1) 20 MVA 66/11kV TAL Power Transformer has arrived to 66/11kV MUSS, Harapanahalli on 28-12-2019 & same has been unloaded from the vehicle on 31-12-2019. 2) Due to oil leakage in the conservator main tank bottom the oil filteration work has started after attending the leakage work by the firm 3) Oil Filtration Work started on 28-01-2020 & completed on 29-01-2020. 4) Oil Samples of Main Tank & OLTC were sent to R&D Centre on 01-02-2020 & results were received on 05-02-2020 in which Oil Test of Main Tank has passed & OLTC Oil Test results were failed. 5) 2nd Set of Filtration of OLTC oil was carried-out & Oil sample sent to R&D Centre on 12-02-2020 & results were obtained on 19-02-2020 & results was passed. 6) RT Staff, Chitradurga has carried Preliminary Test on 20-02-2020 & results were found OK & decided to drag the Transformer to the bed. 7) Releasing work of 12.5 MVA Power Transformer from bed carried from 22-02-2020 and rearranging of bus and other works were carriedout. The new transformer has dragged to bed on 03.03.2020. 8) Errection of new fire extinghsier CTR. CTR make has started on 25.02.2020 and completed on 28.02.2020. 9) New RTCC pannel wiring and other works were completed on 06.03.2020. 10) Final testing of transformer were carriedout by RT Staff Chitradurga and Davanagere on 09.03.2020. Finally the test results were ok and decided to commission the same after completion on fire extinguisher CTR make work. 11) On 11.03.2020 the new 20MVA , 66/11KV TAL Make (Sl No.ST-43948) has been commissioned at 14.02 Hrs.
59	Sira	Replacing 1x12.5MVA by 1x 20 MVA, 66/11kV Transformer	Tumakuru	Tumakuru	To reduce the load on the existing power transformer To provide reliable power supply to the consumers To meet the future load growth	13.12.2019	30Days from the Award or Last date of issue of Line Clear	212.67	13.12.2019	13.03.2020	145.18	15.66	
60	Kolala	Replacement of 2nd 8 MVA by 12.5 MVA 66/11kV Transformer	Tumakuru	Tumakuru	To improve the reliability of power supply to the surrounding area. Removes the overloading of existing power transformer To meet future load growth	16.03.2020	30Days from the Award or Last date of issue of Line Clear	140.83	16.03.2020	23.03.2020	0	3.37	

Annexure-2

Station Capacity	**400kV**	**220kV**	**110kV**	**66kV**
Total No. of stations completed during FY- 20	**1**	**3**	**9**	**19**
Number of Substations having second or third source of Power input	0	3	3	12
Number of Substations having only one source of Power input	1	0	6	7
Number of Substations which are loaded above 70% of installed capacity	0	1	2	6
Number of Substations which are loaded above 50% upto 70%	0	1	2	3
Number of Substations which are loaded above 20% upto 50%	1	1	5	4
Number of Substations which are loaded below 20%	0	0	0	6
Number of Substations having only one Power Transformer	0	0	7	12
Number of Substations in which simultaneous peak load cannot be met and remedies considered		Nil		
Number of Substations having under voltage problems and remedies considered		Nil		

Note: 66kV Talagunda village SS is idle charged

Line Capacity	**400kV**	**220kV**	**110kV**	**66kV**
Number of works corresponding to above Ckt kms	**1**	**4**	**13**	**32**
Number of works having line loading above 70%	**0**	**1**	**0**	**5**
Number of works having line loading above 50% and upto 70%	**0**	**1**	**1**	**7**
Number of works having line loading above 20% and upto 50%	**0**	**1**	**5**	**6**
Number of works having line loading below 20%	**1**	**1**	**7**	**14**

Note: 2Nos of 66kV Transmission lines are idle charged

66kV Shivanasamudra-to link SFC Shimsha-TKHalli 66kV DC line

66kV Pavagada Evacuation line3- to link 66kV DC Madhugiri Midigeshi ckt 1&2 and Pavagada ckt1&2

ANNEXURE-5

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Sl. No.	Opening balance of Work in progress / Spillover works as on		Capex incurred during the year		Assets categorized during the year		Closing balance of Work in progress as on 31.03.2020		Source of funding		Remarks
	No of works	Amount in Rs. Crores	No of works	Amount in Rs. Crores	No of works	Amount in Rs. Crores	No of works	Amount in Rs. Crores	No of works	Amount in Rs. Crores	
1	596	2392.12	2107	2285.82	1612	2207.86	616	2470.09			

Annexure-4

Compliance to the observations made by KERC on prudence check of capital expenditure incurred by KERC during FY17 and FY18

Sl.No.	Observations made by KERC in Tariff Order of KPTCL dated:04.11.2020	Replies of KPTCL
1.	It was observed that in few cases, primary objectives were not clearly defined in few cases, in most cases, secondary objectives were also not defined.	All DPRs prepared by KPTCL from December 2017 includes clearly defined primary objectives. This has been ensured through a Corporate Circular dated: 04.12.2017. Copy of the Circular dated: 04.12.2017 is enclosed.
2.	There is no nodal/focal point for records and details which is essential for any validation/analysis exercise.	All the Major works division offices have been informed to provide data/records for validation/analysis by the third party while exercising prudence check activity. Further, at the Corporate level, Superintending Engineer (Ele.), Project & Monitoring Section, KPTCL has been nominated as the Nodal Officer to coordinate all activities of prudence check between third party appointed by KERC and Transmission Zones/Major Works Divisions.
3.	The project data provided in the prescribed format were in most cases incomplete and did not have vital details necessary for grading.	The project data as per the prescribed format has been furnished to the Commission for all the 51 Works for FY19 and 44works for FY20.
4.	The field officers are not aware of the relevance/ objective of the prudence check exercise or even post execution analysis.	The Corporate office has conducted Regulatory Awareness Programme for all the field officers of all the transmission zones. One of the subject of this programme was Prudence Check of Capital Expenditure by KERC. All the officers have been made aware of the relevance/ objective of the prudence check exercise or even post execution analysis.
5.	It was observed that KPTCL has not followed the capital expenditure guidelines issued by KERC in all respects. The objectives are not clearly defined and qualified; alternatives are not considered in most cases. Further, data w.r.t. pre& post execution of works are not recorded.	All DPRs prepared by KPTCL from December 2017 includes clearly defined primary objectives. This has been ensured through a Corporate Circular dated: 04.12.2017.

Phone No. 080-22243926
Fax No. 080-22110134
Website:www.kptcl.com

Email ID:dgmtkptcl@rediffmail.com

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
Corporate Identity Number (CIN):U40109KA1999SGC025521

Corporate Office,
Kaveri Bhavan,
Bengaluru -560 009.

B19/345/85-86

Dated: 04.12.2017

CIRCULAR

Sub: Preparation of Detailed Project Report with parameters required for Post Commissioning Analysis as per KERC Guidelines.

Ref:
1. Note approved by MD, KPTCL on 29.11.2017 regarding subject matter.
2. Note dt: 21.11.2017 of Financial Advisor (Regulatory Affairs) KPTCL, Bengaluru.
3. Proceedings of the Meeting held on 04.11.2017 at KPTCL, Kaveri Bhavan, Bengaluru.

Detailed Project Reports (DPR) are being prepared for all the major works taken up by KPTCL. In the present format, the DPR includes brief description of the existing system, the objectives for which the work is proposed to be taken up, the new proposal and the benefits that would accrue after completion of the work.

Karnataka Electricity Regulatory Commission (KERC) in its letter dated 4th October 2017 has issued Guidelines for conducting Post Commissioning Analysis of all the major works costing more than Rupees three Crores and categorized for the purpose of conducting prudence check of capital expenditure incurred by KPTCL.

The guidelines proposes to assess the completed works in terms of planning, implementation and results of post commissioning analysis of the projects. Hence, the data included in the DPR forms the basis for preparation of the post commissioning analysis report of completed works.

In the light of the above requirements, the DPRs are required to be restructured with certain base data for the purpose of carrying out the post commissioning analysis after completion of the work.

Hence, the Detailed Project Reports prepared for all Major Works involving construction of new Sub-Station and Transmission Lines, Augmentation of existing Sub-Stations and Transmission Lines, Erection of additional Transformers and construction of additional Transmission Lines and other Works related to Transmission System, shall include the following:

24

1. **Primary Objective:** Brief description of the primary objectives to be derived out of the proposed Work.
2. **Secondary Objective:** Brief description of the secondary objectives if any that would accrue out of the proposed Work.
3. **Schedule of Implementation:** The activity chart (PERT Chart) for the proposed work shall be indicated with timeline for each stage of the work.
4. **Results to be achieved after commissioning of the proposed work:** The expected results to be achieved in phases starting from first year after commissioning shall be recorded.
5. **List of Alternatives:** Alternative arrangements shall be discussed and the justification of taking up the work against these alternatives shall be recorded.
6. **Cost Benefit Analysis and Pay Back Period:** The expected Benefit to Cost ratio and Pay Back Period shall be recorded. Wherever works with Benefit to Cost ratio of less than one and Pay Back Period of more than five years are proposed to be taken up, justification for the same shall be recorded in detail.
7. **Expenditure:** Year wise provisional expenditure required to complete the work in time shall be recorded.

The above parameters are in addition to the existing parameters included in the DPR. These parameters are required for conducting the post commissioning analysis of the projects as per the guidelines issued by KERC. Hence, the DPR signing authority shall ensure that, all the above additional parameters are included in the DPRs to be approved from the date of issue of this Circular.

The above Instructions shall be followed scrupulously.

04/12/17

Deputy General Manager (Tech)
KPTCL

Copy to:

1. All Chief Engineers, Electricity, KPTCL.
2. All Financial Advisors, KPTCL.
3. All Superintending Engineers, Elecl., KPTCL.
4. All Controllers of Accounts, KPTCL.
5. All Executive Engineer, Ele., KPTCL.
6. All Deputy Controllers of Accounts, KPTCL.

Copy for information to:

1. EA to MD/DT, KPTCL, Kaveri Bhavan, Bengaluru.
2. PS to MD/DT/DF/D(A&HR)/Director & Company Secretary, KPTCL, Kaveri Bhavan, Bengaluru.
3. The Superintending Engineer (Ele.,), IT & MIS, with a request to arrange to upload this circular in KPTCL website.

Annexure-5

Updated Status of Capital works undertaken for smooth integration of RE in Transmission System

Sl. No	Project	Status
1	Establishing 2x100 MVA, 220/66 kV sub-station at Hosadurga, Chitradurga District.	Work under progress. Target Date of Commissioning- **March 2021**
2 (a)	Const. of 220 kV SC line on DC towers for a length of 15.168 km from existing 400 kV PGCIL station at Beeranahalli (Hiriyur) to existing 220/66/11 kV KPTCL station at Hiriyur in Chitradurga district in existing corridor of 220kV SC line from Hoysalakatte to 220/66/11 kV station Hiriyur (partly in new corridor i.e. from PGCIL point to link 220kV SC line from Hoysalakatte to 220/66/11 kV SRS at Hiriyur) along with const. of 02 nos. of 220kV TBs at 220/66 kV Hiriyur Station.	Work under Progress. No of locations: 28 Nos Stub concreted: 23 Nos Tower erected: 19 No Stringing: 2.1/15.168 kms Target Date of Commissioning: **March 2021**
2 (b)	Const. of 220 kV DC line on DC towers from existing 220/66 kV station Chitradurga to existing 220/66 kV Station Hiriyur in Chitradurga district in existing corridor (partly MC between LILO point of Guttur-Hiriyur line to 220 kV Chitradurga S/S in the existing corridor (5.255 Kms-03 Kms circuits) for a length of 36.506 Kms and construction of 01 no. of 220kV TB at 220 kV Chitradurga Station (114 DC towers; 35 MC towers).	Work under Progress. No of locations: 152 Nos Stub concreted: 151 Nos Tower erected: 146 No Stringing: 35.13/36.506 kms Target Date of Commissioning: **March 2021**
3	Providing additional 1X100MVA, 220/66kV Power transformer at 220/66kV Thallak substation in Chitradurga District.	All work completed and testing work under progress. Target Date of Commissioning- **Dec'20**
4	Providing 3rd 100MVA 220/66kV power transformer at 220/66kV Hiriyur sub-station	Work commissioned on 06.02.2020.

