# KPTCL's Response to Preliminary Observations of KERC on APR FY18 and ARR for FY20-22 (MYT Period)

# (KERC Letter dated 12.12.2018)

**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 for FY-18 and Annual Revenue Requirement and Expected Revenue from Charges of the Transmission Licensee for FY20, FY21, FY22 and Transmission Tariff Applications of KPTCL.**

**AND**

**IN THE MATTER OF**

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

**AFFIDAVIT**

1. I, H. Manjunath, S/o A.R.Hanumanthappa, aged 59 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, Bangalore-560009 duly authorized to make this affidavit.

3. The Statement made in schedule " A" annexed to the Preliminary Observations of KERC on the Annual Performance Review for FY-18 and Annual Revenue Requirement and Expected Revenue from Charges of the Transmission Licensee for FY20, FY21, FY22 and Transmission Tariff Applications of KPTCL. having pages from 1-101, 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 22nd December 2018 that the contents of above affidavit are true to my knowledge, No part of it is false and no material concealed there from.

Bengaluru - 560009
Dated: 22.12.2018.

SWORN TO BEFORE ME

B. CHITRA, B.A.L.,LL.B.,
ADVOCATE & NOTARY PUBLIC
GOVT. OF INDIA
# 5/1, 1st Floor, 3rd Cross
Eerappa Reddy Layout, Banaswadi Road
BANGALORE - 560 033.

22 DEC 2018

NOTARY B. CHITRA BANGALORE METROPOLITAN AREA Reg. No.10153 GOVT. OF INDIA

**Deponent**

ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು
ನಿಯಂತ್ರಣ ವ್ಯವಹಾರಗಳು
ಕವಿಪ್ರನಿನಿ, ಕಾವೇರಿ ಭವನ,
ಬೆಂಗಳೂರು - 560 009

# KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

| Sl. No | Clause No | Preliminary Observations made by KERC | KPTCL Response |
|---|---|---|---|
| **A. Observations on APR for FY18:** | | | |
| 1. | 1.a | **Reactive Power Compensation and restoration of failed Capacitors:** The No. of capacitors not working has remained at 162 at end of 2nd Quarter of FY19 which is the same as that of the previous quarter. There is no improvement in restoration of failed capacitors. KPTCL shall prioritize repairs and replacements of capacitors not working. KPTCL is not complying to the directions issued. Action plan in this aspect shall be submitted. | KPTCL is giving priority for replacement of capacitor banks as can be seen from the statistics provided by KPTCL in the Review meetings. In the first quarter KPTCL has restored 39 Nos (259.82 MVAr) against 33 failed. In the Second Quarter 35 Nos are restored (148.86 MVAr) as against 35 failed. At the same time No of Installed capacitors have increased from 1247 Nos at the end of first Quarter to 1309 Nos at the end second quarter and 1344 Nos. at the end of the third quarter.<br>It is a coincidence that the capacitor banks not working remained at the same level for both the Quarters. Further, the improvement in the status of working capacitors in the last seven quarters is indicated in the Table as per **Annexure-1.** |
| 2 | 1.b | **Transmission System Availability (TSA)-Monthly report:** The Commission has noted that though the availability is over 99%, some of the wind generators in Basavanabagewadi and Itagi have brought to the notice of the Commission that due to non- | The issues pertaining to Basavanabagewadi has been resolved and subsequently there are no such cases of forced outage of generators on account of transmission network availability. In the case of Itagi, KPTCL has taken up improvement works to reduce overloading of Itagi Station. |

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| | | availability of the Transmission network, the wind generators are directed to shut down the generation, resulting in huge loss in generation of energy. Hence developers have requested the Commission to direct KPTCL to make good the loss in generation.<br>Therefore, the KPTCL shall examine and provide details of all such cases (Transmission line or Sub-Stations) of forced outages of the generators for want of transmission network and submit suitable action plan to address them suitably. | This will also ensure evacuation of wind generation. Further, it is to be noted that the availability is worked on annual basis as per KERC regulation. Also KPTCL is taking up green corridor projects to facilitate evacuation of green power in the State as indicated in replies to para B (9a). |
| 3 | 1.c | **Implementation of Intra State ABT:** KPTCL has to furnish the financial adjustments made between ESCOMs during the implementation of intra-State ABT. | The details furnished by CEE (SLDC) is enclosed as per **Annexure-2.** |
| 4. | 1.d | **Study conducted (Man Power study):** KPTCL has been furnishing the same status for the last couple of years. The explanation provided by KPTCL is not satisfactory and it shall submit a time bound action plan. | KPTCL has already reviewed the recommendations made by the Internal Committee and is in the process of finalising the same. KPTCL will be implementing the recommendations as per the Report by 31st March 2019. |
| 5 | 1.e | **Prevention of Electrical Accidents:** It is submitted by the KPTCL that, it has rectified 164 hazardous locations as against 779 identified locations at the end of the 2nd Quarter of FY19. The Commission notes that only 21% | As per the directions of the Hon'ble Commission in the proceedings of review meeting for the second quarter of FY19, KPTCL is taking necessary action to rectify hazardous locations |

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| | | of identified hazardous locations have been rectified. KPTCL shall provide suitable action plan to rectify all the hazardous locations, in order to avoid accidents. | to avoid accidents.<br>The Zonal Chief engineers are regularly reviewing the works as per the action plan already submitted to KERC. |
| 6. | 2 | **Revenue Gap/ Surplus for FY18:** | |
| | 2.(i) | The KPTCL, in its application filed for approval of the Annual Performance Review for FY 18, has claimed a net gap of Rs.417.82 Crores as per Table-21 and Table-22 and has requested the Commission to allow recovery of the gap from the ESCOMs by carrying forward the gap to the ARR of FY20.<br><br>The same is not included in the ARR for FY20. Further, as per Format-A1, the KPTCL has arrived at a surplus of Rs.212.14 Crores for FY18, but the same has not been carried forward to the ARR of FY 20.<br><br>Thus, there is inconsistency in arriving at the deficit/surplus for FY18. KPTCL shall furnish the correct amount to be considered for the approval of APR for FY18. | The Format A1 is as per the Standard Format provided in KERC (Tariff) Regulations, 2000. However the deficit of Rs 417.82 Cr arrived for FY 18 is shown in Table 27 in page No. 44 of the MYT application.<br><br>The correct amount of ARR for FY 18 Rs.3277.35 Cr as filed in the APR application, Table 21, Page 35. As such there is no inconsistency in filing. |

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| 7 | 2.(ii) | **Additional Employee Cost:**<br>The KPTCL, in its application for approval of APR for FY18, has claimed an amount of Rs.333.65 Crores towards additional employees cost for FY18. This amount includes an amount of Rs.140.91 Crores as arrears of pay revision with effective from 01.04.2017. As per the audited account of KPTCL for FY18, out of Rs.712.06 Crores of salary expenditure, an amount of Rs.140.91 Crores has been included as provisions towards arrears of revision of pay scale with effect from 01.04.17. The KPTCL shall furnish the details of actual amount of additional employee cost incurred towards payment of pay revision arrears from 1.4.17 to 31.3.18, besides furnishing the computation sheet for the claims of Rs.140.91 Crores, included in the salary account during FY18. | KPTCL has revised its employees and Officers pay with effect from 01/04/2017. The provision has been made to that effect in the Accounts based on the information obtained from each accounting Unit. KPTCL has designed a separate Annexure to March Final Accounts to collect group-wise Officials details with respect to existing pay and revised pay. Based on the data obtained from Accounting Units provision towards arrears of pay has been made. Computation of Provision amount is enclosed as **Annexure-3.**<br><br>As against the provision made, actual amount paid towards arrears of pay is Rs.158.57 Crore. Zone-wise and administrative Office-wise arrears paid details are enclosed as **Annexure-4.** |
| 8. | 2.(iii) | **Provision for Taxation:** The KPTCL, in its filing as per the audited accounts, for FY18, has claimed an amount of Rs.574.52 Crores towards provision for taxation by including an amount of Rs.170.02 Crores as current year's income tax and Rs.414.50 Crores against deferred tax liability. The KPTCL shall furnish the details of actual amount of income tax | The Corporate Income Tax has been computed based on Income Tax Act, 1961 during the 3rd week of Sept 2018 ie., after the finalisation of Accounts. The Actual Income Tax paid against the provision made is Rs.170.89 Crore and the challan-wise payment details are enclosed as **Annexure-5.** Further, an amount of Rs. 414.50 Cr is provided as deferred |

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| | | paid to the Income Tax Department, during FY18 along with proof of payment. | tax liablity (As 12) as detailed under Note 17 of the Audited accounts for FY 18. Hence KPTCL has claimed Rs. 584.52 Cr as per Table 21 in page 35 of APR filing document. |
| 9. | 2(iv) | **Contribution towards P & G Trust:** As per the audited accounts for FY18, KPTCL has claimed an amount of Rs.167.66 Crores towards contribution to P&G Trust for FY18. KPTCL shall furnish the details for claiming this amount in the APR for FY18 along with the relevant Actuarial Valuation Report. | 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 its letter No.KEPGT/P7/2018-19/cys-2 dated 07/06/2018** has indicated the rates of contribution for FY 2017-18. In the said letter, rates of Pension and Gratuity contribution for FY 2017-18 has been indicated as 42.53%, 6.08% respectively,In respect of employees appointed after 01/04/2006 under New Defined Contributory Pension Scheme (NDCPS), contribution at 10% on Basic+DP+DA has been accounted. Details are as provided in **Annexure 6.** |
| **B.** | **Observation on ARR for FY 20-22:** | | |
| 10. | 1. | **Transmission Capacity:** As per the audited accounts of KPTCL for FY18, the installed Transmission | The Capacity of 20570 MW indicated in A1 is the approved capacity which is the basis for collection of |

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| | | capacity for FY18 is indicated as 19763 MW. The same is shown also in Table-1 of the ARR filing. However, as per Format-A1, both under APR and ARR proposals, the installed Transmission capacity for FY18 is indicated as 20570 MW. The KPTCL shall examine the anamoly and submit correct figure in the revised Format- A1, in respect of APR for FY18 and ARR for FY20 to FY22. | transmission tariff from ESCOMs for FY 18.The same is indicated in format T2 also. The Transmission capacity indicated in the Audited accounts is 19763 MW which is the Actual capacity for the year. Hence there is no anamoly. Transmission Capacity for the years 18-19 and the MYT period 20-22 based on the Actuals of FY 18 are indicated in Table 26 of MYT application , page no. 44. |
| 11. | 2. | **Projected Transmission Losses:** KPTCL in its application for approval of ARR for FY20-22, has projected the transmission losses of 3.19%, 3.17% and 3.15% respectively for FY20-22. As per the audited accounts of KPTCL for FY18, the actual transmission losses in indicated as 3.283% for FY17 and 3.222% for FY 18 and there is a reduction of 0.061 percentage points over FY17. Considering the huge capex proposed for the control period, the projected transmission losses, with a reduction of the 0.02 percentage point uniformly for all the years of the control period, is not justifiable. KPTCL shall furnish the justification for considering the reduction of 0.02 percentage point for each year of the control period and may reconsider the projected transmission losses for FY20-22. | Reduction in transmission losses is continuous process. Losses are also dependent on the source of generation and load demand of ESCOMs which is spread across the state. KPTCL has been making sustained efforts in reduction of losses besides providing evacuation for generation and meeting load demands of ESCOMs. However KPTCL in its proposal has projected an optimal range of losses for each year of the control period and KPTCL would strive to achieve better reduction in losses. |