5	a. Reconstruction of 66kV SC idle line on SC towers having Coyote conductor from 66kV Chitradurga old S/s to 66kV Pandrahalli substation for a distance of 17.5 km by 66kV SC line on DC towers using Drake conductor in the existing corridor.	DPR under preparation.
	b. Providing additional 66 kV circuit between H.D.Pura tap point and H.D.Pura Substation for a distance of 10kms with Coyote conductor to provide LILO arrangements at 66/11kV H.D.Pura substation along with construction of No of 66kV terminal bay at H.D.Pura substation.	
6	Strengthening of 66 kV Holalkere-Pandarahalli SC to DC line.	To be retendered.
7	Construction of additional 66kV SC line with Coyote conductor from 66/11kV Hangal substation to 66/11kV Rampura substation with LILO at 66/11 kV Nagasamudra substation for a distance of 28 kms approx. along with one number of 66kV terminal bay at 66/11kV Hangal & Rampura substations and two numbers of 66kV terminal bay at 66/11kV Nagasamudra substations.	DPR under preparation.
8	a. Stringing of Second circuit with coyote conductor between 66kV P.D.Kote and 66kV Hariyabbe substations on existing D/C towers for a distance of 12.25 km along.	Tender called at circle office DVG. and tender opened on 27.11.2020 under evaluation.
	b. Replacement of existing "66kV S/C coyote line on S/C towers" between 66kV Hariyabbe sub-station and Hariyabbe tap point by "66kV D/C Drake line on D/C towers" for a distance of 10.25 km.	
	c. Replacement of existing "66kV D/C coyote line on D/C towers" between 220/66kV Hiriyur sub-stations and Hariyabbe tap point by "66kV D/C Drake line on D/C towers" for a distance of 18.0 km.	
9	Conversion of 66kV SC line on SC towers to DC line on DC towers from 220kV Chitradurga Station to 66kV Turuvanur Station with coyote conductor in the existing corridor for a distance of 22 km along along with construction of 1 no of 66kV terminal bay at both stations	Survey approval and estimate to be submitted.

Annexure-6

Details of capacitor banks added/ restored and failed from January -2020 to October 2020

Sl. No.	Month	No. of **new** capacitor banks **added** during the month	No. of capacitor banks **Restored** during the month	No. of capacitor banks **going out of service** during the month	Capacitor Banks **Not working** at the end of the month
1	Jan-20	06	27	13	**171**
2	Feb-20	09	19	22	174
3	Mar-20	04	37	07	144
4	Apr-20	14	24	08	128
5	May-20	00	23	16	115
6	June-20	07	13	12	114
7	July-20	03	09	19	123
8	Aug-20	04	18	18	123
9	Sep-20	04	37	14	100
10	Oct-20	11	05	09	**104**
11	**Total**	**62**	**212**	**138**	

ANNEXURE - 7

Telephone No: 080-22108119
Fax No : 080 22214663
Website : www.kptcl.com

Email ID:fara1957@gmail.com

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Corporate Identity Number (CIN):U40109KA1999SGC025521

Registered Office of the Company:
Corporate Office,
Kaveri Bhavan, K.G Road,
Bengaluru-560009

Dated: 30.06.2020

No. KPTCL/B36/2019-20/1502/~~377~~
Encl : 2 Statements

The Secretary,
KERC,
No.16C-1,
Miller Tank Bed Area,
Vasantha Nagar,
Bangalore-560 032.

Sir,

Sub: Provisional Transmission Losses and Voltage wise Losses for Year FY20 (April 2019 to March 2020).
Ref: Directives in KERC Tariff Order 2019 for KPTCL dated 30.05.2019

~~~ * ~~~

In compliance to the KERC directives as per the Tariff Order dated 30th May 2019, I am directed to enclose herewith provisional data of actual Transmission Losses (Annexure-A) and Voltage wise Losses (Annexure-B) for Year FY20 (April 2019 to March 2020)., for kind information of the Hon'ble Commission.

"This issues with approval of
The Managing Director, KPTCL."

02/07/2020

Yours faithfully,

30/6

Financial Advisor (RA)
~~~

ENERGY BALANCE FOR THE YEAR 2019-20

ANNEXURE- A

PROVISIONAL

Sl.No.	Month	State Gen	NET IMPORT FROM INTERSTATE LINES	Total Input	ENERGY CONSUMPTIONS.			TOTAL Output	Energy loss.	% loss
					D		ESCOMS'S INTERFACE POINTS			
		A	B	C=(A+B)	EHT	IPP	E	G=(D+E)	H=(C-G)	I=(H/C)*100
1	Apr-19	4579.732	2490.035	7069.766	460.300	114.646	6278.371	6853.317	216.449	3.062
2	May-19	4650.706	2186.578	6837.284	487.178	128.416	6007.181	6622.776	214.508	3.137
3	Jun-19	3852.089	2112.027	5964.116	469.531	126.111	5178.063	5773.705	190.411	3.193
4	Jul-19	4178.022	1912.299	6090.321	508.262	165.842	5223.660	5897.765	192.557	3.162
5	Aug-19	4399.923	1082.092	5482.016	515.878	155.152	4638.432	5309.462	172.553	3.148
6	Sep-19	4175.944	1335.365	5511.309	513.808	143.950	4680.579	5338.336	172.974	3.139
7	Oct-19	3525.824	1239.685	4765.509	488.086	136.197	3993.797	4618.079	147.429	3.094
8	Nov-19	4045.305	1396.414	5441.719	482.622	144.624	4641.788	5269.034	172.685	3.173
9	Dec-19	4509.621	1730.371	6239.991	510.927	142.054	5394.601	6047.582	192.410	3.083
10	Jan-20	4912.003	2127.816	7039.820	504.543	145.138	6168.863	6818.543	221.276	3.143
11	Feb-20	4682.986	2438.141	7121.127	484.549	142.179	6271.853	6898.581	222.546	3.125
12	Mar-20	4951.678	2614.254	7565.932	441.831	142.389	6746.472	7330.692	235.240	3.109
TOTAL		52463.833	22665.077	75128.910	5867.514	1686.698	65223.660	72777.872	2351.037	3.129

Asst. Executive Engineer(Elec.)
TBC, SLDC, KPTCL, Bengaluru

Executive Engineer(Elec.)-1
TBC, SLDC, KPTCL, Bengaluru

Superintending Engineer(Elec.)
TBC, SLDC, KPTCL, Bengaluru

NOTE:-

1 All units in MU.

2 A: Comprises of generation from all sources within Karnataka(including Wheeling & Banking)

3 B: Net import from interstate lines

4 D: Comprises of EHT consumption and IPP consumption including EHT drawn under open Access

5 Includes Revised/updated trans. Loss from Apr-19 to Feb-20 if any

6 Transmission losses for FY 2019-20 are provisional.

VOLTAGE WISE TRANSMISION LOSSES DURING THE FY 2019-20

ANNEXURE-B

PROVISONAL

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF APR-19

SL NO	TOTAL INPUT (ANNEXURE-A)	TRANSMISSION LOSS FOR APR-19 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS FOR APR-19 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	7069.766	216.449	3.062	400 KV	22.401	0.317
2				220 KV	112.607	1.593
3				110 KV	35.952	0.509
4				66 KV	45.489	0.643
TOTAL	7069.766	216.449	3.062		216.449	3.062

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF MAY-19

SL NO	TOTAL INPUT (ANNEXURE-A)	TRANSMISSION LOSS FOR MAY-19 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS FOR MAY-19 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	6837.284	214.508	3.137	400 KV	20.084	0.294
2				220 KV	110.924	1.622
3				110 KV	21.328	0.312
4				66 KV	62.173	0.909
TOTAL	6837.284	214.508	3.137		214.508	3.137

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF JUNE-19

SL NO	TOTAL INPUT (ANNEXURE-A)	TRANSMISSION LOSS FOR JUNE-19 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS FOR JUNE-19 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	5964.116	190.411	3.193	400 KV	14.752	0.247
2				220 KV	89.637	1.503
3				110 KV	23.521	0.394
4				66 KV	62.501	1.048
TOTAL	5964.116	190.411	3.193		190.411	3.193

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF JULY-19

SL NO	TOTAL INPUT (ANNEXURE-A)	TRANSMISSION LOSS FOR JUL-19 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS FOR JUL-19 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	6090.321	192.557	3.162	400 KV	13.472	0.221
2				220 KV	86.237	1.416
3				110 KV	25.418	0.417
4				66 KV	67.430	1.107
TOTAL	6090.321	192.557	3.162		192.557	3.162

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF AUG-19

SL NO	TOTAL INPUT (ANNEXURE-A)	TRANSMISSION LOSS FOR AUG-19 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS FOR AUG-19 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	5482.016	172.553	3.148	400 KV	22.357	0.408
2				220 KV	75.049	1.369
3				110 KV	20.952	0.382
4				66 KV	54.195	0.989
TOTAL	5482.016	172.553	3.148		172.553	3.148

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF SEP-19

SL NO	TOTAL INPUT (ANNEXURE-A)	TRANSMISSION LOSS FOR SEP-19 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS FOR SEP-19 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	5511.309	172.974	3.139	400 KV	16.661	0.302
2				220 KV	82.881	1.504
3				110 KV	20.115	0.365
4				66 KV	53.316	0.967
TAL	5511.309	172.974	3.139		172.974	3.139

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF OCT-19

SL NO	TOTAL INPUT (ANNEXURE-A)	TRANSMISSION LOSS FOR OCT-19 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS FOR OCT-19 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	4765.509	147.429	3.094	400 KV	12.358	0.259
2				220 KV	76.212	1.599
3				110 KV	14.685	0.308
4				66 KV	44.175	0.927
AL	4765.509	147.429	3.094		147.429	3.094

79

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF NOV-19

SL NO	TOTAL INPUT	TRANSMISSION LOSS FOR NOV-19 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS FOR NOV-19 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	5441.719	172.685	3.173	400 KV	14.871	0.273
2				220 KV	82.538	1.517
3				110 KV	25.922	0.476
4				66 KV	49.354	0.907
TOTAL	5441.719	172.685	3.173		172.685	3.173

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF DEC-19

SL NO	TOTAL INPUT	TRANSMISSION LOSS FOR DEC-19 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS FOR DEC-19 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	6239.991	192.410	3.083	400 KV	16.877	0.270
2				220 KV	92.861	1.488
3				110 KV	19.698	0.316
4				66 KV	62.973	1.009
TOTAL	6239.991	192.410	3.083		192.410	3.083

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF JAN-20

SL NO	TOTAL INPUT	TRANSMISSION LOSS FOR JAN-20 in MUs (ANNEXURE-C)	2019 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	7039.820	221.276	3.143	400 KV	20.520	0.291
2				220 KV	116.617	1.657
3				110 KV	21.616	0.307
4				66 KV	62.523	0.888
TOTAL	7039.820	221.276	3.143		221.276	3.143

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF FEB-20

SL NO	TOTAL INPUT	TRANSMISSION LOSS FOR FEB-20 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS FOR FEB-20 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	7121.127	222.546	3.125	400 KV	24.370	0.342
2				220 KV	106.994	1.502
3				110 KV	30.308	0.426
4				66 KV	60.873	0.855
TOTAL	7121.127		3.125		222.546	3.125

VOLTAGE WISE TRANSMISSION LOSSES FOR THE MONTH OF MAR-20

SL NO	TOTAL INPUT	TRANSMISSION LOSS FOR MAR-20 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS FOR MAR-20 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	7565.932	235.240	3.109	400 KV	16.111	0.213
2				220 KV	116.817	1.544
3				110 KV	31.971	0.423
4				66 KV	70.341	0.930
TOTAL	7565.932		3.109		235.240	3.109

VOLTAGE WISE TRANSMISSION LOSSES FROM APR-19 TO MAR-20

SL NO	TOTAL INPUT (ANNEXURE-A)	TRANSMISSION LOSS from APR-19 to MAR-20 in MUs (ANNEXURE-C)	% TRANSMISSION LOSS from APR-19 to MAR-20 (ANNEXURE-C)	VOLATAGE CLASS	LOSS in MU	% LOSS
1	75128.910	2351.037	3.129	400 KV	216.146	0.288
2				220 KV	1132.336	1.507
3				110 KV	295.624	0.393
4				66 KV	706.932	0.941
TOTAL	75128.910	2351.037	3.129		2351.037	3.129

Superintending Engg(Elect.)
TBC, KPTCL, Bengaluru

4/6/2020 04/06/2020

ANNEXURE-8

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED.
Location
Consolidated Head Office

As On Month & Year 14 2020 Date: 18/12/2020

A/CCode	Description	Debit (Dr)	Credit (Cr)
947	TL&SS, Hubli	21847067.00	0.00
948	TL&SS, Belgaum	78700978.50	0.00
949	TL&SS Nelamangala	36939580.08	0.00
950	TL&SS Talaguppa	37099835.00	0.00
951	TL&SS, Lingasagur	89500602.60	0.00
952	TL&SS, Gadag,	12924082.25	0.00
953	TL&SS, Bagalkot.	53024411.72	0.00
954	TL&SS Holenarasipura	49957348.68	0.00
956	TL&SS KANAKAPURA	57642825.00	0.00
957	TL&SS Yarandanahalli	28594034.00	0.00
958	TL&SS, Chintamani	46024555.00	0.00
959	400 kv TLM Division Chitradurga	75586155.00	0.00
		1829266293.33	**0.00**
74.120	**R&M to Plant & Machineary (KPTCL-PSDF)**		
802	Head Ofiice	583523.00	0.00
935	TL&SS,Karkala	0.00	410404.00
949	TL&SS Nelamangala	0.00	173119.00
		0.00	**0.00**
74.177	**R&M to Plant and Machinery without preparation of Estimate**		
931	TL&SS (MRS) Shimoga	7301.00	0.00
932	TL&SS,Shimoga	250252.00	0.00
946	TL&SS, KAVOOR	592036.00	0.00
947	TL&SS, Hubli	950.00	0.00
948	TL&SS, Belgaum	15994.00	0.00
950	TL&SS Talaguppa	148379.00	0.00
		1014912.00	**0.00**
Grand Total		**2588775414.92**	**23870397.46**
	Difference Amount		-2564905017.46

(C.2)

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED.

Location

Consolidated Head Office

As On Month & Year 14 2020 Date: 18/12/2020

A/CCode	Description	Debit (Dr)	Credit (Cr)
74.101	**R & M Plant & Machinery - M.R.T.**		
910	RT Circle, KPTCL	59775.00	0.00
931	TL&SS (MRS) Shimoga	25405.00	0.00
947	TL&SS, Hubli	20195.00	0.00
		105375.00	0.00
74.103	**R & M Plant & Machinery - R & D**		
702	Manager (Cash & Accounts)	822397.00	0.00
		822397.00	0.00
74.104	**R & M Plant & Machinery - Telecommunication.**		
710	State Load Despatch Center	187660.20	0.00
931	TL&SS (MRS) Shimoga	19213.00	0.00
946	TL&SS, KAVOOR	27886.00	0.00
		234759.20	0.00
74.110	**R & M Plant & Machinery - Others.**		
802	Head Ofiice	0.00	23194361.46
926	TL&SS Peenya	8871148.04	0.00
927	TL&SS Hoody	14074474.17	0.00
928	TL&SS,Tumkur	45579663.88	0.00
929	TL&SS,Kolar	20051625.06	0.00
930	TL&SS,Doddaballapur	17198974.87	0.00
931	TL&SS (MRS) Shimoga	3341528.00	0.00
932	TL&SS,Shimoga	12408522.20	0.00
933	TL&SS,Hootagally	36336628.38	0.00
934	TL&SS,Mysore	32363533.30	0.00
935	TL&SS,Karkala	7645892.93	0.00
936	TL&SS,Haveri	9714843.06	0.00
937	TL&SS,Sirsi	28625677.35	0.00
938	TL&SS,Chikkodi	30075193.05	0.00
939	TL&SS,Bijapur	11119347.86	0.00
940	TL&SS,Davanagere	41036616.50	0.00
941	TL&SS, Kalaburagi	27882943.80	0.00
942	TL&SS, Yadgiri	17442338.04	0.00
943	TL&SS, Munirabad	16607830.75	0.00
944	TL&SS, Somanhally	10719983.04	0.00
945	TL&SS, Hassan	10953288.37	0.00
946	TL&SS, KAVOOR	10824721.80	0.00
947	TL&SS, Hubli	26669971.63	0.00
948	TL&SS, Belgaum	25003163.14	0.00
949	TL&SS Nelamangala	20038385.16	0.00
950	TL&SS Talaguppa	9348887.00	0.00
951	TL&SS, Lingasagur	17874016.64	0.00
952	TL&SS, Gadag,	13751843.82	0.00
953	TL&SS, Bagalkot.	9361390.34	0.00
954	TL&SS Holenarasipura	12611933.60	0.00
956	TL&SS KANAKAPURA	18004188.65	0.00
957	TL&SS Yarandanahalli	8152777.48	0.00
958	TL&SS, Chintamani	10904677.17	0.00

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED.

Location

Consolidated Head Office

As On Month & Year 14 2020 Date: 18/12/2020

A/CCode	Description	Debit (Dr)	Credit (Cr)
959	400 kv TLM Division Chitradurga	42011459.99	0.00
		603413107.61	0.00

74.116 R & M Expenses Power Transformers

926	TL&SS Peenya	1956707.00	0.00
927	TL&SS Hoody	4233521.88	0.00
929	TL&SS,Kolar	14000468.00	0.00
930	TL&SS,Doddaballapur	3214112.21	0.00
931	TL&SS (MRS) Shimoga	236678.00	0.00
932	TL&SS,Shimoga	0.00	92513.00
933	TL&SS,Hootagally	4573922.50	0.00
934	TL&SS,Mysore	7417295.00	0.00
935	TL&SS,Karkala	1610678.00	0.00
936	TL&SS,Haveri	399127.20	0.00
938	TL&SS,Chikkodi	14290155.00	0.00
940	TL&SS,Davanagere	595129.00	0.00
942	TL&SS, Yadgiri	3920431.00	0.00
943	TL&SS, Munirabad	3286468.06	0.00
944	TL&SS, Somanhally	34021197.00	0.00
945	TL&SS, Hassan	790541.00	0.00
946	TL&SS, KAVOOR	4850611.00	0.00
947	TL&SS, Hubli	781377.17	0.00
948	TL&SS, Belgaum	4880039.04	0.00
949	TL&SS Nelamangala	4320889.00	0.00
950	TL&SS Talaguppa	1885585.00	0.00
951	TL&SS, Lingasagur	1730080.20	0.00
952	TL&SS, Gadag,	5978434.00	0.00
954	TL&SS Holenarasipura	45302.00	0.00
956	TL&SS KANAKAPURA	6748673.37	0.00
957	TL&SS Yarandanahalli	2515539.02	0.00
958	TL&SS, Chintamani	1857725.67	0.00
		130048173.32	0.00

74.118 Remuneration to Private Contractors engaged for shift and minor Maintenance duties of Stations / MUSS

926	TL&SS Peenya	51505247.00	0.00
927	TL&SS Hoody	49124351.12	0.00
928	TL&SS,Tumkur	145157389.00	0.00
929	TL&SS,Kolar	55886432.00	0.00
930	TL&SS,Doddaballapur	73241959.00	0.00
932	TL&SS,Shimoga	68839686.00	0.00
933	TL&SS,Hootagally	128539139.00	0.00
934	TL&SS,Mysore	156104162.00	0.00
935	TL&SS,Karkala	21443161.00	0.00
936	TL&SS,Haveri	23696087.80	0.00
937	TL&SS,Sirsi	24112002.00	0.00
938	TL&SS,Chikkodi	70543755.84	0.00
939	TL&SS,Bijapur	44743654.00	0.00
940	TL&SS,Davanagere	78323786.00	0.00
941	TL&SS, Kalaburagi	46626957.00	0.00
942	TL&SS, Yadgiri	37228225.00	0.00
943	TL&SS, Munirabad	46964947.00	0.00
944	TL&SS, Somanhally	53382406.00	0.00
945	TL&SS, Hassan	42296823.74	0.00
946	TL&SS, KAVOOR	23664648.00	0.00

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED.
Location
Consolidated Head Office

As On Month & Year 14 2020 Date: 18/12/2020

A/CCode	Description	Debit (Dr)	Credit (Cr)
947	TL&SS, Hubli	21847067.00	0.00
948	TL&SS, Belgaum	78700978.50	0.00
949	TL&SS Nelamangala	36939580.08	0.00
950	TL&SS Talaguppa	37099835.00	0.00
951	TL&SS, Lingasagur	89500602.60	0.00
952	TL&SS, Gadag,	12924082.25	0.00
953	TL&SS, Bagalkot.	53024411.72	0.00
954	TL&SS Holenarasipura	49957348.68	0.00
956	TL&SS KANAKAPURA	57642825.00	0.00
957	TL&SS Yarandanahalli	28594034.00	0.00
958	TL&SS, Chintamani	46024555.00	0.00
959	400 kv TLM Division Chitradurga	75586155.00	0.00
		1829266293.33	**0.00**
74.120	R&M to Plant & Machineary (KPTCL-PSDF)		
802	Head Ofiice	583523.00	0.00
935	TL&SS,Karkala	0.00	416404.00
949	TL&SS Nelamangala	0.00	173119.00
		0.00	**0.00**
74.177	R&M to Plant and Machinery without preparation of Estimate		
931	TL&SS (MRS) Shimoga	7301.00	0.00
932	TL&SS,Shimoga	250252.00	0.00
946	TL&SS, KAVOOR	592036.00	0.00
947	TL&SS, Hubli	950.00	0.00
948	TL&SS, Belgaum	15994.00	0.00
950	TL&SS Talaguppa	148379.00	0.00
		1014912.00	**0.00**
Grand Total		**2588775414.92**	**23870397.46**
	Difference Amount		-2564905017.46

Annexure-9

The details of power transformers failed, repaired, repaired transformers reissued to the works (commissioned) and opening and closing balance of failed power transformers during FY20 and up to November 2020

Sl. No.	Transmission Zone	Total failed transformers as on 1st April 2020 (Opening Balance)	No. of Transformers failed during the year	Transformers repaired during the financial year 2020-21 (up to Nov 2020)		Transformers approved for scrap	Total failed transformers as on 30th Nov 2020 (Closing Balance)
				Transformers repaired & ready for commissioning	TFRs repaired & Commissioned		
		(1)	(2)	(3)	(4)	(5)	(6) (1+2)-(3+4+5)
1	Bengaluru	33	2	2	1	0	32
2	Tumkur	20	2	1	0	2	19
3	Hassan	17	1	0	2	0	16
4	Mysore	12	1	1	0	0	12
5	Bagalkote	25	8	2	4	2	25
6	Kalaburgi	15	6	1	1	1	18
Total		**122**	**20**	**7**	**8**	**5**	**122**

ANNEXURE-10

STATEMENT OF LOAN BALANCE AS ON 31/03/2020

REVISED

(Rs in Crs)

Sl.No	Particulars	OB as on 01.04.19	Receipts	Payments	Interest	Closing Balance
1	2	3	4	5	6	7 = (3+4-5)
1	**GOK**	2.38	0.00	0.60	0.26	1.78
2	**Long Term Loan**					0.00
	Commercial Bank	5989.36	1442.00	732.37	533.98	6698.99
	Others	0.00	0.00	0.00	0.00	0.00
	Sub Total (1+2)	**5991.74**	**1442.00**	**732.97**	**534.24**	**6700.77**
3	**Short Term Loan**					
	Commercial Bank	150.00	1300.00	650.00	32.38	800.00
	Others	0.00	0.00	0.00	0.00	0.00
	Sub Total	**150.00**	**1300.00**	**650.00**	**32.38**	**800.00**
	GRAND TOTAL (2+3)	**6141.74**	**2742.00**	**1382.97**	**566.62**	**7500.77**

	Average Rate of interest	
1	LTL	8.26
2	STL	7.88 ~~6.57~~

Details of Long Term Loan Balance outstanding as on 31.03.2020

Rs. in Cr.