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| 12. | 3 | **Transmission load forecast for the Fifth Control Period:**<br>a) The source-wise details of the existing and year-wise addition of generation capacity considered, shall be furnished.<br>b) The ESCOM-wise details of Demand considered and methodology adopted in arriving at the Demand Forecast shall be provided.<br>c)On the State map, Pictorial representation of existing and planned addition of Transmission capacity, indicating the details in sub para(a) and sub para(b) above, shall be provided. | The details are enclosed as per **Annexure 7(a), 7(b) and 7(c).** |
| 13. | 4 | **Actual system Availability for 2017-18:**<br>Zone-wise availability in soft copy form shall be furnished. Further, the details of Transmission constraints, if any, shall be provided along with an action plan for overcoming such constraints. | Soft copy of Zone wise availability is furnished to the Commission on 20.12.18. Details of Transmission constraints and the action plan to mitigate the constraints are provided in the rolling plan submitted to the Hon'ble Commission in page Nos 15-19 for FY 19, Page Nos 27-30 for FY 20, page Nos 37-39 for FY 21 and Page Nos 48-55 for FY 22. |
| 14. | 5 | **System Availability Projections for FY 20, FY21 and FY22:**<br>The methodology adopted to arrive at the system availability and the measures for improving the system | The Actual System Availability for the previous three years i.e FY16 - FY 18 is 99.43% .99.60% and 99.43% with an average of 99.49%. Hence the availability for the base year FY 19 is |

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| | | availability, year on year, by 0.05 percentage point shall be provided. | considered at 99.48%. The projections for the control period is made with an increase of 0 .05% for each year. This projection of System availability is based on the proposed system improvement through augmentation of network, new stations and new lines. |
| 15 | 6 | **Energy handled during the control period:**<br>It is observed that the energy required by the ESCOMs for the next Control Period also includes the following:<br>i. Energy exported under open Access;<br>ii. Energy handled under Wheeling & Banking Agreement;<br>iii. Energy imported by ESCOMs and the Open Access customers;<br><br>In the tariff application filed by the KPTCL, the energy to be handled has been clubbed into one figure and furnished as the ESCOMS requirement after deducting the transmission losses. In order to arrive at the actual requirement of ESCOMs (which is based on their sales), KPTCL shall segregate the energy requirement figures and furnish the same in the following format: | KPTCL is a transmission Comapny providing its network for all types of users including ESCOMS and Open Access Consumers. KPTCL has considered the energy handled based on the energy requirement furnished by ESCOMs. The open access import and export transactions, wheeling and banking transactions occur during the year on case to case basis depending on priorities of the consumer/generators .<br>Hence the same is not projected. However, if the ESCOMs have done any such projections , the same could be made use of. |

<table>
<tr><td>16</td><td>7</td><td>Contribution to Pension Fund: The KPTCL, in its ARR application for FY20-22, has claimed an amount of Rs.287.73 Crores, Rs.332.50 crores and Rs.380.68 Crores towards contribution to the Pension and Gratuity Trust for FY 20 to FY22 respectively. KPTCL shall furnish the computation sheet for the claims made for FY20-22 supported by the relevant Actuarial Valuation Report.</td><td>Computation sheet as required by the Commission is enclosed as Annexure 8.</td></tr>
<tr><td>17.</td><td>8</td><td>Provision for Income Tax:<br>KPTCL in its application for approval of ARR for FY20-22, while projecting a net revenue gap of Rs.843.81 Crores, Rs.1242.22 Crores and Rs.1332.69 Crores for FY20, FY21 and FY22 respectively, has made a provision for income tax of Rs.162.11 Crores, Rs.190.55 Crores and Rs.223.39 Crores for FY20-22 respectively. KPTCL shall furnish the reason for claiming the income tax even while projecting a huge amount of revenue deficit for FY20-22.</td><td>The income tax provisions are made on the RoE as per the provisions of the MYT Regulations. The deficit indicated is based on the revenue from existing tariff.</td></tr>
<tr><td>18.</td><td>9</td><td>Capex for FY20 to FY22<br>KPTCL has proposed the following amounts towards capex for the next control period as follows:<br><table><tr><td>Fin. Year</td><td>No.of works</td><td>Capex proposed (Rs. Crores)</td></tr><tr><td>FY20</td><td>667</td><td>3207.97</td></tr><tr><td>FY21</td><td>573</td><td>3269.64</td></tr><tr><td>FY22</td><td>419</td><td>3287.77</td></tr></table></td><td></td></tr>
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| | | The Commission notes that the number of works and the capex amounts proposed is towards the works that are completed and which are likely to be completed during the control period FY20 to FY22. On a review of the list of proposed capex, the following observations are made: | |
| 19. | 9.(a) | **Rationale for Capital Investment Programme for FY 20, FY 21 and FY 22:**<br><br>i. The addition of RE capacity in the State is much more than what was planned when the Power Grid conducted the study for Green Energy Corridors. The KPTCL shall provide the details of its planning and implementation of the Green Corridor in the State considering the present status of RE and future growth in RE capacity, by revising its earlier plan. KPTCL shall also provide complete details of works being carried out and to be carried out, to meet the anticipated RE Additions.<br><br>ii. The '24X7 Power for All' Programme initiated by the Government of India began few years ago. Whether KPTCL network, as existing now, is adequate to provide '24X7 Power for All' throughout the State, without any constraints, during the Control Period | Reply in respect of B(9)(a) (i) (ii) and (iii) are furnished in **Annexure 9.**<br><br>In respect of B(9)(a) (iv), KPTCL is reviewing the projects regularly for ensuring timely completion to reduce any time over run/ cost over-run. Further, post commissioning analysis of the completed works is also carried out and prudence check by third party is conducted by the commission. |

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| | | FY20-FY22, needs to be examined. If it is not adequate, the KPTCL shall indicate the measures already initiated and the action plan to provide 24X7 Power for all during the said Control Period.<br><br>The KPTCL has to assess the network capability for harnessing the solar power by shifting the 11kV Agricultural feeders simultaneously during the solar peak generation period and take necessary action to cater the loads without any constraints. Action taken in this regard may be furnished.<br><br>iii. Whether the KPTCL has done any study to know the percentage of utilisation of Transmission lines meant for evacuation of RE Power? And whether it has considered any cost-effective and efficient methods for evacuation of Power from RE Power depending upon the requirement? If so details thereof may please be provided.<br><br>iv. Whether KPTCL has done Analysis on impact of delay in projects on increase in cost and increase in per unit of cost of transmission. | |

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| 20. | 9(b) | **List of capital Works:**<br><br>It is seen from the tariff application that a list containing 667 number of capital works (prepared in a chronological order), which areplanned to be undertaken/ executed during next control period, is furnished. From the list so prepared, the Commission is unable to categorise the works into completed works, ongoing works and works to be taken up in the near future. It is not clear from the list as to how the KPTCL will prioritise the works to be undertaken / executed. Therefore, the KPTCL shall prepare the list as per the Annexures enclosed to the observations and submit it with the its compliance to the observations. | Details as per **Annexures A ,B and C** are enclosed. |
| 21. | 9(c) | **Financing of the Capex:**<br>Though huge amounts of over Rs.3200 crores, for each of the years of the control period, are proposed to be incurred, KPTCL has not indicated the sources of funding the capex. As per Format T-9, new loans to be raised from commercial banks to the tune of over Rs.2600 crores annually,are indicated. This indicates that the financing of future capex as specified in the MYT Regulations (Debt: Equity norm of 70:30) is not being complied with. Hence, KPTCL shall furnish the | The Details of Funding the Capex for the control period is enclosed as per **Annexure 10.** |

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| | | details of funding of capex for the control period, duly considering the internal resources such as depreciation, retained earnings, consumer contribution/grants etc. to arrive at the net requirement of funding the capex. | |
| 22. | 9(d) | **Budget for Completed works:**<br>The budget for the completed works is indicated as Rs.371.19 Crores, Rs. 665.32 Crores and Rs. 752 Crores for FY20, FY21 and FY22 respectively. It is understandable that for the completed works, any outstanding amount towards non-submission of bills, disputes in the quantification of additional works/ deviations etc. would be paid in the immediate next year of completion of work, by providing the budget, in the immediate next year i.e. FY20. But the purpose for providing budgets towards completed works for the subsequent two years (FY21 & FY22) that too by providing huge amounts of Rs. 665.32 Crores and Rs. 752 Crores respectively, is not clear. KPTCL shall suitably clarify the same | The budget indicated for completed works Rs. 371.19 Crores, Rs. 665.32 Crores and Rs.752 Crores for FY20, FY21 & FY22 respectively are the amount required for the works which are completed during previous financial year.<br>**For example**: No. of works intended to be completed during FY-19 is 312, out of which 217 will achieve physical and financial completion during FY19 itself while 95 is expected to be completed physically for which a budget of Rs.317.19 Crores is earmarked in FY20 for achieving financial completion. Similarly, an amount of Rs. 665.32 Crores is earmarked for achieving financial completion of 54 works in FY21 and an amount of Rs.743 Crores is earmarked for achieving financial completion of 42 works in FY22. |

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| 23. | 9(e) | **Inclusion of R & M works under capex:**<br>In the proposed list of capex, works pertaining to R & M have been included vide Sl. Nos. 27, 28, 31 and 33. The expenses on these works are chargeable to Revenue Expenditure, but KPTCL has classified these works under capex. The reasons thereof need to be explained. If these works are to be undertaken under R & M, the same shall be excluded from the list of proposed capex. | The R&M Works included under CAPEX is the work towards Renovation & Modernization of existing sub-stations wherein all the major equipments, C&R panels, bus bar are replaced with new equipments, C&R panels and bus bar. As seen from the nature of work, by taking up the Renovation & Modernization of existing sub-stations, the life of asset is increased and hence the life of project. Therefore these R&M works has been classified under CAPEX. |
| 24 | 9(f) | **Incomplete works brought forward from the previous control period and huge amount of works in progress to be converted into assets:**<br>From the list of capex works, it is observed that many works that were included in the earlier control period i.e. FY17 to FY19 have been included in the current list for FY20-FY22 also (Example: Sl. Nos. 10, 11,12,20, 21). This would mean that, these works have not been completed during the previous control period but again included in the current list and are likely to be completed in this control period. As a result of non-completion | Details of works in prescribed format and reasons for delay are indicated in **Annexure A ,B and C**.<br><br>All efforts will be made for capitalization of works completed within scheduled time.<br><br>Necessary corporate direction will be issued to all CEE, Transmission zones to prepare age-wise analysis of list of works in progress and remedial action initiated to reduce the inventory. |

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| | | of works, the money already spent would remain as idle investment till the assets are put to use.<br>Further, it is seen from the audited accounts for FY18 that as on 31.03.2018, an amount of Rs. 3,033 Crores is remaining under the head of account 'Work in Progress'. This is a huge amount representing the money which is already spent but the assets thereon are not yet commissioned. It is to be pointed out here that, the capital works taken up shall be completed in a time bound manner by addressing all the issues (like RoW etc.) and if the assets are not put to use despite incurring huge capex, the capital investment will become idle and the consumers are made to bear the interest burden without deriving any benefit from such works, for an indefinite period. The KPTCL shall analyse the work-in-progress by preparing an age-wise analysis and explain the reasons for the keeping such a huge amount under work in progress besides taking remedial action to reduce the huge balance under the 'Work In Progress'. | |

**Financial Advisor (RA)**
FINANCIAL ADVISOR
Regulatory Affairs
KPTCL, Kaveri Bhavan
Bangalore - 560 009

**Annexure-1**

## MVAR AVAILABILITY TO THE GRID FROM WORKING CAPACITOR BANKS

| Quarter | Installed | | Working | | % working vis-à-vis the installed | |
|---|---|---|---|---|---|---|
| | No's. | MVAR | No's. | MVAR | No's. | MVAR |
| 1st of F.Y-2018 | 1047 | 6175.54 | 877 | 4528.29 | 83.76% | 73.32 % |
| 2nd of F.Y-2018 | 1076 | 6259.74 | 919 | 4626.07 | 85.41% | 73.90 % |
| 3rd of F.Y-2018 | 1131 | 6418.87 | 970 | 4756.41 | 85.76 % | 74.10 % |
| 4th of F.Y-2018 | 1196 | 6607.98 | 1036 | 5011.84 | 86.62 % | 75.84 % |
| 1st of F.Y-2019 | 1247 | 6757.77 | 1085 | 5163.19 | 87.00 % | 76.40 % |
| 2nd of F.Y-2019 | 1309 | 6945.61 | 1147 | 5344.65 | 87.62 % | 76.95 % |
| 3rd of F.Y-2019 (Oct-18 to Nov-18) | 1344 | 7015.11 | 1176 | 5478.70 | 87.50 % | 78.09 % |