Sl.No	Name of the Bank/Financial Institutions	Sanctioned Amount	Opening Balance as on 01.04.19	Receipts	Payment		Balance as on 31.03.2020	Rate of Interest	Tenure	Security Offered	Date of Drawal	Date of Closure	Mode of Payment
		Amount			Principal	Interest							
	Long Term Loan												
1	LOANS FROM GoK TOWARDS APDRP WORKS		2.38		0.80	0.26	1.78	10.50% - 11.50%	20 Years	Govt. Loan	25.02.2003	2022 Eonwards depending upon date of drawal	50% of loan in 20 annual instalment and another 50% in 15 annual instalment with 5 years grace period
2	BANK OF INDIA	300.00	127.50		30.00	10.05	97.50	8.20%	13 Years	Hypothecation of Existing Assets	30.06.2010	29.06.2023	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
3	VIJAYA BANK K.G.Road	165.00	15.00		15.00	0.49	0.00	9.75%	13 Years	Hypothecation of Assets (Created assets)	14.01.2008	13.01.2021	Repayment in 40equal quarterly instalments commencing after initial moratorium of 3 years moratorium from the date of first disbursement.Monthly interest
4	INDIAN BANK	100.00	20.00		10.00	1.48	10.00	9.30%	13 Years	Hypothecation of Assets (Created assets)	28.03.2008	27.03.2021	Repayment in 40equal quarterly instalments commencing after initial moratorium of 3 years moratorium from the date of first disbursement.Monthly interest.
5	INDIAN BANK	200.00	90.00		20.00	7.32	70.00	8.50%	13 Years	Hypothecation of Existing Assets	29.09.2010	29.09.2023	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
6	VIJAYA BANK,K.G.Road.	564.00	253.80		56.40	20.33	197.40	8.15%	13 Years	Hypothecation of Existing Assets	29.09.2010	29.09.2023	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
7	CORPORATION BANK	200.00	95.00		20.00	7.52	75.00	8.30%	13 Years	Hypothecation of Existing Assets	08.11.2010	08.11.2023	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
8	PUNJAB & SIND BANK	100.00	50.00		10.00	3.87	40.00	8.45%	13 Years	Hypothecation of Existing Assets	06.01.2011	05.01.2024	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
9	CANARA BANK	500.00	250.00		50.00	21.13	200.00	8.20%	13 Years	Hypothecation of fixed Assets (to be created)	02.02.2011	01.02.2024	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
10	VIJAYA BANK,K.G.Road.	300.00	150.00		30.00	11.90	120.00	8.15%	13 Years	Hypothecation of Assets (to be created)	01.03.2011	28.02.2023	Repayment in 40equal quarterly instalments commencing after initial moratorium of 3 years moratorium from the date of first disbursement.Monthly interest
11	PUNJAB & SIND BANK	200.00	120.00		20.00	9.87	100.00	9.45%	13 Years	Hypothecation of Existing Assets	08.02.2012	07.02.2025	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
12	VIJAYA BANK,K.G.Road.	150.00	97.50		15.00	7.97	82.50	8.15%	13 Years	Hypothecation of Assets (to be created)	10.09.2012	11.09.2025	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
13	PUNJAB & SIND BANK	300.00	210.00		30.00	17.43	180.00	9.45%	13 Years	Hypothecation of (created assets)	18.03.2013	18.03.2026	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
14	VIJAYA BANK K.G.Road	55.00	39.87		5.49	3.27	34.38	9.15%	13 Years	Hypothecation of Assets (created assets)	03.06.2013	03.06.2026	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
15	CANARA BANK	300.00	107.50		30.00	8.89	77.50	9.20%	13 Years	Hypothecation of Assets (created assets)	03.06.2013	03.06.2026	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
16	CANARA BANK	485.04	74.26		71.44	4.12	2.82	9.20%	7 years	PFC takes over	28.06.2013	28.06.2020	Repayment in 28 quarterly instalments commencing from Sep'13.Monthly interest.
17	CORPORATION BANK	300.00	57.13		41.48	3.80	15.65	9.30%	10 years	PFC takes over	30.09.2013	30.03.2021	Repayment in 30 quarterly instalments commencing from Dec13.Monthly interest.
18	BANK OF INDIA	200.00	145.00		20.00	11.76	125.00	9.20%	13 Years	Hypothecation of Assets (created assets)	03.06.2013	03.06.2026	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.

Details of Long Term Loan Balance outstanding as on 31.03.2020

Rs. in Cr

Rs in Cr

Sl.No	Name of the Bank/Financial Institutions	Sanctioned Amount	Opening Balance as on 01.04.19	Receipts	Payment		Balance as on 31.03.2020	Rate of Interest	Tenure	Security Offered	Date of Drawal	Date of Closure	Mode of Payment
		Amount			Principal	Interest							
19	VIJAYA BANK K.G.Road	60.00	49.50		6.00	4.01	43.50	8.15%	13 years	Hypothecation of to be created Assets .	30.09.2014	04.04.2027	Repayment in 40quarterly installments commencing after initial moratorium of 3 year from the date of first disbursement.Monthly interest.
20	STATE BANK OF MYSORE	300.00	255.00		30.00	20.23	225.00	8.25%	13 years	Hypothecation of to be created Assets .	16.07.2014	16.07.2027	Repayment in 40 quarterly installments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
21	STATE BANK OF MYSORE	241.08	89.29		35.72	6.83	53.57	8.25%	7 years	PFC taken over	28.11.2014	28.11.2021	Repayment in 28 quarterly instalments commencing from theimmediate quarter,from the date disbursement.Monthly interest.
22	VIJAYA BANK K.G.Road	64.77	26.63		8.53	1.87	18.10	8.15%	8 3/4 years	PFC taken over	15.02.2015	15.05.2023	Repayment in quarterly instalments as scheduled with PFC
23	VIJAYA BANK K.G.Road	195.00	180.38		19.51	15.10	160.87	8.15%	13 years	Hypothecation of Assets (created assets)	19.06.2015	19.06.2028	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
24	STATE BANK OF MYSORE	200.00	190.00		20.00	15.48	170.00	8.25%	13 years	Hypothecation of Assets (created assets)	21.09.2015	21.01.2029	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
25	PUNJAB NATIONAL BANK	300.00	300.00		30.00	24.34	270.00	8.05%	13 years	Hypothecation of Assets (created assets)	31.03.2016	31.03.2026	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
26	UCO BANK	200.00	200.00		20.00	16.60	180.00	8.30%	13 years	Hypothecation of Assets (created assets)	28.03.2016	28.03.2029	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
27	STATE BANK OF INDIA TL-II	578.00	578.00		57.80	46.33	520.20	8.25%	13 Years	Hypothecation of Assets (created assets)	17.10.2016	31.03.2029	Reapayble in 40 quarterly instalments commencing after initial moratorium Upto March 2019 from the date of first disbursement.Monthly interest.
28	STATE BANK OF INDIA TL-I	300.00	300.00		30.00	24.06	270.00	8.25%	13 Years	Hypothecation of Assets (created assets)	28.03.2016	31.03.2029	Reapayble in 40 quarterly instalments commencing after initial moratorium Upto March 2019 from the date of first disbursement.Monthly interest.
29	CANARA BANK II	500.00	500.00			43.41	500.00	8.25%	13 years	Hypothecation of Assets (created assets)	17.02.2017	17.02.2030	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
30	BANK OF INDIA	350.00	350.00			29.70	350.00	8.30%	13 years	Hypothecation of Assets (to be created assets)	29.09.2017	29.09.2030	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
31	JAMMU & KASHMIR BANK	550.00	550.00			47.51	550.00	8.30%	13 years	Hypothecation of Assets (to be created assets)	02.03.2018	02.03.2031	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
32	CANARA BANK	600.00	518.00	82.00	0.00	51.03	600.00	8.35%	13 Years	Hypothecation of Assets (to be created assets)	24.12.2018	24.12.2031	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
33	CANARA BANK III	500.00	0.00	500.00	0.00	26.66	500.00	8.50%	13 Years	Hypothecation of Assets (to be created assets)	25.07.2019	25.07.2032	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
34	PUNJAB NATIONAL BANK	400.00	0.00	400.00	0.00	9.46	400.00	8.15%	13 Years	Hypothecation of Assets (to be created assets)	30.11.2019	30.11.2032	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
35	STATE BANK OF INDIA	250.00	0.00	210.00		1.15	210.00	8.00%	13 Years	Hypothecation of Assets (to be created assets)	07.03.2020	07.03.2033	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
36	VIJAYA BANK (BOB)	250.00	0.00	250.00		0.42	250.00	8.15%	13 Years	Hypothecation of Assets (to be created assets)	16.03.2020	16.03.2033	Repayment in 40 quarterly instalments commencing after initial moratorium of 3 years from the date of first disbursement.Monthly interest.
TOTAL			5991.74	1442.00	732.97	534.24	6700.77						

Details of Short Term Loan Balance outstanding as on 31.03.2020

Rs. In Crs

Sl.No	Name of the Bank / Financial Institutions	Sanctioned Amount	Opening Balance as on 01.04.19	Receipts	Payment		Balance as on 31.03.2020	Rate of Interest	Tenure	Security Offered	Date of Drawal	Date of Closure	Rs in Cr Mode of Payment
		Amount			Principal	Interest							
1	BANK OF BARODA (STL)	100.00	50.00	0.00	50.00	0.67	0.00	8.30%	6 months	Demand Promissory Note	29.12.2018	29.06.2019	Principal & Interest monthly.
2	BANK OF BARODA (STL)	200.00	100.00	100.00	200.00	8.40	0.00	8.65%	1 Year	Demand Promissory Note	30.03.2019	30.03.2020	Principal & Interest monthly.
3	BANK OF MAHARASHTRA (STL)	200.00		200.00	150.00	9.13	50.00	8.30%	1 Year	Demand Promissory Note	04.06.2019	30.05.2020	Principal Quarterly & Interest monthly.
4	CORPORATION BANK (STL)	200.00		200.00	150.00	7.70	50.00	8.00%	1 Year	Demand Promissory Note	27.06.2019	27.06.2020	Principal Quarterly & Interest monthly.
5	ORIENTAL BANK OF COMMERCE (STL)	300.00		300.00	75.00	4.40	225.00	7.80%	1 Year	Demand Promissory Note	30.12.2019	30.12.2020	Principal & Interest monthly.
6	BANK OF MAHARASHTRA (STL)	300.00		300.00	25.00	0.97	275.00	7.75%	1 Year	Demand Promissory Note	05.03.2020	05.03.2021	Principal & Interest monthly.
7	BANK OF BARODA (STL)	200.00		200.00	0.00	1.11	200.00	7.55%	1 Year	Demand Promissory Note	04.03.2020	04.03.2021	Principal & Interest monthly.
TOTAL			150.00	1300.00	650.00	32.38	800.00						

(E3)
ANNEXURE-11

Karnataka Power Transmission Corporation Limited
7th Floor, Cauvery Bhavan, Kempegowda Road, Bangalore - 560 009

PAN : AABCK7281M
D O I : 28.07.1999

Assessment Year : 2020-21
Previous Year Ending : 31st March, 2020

Revised Computation of Total Taxable Income

Computation under MAT Provisions (Section 115JB)

Profit as per P & L		12,484,612,334
Add: Unascertained Liability		133,114,483
Book Profit for the purpose of MAT Provisions (Seciton 115JB)		12,617,726,817
Tax @ 15%	1,892,659,023	
Add: Surcharge @ 12%	227,119,083	2,119,778,105
Add: Education Cess @ 2%	42,395,562	
Add: Secondary and Higher Education Cess and Health & Education Cess @ 2%	42,395,562	84,791,124
Total Tax Liability (B)		2,204,569,229

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

NOTE 17 : DEFERRED TAX LIABILITY

(Amount in INR)

Sl. NO	PARTICULARS	ACCOUNT CODE	AS AT 31ST MARCH, 2020		AS AT 31ST MARCH, 2019		AS AT 1ST APRIL, 2018	
1	Deferred Tax Liability (Net) (Refer Note No. 17.1)	46.802	1334 36 06 498		950 84 29 826		898 22 89 126	
	TOTAL			**1334 36 06 498**		**950 84 29 826**		**898 22 89 126**

Note 17.1 : Calculation of Deferred Tax Liability/Asset

Particulars	FY 2019-20	FY 2018-19	FY 2017-18
I Deferred Tax Liability			
WDV of Assets as per Accounts (excluding land)	12825 01 39 650	11247 31 04 820	10265 18 03 214
WDV of Assets as per Income Tax Rules (excluding land)	7654 59 86 007	6734 41 03 646	6215 91 34 345
Timing Difference from Deferred Tax Liabilities	5170 41 53 643	4512 90 01 174	4049 26 68 869
Deferred Tax Liabilities @ 34.944% [1] (A)	1806 74 99 449	1576 98 78 170	1414 97 58 210
II Deferred Tax Assets			
Leave encashment & HPL Provision u/s 43B	345 11 23 635	276 98 22 782	210 79 71 218
Bonus and Ex-Gratia	7 24 81 685	7 41 31 673	7 29 36 909
Employers Contribution to Gratuity	644 43 85 307	732 25 67 667	620 58 57 219
Timing Difference from Deferred Tax Assets	996 79 90 627	1016 65 42 122	838 67 65 346
Deferred Tax Assets @ 34.944% [1]	348 32 14 645	355 25 96 479	293 06 72 282
Add: MAT Credit Entitlement	124 06 78 307	270 88 51 866	223 67 97 799
Total Deferred Tax Assets (B)	472 38 92 952	626 14 48 345	516 74 69 081
Net Deferred Tax Liability as on 31.03.2020 (A - B)	1334 36 06 497	950 84 29 825	898 22 89 128
Total Deferred Tax Expenses for the year 2019-20	383 51 76 672	52 61 40 698	414 49 91 380

[1] Effective Tax Rate has been arrived at 34.944% i.e., 30% of Corporate Tax, 12% of Surcharge, 2% of Education Cess and 1% of Secondary and Higher Education Cess and 1% Health and Education Cess.

B.P. RAO & CO. Bangalore 560 001. Chartered Accts.

ANNEXURE 12

ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್‌ನ ನಡವಳಿಗಳು

ವಿಷಯ: ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ (Actuarial Valuation) ಆಧಾರದ ಮೇಲೆ ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳು ಪರಿಷ್ಕೃತ ದರದಲ್ಲಿ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ವಂತಿಗೆಯನ್ನು ಪಾವತಿಸುವ ಕುರಿತು.

ಓದಲಾಗಿದೆ: 1. ಕವಿಪ್ರನಿನಿ ಆದೇಶ ಸಂಖ್ಯೆ. ಕವಿಪ್ರನಿನಿ/ಬಿ7/2000-01 ದಿನಾಂಕ 22-09-2000

2. ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಧಿಸೂಚನೆ ಸಂಖ್ಯೆ. ಡಿಇ 14 ಪಿಎಸ್‌ಆರ್ 2002 ದಿನಾಂಕ 31-05-2002 ("ಕರ್ನಾಟಕ ವಿದ್ಯುಚ್ಛಕ್ತಿ ಸುಧಾರಣಾ (ಕವಿಪ್ರನಿನಿ ಉದ್ಯಮಗಳು ಮತ್ತು ಅದರ ಸಬ್ಬಂದಿಯು ವಿದ್ಯುಚ್ಛಕ್ತಿ ವಿತರಣಾ ಮತ್ತು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿಗಳ ವರ್ಗಾವಣೆ) ನಿಯಮಗಳು 2002")

3. ಸರ್ಕಾರಿ ಆದೇಶ ಸಂಖ್ಯೆ ಡಿಇ 15 ಪಿಎಸ್‌ಆರ್ 2002 ದಿನಾಂಕ 19.12.2002.

4. M/s Thanawala Consultancy Services ರವರ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿ ದಿನಾಂಕ 27-01-2003.

5. ಈ ಕಛೇರಿ ಪತ್ರ ಸಂಖ್ಯೆ ನಿ(ಪಿಂ & ಉ ಟ್ರಸ್ಟ್)/227-32 ದಿನಾಂಕ 05-04-2004.

6. ಆದೇಶ ಸಂಖ್ಯೆ. ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳ ಪಿಂ & ಉ ಟ್ರಸ್ಟ್/ಹಿಸ-1/198-212 ದಿನಾಂಕ 11.06.2007.

7. Sri K.A.Pandit (of Mumbai) ರವರ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲಮಾಪನ ವರದಿ.

8. M/s Mercer Consultancy (India) Private Limited ರವರ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿ ದಿನಾಂಕ 09-09-2009.

9. ಟ್ರಸ್ಟ್ ಆದೇಶ ಸಂಖ್ಯೆ. ಪಿಂಉ ಟ್ರಸ್ಟ್/ಹಿಸ-1/18/2002-03/1687-1709 ದಿನಾಂಕ 15-02-2010.

10. M/s Armstrong International Employees Benefits Solution ರವರ 31-03-2011ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿ ದಿನಾಂಕ 14-12-2011.

11. ಟ್ರಸ್ಟ್ ಆದೇಶ ಸಂಖ್ಯೆ. ಕೆಇಪಿಜಿಟಿ/ಬಿ7/2011-12 ಬೆಂಗಳೂರು ದಿನಾಂಕ 23-01-2012.

12. ಟ್ರಸ್ಟ್ ಆದೇಶ ಸಂಖ್ಯೆ. ಕೆಇಪಿಜಿಟಿ/ಕೆಸಿಒ123/ಬಿ7/2011-12/ಸಿಎಸ್ 29 ದಿನಾಂಕ 12-10-2012.

13. M/s Armstrong International Employees Benefits Solution ರವರ 31-03-2012ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿ ದಿನಾಂಕ 26-05-2013.

14. ಟ್ರಸ್ಟ್ ಆದೇಶ ಸಂಖ್ಯೆ. ಕೆಇಪಿಜಿಟಿ/ಕೆಸಿಒ123/ಬಿ7/2011-12/ಸಿಎಸ್-07 ಬೆಂಗಳೂರು ದಿನಾಂಕ 27-05-2013.

15. M/s Armstrong International Employees Benefits Solution ರವರ 31-03-2013ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿ ದಿನಾಂಕ 29-09-2014.

16. ಟ್ರಸ್ಟ್ ಆದೇಶ ಸಂಖ್ಯೆ. ಕೆಇಪಿಜಿಟಿ/ಕೆಸಿಒ123/ಬಿ7/2012-13/ಸಿಎಸ್-31 ದಿನಾಂಕ 11-11-2014.

17. M/s Armstrong International Consultants, Coimbatore ರವರ 31-03-2014ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿ ದಿನಾಂಕ 19-12-2015.

18. M/s Armstrong International Consultants, Coimbatore ರವರ 31-03-2015ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿ ದಿನಾಂಕ 19-12-2015.

19. ಟ್ರಸ್ಟ್ ಆದೇಶ ಸಂಖ್ಯೆ. ಕೆಇಪಿಜಿಟಿ/ಕೆಸಿಒ123/ಬಿ7/2015-16/ಸಿಎಸ್-58 ದಿನಾಂಕ 23-02-2016.

20. M/s Armstrong International Consultants, Coimbatore ರವರ 31-03-2016ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿ ದಿನಾಂಕ 19-12-2016.

21. ಟ್ರಸ್ಟ್ ಆದೇಶ ಸಂಖ್ಯೆ. ಕೆಇಪಿಜಿಟಿ/ಕೆಸಿಒ123/ಬಿ7/2017-18/ಸಿಎಸ್-03 ದಿನಾಂಕ 11-05-2017.

22. M/s Kapadia Actuaries and Consultants, Mumbai ರವರ 31-03-2017ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿ ದಿನಾಂಕ 28-05-2018.

23. ಟ್ರಸ್ಟ್ ಆದೇಶ ಸಂಖ್ಯೆ. ಕೆಇಪಿಜಿಟಿ/ಕೆಸಿಒ123/ಬಿ7/2017-18/ಸಿಎಸ್-07 ದಿನಾಂಕ 22-11-2018.

24. M/s Kapadia Actuaries and Consultants, Mumbai ರವರ 31-03-2018ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿ ದಿನಾಂಕ 20-05-2019.

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<u>ಪ್ರಸ್ತಾವನೆ:</u>

1. ಮೇಲೆ (1)ರಲ್ಲಿ ಓದಲಾದ ನಿಗಮದ ಆದೇಶದಲ್ಲಿ ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್‌ಗಳನ್ನು ರಚಿಸಲಾಗಿದ್ದು, ದಿನಾಂಕ 12.01.2001 ರಿಂದ ಕಾರ್ಯ ನಿರ್ವಹಿಸುತ್ತಿವೆ.

2. ಕವಿಪ್ರನಿನಿಯನ್ನು ಪ್ರತ್ಯೇಕಿಸುವ ಮತ್ತು ದಿನಾಂಕ 01.06.2002 ರಿಂದ ವಿಸಕಂಗಳನ್ನು ರಚಿಸುವ ಸಂದರ್ಭದಲ್ಲಿ, ಮೇಲೆ (2)ರಲ್ಲಿ ಓದಲಾದ ಅಧಿಸೂಚನೆಯನುಸಾರ ಕರ್ನಾಟಕ ಸರ್ಕಾರವು ಎರಡನೇ ವರ್ಗಾವಣೆ ಯೋಜನೆ ನಿಯಮಗಳನ್ನು ಪ್ರಕಟಿಸಿರುತ್ತದೆ. ಸದರಿ ನಿಯಮಾವಳಿಗಳನುಸಾರ ನಿರ್ದಿಷ್ಟಪಡಿಸಲಾದ ಸಿಬ್ಬಂದಿಯುಸಲ್ಲಿಸಿದ ಸೇವೆಗಳಿಗಾಗಿ ನಿವೃತ್ತಿ ವೇತನ ನಿಧಿಗಳು ಮತ್ತು ಶಾಸನ ಪ್ರದತ್ತ ಹಾಗೂ ಇತರೇ ಸಿಬ್ಬಂದಿ ಸಂಬಂಧಿತ ನಿಧಿಗಳ ಸಂಗ್ರಹಣೆಗೆ ರಾಜ್ಯ ಸರ್ಕಾರವು ಜವಾಬ್ದಾರಿಯಾಗಿರುವುದೇ ಹೊರತು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿಯದಲ್ಲ ಮತ್ತು ನಿರ್ದಿಷ್ಟಪಡಿಸಲಾದ ಸಿಬ್ಬಂದಿಯ ಎರಡನೇ ವರ್ಗಾವಣೆ ಜಾರಿಯಾದ ಆಯಾಯ ದಿನಾಂಕದಲ್ಲಿದ್ದಂತೆ ನಿಧಿ ಸಂಗ್ರಹಣೆ ಮಾಡದ ಮಟ್ಟಿಗೆ ರಾಜ್ಯ ಸರ್ಕಾರವು ಹೊಣೆಯಾಗಿರುವುದೇ ಹೊರತು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿಯದಲ್ಲವೆಂದು ತಿಳಿಸಲಾಗಿದೆ.

3. ದಿನಾಂಕ 31.05.2002ರಲ್ಲಿರುವಂತೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನದ ಆಧಾರದ ಮೇಲೆ ನಿವೃತ್ತಿ ಸೌಲಭ್ಯಗಳ ಹೊಣೆಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಮೂಲಧನ ನಿಧಿಯನ್ನು ಸ್ಥಾಪಿಸುವ ನಿಟ್ಟಿನಲ್ಲಿ ಸರ್ಕಾರವು "Pay-as-you-go" ಪದ್ಧತಿಯನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳಲು ತೀರ್ಮಾನಿಸಿರುತ್ತದೆ. ಅದರಂತೆ, ಮೇಲೆ (3)ರಲ್ಲಿ ಓದಲಾದ ಸರ್ಕಾರಿ ಆದೇಶದಲ್ಲಿ ಈ ಕೆಳಗಿನಂತೆ ಅನುಮೋದಿಸಿದೆ.

(ಅ) ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳ ಸಿಬ್ಬಂದಿಗಳ ನಿವೃತ್ತಿ ಸೌಲಭ್ಯಗಳನ್ನು ಪಾವತಿಸಲು "Pay-as-you-go" ಪದ್ಧತಿಯನ್ನು ಅನುಸರಿಸುವುದು.

(ಆ) ದಿನಾಂಕ 01.06.2002 ರಿಂದ ಜಾರಿಗೆ ಬರುವಂತೆ ಎರಡನೇ ವರ್ಗಾವಣೆ ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವರ್ಗಾವಣೆಗೊಳ್ಳುವ ಸಿಬ್ಬಂದಿಗಳ ನಿವೃತ್ತಿ ಸೌಲಭ್ಯಗಳ ಪಾವತಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, ರಾಜ್ಯ ಸರ್ಕಾರವು ನಿಧಿ ಬಿಡುಗಡೆ ಮಾಡುವ ಮಟ್ಟಿಗೆ ಮತ್ತು ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳು ವಂತಿಗೆ ನೀಡುವ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ನಿಧಿಯ ಉಸ್ತುವಾರಿ, ನಿರ್ವಹಣೆ ಮತ್ತು ಆಡಳಿತಕ್ಕಾಗಿ ಕವಿಪ್ರನಿನಿ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್‌ಗಳನ್ನು "ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್‌ಗಳು" ಎಂದು ಮರುನಾಮಕರಣ ಮತ್ತು ಪುನರ್‌ರಚಿಸಿರುತ್ತದೆ.