ANNEXURE-2

No. CEE/SLDC/CA/TBC/ 12448-57

O/O Chief Engineer Ele.
State Load Despatch Center, KPTCL
Race course Cross Road, A.R.Circle
Banglore-560001. 11 DEC 2018

**Bill Date: 07.12.2018**
**Due Date: 17.12.2018**

# INTRA STATE ABT FOR CGS DEVIATION BILL

**Ref : SRPC Invoice dated 25.09.2018.** **BILL NO. 2 /07.12.2018**

**BILL TOWARDS PAYMENT OF DEVIATION SETTLEMENT ACCOUNT PAYABLE/RECEIVABLE BY KPTCL TO ABT BASED UI POOL ACCOUNT ON BEHALF OF ESCOMS FOR THE PERIOD FROM 10/09/2018 to 16/09/2018**

## Abstract of UI Energy for the week from 10/09/2018 to 16/09/2018

| | TOTAL | BESCOM | MESCOM | HESCOM | GESCOM | CESC | REMARKS |
|---|---|---|---|---|---|---|---|
| | In MWh | | | | | | |
| CGS | -9021.052 | 236.038 | -126.640 | 2356.661 | -8761.456 | -2725.655 | CGS portion of deviation settlement for ESCOMS |
| ESCOM | 0 | 19325.446 | 2901.854 | 37785.000 | -55085.636 | -4926.664 | State portion of Deviation settlement amount |
| TOTAL | -9021.052 | 19561.484 | 2775.214 | 40141.661 | -63847.092 | -7652.319 | |

## Abstract of amount to be paid for the week from 10/09/2018 to 16/09/2018

| | CGS portion of deviation settlement for ESCOMS | State portion of Deviation settlement amount | Total amount in Rs. | Payable to ESCOMS/Receivable from ESCOMS |
|---|---|---|---|---|
| | In Rupees | | | |
| BESCOM | 261084 | 53642901 | 53903985 | Receivable |
| MESCOM | -554679 | 8073015 | 7518336 | Receivable |
| HESCOM | 7528448 | 109023774 | 116552222 | Receivable |
| GESCOM | -22596453 | -156676035 | -179272488 | Payable |
| CESC | -8307547 | -14063655 | -22371202 | Payable |
| TOTAL | -23669147 | 0 | -23669147 | |

NOTE:(+)INDICATES AMOUNT RECEIVABLE BY KPTCL FROM ESCOMS.
(-)INDICATES AMOUNT PAYABLE BY KPTCL TO THE ESCOMS.

**Chief Engineer(Elec)**
**SLDC, KPTCL, B'LORE**

**TO**
**Managing Director.,**
**BESCOM/MESCOM/GESCOM**
**HESCOM/CESC**

*Please pay through DD or through RTGS in favour of "Chief Engineer (Ele),SLDC,KPTCL, Bangalore
RTGS (IFSC) Code of State Bank of Mysore, Madhavanagar, Bangalore:SBIN0040196
Current Account No: 64022936516

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

ANNEXURE-2

No. CEE/SLDC/CA/TBC/ 9847-52

O/O Chief Engineer Ele.
State Load Despatch Center, KPTCL'
Race course Cross Road, A.R.Circle
Banglore-560001.

**Bill Date: 29.10.2018**
**Due Date: 08.11.2018**

## INTRA STATE ABT FOR CGS DEVIATION BILL

**Ref : SRPC Invoice dated 18.09.2018.** **BILL NO. 1 /29.10.2018**

**BILL TOWARDS PAYMENT OF DEVIATION SETTLEMENT ACCOUNT PAYABLE/RECEIVABLE BY KPTCL TO ABT BASED UI POOL ACCOUNT ON BEHALF OF ESCOMS FOR THE PERIOD FROM 03/09/2018 to 09/09/2018**

### Abstract of UI Energy for the week from 03/09/2018 to 09/09/2018

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CGS | 16618638 | 18383065 | 1871328 | -1148620 | -3163382 | 676247 | CGS portion of deviation settlement for ESCOMS |
| ESCOM | 0 | 117892610 | 4917420 | -45903885 | -73866717 | -3039427 | State portion of Deviation settlement amount |
| TOTAL | 16618638 | 136275675 | 6788748 | -47052505 | -77030099 | -2363180 | |

### Abstract of amount to be paid for the week from 03/09/2018 to 09/09/2018

| | | | | |
|---|---|---|---|---|
| | 49832993 | 331228266 | 381061259 | Receivable |
| | 5084148 | 13259395 | 18343543 | Receivable |
| | -2849468 | -129469617 | -132319085 | Payable |
| | -7226463 | -206380463 | -213606926 | Payable |
| | 1794056 | -8637581 | -6843525 | Payable |
| | 46635266 | 0 | 46635266 | |

Chief Engineer(Elec)
SLDC, KPTCL, B'LORE

29/10/18

TO
Managing Director.,
BESCOM/MESCOM/GESCOM
HESCOM/CESC

Please pay through DD or through RTGS in favour of "Chief Engineer (Ele),SLDC,KPTCL, Bangalore
RTGS (IFSC) Code of State Bank of Mysore, Madhavanagar, Bangalore:SBIN0040196
Current Account No: 64022936516

KPTCL

ANNEXURE - 3

## SALARY

| Group | Employee No. | Existing Pay | Revised Basic | DA on existing pay | DA on Revised Pay | HRA on existing pay | HRA on revised pay | CCA on existing pay | CCA on revised pay | Additional Basic | Additional DA | Additional HRA | Additional CCA | Total Arrears |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1132 | 719940785 | 909480755 | 322323320 | 407132544 | 137498292 | 174417968 | 4172794 | 4172794 | 189539971 | 84809226 | 36919677 | 0 | 311268873 |
| B | 1159 | 488127329 | 607[illegible] | [illegible] | 279085915 | 75497171 | 97325182 | 2556886 | 2556886 | 136151638 | 60327344 | 21828011 | 0 | 218306993 |
| C | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 228500141 | 5668101 | 5668101 | 334707199 | 149536414 | 49058396 | 0 | 533302010 |
| D | 2751 | 588607580 | 738[illegible] | 263[illegible] | 716280087 | 179481745 | 110093870 | 3535137 | 3535137 | 150002881 | 67794712 | 22706783 | 0 | 240504376 |
| Total | 9020 | 3058995246 | 3869396935 | 1371081237 | 1733548931 | 479824295 | 610337161 | 15932918 | 15932918 | 810401690 | 362467696 | 130512866 | 0 | 1303382251 |

## ELS

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 943 | 57844532 | 76044708 | 26580342 | 34836793 | 12045015 | 15916214 | 138281 | 138281 | 18200176 | 8256450 | 3871199 | 0 | 30327825 |
| B | 889 | 24986589 | 32859492 | 10806698 | 14515204 | 4476459 | 6378247 | 85247 | 85247 | 7872904 | 3708506 | 1901787 | 0 | 13483197 |
| C | 2147 | 85491196 | 110293919 | 37262966 | 49548373 | 12135760 | 16910588 | 262519 | 262519 | 24802723 | 12285407 | 4774828 | 0 | 41862958 |
| D | 1596 | 39751887 | 51677635 | 17288043 | 22909754 | 6008656 | 8546423 | 154209 | 154209 | 11925748 | 5621711 | 2537768 | 0 | 20085226 |
| Total | 5575 | 208074204 | 270875755 | 91938049 | 121810123 | 34665890 | 47751471 | 640256 | 640256 | 62801550 | 29872074 | 13085582 | 0 | 105759207 |

Annexure-4 1-28

# KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

## 2017-18 Pay Scale Arrears Payment

| Unit Name | BP | DP | DA | HRA | ELS | Total |
|---|---|---|---|---|---|---|
| IM Section | 5,29,08,879.00 | - | 2,47,31,507.00 | 1,57,41,252.00 | 99,87,816.00 | 10,33,69,454.00 |
| SLDC | 1,69,40,469.00 | - | 82,74,038.00 | 52,67,548.00 | 9,71,981.00 | 3,14,54,036.00 |
| Cash and Accounts | 2,42,50,838.00 | | 1,08,45,221.00 | 71,14,806.00 | 33,59,705.00 | 4,55,70,570.00 |
| Bangalore Zone | 20,05,20,052.00 | 2,59,77,031.00 | 5,01,21,770.00 | 3,82,23,976.00 | 1,60,31,814.00 | 33,08,74,643.00 |
| Mysore Zone | 9,12,49,603.00 | 3,31,593.00 | 4,03,85,013.00 | 1,34,06,561.00 | 79,70,559.00 | 15,33,43,329.00 |
| Tumkur Zone | 10,62,13,265.00 | 2,95,87,322.00 | 1,74,33,855.00 | 1,03,49,569.00 | 1,05,75,511.00 | 17,41,59,522.00 |
| Hassan Zone | 12,74,32,256.00 | 2,45,92,763.00 | 3,55,24,387.00 | 1,36,17,409.00 | 1,62,34,310.00 | 21,74,01,125.00 |
| Bagalkot Zone | 17,33,40,202.00 | 2,09,73,973.00 | 5,22,24,286.00 | 2,41,56,210.00 | 1,40,35,604.00 | 28,47,30,275.00 |
| Gulbarga Zone | 17,15,09,404.00 | 71,22,280.00 | 4,32,24,291.00 | 1,30,75,984.00 | 98,79,983.00 | 24,48,11,942.00 |
| | | | | | | - |
| **Grand Total** | **96,43,64,968.00** | **10,85,84,962.00** | **28,27,64,368.00** | **14,09,53,315.00** | **8,90,47,283.00** | **1,58,57,14,896.00** |

| Details of actual amount of Income Tax Paid to Income Tax department for the Financial Year-2017-18 | | | | | | |
|---|---|---|---|---|---|---|
| **S.l. No** | **Period** | **Quarter** | **Income Tax Paid (Amount in Crs)** | **Challan No. & Date** | **Remitted at** | **Cheque No. & Date** |
| 1 | 01.04.2017-30.06.2017 | 1st Quarter | 39,40,00,000 | 15-06-2017 | Vijaya Bank | 720461 /14-06-2017 |
| 2 | 01.07.2017-30.09.2017 | 2nd Quarter | 28,61,00,000 | 14-09-2017 | Vijaya Bank | 564805/15-09-2017 |
| 3 | 01.10.2017-31.12.2017 | 3rd Quarter | 25,70,00,000 | 00003/14-12-2017 | Vijaya Bank | 558289/14-12-2017 |
| 4 | 01.01.2017-31.03.2017 | 4th Quarter | 28,88,00,000 | 0001/14-03-2018 | Vijaya Bank | 553485/14-03-2018 |
| 5 | Self Assesment Income Tax-2017-18 | | 48,29,96,370 | 00002/28-09-2018 | Vijaya Bank | 549697/28-09-2018 |
| **Total** | | | 170,88,96,370 | | | |

Controller (C&T)
15/12/18

Annexure-5

**Taxpayers Counterfoil** (To be filled up by the Taxpayer)

| | |
|---|---|
| PAN | A A B C K 7 2 8 1 M |
| Received from | KARNATAKA POWER TRANSMISSION CORPORATION LIMITED (Name) |
| Cash/ Debit to A/c /Cheque No. | 720461 |
| For Rs. | 39,40,00,000/- |
| Rs. (in words) | Thirty Nine Crores Forty Lakhs only. |
| Drawn on | VIJAYA BANK, K.G ROAD BRANCH, BENGALURU (Name of the Bank and Branch) |
| on account of Income Tax on Type of Payment | Companies/Other than Companies/Tax (Strike out whichever is not applicable) |
| for the Assessment Year | 2018-19 (To be filled up by person making the payment) |

ACKNOWLEDGEMENT
विजया VIJAYA BANK
K.G. Road Br., BANGALORE-9
B.S.R. CODE : 0290000
Deposit Date 15 JUN 2017
Realisation Dt. :
Serial No. :

Rs. RTGS 60138

Printed from www.incometaxindia.gov.in

Page 1 of 2

Signature of person making payment

Controller (A P & A)

**Taxpayers Counterfoil (To be filled up by tax payer)**

| | |
|---|---|
| PAN | AABCK7281M |
| Received from | CONTROLLER (A.P & A) K P T C L CORPORATE OFFICE, 7TH FL |
| | (Name) |
| Cash/ Debit to A/c /Cheque No. | 564805 |
| For Rs. | 286100000 |
| Rs. (in words) | Rupees twenty eight crore sixty one lac only |
| Drawn on | VIJAYA BANK, K.G ROAD BRANCH |
| | (Name of the Bank and Branch) |

on account of .....