4. ಮೇಲೆ 4,7,8,10,13,15,17,18,20,22 ಮತ್ತು 24ರಲ್ಲಿ ಓದಲಾದ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿಗಳನುಸಾರ ಮೇಲೆ 5,6,911,12,14,16,19,21 ಮತ್ತು 23ರಲ್ಲಿ ಓದಲಾದ ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್‌ನ ಪತ್ರ/ಆದೇಶಗಳಲ್ಲಿ ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳು ಪಾವತಿಸಬೇಕಾದ ಈ ಕೆಳಗಿನ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ವಂತಿಗೆ ದರಗಳನ್ನು ತಿಳಿಸಲಾಗಿರುತ್ತದೆ. (ಟ್ರಸ್ಟ್‌ನ ಸಂಬಂಧಪಟ್ಟ ಬೋರ್ಡ್ ಆಫ್ ಟ್ರಸ್ಟೀಸ್ ಸಭೆಗಳಲ್ಲಿ ಅನುಮೋದನೆಗೊಂಡಂತೆ)

ಕ್ರಮ ಸಂಖ್ಯೆ	ಅವಧಿಗೆ ಸಂಬಂಧಪಟ್ಟ ವಂತಿಗೆ ದರಗಳು		ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ವಂತಿಗೆ ದರಗಳು		ಇವರ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿಗಳ ಆಧಾರದ ಮೇಲೆ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ವಂತಿಗೆ ದರಗಳು
	ಇಂದ	ಗೆ	ಮೂಲವೇತನ+ಡಿಯರ್‌ನೆಸ್‌ಪೇ +ತುಟ್ಟಿಭತ್ಯೆಗಳ ಮೇಲೆ ಪಿಂಚಣಿ ವಂತಿಗೆ	ಮೂಲವೇತನ+ಡಿಯರ್ ನೆಸ್ ಪೇಗಳ ಮೇಲೆ ಉಪದಾನ ವಂತಿಗೆ	
1	01.06.2002	31.03.2004	15.05%	1.86%	M/s Thanawala Consultancy Services
2	01.04.2004	31.03.2005	19.06%	2.36%	ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್‌ನ ಆಂತರಿಕ ಲೆಕ್ಕಾಚಾರ
3	01.04.2005	31.03.2008	21.00%	1.77%	Sri K.A. Pandith, Mumbai
4	01.04.2008	31.03.2010	26.13%	2.24%	M/s Mercer Consultancy (India) Pvt Ltd.
5	01.04.2010	31.03.2011	29.11%	3.34%	M/s Armstrong International Employees Benefit Solutions,
6	01.04.2011	31.03.2012	30.00%	6.01%	M/s Armstrong International Employees Benefit Solutions,

7	01.04.2012	31.03.2013	30.00%	6.01%	M/s Armstrong International Employees Benefit Solutions,
8	01.04.2013	31.03.2014	32.01%	6.03%	M/s Armstrong International Consultants
9	01.04.2014	31.03.2015	33.02%	6.06%	M/s Armstrong International Consultants
10	01.04.2015	31.03.2016	33.05%	6.08%	M/s Armstrong International Consultants
11	01.04.2016	31.03.2017	42.53%	6.08%	M/s Kapadia Actuaries and Consultants

5. M/s Kapadia Actuaries and Consultants, Mumbai ರವರು ದಿನಾಂಕ 20.05.2019ರ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿಯಲ್ಲಿ ದಿನಾಂಕ 31.03.2018ರ ಅಂತ್ಯಕ್ಕೆ ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ಲೆಕ್ಕ ಫಲಿತಾಂಶವನ್ನು ಪ್ರಸ್ತುತ ಪಡಿಸಿರುತ್ತಾರೆ ಹಾಗೂ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನಕ್ಕೆ ಸಂಬಂಧಿಸಿರುವ ವರ್ಷದಿಂದಲೇ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ವಂತಿಗೆಯನ್ನು ಆಕರಿಸುವಂತೆ ಸೂಚಿಸಿರುತ್ತಾರೆ. ಸದರಿ ವರದಿ ಪ್ರಕಾರ ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳು ಪಾವತಿ ಮಾಡಬೇಕಾದ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ವಂತಿಗೆ ದರಗಳು ಈ ಕೆಳಗಿನಂತಿವೆ.

<u>ದಿನಾಂಕ 01.04.2017ರಿಂದ ಮತ್ತು ಮುಂದಕ್ಕೆ:</u>

i) ಪಿಂಚಣಿ ವಂತಿಗೆ – 57.30% ಮೂಲವೇತನ+ಡಿಯರ್‌ನೆಸ್‌ಪೇ+ತುಟ್ಟಿಭತ್ಯೆಗಳ ಮೇಲೆ

ii) ಉಪದಾನ ವಂತಿಗೆ – 6.08% ಮೂಲವೇತನ+ಡಿಯರ್‌ನೆಸ್‌ಪೇಗಳ ಮೇಲೆ

#ಟಿಪ್ಪಣಿ: ಜಾರಿಯಲ್ಲಿರುವ ಉಪದಾನ ವಂತಿಗೆ ದರ 6.08%ನ್ನು ಮುಂದುವರೆಸಬಹುದೆಂದು ಮೌಲ್ಯಮಾಪಕರು ಅಭಿಪ್ರಾಯಪಟ್ಟಿರುತ್ತಾರೆ.

ಆರ್ಥಿಕ ವರ್ಷದ ಮಾರ್ಚ್ ಅಂತ್ಯಕ್ಕೆ (ಉದಾಹರಣೆಗೆ 31.03.2018ರ ಅಂತ್ಯಕ್ಕೆ) ಸಿಬ್ಬಂದಿ/ಪಿಂಚಣಿ/ಕುಟುಂಬ ಪಿಂಚಣಿದಾರರ ಮಾಹಿತಿಗಳನ್ನು ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪಕರಿಗೆ ಒದಗಿಸಿದರೂ ಸಹ ಸಾಮಾನ್ಯವಾಗಿ ವರದಿಯಲ್ಲಿ ಶಿಫಾರಸ್ಸು ಮಾಡಲಾದ ವಂತಿಗೆ ದರಗಳನ್ನು ಅದೇ ಆರ್ಥಿಕ ವರ್ಷದ ಆರಂಭದಿಂದಲೇ (ಉದಾಹರಣೆಗೆ 01.04.2017ರಿಂದ) ಅನುಷ್ಠಾನಗೊಳಿಸುವ ಕ್ರಮವನ್ನು ಅನುಸರಿಸಲಾಗುತ್ತಿದೆ.

6. ದಿನಾಂಕ 31.03.2018ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪಕರು ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ಕ್ರೋಢೀಕೃತ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಪ್ರಾತ್ಯಕ್ಷಿಕ ವರದಿಯ ಕರಡು ಪ್ರತಿಯನ್ನು ದಿನಾಂಕ 24.05.2019ರಂದು ಎಲ್ಲಾ ಟ್ರಸ್ಟಿಗಳಿಗೂ ಈ ಕಛೇರಿಯಿಂದ ಕಳುಹಿಸಲು ವ್ಯವಸ್ಥೆ ಮಾಡಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಪತ್ರದಲ್ಲಿ ವರದಿಯಲ್ಲಿನ ಯಾವುದೇ ಅಂಶಗಳ (Assumptions), ಆತಂಕಗಳು (Apprehension) ಮತ್ತು ಇತರೆ ವಿಷಯಗಳ ಬಗ್ಗೆ ನೀಡಿರುವ ಸ್ಪಷ್ಟೀಕರಣಗಳನ್ನು ಅಭ್ಯಸಿಸಿ ಹೆಚ್ಚಿನ ಮಾಹಿತಿ ಹಾಗೂ ಸ್ಪಷ್ಟೀಕರಣ ಬೇಕಿದ್ದಲ್ಲಿ ಒಂದು ವಾರದೊಳಗೆ ವಿಷಯವನ್ನು ನಿರ್ದಿಷ್ಟವಾಗಿ ವಿಶದೀಕರಿಸಿ ಈ ಕಛೇರಿಗೆ ತಿಳಿಸಲು ಕೋರಲಾಗಿರುತ್ತದೆ ಹಾಗೂ ವರದಿಯಲ್ಲಿನ ಅಂಶಗಳನ್ನು ಅನುಷ್ಠಾನಕ್ಕೆ ತರಲು ಮುಂದಿನ ಬೋರ್ಡ್ ಆಫ್ ಟ್ರಸ್ಟೀಸ್ ಸಭೆಯ ನಿರ್ಣಯಕ್ಕಾಗಿ ಮಂಡಿಸಲು ಕ್ರಮ ಕೈಗೊಳ್ಳಲಾಗುವುದೆಂದು ತಿಳಿಸಲಾಗಿರುತ್ತದೆ. ಈ ಕುರಿತು ಟ್ರಸ್ಟಿಗಳಿಂದ ಯಾವುದೇ ಪ್ರತಿಕ್ರಿಯೆ ವ್ಯಕ್ತವಾಗಿರುವುದಿಲ್ಲ.

7. ಸದರಿ ಪತ್ರಕ್ಕೆ ಟ್ರಸ್ಟಿಗಳಿಂದ ಯಾವುದೇ ಪ್ರತಿಕ್ರಿಯೆಯು ವ್ಯಕ್ತವಾಗಿಲ್ಲದೇ ಇರುವುದರಿಂದ ವರದಿಯ ಕುರಿತು ಪ್ರತಿಕ್ರಿಯೆ ತಿಳಿಸುವಂತೆ ಎಲ್ಲಾ ಟ್ರಸ್ಟಿಗಳಿಗೆ ಈ ಕಛೇರಿ ಪತ್ರ ದಿನಾಂಕ 06.06.2019ರಲ್ಲಿ ನೆನಪೋಲೆಯನ್ನು ಸಹ ಕಳುಹಿಸಲಾಗಿರುತ್ತದೆ. ಟ್ರಸ್ಟ್ ನೆನಪೋಲೆಗೆ ಮುಖ್ಯ ಆರ್ಥಿಕ ಅಧಿಕಾರಿ, ಗುವಿಕಂ ಮತ್ತು ಮವಿಕಂ ಮಾತ್ರ ಪ್ರತಿಕ್ರಿಯೆಯನ್ನು ವ್ಯಕ್ತಪಡಿಸಿರುತ್ತಾರೆ.

8. ಸಾಮಾನ್ಯವಾಗಿ, ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ ವರದಿಯನ್ನು ಬೋರ್ಡ್ ಆಫ್ ಟ್ರಸ್ಟೀಸ್ ಸಭೆಯಲ್ಲಿ ಮಂಡಿಸಿ ಚರ್ಚೆಯ ನಂತರ ಅಂಗೀಕಾರ ಮಾಡಲಾಗುತ್ತದೆ. ಆದರೆ, ದಿನಾಂಕ 26.10.2018ರ ಸಭೆಯ ನಂತರ ಕಾರಣಾಂತರಗಳಿಂದಾಗಿ ಬೋರ್ಡ್ ಆಫ್ ಟ್ರಸ್ಟೀಸ್ ಸಭೆ ನಡೆದಿಲ್ಲವಾದ್ದರಿಂದ ಈ ವರದಿಯನ್ನು ಸಭೆಯಲ್ಲಿ

ಮಂಡಿಸಲು ಅವಕಾಶವಾಗಿರುವುದಿಲ್ಲ. ಆದಾಗ್ಯೂ, ಕ್ರೋಢೀಕೃತ ಪ್ರಾತ್ಯಕ್ಷಿಕ ವರದಿಯನ್ನು ಈಗಾಗಲೇ ಎಲ್ಲಾ ಟ್ರಸ್ಟಿಗಳಿಗೆ ಕಳುಹಿಸಲಾಗಿರುವುದರಿಂದ ಹಾಗೂ ಪರಿಷ್ಕೃತ ವಂತಿಗೆ ದರಗಳು ಅನುಷ್ಠಾನಗೊಳ್ಳದೇ ಇರುವುದರಿಂದ ಪ್ರತಿ ತಿಂಗಳು ಟ್ರಸ್ಟ್‌ಗೆ ಅಂದಾಜು ₹ 15.56 ಕೋಟಿ ಪಿಂಚಣಿ ವಂತಿಗೆ ಕಡಿಮೆ ಸಂದಾಯವಾಗುತ್ತಿರುವ ಜೊತೆಗೆ ವಂತಿಗೆ ಬಾಕಿ ಮೊತ್ತವು ಬೆಳೆಯುತ್ತಾ ಹೋಗಿ ಕಂಪನಿಗಳಿಗೆ ಹೆಚ್ಚಿನ ಆರ್ಥಿಕ ಹೊರೆಯಾಗುವುದರಿಂದ ಮತ್ತು ಟ್ರಸ್ಟ್‌ನ ಬಡ್ಡಿ ಗಳಿಕೆಯ ಮೇಲೆ ವ್ಯತಿರಿಕ್ತ ಪರಿಣಾಮ ಉಂಟಾಗುವುದರಿಂದ, ಬೋರ್ಡ್ ಆಫ್ ಟ್ರಸ್ಟೀಸ್ ಸಭೆಯಲ್ಲಿ ಮಂಡನೆಯಾಗುವುದನ್ನು ಕಾಯದೇ 01.04.2017 ರಿಂದ ಅನ್ವಯವಾಗುವಂತೆ ಪಿಂಚಣಿ ವಂತಿಗೆ ದರವನ್ನು ಪ್ರಸ್ತುತ 42.53% ರಿಂದ **57.30%**ಕ್ಕೆ ಪರಿಷ್ಕರಿಸಲು ಹಾಗೂ ಪ್ರಸ್ತುತ **6.08%** ಉಪದಾನ ವಂತಿಗೆ ದರವನ್ನು ಮುಂದುವರೆಸಲು ಟ್ರಸ್ಟ್‌ನಿಂದ ಆದೇಶ ಹೊರಡಿಸುವುದು ಸೂಕ್ತವೆಂದು ಹಾಗೂ ಮುಂದಿನ ಬೋರ್ಡ್ ಆಫ್ ಟ್ರಸ್ಟೀಸ್ ಸಭೆಯಲ್ಲಿ ಟ್ರಸ್ಟ್ ಕೈಗೊಂಡ ಈ ಕ್ರಮವನ್ನು ಅನುಸಮರ್ಥಿಸುವಂತೆ ಕೋರಬಹುದಾಗಿರುತ್ತದೆ ಎಂಬ ಪ್ರಸ್ತಾವನೆಯನ್ನು ನಿರ್ದೇಶಕರು(ಹಣಕಾಸು), ಕವಿಪ್ರನಿನಿ ಮತ್ತು ಅಧ್ಯಕ್ಷರು, ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್‌ರವರು ಈ ಕಛೇರಿ ಟಿಪ್ಪಣಿ ದಿನಾಂಕ 22.10.2019ರಲ್ಲಿ ಅನುಮೋದಿಸಿರುತ್ತಾರೆ.

9. ಮೇಲಿನ ಕಂಡಿಕೆ–8ರ ಹಿನ್ನೆಲೆಯಲ್ಲಿ, ಬೋರ್ಡ್ ಆಫ್ ಟ್ರಸ್ಟೀಸ್ ಸಭೆಯ ಅನುಸಮರ್ಥನೆಗೊಳಪಟ್ಟು, ದಿನಾಂಕ 19.12.2002ರ ಸರ್ಕಾರದ ಆದೇಶದನುಸಾರ ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳಿಗೆ ಮೇಲಿನ ದರಗಳನ್ನು ಸೂಚಿಸಲು ಈ ಆದೇಶ.

ಆದೇಶ ಸಂಖ್ಯೆ: ಕೆಇಪಿಜಿಟಿ/ಕೆಸಿಒ123/ಪಿ7/2019–20/ಸಿಎಸ್ – 13
ಬೆಂಗಳೂರು, ದಿನಾಂಕ 30 OCT 2019

ಅ. ಮೇಲೆ ವಿವರಿಸಿದ ಸಂದರ್ಭಗಳ ಹಿನ್ನೆಲೆಯಲ್ಲಿ, ದಿನಾಂಕ 31.03.2006ಕ್ಕೆ ಮತ್ತು ಹಿಂದೆ ನೇಮಕಗೊಂಡ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಸಂಬಂಧಪಟ್ಟಂತೆ, ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳು ಪಾವತಿಸಬೇಕಾದ, ಮಾಸಿಕ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನಗಳ ವಂತಿಗೆಯ ವಂತಿಗೆ ದರಗಳನ್ನು ಈ ಕೆಳಗಿನಂತೆ ಪರಿಷ್ಕರಿಸಿದೆ ಹಾಗೂ ನಿಗದಿಪಡಿಸಿದೆ.

ಅವಧಿಗೆ ಸಂಬಂಧಪಟ್ಟ ವಂತಿಗೆ ದರಗಳು		ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ವಂತಿಗೆ ದರಗಳು	
ಇಂದ	ಗೆ	ಮೂಲವೇತನ + ಡಿಯರ್‌ನೆಸ್‌ಪೇ + ತುಟ್ಟಿಭತ್ಯೆಗಳ ಮೇಲೆ ಪಿಂಚಣಿ ವಂತಿಗೆ	ಮೂಲವೇತನ+ಡಿಯರ್‌ನೆಸ್‌ಪೇ ಮೇಲೆ ಉಪದಾನ ವಂತಿಗೆ
01.04.2017 ಮತ್ತು ಮುಂದಕ್ಕೆ	ಮುಂದಿನ ಆದೇಶದವರೆಗೆ	57.30%	6.08%

ಆ. ಮೇಲೆ ತಿಳಿಸಿದಂತೆ, ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ವಂತಿಗೆ ದರಗಳನ್ನು ಪರಿಷ್ಕರಿಸಿದ ಪರಿಣಾಮ, ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳು ತಾವು ಪಾವತಿಸಬೇಕಾದ ಹೆಚ್ಚುವರಿ ವಂತಿಗೆ ಮೊತ್ತವನ್ನು ಲೆಕ್ಕ ಹಾಕಿ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್‌ನ ಆರ್ಥಿಕ ಸ್ಥಿತಿಯನ್ನು ಬಲಪಡಿಸುವ ದೃಷ್ಟಿಯಿಂದ ಟ್ರಸ್ಟ್‌ಗೆ ಅತೀ ಜರೂರು ಪಾವತಿಸುವುದು.

ಆದೇಶದ ಮೇರೆಗೆ,

(ಎನ್.ವಿ.ಭುವನೇಶ್ವರಯ್ಯ)
ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು ಮತ್ತು ವ್ಯವಸ್ಥಾಪಕ ಟ್ರಸ್ಟಿ,
ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್.

ನಿರ್ದೇಶಕರು(ಹಣಕಾಸು), ಕವಿಪ್ರನಿನಿ ಮತ್ತು
ಅಧ್ಯಕ್ಷರು (ಪಿಂ & ಉ ಟ್ರಸ್ಟ್)ರವರಿಂದ ಅನುಮೋದಿಸಿದೆ

ಪ್ರತಿ ದಯಾಪರ ಅವಗಾಹನೆಗಾಗಿ:

1. ಅಪರ ಮುಖ್ಯ ಕಾರ್ಯದರ್ಶಿ, ಇಂಧನ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ, ವಿಕಾಸಸೌಧ, ಬೆಂಗಳೂರುರವರ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ.
2. ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕವಿಪ್ರನಿನಿ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರುರವರ ಹಿರಿಯ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ.
3. ನಿರ್ದೇಶಕರು(ಹಣಕಾಸು), ಕವಿಪ್ರನಿನಿ ಮತ್ತು ಅಧ್ಯಕ್ಷರು, ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್‌ರವರ ಹಿರಿಯ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ.
4. ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಬೆವಿಕಂ/ಮವಿಕಂ/ಹುವಿಕಂ/ಗುವಿಕಂ/ಜಾವಿಸನಿ/ಪಿಸಿಕೆಎಲ್‌ರವರ ಹಿರಿಯ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ.
5. ನಿರ್ದೇಶಕರು(ಆಡಳಿತ & ಮಾಸಂ), ಕವಿಪ್ರನಿನಿ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರುರವರ ಹಿರಿಯ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ.
6. ಉಪ ಕಾರ್ಯದರ್ಶಿ (ಪಿಂಚಣಿ), ಆರ್ಥಿಕ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಬೆಂಗಳೂರುರವರ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ.

ಪ್ರತಿ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ:

1. ನಿರ್ದೇಶಕರು(ವಾಣಿಜ್ಯ), ಪಿಸಿಕೆಎಲ್, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು.
2. ಮುಖ್ಯ ಪ್ರಧಾನ ವ್ಯವಸ್ಥಾಪಕರು(ಹಣಕಾಸು ಮತ್ತು ವಾಣಿಜ್ಯ), ಬೆವಿಕಂ, ಬೆಂಗಳೂರು.
3. ಮುಖ್ಯ ಆರ್ಥಿಕ ಅಧಿಕಾರಿಗಳು, ಮವಿಕಂ/ಹುವಿಕಂ/ಗುವಿಕಂ/ಚಾವಿಸನಿ.
4. ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು (ಲೆಕ್ಕ ಮತ್ತು ಸಂಪನ್ಮೂಲ), ಕವಿಪ್ರನಿನಿ ಬೆಂಗಳೂರು.
5. ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು (ಆಂತರಿಕ ಲೆಕ್ಕ ಪರಿಶೋಧನೆ) ಕವಿಪ್ರನಿನಿ, ಬೆಂಗಳೂರು.

ಪ್ರತಿ ಮಾಹಿತಿಗಾಗಿ:

1. ಕಂಪನಿ ಕಾರ್ಯದರ್ಶಿ, ಬೆವಿಕಂ, ಕೆ.ಆರ್.ವೃತ್ತ, ಬೆಂಗಳೂರು.
2. ಪ್ರಧಾನ ಕಾರ್ಯದರ್ಶಿ, ಕವಿಪ್ರನಿನಿ, ನೌಕರರ ಸಂಘ, ಬೆಂಗಳೂರು.
3. ಪ್ರಧಾನ ಕಾರ್ಯದರ್ಶಿ, ಕವಿಪ್ರನಿನಿ, ಇಂಜಿನಿಯರುಗಳ ಸಂಘ, ಬೆಂಗಳೂರು.
4. ಪ್ರಧಾನ ಕಾರ್ಯದರ್ಶಿ, ಕವಿಪ್ರನಿನಿ, ಲೆಕ್ಕಾಧಿಕಾರಿಗಳ ಸಂಘ, ಬೆಂಗಳೂರು.
5. ಪ್ರಧಾನ ಕಾರ್ಯದರ್ಶಿ, ಕವಿಮಂ ಪರಿಶಿಷ್ಟ ಜಾತಿ ಮತ್ತು ಪರಿಶಿಷ್ಟ ವರ್ಗಗಳ ಕಲ್ಯಾಣ ಸಂಸ್ಥೆ, ಬೆಂಗಳೂರು.

ಪ್ರತಿ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ:

1. ನಿಯಂತ್ರಣಾಧಿಕಾರಿ (ಹಣಕಾಸು), ಕವಿಪ್ರನಿನಿ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು.
2. ವ್ಯವಸ್ಥಾಪಕರು(ನಗದು & ಲೆಕ್ಕಗಳು)/(ಪಿಂಚಣಿ ಕೋಶ)/(ಆಡಳಿತ)/(ಸಿಬ್ಬಂದಿ–1 & 2)/(ಆಂತರಿಕ ನಿರ್ವಹಣೆ), ಕವಿಪ್ರನಿನಿ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು.
3. ಲೆಕ್ಕಾಧಿಕಾರಿ (ಪಿಂಚಣಿ/ಪಿಂಚಣಿ ಕೋಶ), ಬೆವಿಕಂ/ಮವಿಕಂ/ಹುವಿಕಂ/ಗುವಿಕಂ/ಚಾವಿಸನಿ.

ಮುಖ್ಯ ಕಡತ.