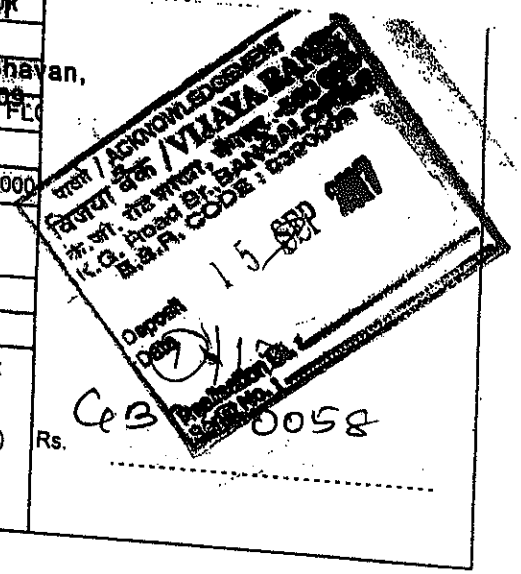
Income Tax on ..... Companies/Other than Companies/Tax

Type of Payment ..... (Strike out whichever is not applicable)

for the Assessment Year 2018 - 19 (To be filled up by person making the payment)

Rs. .....

KPTCL, Kaveri Bhavan, Bangalore-09




Finotax

Annexure - A - IV - II

PRINT

## Computer generated receipt

| | |
|---|---|
| Name of the bank collecting tax | VIJAYA BANK |
| Full name of Taxpayer | KPTCL |
| PAN of Taxpayer | AABCK7281M |
| Amount deposited : | |
| (i) Income Tax | 257000000 |
| (ii) Surcharge | -- |
| (iii) Education Cess | -- |
| (iv) Penalty | -- |
| v) Interest amount | -- |
| vi) Other amount | -- |
| Total amount deposited : (in figure) | 257000000 |
| Mode of deposit of tax ( by cash / debit to account / by cheque bearing No. ) | Transfer - Debit A/C No - 111800300005318 |
| Date of encashment of cheque (dd/mm/yy) | 14/12/17 |
| On account of Income Tax Deducted / collected from Companies (0020) / Other than Companies(0021) | 0020-CORPORATION TAX |
| Minor head - Type of payment | 100-ADVANCE TAX |
| Assessment Year (yyyy - yy) | 2018-19 |

### Challan Identification Number (CIN)

| | |
|---|---|
| BSR code of collecting bank branch | 0390009 |
| Date of tender of cheque (dd/mm/yyyy) | 14/12/2017 |
| Challan Serial Number | 00003 |

Signature & seal of authorised signatory of collecting bank branch

विजया बैंक I VIJAYA BANK
के.जी. रोड शाखा
K.G. Road Branch
बेंगलूरु / BENGALURU-9

Close

Annexure - A - IV - II

| Computer generated receipt | |
|---|---|
| Name of the bank collecting tax | VIJAYA BANK |
| Full name of Taxpayer | KARNATKA POWER TRANSMISSION CORPORA |
| PAN of Taxpayer | AABCK7281M |
| Amount deposited : | |
| (i) Income Tax | 288800000 |
| (ii) Surcharge | -- |
| (iii) Education Cess | -- |
| (iv) Penalty | -- |
| v) Interest amount | -- |
| vi) Other amount | -- |
| Total amount deposited : (in figure) | 288800000 |
| Mode of deposit of tax ( by cash / debit to account / by cheque bearing No. ) | Transfer - Debit A/C No - 111800300005318 |
| Date of encashment of cheque (dd/mm/yy) | 14/03/18 |
| On account of Income Tax Deducted / collected from Companies (0020) / Other than Companies(0021) | 0020-CORPORATION TAX |
| Minor head - Type of payment | 100-ADVANCE TAX |
| Assessment Year (yyyy - yy) | 2018-19 |

| Challan Identification Number (CIN) | |
|---|---|
| BSR code of collecting bank branch | 0390009 |
| Date of tender of cheque (dd/mm/yyyy) | 14/03/2018 |
| Challan Serial Number | 00001 |

Signature & seal of authorised signatory of collecting bank branch

कृते विजया बैंक / For Vijaya Bank

सहायक शाखा प्रबंधक /Asst. Br. Manager
के.जी. रोड, बैंगलूर -560 009
K.G. Road, BANGALORE-9

Close

Annexure - A - IV - II

| Computer generated receipt | |
|---|---|
| Name of the bank collecting tax | VIJAYA BANK |
| Full name of Taxpayer | KPTCL |
| PAN of Taxpayer | AABCK7281M |
| Amount deposited : | |
| (i) Income Tax | 482996370 |
| (ii) Surcharge | -- |
| (iii) Education Cess | -- |
| (iv) Penalty | -- |
| v) Interest amount | -- |
| vi) Other amount | -- |
| Total amount deposited : (in figure) | 482996370 |
| Mode of deposit of tax ( by cash / debit to account / by cheque bearing No. ) | Transfer - Debit A/C No - 111800300005318 |
| Date of encashment of cheque (dd/mm/yy) | 28/09/18 |
| On account of Income Tax Deducted / collected from Companies (0020) / Other than Companies(0021) | 0020-CORPORATION TAX |
| Minor head - Type of payment | 300-SELF ASSESMENT TAX |
| Assessment Year (yyyy - yy) | 2018-19 |
| **Challan Identification Number (CIN)** | |
| BSR code of collecting bank branch | 0390009 |
| Date of tender of cheque (dd/mm/yyyy) | 28/09/2018 |
| Challan Serial Number | 00002 |

Signature & seal of authorised signatory of collecting bank branch


28/9/18

Back

**Annexure-6**

## CONTRIBUTION TOWARDS P & G TRUST:

| | |
|---|---|
| (1)Pension & Gratuity Contribution in respect of Employees appointed prior to 01/04/2006 | |
| (a) Pension Contribution@ 42.53% on Basic+DP+DA for FY 2017-18 | 102 23 00 791 |
| (b)Gratuity Contribution@ 6.08% on Basic+DP for FY 2017-18 | 10 05 39 714 |
| (c) Pension Contribution@ 42.53% on Basic+DP+DA towards arrears of pay | 21 95 29 737 |
| (d) Gratuity Contribution@ 6.08% on Basic+DP towards arrears of pay | 2 16 81 183 |
| **Total** | **136 40 51 425** |
| (2)Pension Contribution in respect of employees appointed on or after 01/04/2006 | |
| (a)KPTCL's Pension contribution at 10% on Basic+DP+DA to New Pension Scheme(NDCPS) | 24 60 43 366 |
| (b) NDCPS contribution towards arrears of pay | 6 57 21 614 |
| (c) NDCPS contribution in respect of employees deputed to TBHE, Munirabad | 8 30 295 |
| **Total** | **167 66 46 700** |

ಕ.ವಿ.ಪ್ರ.ನಿ.ನಿ. ಮತ್ತು ವಿಸಕಂಗಳ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್
KPTCL AND ESCOMs PENSION AND GRATUITY TRUSTS
Ph No. 080-22291150
Fax No. 080-22223558
E-mail: pgtrustkptcl@yahoo.com
6th Floor,
Kaveri Bhavan,
Bangalore-560009.

ಸಂಖ್ಯೆ: ಕೆಇಪಿಜಿಟಿ/ಪಿ7/2018-19/೮೪೨-೩ ದಿನಾಂಕ: 07 JUN 2018
ಲಗತ್ತು: 2 ಅನುಬಂಧಗಳು

ಗೆ,

ಎಲ್ಲಾ ಟ್ರಸ್ಟಿಗಳು,
ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್,

ಮಾನ್ಯರೇ,

ವಿಷಯ: 31.03.2017ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನಕ್ಕೆ (Actuarial Funding Report) ಸಂಬಂಧಿಸಿದಂತೆ ಕ್ರೋಢೀಕೃತ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಪ್ರಾತ್ಯಕ್ಷಿಕ ವರದಿಗಳನ್ನು ಕಳುಹಿಸುವ ಕುರಿತು.

ಉಲ್ಲೇಖ: 1. ಈ ಕಛೇರಿ ಪತ್ರ ಸಂಖ್ಯೆ: ಕೆಇಪಿಜಿಟಿ/ಕೆಸಿಒ123/ಪಿ7/2016-17/1465-71 ದಿನಾಂಕ 20.02.2017.
2. ಈ ಕಛೇರಿ ಕಾರ್ಯಾದೇಶ ಸಂಖ್ಯೆ. ಕೆಇಪಿಜಿಟಿ/ಕೆಸಿಒ123/ಪಿ7/2016-17/40-43 ದಿನಾಂಕ 07.04.2017.
3. ಈ ಕಛೇರಿ ಪತ್ರ ದಿನಾಂಕ 16.05.2018.
4. ಈ ಕಛೇರಿ ಪತ್ರ ಸಂಖ್ಯೆ. ಕೆಇಪಿಜಿಟಿ/ಕೆಸಿಒ123/ಪಿ7/2018-19/210 ದಿನಾಂಕ 11.05.2018.
5. ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪಕರ ಪತ್ರ ದಿನಾಂಕ 14.05.2018.

* * * * *

1. ಮೇಲಿನ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ತಮ್ಮ ಗಮನಕ್ಕೆ ತರಬಯಸುವುದೇನೆಂದರೆ, ದಿನಾಂಕ 31.03.2017ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನಕ್ಕೆ (Acturial Valuation) ಸಂಬಂಧಿಸಿದಂತೆ ಪ್ರೊಫಾರ್ಮ 1 ರಿಂದ 7 ರ ಪಟ್ಟಿಗಳನ್ನು Excel Format ನಲ್ಲಿ ಸಿಬ್ಬಂದಿ/ನಿವೃತ್ತಿದಾರರ ಮಾಹಿತಿಗಳನ್ನು ಸಲ್ಲಿಸುವಂತೆ ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳು/ಪಿಸಿಕೆಎಲ್‌ಗಳನ್ನು ಉಲ್ಲೇಖ-1ರ ಪತ್ರದಲ್ಲಿ ಕೋರಲಾಗಿತ್ತು.

2. ಬೋರ್ಡ್ ಆಫ್ ಟ್ರಸ್ಟೀಸ್ ಸಭೆಯಲ್ಲಿ ಅನುಮೋದಿಸಿದಂತೆ, ಉಲ್ಲೇಖ-2ರಲ್ಲಿ ದಿನಾಂಕ 31.03.2017ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪನ (Acturial Valuation) ಕಾರ್ಯವನ್ನು M/s Kapadia Actuaries & Consultants, Mumbai ರವರಿಗೆ ವಹಿಸಲಾಗಿರುತ್ತದೆ.

3. ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳು/ಪಿಸಿಕೆಎಲ್‌ಗಳು ನೀಡಲ್ಪಟ್ಟ ಪ್ರೊಫಾರ್ಮ 1 ರಿಂದ 7ರ ಮಾಹಿತಿಗಳನ್ನು IND AS 19ಪ್ರಕಾರ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪಕರಿಗೆ ಒದಗಿಸಲಾಗಿದ್ದು, ಅವರು ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಪ್ರಾತ್ಯಕ್ಷಿಕ ವರದಿ (IND AS 19) ಗಳನ್ನು ಈ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಿರುತ್ತಾರೆ.

4. ಕಂಡಿಕೆ-3ರಲ್ಲಿ ತಿಳಿಸಿದ ಕಂಪನಿಗಳ ಕರಡು ವರದಿಯ (Actuarial Valuation Report as per IND AS 19) ಪ್ರತಿಗಳನ್ನು ಮುಂದಿನ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಉಲ್ಲೇಖ-3ರ ಪತ್ರಕ್ಕೆ ಲಗತ್ತಿಸಿ ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳು/ಪಿಸಿಕೆಎಲ್‌ಗಳಿಗೆ ಕಳುಹಿಸಿಕೊಡಲಾಗಿದೆ.

5. ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನದ ಹೊಣೆ ಮತ್ತು ತತ್ಸಂಬಂಧ ಹೊಂದಿರಬೇಕಾದ ನಿಧಿಯ ಅಂದಾಜು ಮೊತ್ತವನ್ನು ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪಕರು Actuarial Valuation Funding Report ಮುಖೇನ ಲೆಕ್ಕಹಾಕಿ ಸಲ್ಲಿಸುತ್ತಾರೆ. ಇದರ ಆಧಾರದ ಮೇಲೆ ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳು/ಪಿಸಿಕೆಎಲ್‌ಗಳಿಂದ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ವಂತಿಗೆ ಪಾವತಿಸಲು ದರವನ್ನು ನಿಗದಿಪಡಿಸಲಾಗುತ್ತದೆ. ಇದುವರೆವಿಗೂ ವಂತಿಗೆ ದರವನ್ನು ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪಕರ ವರದಿಯನ್ನು ಆಧರಿಸಿ ನಿಗದಿಪಡಿಸಲಾಗಿದೆ. ಅದೇ ರೀತಿ ದಿನಾಂಕ 31.03.2017ಕ್ಕೆ ಕರಡು ಕ್ರೋಢೀಕೃತ ವರದಿಯನ್ನು ಆಧರಿಸಿ ಆರ್ಥಿಕ ವರ್ಷ 2017-18ಕ್ಕೆ ಪೂರ್ವಾನ್ವಯವಾಗುವಂತೆ ವಂತಿಗೆ ದರಗಳನ್ನು ಪರಿಷ್ಕರಿಸುವ ಅಗತ್ಯವಿದ್ದುತ್ತದೆ. ಸದರಿ ಕ್ರೋಢೀಕೃತ ವರದಿಯ (ಅನುಬಂಧ-1) ಕರಡು ಪ್ರತಿಯನ್ನು ಈ ಪತ್ರಕ್ಕೆ ಲಗತ್ತಿಸಿದ್ದು, ಮುಖ್ಯಾಂಶಗಳನ್ನು ಅವಗಾಹಿಸಲು ಕೋರಿದೆ.

i. 31.03.2017ರ ಅಂತ್ಯಕ್ಕೆ ಪ್ರಾತ್ಯಕ್ಷಿಕ ಫಲಿತಾಂಶವನ್ನು (Valuation Results) ವರದಿಯ ಕಂಡಿಕೆ-5ರಲ್ಲಿ ಒಟ್ಟು ಸೇವಾ ಹೊಣೆ(Total Service Liability) ನಿಧಿ ಮೌಲ್ಯ (Fund Asset) ಮತ್ತು ನಿಧಿಯಲ್ಲಿನ ಒಟ್ಟು ಕೊರತೆ(Deficit) ವಿವರಗಳನ್ನು ನಮೂದಿಸಿದೆ.

ii. ವರದಿ ಕಂಡಿಕೆ–6ರಲ್ಲಿ ಶಿಫಾರಸ್ಸು (**Recommendations**) ಮಾಡಿರುವುದು

ಅ. 2017–18ರ ಸಾಲಿನ ಅವಧಿಗೆ ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳು ಕಂಪನಿವಾರು ಟ್ರಸ್ಟ್‌ಗೆ ಸಂದಾಯ ಮಾಡಬೇಕಿರುವ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ವಂತಿಗೆ ಮೊತ್ತಗಳ ವಿವರಗಳನ್ನು ನಮೂದಿಸಿದೆ.

ಆ. ಹಿಂದಿನ ವರದಿಗಳಲ್ಲಿ ನಮೂದಿಸಿದಂತೆ, ಆರ್ಥಿಕ ವರ್ಷ 2017–18ರಿಂದ ಅನ್ವಯವಾಗುವಂತೆ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ವಂತಿಗೆಗಳಿಗೆ ಸಾಮಾನ್ಯ (Common) ಪಿಂಚಣಿ ವಂತಿಗೆ ದರ 42.53% ಮತ್ತು ಉಪದಾನ ದರ 4.62% ಶಿಫಾರಸ್ಸು ಮಾಡಲಾಗಿದೆ.

6. ಸದರಿ ವರದಿಯಲ್ಲಿ ಪಿಂಚಣಿ ವಂತಿಗೆ ದರವು ಪ್ರಸ್ತುತ 33.08% ರಿಂದ 42.53%ಕ್ಕೆ ಏರಿಕೆಗೆ ಹಾಗೂ ಉಪದಾನ ವಂತಿಗೆ ದರವು ಪ್ರಸ್ತುತ 6.08% ರಿಂದ 4.62%# ಇಳಿಕೆಯಾಗಿರುವುದೆಂದು ಅಂದಾಜಿಸಲಾಗಿದೆ. ಈ ರೀತಿಯ ಹೆಚ್ಚಿನ ಬದಲಾವಣೆಗೆ ಕಾರಣಗಳನ್ನು ಕೇಳಿ ಮತ್ತು ಇತರೆ ಸಂಬಂಧಿತ ವಿಷಯಗಳ ಬಗ್ಗೆ ಟ್ರಸ್ಟ್ ವತಿಯಿಂದ ಪ್ರಾಥಮಿಕವಾಗಿ ವರದಿಯನ್ನು ಅಭ್ಯಸಿಸಿ ಮೌಲ್ಯಮಾಪಕರಿಂದ ಸ್ಪಷ್ಟನೆ ಮತ್ತು ವಿವರಗಳನ್ನು ಕೋರಲಾಗಿತ್ತು. ಅವರು ನೀಡಿರುವ ವಿವರಗಳು ಸಮಂಜಸವೆನಿಸುತ್ತವೆ. ಈ ಸಂಬಂಧ ಟ್ರಸ್ಟ್‌ನಿಂದ ಕೇಳಲಾದ ವಿವರ ಮತ್ತು ಅವರ ಸ್ಪಷ್ಟೀಕರಣದ ಪತ್ರವನ್ನು **ಅನುಬಂಧ–2**ರಲ್ಲಿ ಲಗತ್ತಿಸಲಾಗಿದೆ.

*#ಟಿಪ್ಪಣಿ: ಉಪದಾನದ ಗರಿಷ್ಟ ಮಿತಿಯು ₹ 20 ಲಕ್ಷಕ್ಕೆ ಏರಿಕೆಯಾಗಲಿರುವುದನ್ನು ಗಮನದಲ್ಲಿರಿಸಿಕೊಂಡು ವಂತಿಗೆ ದರವನ್ನು ಕಡಿಮೆ ಮಾಡುವ ಬದಲು ಜಾರಿಯಲ್ಲಿರುವ ಉಪದಾನ ವಂತಿಗೆ ದರ 6.08%ನ್ನು ಮುಂದುವರೆಸಬಹುದೆಂದು ಮೌಲ್ಯಮಾಪಕರು ಅಭಿಪ್ರಾಯಪಟ್ಟಿರುತ್ತಾರೆ.*

7. ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳ ಸಿಬ್ಬಂದಿ/ಪಿಂಚಣಿದಾರರು ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಅಂತರ ಬದಲಾವಣೆ (Inter Changable) ಆಗುತ್ತಿರುವುದರಿಂದ ಹಾಗೂ ಪಿಂಚಣಿ/ಕುಟುಂಬ ಪಿಂಚಣಿದಾರರು ವಿಸಕಂಗಳಿಗೆ ಹೋಲಿಸಿದಲ್ಲಿ ಕವಿಪ್ರನಿನಿಯಲ್ಲಿ ಕಡಿಮೆ ಸಂಖ್ಯೆಯಲ್ಲಿರುವುದರಿಂದ ಪಿಂಚಣಿ ಹೊಣೆಯನ್ನು ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳಲ್ಲಿ ಸಮಾನ ಅನುಪಾತದಲ್ಲಿ ವಿಂಗಡಣೆ ಮಾಡುವುದು ಸಮಂಜಸವಾಗಿರುವುದಿಲ್ಲ. ಆದ್ದರಿಂದ, ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳಿಂದ ಪ್ರಸ್ತುತ ಜಾರಿಯಲ್ಲಿರುವ ಪದ್ಧತಿಯಂತೆ, ಕಂಡಿಕೆ–5ರ ಉಪಕಂಡಿಕೆ–(ii)(ಆ)ರಲ್ಲಿ ನಮೂದಿಸಿದ ವಂತಿಗೆ ದರದಂತೆ ಪಿಂಚಣಿ ವಂತಿಗೆಯನ್ನು ಮತ್ತು ಪ್ರಸ್ತುತ ಜಾರಿಯಲ್ಲಿರುವ ಉಪದಾನ ವಂತಿಗೆ ದರದಲ್ಲಿ ಆಕರಿಸುವುದು ಸೂಕ್ತವೆಂದು ಅಭಿಪ್ರಾಯಪಡಲಾಗಿದೆ.

8. ಸಿಬ್ಬಂದಿ/ಪಿಂಚಣಿದಾರರಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪಕ ವರದಿಯನ್ನು ಪ್ರತಿ ಆರ್ಥಿಕ ವರ್ಷದ ಅಂತ್ಯಕ್ಕೆ ಪಡೆಯುವ ಜವಾಬ್ದಾರಿಯು ಪ್ರಧಾನ ಉದ್ಯೋಗದಾತರಾದ ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳ ಮೇಲಿರುತ್ತದೆ. ಆದರೂ ಸಹ ನಿಗಮ ಮತ್ತು ಕಂಪನಿಗಳಲ್ಲಿನ ಅಧಿಕಾರಿ/ಸಿಬ್ಬಂದಿಯ ಅಂತರ ಬದಲಾವಣೆಗೆ ಅವಕಾಶವಿರುವುದರಿಂದ ಮತ್ತು ಹಿಂದಿನ ಬೋರ್ಡ್ ಆಫ್ ಟ್ರಸ್ಟೀಸ್ ಸಭೆಗಳಲ್ಲಿ ನಿರ್ಣಯಿಸಿದಂತೆ, 'ಕವಿಪ್ರನಿನಿ ಮತ್ತು ವಿಸಕಂಗಳ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್' ಎಲ್ಲಾ ಕಂಪನಿಗಳ ಪರವಾಗಿ ಕ್ರೋಢೀಕೃತ ವರದಿಯನ್ನು ಪಡೆಯುತ್ತಲಿದ್ದು, ಟ್ರಸ್ಟ್ ಸಭೆಯಲ್ಲಿ ಚರ್ಚಿಸಿ ದರ ಪರಿಷ್ಕರಣೆ ನಿರ್ಣಯಿಸಲಾಗುತ್ತಿದೆ. ಆದ್ದರಿಂದ, ಸದರಿ ವರದಿಯನ್ನು ಕೂಲಂಕುಶವಾಗಿ ಅಭ್ಯಸಿಸಿ ಮುಂದಿನ ಟ್ರಸ್ಟ್ ಸಭೆಯಲ್ಲಿ ದರ ಪರಿಷ್ಕರಣೆ ನಿರ್ಣಯ ಕೈಗೊಳ್ಳಲು ಅನುವಾಗುವಂತೆ ತಮ್ಮ ಅಭಿಪ್ರಾಯ ಮತ್ತು ಅನಿಸಿಕೆಗಳನ್ನು ವ್ಯಕ್ತಪಡಿಸಲು ಮುಂಚಿತವಾಗಿಯೇ ಸಿದ್ಧರಾಗಿರುವಂತೆ ಕೋರಿದೆ.

9. ಮುಂದುವರೆದು, ವರದಿಯಲ್ಲಿನ ಯಾವುದೇ ಅಂಶಗಳ (Assumptions), ಆತಂಕಗಳು (Apprehension) ಮತ್ತು ಇತರೆ ವಿಷಯಗಳ ಬಗ್ಗೆ ನೀಡಿರುವ ಸ್ಪಷ್ಟೀಕರಣಗಳನ್ನು ಅಭ್ಯಸಿಸಿ ಹೆಚ್ಚಿನ ಮಾಹಿತಿ ಹಾಗೂ ಸ್ಪಷ್ಟೀಕರಣ ಬೇಕಿದ್ದಲ್ಲಿ ಈ ಪತ್ರದ ದಿನಾಂಕದಿಂದ ಒಂದು ವಾರದೊಳಗೆ ವಿಷಯವನ್ನು ನಿರ್ದಿಷ್ಟವಾಗಿ ವಿಶದೀಕರಿಸಿ ಈ ಕಛೇರಿಗೆ ತಿಳಿಸಲು ಕೋರಲಾಗಿದೆ. ತಮಗೆ ಅಗತ್ಯವಿರುವ ಸ್ಪಷ್ಟೀಕರಣವನ್ನು ಪ್ರಾತ್ಯಕ್ಷಿಕ ಮೌಲ್ಯಮಾಪಕರಿಂದ ಪಡೆದು, ತಮಗೆ ಕಳುಹಿಸುವುದರ ಜೊತೆಗೆ ವರದಿಗಳಲ್ಲಿನ ಅಂಶಗಳನ್ನು ಅನುಷ್ಠಾನಕ್ಕೆ ತರಲು ಮುಂದಿನ ಬೋರ್ಡ್ ಆಫ್ ಟ್ರಸ್ಟೀಸ್ ಸಭೆಯ ನಿರ್ಣಯಕ್ಕಾಗಿ ಮಂಡಿಸಲು ಕ್ರಮ ಕೈಗೊಳ್ಳಲಾಗುವುದು.

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು & ವ್ಯವಸ್ಥಾಪಕ ಟ್ರಸ್ಟಿ,
ಕವಿಪ್ರನಿನಿ/ವಿಸಕಂಗಳ ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್

ಪ್ರತಿ:
ನಿರ್ದೇಶಕರು(ಹಣಕಾಸು), ಕವಿಪ್ರನಿನಿ ಮತ್ತು ಅಧ್ಯಕ್ಷರು, ಪಿಂಚಣಿ ಮತ್ತು ಉಪದಾನ ಟ್ರಸ್ಟ್‌ರವರ ಹಿರಿಯ ಅಪ್ತ ಕಾರ್ಯದರ್ಶಿ.

**Annexure-7(a)**

**SOURCE WISE INSTALLED CAPACITY**

| Source | Units | 2018-19 (Upto Sept-18) |
|---|---|---|
| **Installed Capacity** | | |
| **1. Public Sector** | | |
| a) Hydel | MW | 3667 |
| b) Wind energy | MW | 5 |
| c) Thermal | MW | 5020 |
| d) Diesel plants | MW | 0 |
| e) Solar PV plant | MW | 34 |
| **Total** | | **8726** |
| **f) Jurala Hydro** | **MW** | **117** |
| **2. Private Sector** | | |
| g) IPP Thermal | MW | 1200 |
| h) Mini Hydel | MW | 852 |
| i) Wind energy | MW | 4731.26 |
| j) Co-generation & Biomass | MW | 2767 |
| k) Solar | MW | 5154.29 |
| **Total** | | **14704** |
| **3. Central Generating Station Allocation** | MW | 3693 |
| **TOTAL INSTALLED CAPACITY** | | **27240** |

**Proposed generations expected to be commissioned during 2019-22:**

| Source | Installed capacity in MW |
|---|---|
| Yelahanka Gas generation | 350 |
| Solar | 1591 |
| Wind | 4058 |

**Annexure-7(b)**

**a) The ESCOM-wise details of demand considered and methodology adopted in arriving at Demand forecast:** Rolling plan studies have been conducted for the period 2019-20, 2020-21 and 2021-22 with system peak load to match the state demand based on peak demand projection of ESCOMs (as per the load forecast study report submitted by ESCOMs). ESCOM wise peak demand in MW considered for study is as appended below.

**In MW**

| Financial Year | BESCOM | CESC | MESCOM | HESCOM | GESCOM | State |
|---|---|---|---|---|---|---|
| 2019-20 | 4967 | 1719 | 1290 | 2619 | 1533 | **12128** |
| 2020-21 | 5051 | 1858 | 1321 | 2787 | 1607 | **12624** |
| 2021-22 | 5187 | 2007 | 1354 | 2965 | 1682 | **13195** |

Annexure-7(c)

## PICTORIAL REPRESENTATION OF EXISTING AND PLANNED ADDITION OF TRANSMISSION CAPACITY:

**Annexure-8**

## TERMINAL BENEFITS

| | 2018-19 | 2019-20 | 2020-21 | 2021-22 |
|---|---|---|---|---|
| Pension & Gratuity Contt. | 204.67 | 244.03 | 285.26 | 332.64 |
| NDCPS Cont. Existing | 37.55 | 40.82 | 44.34 | 48.04 |
| NDCPS Recruitment | | 1.75 | 1.77 | |
| NDCPS Regularisation of JSA | | 1.13 | 1.13 | |
| TOTAL | **242.22** | **287.73** | **332.50** | **380.68** |

**Annexure-9**

**a) Rationale for capital investment programme for FY 20, FY 21 and FY 22:**

i) **RE capacity addition in the State:** KPTCL has undertaken the development and strengthening of its transmission infrastructure specially to facilitate evacuation of power to be generated from these sources and to take care of the existing renewable generation in two phases.

**Projects approved under Green Energy Corridor Phase-1:**

| Sl. No | Name of the Project | RE capacity | Status of work |
|---|---|---|---|
| 1 | Establishing 2x500 MVA, 400/220 kV sub-station at **Jagalur,** in Davangere district along with associated 400 kV and 220 kV lines. | Wind: **1240 MW** Solar: **745 MW** | Work under progress |
| 2 | Establishing 2x500 MVA, 400/220 kV sub-station at **Doni,** in Gadag district along with associated 400 kV and 220 kV lines. | Wind: **893 MW** Solar: **220 MW** | Commissioned |
| 3 | Establishing 2x100 MVA, 220/66 kV sub-station at **Hoasadurga,** in Chitradurga district along with associated 220 kV and 66 kV lines. | Wind: **102 MW** Solar: **20 MW** | Work under progress |
| 4 | Establishing 2x100 MVA, 220/110 kV sub-station at **Mugalkhod,** in Belgaum district along with associated 220 kV and 110 kV lines. | Wind: **161 MW** | NIT issued. Target to be completed by March 2020. |
| 5 | Establishing 2x100 MVA, 220/66 kV sub-station at **Shivanasamudram,** in Mandya district along with associated 220 kV and 66 kV lines. | MHS: **54 MW** Solar: **15 MW** | Work under progress |
| 6 | Construction of 220 kV SC line on DC towers from 400/220 kV Receiving station at Hiriyur (PGCIL) up to 220/66/11kV sub- station (KPTCL) at Hiriyur and Construction of 220kV | Wind: **222 MW** Solar: **407 MW** | Work under progress |

| | | | |
|---|---|---|---|
| | DC line from 220/66/11kV substation at Chitradurga up to 220kV substation at Hiriyur in the existing corridor of 220 kV SC line. | | |
| 7 | Construction of 220kV DC line from 220 kV substation at Bidnal to LILO one of the circuits of the existing 220kV Narendra-Haveri DC line. | Wind: **579 MW** Solar: **90 MW** | Commissioned |
| 8 | Construction of 400 kV D/C line with Quad Moose conductor between **Rampura limits and proposed 400/220 kV Jagalur** sub-station. | Wind: **1240 MW** Solar: **745 MW** | Work under progress |
| 9 | Strengthening of 220 kV D/C line between **Gadag to Lingapura** switching station by replacing existing Drake by equivalent HTLS conductor. | Wind: **434 MW** Solar: **20 MW** | Line survey under progress. |

**Projects approved under Green Energy Corridor Phase-2:**

| **Sl. No** | **Name of the Project** | **RE capacity** | **Status of work** |
|---|---|---|---|
| 1 | Establishing 2X500 MVA, 400/220/110kV substation at Yalwar in B.Bagewadi Taluk, Bijapur district along with associated 400kV and 220kV lines. | Wind: **1371 MW** Solar: **174 MW** | Estimate under preparation |
| 2 | Establishing 2X100MVA, 220/110 kV substation at Ron in Gadag district along with associated 220kV and 110kV lines. | Wind: **150 MW** | Land acquisition under progress |
| 3 | Establishing 2X100MVA, 220/110 kV substation at Savalgi in Bagalkot district along with associated 220kV and 110kV lines. | Wind: **119 MW** Solar: **45 MW** | Estimate under preparation |
| 4 | Establishing 2X100MVA, 220/66 kV substation at P.D.Kote in Chitradurga district along with associated 220kV and 66kV lines. | Solar: **121 MW** | Land to be identified |
| 5 | Establishing 2 x 100 MVA, 220/66kV, with 1X12.5MVA 66/11kV Sub-Station at Hanagal | Solar: **97 MW** | Land to be identified |

| | | | |
|---|---|---|---|
| | in Chitradurga district. | | |
| 6 | LILO of 2nd circuit of the existing 220 kV DC line running between 220 kV stations at Mahalingpura and Kudachi to 220 kV sub-station at Athani. | Wind: **351 MW**<br>Solar: **40 MW**<br>Co-gen: **202 MW** | Detailed line survey under progress |
| 7 | Conversion of existing 220 kV SC line to 220 kV DC line with Drake conductor running between 220 kV stations at Bidnal, Saundatti and Mahalingpura | Wind: **169 MW**<br>Solar: **34 MW**<br>Co-gen: **294 MW** | Detailed line survey under progress |
| 8 | Strengthening of 220 kV Lingapura-Ittagi-Neelagunda-Guttur SC line by replacing SC line with Drake conductor by 220 kV DC line using Drake conductor. | Wind: **391 MW**<br>Solar: **272 MW** | Detailed line survey under progress |

ii) **24x7 Power for All:** KPTCL has initiated action on implementing 24x7 power supply to all consumers. In view of this adequacy of transmission network has been evaluated and planned accordingly. Proposals for establishing new sub-stations, Augmentation and line strengthening under this program are under review. Zone wise details of works approved under "24x 7 Power for All" program is as follows:

| Sl. No | Transmission Zone | Total no. of works | Sub-station | Augmentation |
|---|---|---|---|---|
| 1 | Bagalkot | 16 | 6 | 10 |
| 2 | Bengaluru | 12 | 1 | 10 |
| 3 | Hassan | 5 | 1 | 4 |
| 4 | Mysore | 10 | - | 10 |
| 5 | Tumakuru | 12 | 4 | 8 |
| 6 | Gulbarga | 2 | - | 2 |

iii) Existing and Approved Installed capacity of RE sources(Wind & Solar) is as follows:

| TYPE OF RES | CAPACITY CONNECTED TO GRID | APPROVED CAPACITY TO BE CONNECTED |
|---|---|---|
| WIND | 4731.26 | 4058 |
| SOLAR | 5154.29 | 1591 |

Detailed load flow study is being carried out regularly to check the feasibility for evacuation of RE power for normal and contingency conditions. Studies are conducted for each RE project and evacuation scheme is proposed with most economical and reliable to evacuate the RE generation meeting all CEA Planning Guidelines. To facilitate the evacuation of RE power, KPTCL has planned to build transmission infrastructure with transmission capacity of about 4920 MVA and transmission lines of about 2800 ckms.