Annexure-13

Details of Hazardous Locations

Status/Breakups of works of different zones

Sl. No.	Locations	Bengaluru		Tumkur		Mysore		Hassan		Bagalkot		Kalburgi		TOTAL
		WUP	WTBTU	WUP	WTBTU	WUP	WTBTU	WUP	WTBTU	WUP	WTBTU	WUP	WTBTU	
1	DWA/Wok awarded/To be awarded	4	1	3					2			1		11
2	work taken up	1							2	1	2			6
3	LOI issued/To be issued	2	1							1	5	1	3	13
4	Tender to be invited/progress		10	1	5	0	2		6		2		5	31
5	Submitted to audit/DPR approved		2		1									3
6	Technical sanction under process		21											21
7	Revised /estimate under process								13					13
8	ROW issue/litigation		3							1		3		7
9	TCCM approved/submitted		1		1								1	3
10	Budget awaited													0
11	Inspection to be carried out													0
12	Clarification from DGM Tech													0
13	Estimate to be prepared/sanctioned				4								9	13
14	PO to be placed	3	2											5
15	Survey under progress		2		3				1			2	5	13
16	Road wideing in NH206		1											1
17	Clarification for DGMD		3											3
	Total	10	47	4	14	0	2	0	24	3	9	7	23	143

- WUP- Work Under Progress
- WTBTU-Work to be taken up

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Corporate Identity Number (CIN):U40109KA1999SGC025521

Registered Office of the Company:
Corporate Office,
Kaveri Bhavan, K.G Road,
Bengaluru -560009.

No. KPTCL/B36/19-20/1513/4173-75
Encl :

Dated:10.03.2020

The Secretary,
KERC, No.16 C-1,
Miller Tank Bed Area,
Vasantha Nagar,
Bengaluru-560 032

Sir,

Sub: To provide comments on conditionally prudent works in BESCOM and CESC for reasons attributable to KPTCL – Reg.

Ref: 1.KERC Ltr. No.: KERC/M/03/19-20/Vol-XIII/1425 dated 04.03.2020
2.T.O.Ltr.No.: KPTCL/B36/19-20/1513/4147-150 dated:05.03.2020
3.Ltr.No.:CEE/TBZ/SEE(O)/AE-3/2019-20/22975-77 dated:10.03.2020
4.Ltr:CEE/TZ/HSN/SEE(O)/AEE-3/2019-20/10875-77 dated:10.03.2020

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The Commission in its letter cited under reference (1) above, had sought comments/ reasons of KPTCL on two works in respect of BESCOM and one work in respect of CESC for FY18 that has been listed under conditionally prudent works for the reasons attributable to KPTCL.

In this regard, the following are the replies of KPTCL:

I. Evacuation of new 11kV feeder from 66/11kV C-Station to reduce overload of F14 and F9 feeders of LR Bande MUSS in O&M-14/2 C5 Sub-division.

1. The Target date for completion of this work of BESCOM is indicated as 21.08.2017 and the date of Completion is 19.08.2017 and the date of Categorization is 11.12.2017. However, KPTCL has received the request from The Executive Engineer(Ele.), Hebbal Division, BESCOM vide letter dtd: **07.02.2019** (copy enclosed- Annexure 1) for installing of 11kV Breaker at 'C' station for the work of bifurcation of 11kV feeder from 66/11kV 'C' station to reduce the load of F14 and F9 feeder of LR Bande substation on self-execution basis.

.. *Contd.2*

2. Accordingly, estimate was sanctioned by SEE, TR(M), BMAZ North KPTCL on Dtd: **18.06.2019** (copy enclosed- Annexure 2) for installing 11kV Switchgear along with adapter panel amounting to Rs.29,27,331/- (delay due to revision of Scheduled of Rates, KPTCL and the same had to be revised and resubmitted by EE, TL&SS Division, Hebbal).
3. Intimation was issued by SEE, Transmission (Maintenance), BMAZ North KPTCL to BESCOM on **26.06.2019** (copy enclosed - Annexure 3). Subsequently, the supervision charges was paid by BESCOM vide receipt No. 9428. Dtd: **03.09.2019** (copy enclosed- Annexure 4), for Rs.3,00,395/-.
4. On **03.11.2019** Breaker along with adapter panel was erected by BESCOM under self-execution basis and the pre-commission test was carried out by RT, KPTCL on **13.12.2019** (copy enclosed - Annexure 5) and found satisfactory and the said Switchgear was ready for commissioning.
5. However, the EE(E), Hebbal division, BESCOM vide letter dtd: **09.03.2020** (copy enclosed - Annexure 6) has mentioned that the UG Cable laid for the said feeder has been proved faulty at multiple location in first bit itself. Further, he has stated that the defects of the UG cable would be rectified and put to service in next fifteen days.

Hence, from the above facts it is evident that KPTCL has taken timely action in providing the 11kV breaker at 'C' Station to reduce the overload of F14 and F9 feeders of LR Bande S/S in O&M-14/2 of C5 Sub-division, BESCOM.However, it is evident that BESCOM due to the faulty UG Cable has not been able to put the asset to use even now.As such the cost of such imprudent investment is not attributable to KPTCL.

II.: Drawing new feeder from Vandarguppe 66/11kV MUSS to release the load of F17-Tagachagere NJY feeder of Channapattana MUSS in O&M-1, Channapatna Rural sub division, Ramanagara division.

1. The Target date for completion of this work of BESCOM is indicated as 09.04.2018 and the date of Completion is 09.04.2018 and the date of Categorization is 28.03.2018. This indicates that the work has been categorized by BESCOM before it is completed.
2. As regards the proposed Vandaraguppe 66/11KV Station, KPTCL had taken up the work of Establishing 1X8MVA, 66/11kV sub-station at Vandaraguppe in Channapatna taluk and construction of 66kV SC line for a distance of 0.92Kms

...Contd.3

to tap the existing 66kV Kothipura– Channapatna SC line to proposed 66/11kV S/s at Vandaraguppe in Channapatna Taluk, Ramanagara District vide, **DPR No: B19/20527/15-16/29.08.2015.**

3. The work was entrusted to M/s. ETA Engineers Bengaluru Pvt Ltd, Bengaluru, vide LOI No. CEE/T&P/SEE/ EET2/T-7/2016-17/1480-93, 1494-1507, 1508-21 dated **18.05.2016** with a target to complete the work within 17.05.2017.
4. The firm completed all works of substation on **27.04.2017** and the 11kV switch gear erection and termination of control cable was completed on **25.02.2018.**

In case of the associated Transmission line, the delay in commissioning of the line was due to obtaining Forest clearances as explained in the following points:

1. As per detail survey Loc Nos: 01 to 03 was proposed to pass through Chikkamannugudde forest for a distance of 309mtr/0.55Ha. The online proposal was uploaded in the Forest Clearance (Parivesh) website on **01.06.2016** (copy enclosed - Annexure 7).
2. After demarcation of forest boundary, line passing through forest area increased from 0.5526Ha to 1.20 Ha (i.e. Loc No: 1 to 6), the revised online proposal uploaded in forest website on **20.06.2017** (copy enclosed - Annexure 8). The online process found completeness on **21.07.2017** (copy enclosed - Annexure 9).
3. The hard copy of the letter regarding proposal of forest clearance in the web site portal was submitted to Deputy Commissioner, Ramanagara on **10.08.2017** (copy enclosed- Annexure 10).
4. The Principal Chief Conservator of Forest forwarded the file to ACS, GOK on **11.10.2018** (copy enclosed - Annexure 11).
5. Deputy Conservator of Forest (Central) had pointed out few observations on **03.01.2019.** The observations pointed out were attended by KPTCL on **07.02.2019** (copy enclosed - Annexure 12).
6. The Assistant Inspector General of Forests (Central) has communicated approval as per the in-principle approval (stage-1) for diversion of 1.26 HA of forest land in Sy No.1 of Chikkamannugudde forest vide letter Dtd: **06.05.2019** (copy enclosed - Annexure 13).
7. The Deputy Conservator of Forest, Ramanagara had communicated stage -1 approval with certain condition and issued Demand notice to pay Net Present Value (NPV), Compensatory Afforestation (CA) and other chargers on **04.07.2019** (copy enclosed - Annexure 14).

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8. Net Present Value (NPV), Compensatory Afforestation (CA) and other charges remitted to forest department on **26.07.2019** (copy enclosed - Annexure 15). The demarcation of forest land was completed and letter was addressed to Deputy Conservator of Forest, Ramanagara on **21.09.2019** (copy enclosed - Annexure 16).
9. DCF, Ramanagara submitted compliance report to Chief Conservator of Forest, Bengaluru Circle to obtain stage-2 approval on **09.10.2019** (copy enclosed - Annexure 17).
10. After submission of compliance report from KPTCL, the forest department allowed to take up construction of 66kV line work in forest area from **02.11.2019.**
11. The line work was completed and 66kV line commissioned on **29.11.2019** (copy enclosed - Annexure 18) and substation was commissioned on **30.11.2019.**

From the above, it is evident that, though KPTCL initiated action for availing forest clearance on 01.06.2016, the Forest Department allowed 66KV line work from 02.11.2019(the time lapsed for this clearance is more than 3 Years). Simultaneously, the work was taken up by KPTCL from **02.11.2019** and the same was completed within a very short period of 27 days i.e., before **29.11.2019** and the line was commissioned on **29.11.2019** and substation was commissioned on **30.11.2019.**

Further, 66/11kV,1x8MVA, Vandaraguppe station was commissioned on **30.11.2019.** Three nos. of 11kV feeders were commissioned as mentioned below:

Feeder no	**Feeder name**	**Load in MWs**	**Remarks**
F1	Kadaramangala (DOC:28.12.2019)	2.6	F1 – Dashawara feeder load released from 66/11kV Channapatna
F2	Kengal NJY (DOC:28.12.2019)	0.2	F20 – Devarahosahalli feeder load released from 66/11kV Channapatna
F3	PDS School (DOC:27.12.2019)	0.4	F6 – Channapatna feeder load released from 66/11kV Channapatna
F4	-	-	Evacuation of line from BESCOM end is under progress

In the above context, it is to submit that the Transmission line work of the subject station was delayed due to delay in Forest Clearances even though KPTCL had initiated timely action.

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Further, as per the load data of F-17 Tagachagere NJY Feeder of 66/11kV Channapattana S/S (3 months before and after commissioning of Vandaraguppe S/S), it is evident that BESCOM has not initiated action to release the loads on F-17 Tagachagere NJY Feeder of 66/11kV Channapattana S/S and transfer the same to 11KV Feeder of newly Commissioned 66/11kV Vandaraguppe S/S.

As such, KPTCL should not be held responsible for delay in utilization of the assets by BESCOM and No cost on this count should be dis-allowed from KPTCL's APR for FY19.

III. Providing the Link Line to new Ramenahalli Feeder for the overloaded F-3 J.C Pura feeder opposite to petrol bunk at J.C Pura towards Ramenahally in D.M Kurke Section of Banavara Division:

The work of "providing 2Nos. additional circuit breakers (11 kV MCVCB) to bifurcate over loaded J.C. Pura F2 Feeders and Sopinahally F6 Feeders 11 kV feeders at D.M.Kurke in Arasiekre Taluk" is completed on 13.03.2019. One number of 11kV line breaker was commissioned on 30.10.2019 at D.M Kurke substation. Whereas another breaker is not utilised by CESC and the work of construction of 11kV line is not yet taken up.

As per the request of the Executive Engineer (Ele.), CESC Arasikere estimate for providing 2 additional circuit breakers 11 kV MCVCB at D.M.Kurke in ArasiekreTaluk has been prepared and technical sanction obtained from Zonal office on 15.12.2016.

The work was awarded duly inviting tenders as per KTPP Act. Only one bid was received and the bidder was technically non-responsive. Call-2 was published on 11.12.2017. The work was commenced by the agency on 05.05.2018 and completed on 13.03.2019. The feeder has been commissioned and assets have been put to use on 30.10.2019.

The delay in the above work was mainly due to delay in supply of 11kV MCVCB by M/s. MEI (Government owned company and exempted under KTPP Act for purchase of 11KV Switchgears by KPTCL) which is due to their pending court case with 11kV CT supplier and change in rate of material due to introduction of GST.

...Contd.6

In view of that above stated reasons, I am directed to request the Commission not to attribute the imprudence of investments of ESCOMs to KPTCL and not to deduct costs on such account from the allowable expenditure in APR for FY19.

Yours faithfully,

Financial Advisor (RA) 10/3/20

Copy to: SPS to MD/DF/DT for placing it before MD/DF/DT for kind information.