ANNEXURE- I

**Financing Capital Expenditure**

| | 2018-19 | 2019-20 | 2020-21 | 2021-22 |
|---|---|---|---|---|
| Equity from GoK | 100.00 | 100.00 | 100.00 | 100.00 |
| Borrowings from Commercial Bar | 2342.17 | 2607.97 | 2669.65 | 2687.70 |
| Internal Resources | 400.00 | 500.00 | 500.00 | 500.00 |
| Central Grant | 100.00 | | | |
| | | | | |
| Total | 2942.17 | 3207.97 | 3269.65 | 3287.70 |

Annexure-A

## Capital Works planned for 5th MYT period

**New projects viz. sub-station works, Augmentation of tranmsision lines, Augmentation of sub-stations**

| Capital works planned for 5th MYT period | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sub-station works- 400 kV** | | | | | | | | | | | | |
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 1 | **Chikkanayakanahalli 400kV:** Establishing 400KV switching station at Chikkanayakanahalli | BESCOM | Tumakuru | Tumakuru | | | 25000 | YTPS Evacuation scheme | 1 | 3000 | 5000 | 15000 |
| 2 | 400 kV Kalaburagi Switching Station : Establishment of 400/220 kV Sub Station at Kalaburagi | GESCOM | Kalaburagi | Kalaburagi | | | 47401.63 | YTPS Evacuation scheme | 1 | 8000 | 10000 | 20000 |
| 3 | Establishing 2x500 MVA ,400/220 kV GIS sub-station at existing SRS, Peenya premises | BESCOM | Bengaluru | Bangalore Urban | | | 43345.86 | System improvement | 0 | 8500 | 10000 | 20000 |
| 4 | 400kV S/s Dommasandra: Establishing 2X500 MVA, 400/220kV GIS Sub-station at Dommasandra with associated 400kV source line and 220kV evacuation lines. | BESCOM | Bengaluru | Bengaluru Rural | | | 45000 | System improvement | 0 | 1000 | 3000 | 30000 |
| 5 | Yalwar: Establishing 2x500 MVA, 400/220 KV S/S at Yalwar in B.Bagewadi Tq., Vijayapur Dist. | HESCOM | Bagalkote | Vijayapur | | | 20000 | Green Energy Corridor Ph-II | 0 | 100 | 2000 | 15000 |
| **Sub-station augmentation- 400 kV** | | | | | | | | | | | | |
| 1 | Providing 3rd 500 MVA, 400/220kV Power Transformer and 220kV Terminal bays at KIADB Hardware Park, Devanahalli, Bengaluru Rural District. | BESCOM | Bengaluru | Bangalore Urban | | | 2820 | System improvement | 0 | 564 | 1410 | 846 |
| **Transmission line works-400 kV** | | | | | | | | | | | | |
| 1 | 400 KV BTPS from Rampura Limts to Chikkanayakanahalli: a) Construction of 400 KV Quad Moose DC Line from 400 KV Rampura Limits to Jagaluru Limits for 65Kms b) Construction of 400 KV Quad Moose DC Line from 400 KV Jagaluru Limits to Chikkanakanahalli for 123.69Kms | BESCOM | Tumakuru | Tumakuru | | | 55124.32 | B) YTPS Evacuation scheme | 5000 | 5000 | 17500 | 9800 |
| **Sub-station Works- 220 kV** | | | | | | | | | | | | |
| 1 | EXORA Business park: Establishing 2x150MVA, 220/66/11kV Station with associated line. | BESCOM | Bengaluru | Bengaluru Urban | | | 10403.9 | System improvement | 10 | 1000.0 | 4000.0 | 5393.9 |
| 2 | **Nelamangala:** Upgradation of existing 66/11kV Nelamanagala S/s to 2x100 MVA, 220/66/11kV sub station | BESCOM | Bengaluru | Bengaluru Urban | | | 8740.0 | System improvement | 5 | 1000.0 | 2000.0 | 5735.0 |
| 3 | **Sahakarinagar:** Establishing 2x150 MVA, 220/66/11kV GIS sub station | BESCOM | Bengaluru | Bengaluru Urban | | | 14960.7 | System improvement | 10 | 1000.0 | 4000.0 | 9000.0 |
| 4 | Sira(Kallukote) : Establishing 2x100MVA, 220/66/11kV Sub-station with associated line | BESCOM | Tumakuru | Tumakuru | | | 5844.6 | System improvement | 50 | 1000.0 | 2000.0 | 2794.6 |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 5 | **Heggunje** :<br>Establishing 2x100 MVA, 220/110 kV , 1x10 MVA 110/11kV Sub Station at Heggunje in Udupi Tq & Dist with Construction of 220/110kV MCMV LILO line from 220kV Varahi-Kemar SC line and 110kV Haladi-Hiriyadka SC line to proposed 220/110/11kV Station at Heggunje and<br>a) Construction of 110kV DC line from the proposed Heggunje Station to the existing 110/11kV Brahmavara S/S for a dist of 17.5Kms<br>b) Construction of 110kV DC line on Conventional, 110kV MC and 220/110kV MC towers from the proposed Heggunje Station to the existing Kundapura S/S for a dist of 25Kms.<br>c) Construction of 2Nos of TB's for 110kV Heggunje-Brahmavara DC line at 110/11kV S/S Brahmavara<br>d) Construction of 2Nos of 110kV TN's for 110kV Heggunje-Kundapura DC line at Kundapura S/S | MESCOM | Hassana | Udupi | | | 7996.8 | System improvement | 500 | 2000.0 | 3998.4 | 1498.4 |
| 6 | 220kV Nagamangala: Establishing 2X100MVA, 220/66kV Station with assosiated lines | CESC | Mysuru | Mandya | | | 9000.0 | System improvement | 1 | 500.0 | 2000.0 | 6000.0 |
| 7 | **220kV Begur:**<br>Establishing 2X100MVA, 220/66kV Station with assosiated lines | CESC | Mysuru | Chamarajanagara | | | 11814.8 | System improvement | 1 | 2000.0 | 4000.0 | 5000.0 |
| 9 | Ghanagapura:<br>Establishing 2x100MVA, 220/110/11kV Station with associated 220kV and 110kV lines. | GESCOM | Kalaburagi | Kalaburagi | | | 6911.7 | System improvement | 1 | 1000.0 | 2000.0 | 3910.7 |
| 10 | **Sindagi:**<br>Establishing 220/110kV Receiving Station with associated 220kV and 110kV lines | HESCOM | Bagalkote | Bijapur | | | 11180.0 | System improvement | 0 | 300.0 | 5590.0 | 5290.0 |
| 11 | Establishing 2X150MVA, 220/66/11kV Sub-Station at Nagarbhavi, Bangalore North Taluk, Bangalore Urban District - 220 kV Incoming lines. Further it was instructed to CEE, TRZ, Bengaluru to explore the alternate 220 kV incoming line to proposed Nagarbhavi s/s in view of upstream loading restriction at proposed 400 kV Peenya s/s . | BESCOM | Bengaluru | Bangalore Urban | | | 5410.0 | System improvement | 0 | 100.0 | 1500.0 | 3000.0 |
| 12 | Establishing 2x150 MVA, 220/66 kV sub-staion at HBR Layout along with 220 kV Incoming line and additional 220 kV evacuation lines from 400/220 kV Devanahalli to link 220kV Nelamangala-Hoody DC line | BESCOM | Bengaluru | Bangalore Urban | | | 16718.0 | System improvement | 0 | 2000.0 | 8000.0 | 6718.0 |
| 13 | Hunsur:<br>Establishing 220kV Station with 220kV line and 66kV evacuation lines . | CESC | Mysuru | Mysuru | | | 6000.0 | System improvement | 0 | 100.0 | 2000.0 | 3000.0 |

| Capital works planned for 5th MYT period | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sub-station works- 400 kV** | | | | | | | | | | | | |
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 14 | Adakanahalli: Establishing 2X100MVA, 220/66kV R/s & 2X12.5MVA66/11kV S/s with assosiated lines | CESC | Mysuru | Mysuru | | | 8000.0 | System improvement | 0 | 100.0 | 2000.0 | 4000.0 |
| 15 | Establishing 2X150MVA, 220/66/kV Gas Insulated Switchgear sub-station at Shobha Dreams | BESCOM | Bengaluru | Bangalore Urban | | | 10000.0 | System improvement | 0 | 1000.0 | 3000.0 | 5000.0 |
| 16 | Huliyurdurga 220/66 kV: Establishing 2x100 MVA, 220/66 kV sub-station at Huliyurdurga. | BESCOM | Tumakuru | Tumakuru | | | 9473.4 | System improvement | 0 | 100.0 | 1000.0 | 7000.0 |
| 17 | Srinivasapura: Establishing 2x100MVA, 220/66kV Station with associated lines | BESCOM | Bengaluru | Kolar | | | 8000.0 | System improvement | 0 | 10.0 | 100.0 | 6000.0 |
| 18 | Establishing 2X100MVA, 220/66 kV Sub-Station at P D Kote in Hiriyur Taluk, Davanagere District. | BESCOM | Tumakuru | Davanagere | | | 8500.0 | Green Energy Corridor Ph-II | 0 | 100.0 | 3000.0 | 5000.0 |
| 19 | Establishing 2X100MVA, 220/66 kV Sub-Station near 66/11 kV Hangal sub-station, Davanagere District. | BESCOM | Tumakuru | Davanagere | | | 8500.0 | Green Energy Corridor Ph-II | 0 | 100.0 | 3000.0 | 5000.0 |
| 20 | Bhramasagara: Establishing 2x100MVA, 220/66/11kV Sub-station with associated line | BESCOM | Tumakuru | Chitradurga | | | 6800.9 | System improvement | 0 | 100.0 | 2000.0 | 3000.0 |
| 21 | Sirvara: Establishing 2x100MVA, 220/66/11kV Sub-station with associated line | BESCOM | Tumakuru | Tumakuru | | | 6500.0 | System improvement | 0 | 100.0 | 2000.0 | 3000.0 |
| 22 | Kaniyaru: Establishing 1X100MVA and 1X8MVA ,220/66/11kV substatopn near Kaniyaru village in Arakalagudu TQ,Hassan dist with associated 220kV and 66kV lines | CESC | Hassana | Hassan | | | 6000.0 | System improvement | 0 | 100.0 | 2000.0 | 3000.0 |
| 23 | Maddur : Establishing 220/66 kV Gas Insulated Substation . | CESC | Mysuru | Mandya | | | 9000.0 | System improvement | 0 | 100.0 | 1000.0 | 6000.0 |
| 24 | Bilagi: Establishing 2x100 MVA, 220/110 kV S/S with associated line. | HESCOM | Bagalkote | Bagalkot | | | 6250.0 | System improvement | 0 | 100.0 | 1000.0 | 4000.0 |
| 25 | Gangavathi: Establishing 220/110/11kV Receiving Station | GESCOM | Kalaburagi | Koppal | | | 6000.0 | System improvement | 0 | 100.0 | 2000.0 | 3000.0 |
| **Transmission line Works- 220 kV** | | | | | | | | | | | | |
| 1 | Kadakola - Vajamangala: Construction of 220kV D/C line from Kadakola to Vajamangala with TB's for a distance of 19.64Kms | CESC | **Mysuru** | Mysuru | | | 1052.7 | System improvement | 10 | 50.0 | 384.4 | 164.7 |
| 2 | **220-220kV MC line to 220/66/11kV Yerranadanahalli S/s:** Construction of 220-220kV Narrow based Multi Circuit Lines for route length of 6.615kms from the proposed 220kV Sommanahally-Malur I & II Lines to the exisisting 220/66/11kV Yarandanahally S/s in exisisting 220kV Sommanahally-Singarpet SC line Corridor | BESCOM | **Bengaluru** | Bengaluru Urban | | | 1550.6 | System improvement | 10 | 500.0 | 700.0 | 340.6 |

| Capital works planned for 5th MYT period | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sub-station works- 400 kV** | | | | | | | | | | | | |
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 3 | **Kanakapura- Kothipura 220 kV S/s:** Interlinking of existing 220/66 kV Kanakapura sub-station with proposed 220 kV Kothipura S/s by construction of 220 kV DC line for a distance of 27 Kms. | BESCOM | **Bengaluru** | Ramanagara | | | 5798.0 | System improvement | 5 | 2319.2 | 1739.4 | 1159.6 |
| 4 | **Shimoga-Bengaluru 1 & 2 lines:** Re-stringing of existing Drake Conductor, replacing of Ground Conductor, Disc Insulators, Hardwares of 220kV Shimoga-Bengaluru 1 & 2 DC line from MRS Shimoga to Basavanahalli gate (Loc.No.1 to 269) | BESCOM | **Hassana** | Shimoga | | | 289.5 | Line strengthening | 1 | 144.8 | 52.0 | |
| 5 | **Hootgalli-Kanayanbetta upto Bavali limit:** Re-Construction of 220kV Hootgalli-Kanayanbetta line upto Bavali limit for a distance of 81kms as per Southern Grid instruction. | CESC | **Mysuru** | Mysuru | | | 415.2 | Line strengthening | 10 | 100.0 | 200.0 | 105.2 |
| 6 | **Somanahalli Station to T.K.Halli Station:** Construction of 220kV DC line on DC towers in the existing SC corridor | BESCOM | **Bengaluru** | Ramanagara | | | 5000.0 | Line strengthening | 0 | 500.0 | 1000.0 | 2500.0 |
| 7 | Contruction of 220 kV multi-circuit, multi-voltage line between 400/220 kV Somanahalli and 220/66 kV Subramanyapura s/s in the existing 66 kV line corridor. | BESCOM | **Bengaluru** | Bangalore Urban | | | 8030.0 | System improvement | 0 | 1000.0 | 3000.0 | 4030.0 |
| **Sub-station augmentation- 220 kV** | | | | | | | | | | | | |
| 1 | **220KV EKARAJAPURA:** Additional 220/66kV,100MVA Transformer. | BESCOM | **Bengaluru** | Bengaluru Rural | | | 1351.0 | Existing Transformer overload | 5 | 500.0 | 846.0 | |
| 2 | **Bagalkot:** 3rd 1x100MVA Transformer at 220/110KV Bagalkote S/s | HESCOM | **Bagalkote** | Bagalkote | | | 728.9 | Existing Transformer overload | 1 | 300.0 | 218.7 | 209.2 |
| 3 | **Hassan 220**:Providing additional 1x100 MVA, 220/66kV power transformer at 220/66 kV Hassan Receiving station in Hassan District. | CESC | **Hassana** | Hassana | | | 922.9 | Existing Transformer overload | | 100.0 | 461.4 | 361.4 |
| 4 | Providing additional 1x100 MVA, 220/66 kV transformer at 220/66 kV Thallak sub-station. | BESCOM | **Tumakuru** | Tumakuru | | | 920.0 | Existing Transformer overload | | 100.0 | 460.0 | 360.0 |
| 5 | Kanakapura: Providing 1X100MVA, 220/66kV Power transformer as SPARE with associated terminal bay. | BESCOM | **Bengaluru** | Ramanagara | | | 900.0 | System improvement | | 100.0 | 450.0 | 350.0 |
| 6 | Doddaballapura : Providing additional 1X100MVA, 220/66kV Power transformer at Doddaballapura S/s. | BESCOM | **Bengaluru** | Bengaluru Rural | | | 1030.4 | Existing Transformer overload | | 100.0 | 515.2 | 415.2 |
| 7 | Providing spare 1X100MVA, 220/66kV Power transformer at 220/66kV Malur sub-station. | BESCOM | **Bengaluru** | Kolar | | | 700.0 | System improvement | | 10.0 | 190.0 | 500.0 |
| 8 | Providing 1 x 100MVA, 220/66KV Power Transformer with 66KV bus coupler and 4 Nos. of 66kV bays at 220KV MRS Shivamogga | MESCOM | **Hassana** | Shimoga | | | 700.0 | Existing Transformer overload | | 10.0 | 300.0 | 390.0 |
| 9 | Kadakola R/S : Spare 1X100 MVA 220/66/11kV Power Transformer | CESC | **Mysuru** | Mysuru | | | 700.0 | System improvement | | 10.0 | 200.0 | 490.0 |

| Capital works planned for 5th MYT period | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sub-station works- 400 kV** | | | | | | | | | | | | |
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commence ment | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 10 | Belagavi:<br>Providing 3 rd 100 MVA ,220/11 KV Transformer at 220 KV Belagavi Receiving Station , Belagavi Dist | HESCOM | **Bagalkote** | Belagavi | | | 755.0 | Existing Transformer overload | 50 | 250.0 | 455.0 | |
| 11 | Sirsi: Providing additional 1X50MVA,220/110kV Trf at 220kV Sirsi(Else) S/S. | HESCOM | **Bagalkote** | Uttara Kannada | | | 650.0 | Existing Transformer overload | | 10.0 | 300.0 | 340.0 |
| 12 | 220 KV Chikkodi<br>Providing additional 3rd 1X100 MVA ,220/110 KV Power Transformer at 220/110/11 KV Chikkodi Sub Station in Belagavi District | HESCOM | **Bagalkote** | Belagavi | | | 755.0 | Existing Transformer overload | | 151.0 | 453.0 | 151.0 |
| 13 | 220 KV Ghataprabha<br>Providing additional 1X100 MVA ,220/110 KV Power Transformer at 220/110/11 KV Ghataprabha Sub Station in Belagvai District | HESCOM | **Bagalkote** | Belagavi | | | 755.0 | Existing Transformer overload | | 151.0 | 453.0 | 151.0 |
| 14 | Additional 100 MVA, 220/110 kV transformer at 220/110/11 KV Athani | HESCOM | **Bagalkote** | Belgaum | | | 750.0 | Existing Transformer overload | | 50.0 | 200.0 | 500.0 |
| 15 | Allipur:<br>Providing spare 100 MVA, 220/110 kV Power Transformer at 220 kV R/S Allipur | GESCOM | **Kalaburagi** | Bellary | | | 700.0 | System improvement | | 140.0 | 420.0 | 140.0 |
| 16 | Augmentation of 2*100MVA by 2*150MVA Power Transformer 2 & 3 at 220kV R/S Hoody | BESCOM | **Bengaluru** | Bengaluru Urban | | | 1500.0 | Existing Transformer overload | | 300.0 | 900.0 | 300.0 |
| **Other works-220 kV** | | | | | | | | | | | | |
| 1 | **Kavoor:**<br>R & M Works at Kavoor 220kV Station. | MESCOM | **Hassana** | Dakshina Kannada | | | 1948.2 | System improvement | 1 | 100.0 | 1000.0 | 847.2 |
| 2 | Formation of **220KV rigid bus** at 220KV RS, **Kemar** | MESCOM | **Hassana** | Udupi | | | 236.9 | System improvement | 1 | 165.8 | 70.1 | |
| 3 | **Munirabad Power House Station:**<br>Shifting of exisiting Control Room at 220kV Munirabad Power House to existing work shop building at 220kV Munirabad Power House yard | GESCOM | **Kalaburagi** | Koppal | | | 315.8 | System improvement | 1 | 100.0 | 213.8 | |
| 4 | **Guddadahalli:**<br>Providing Bus Bar protection to 220kV KPTCL Bays at 400/220kV, Guddadahalli, PGCIL Sub-station in Koppal Taluk and District | GESCOM | **Kalaburagi** | Koppal | | | 160.4 | System improvement | 100 | 48.1 | 12.3 | |
| **Sub-station Works- 110 kV** | | | | | | | | | | | | |
| 1 | **Karadi:**<br>Establishing 1x10MVA, 110/11kV Sub-Station with associated line | BESCOM | **Tumakuru** | Tumakuru | | | 590.7 | System improvement | 50 | 378.5 | 162.2 | |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 2 | **Belapu :**<br>Establishing 1x10MVA, 110/11kV Sub-Station at Belapu in Udupi Tq & Dist with construction of 110kV SC line on DC towers from the proposed 110kV Nandikur S/S for a dist of 10Kms with 110kV TB at Nandikur | MESCOM | **Hassana** | Dakshina Kannada | | | 964.9 | System improvement | 1 | 10.0 | 289.5 | 386.0 |
| 3 | **Sulia:**<br>Establishing 2x10MVA, 110/11kV, 1x20MVA, 110/33-11kV Sub-Station with associated line. | MESCOM | **Hassana** | Dakshina Kannada | | | 1492.0 | System improvement | 1 | 10.0 | 447.6 | 596.8 |
| 4 | **Belman(Nandalike):**<br>Establishing 1x10MVA, 110/11KV s/s at Belman(Nandalike) (in Karkala Taluk, Udupi district with associated line for a distance of 1.031 Kms. | MESCOM | **Hassana** | Udupi | | | 878.8 | System improvement | 1 | 527.3 | 350.5 | |
| 5 | **Singatalur :**<br>Up-gradiation of existing 33/11kV MUSS to 110/11kV Sub-Station with associated line. | HESCOM | **Bagalkote** | Gadag | | | 1033.4 | System improvement | 1 | 300.0 | 500.0 | 232.4 |
| 6 | **Banavasi:**<br>Establishing 1x10MVA, 110/11kV Sub-Station with associated line & TB. | HESCOM | **Bagalkote** | Uttar Kannada | | | 938.4 | System improvement | 1 | 300.0 | 500.0 | 137.4 |
| 7 | **Shiraguppi:**<br>Up-gradation of 33kV MUSS to 1x10MVA, 110/11kV Sub-Station with associated line for a distance of 16.7 kms & TB. | HESCOM | **Bagalkote** | Belgaum | | | 1075.4 | System improvement | 1 | 300.0 | 500.0 | 274.4 |
| 8 | **Bayappur:** Establishing 1x10MVA, 110/11kV Sub-Station with associated line | GESCOM | **Kalaburagi** | Raichur | | | 1229.0 | System improvement | 5 | 100.0 | 750.0 | 374.0 |
| 9 | **Kukanoor(Dyamapura) :**<br>Upgradation of 2x5MVA,33/11KV Sub-station to 2x10MVA, 110/11kV and 1x20MVA 110/33kV Sub-station Kukanoor(Dyamapura) in Yelburga Taluk. | GESCOM | **Kalaburagi** | Koppal | | | 1600.1 | System improvement | 10 | 500.0 | 1000.0 | 90.1 |
| 10 | **Ukkali :**<br>Establishing 110/11kV Sub-Station with associated line. | HESCOM | **Bagalkote** | Vijayapura | | | 920.0 | System improvement | 1 | 100.0 | 500.0 | 319.0 |
| 11 | **Ronihal:**<br>Establishing 110/11kV Sub-Station with associated line. | HESCOM | **Bagalkote** | Bijapur | | | 1097.3 | System improvement | 1 | 500.0 | 596.3 | |
| 12 | **Alnavar:**<br>Up-gradiation of 33/11KV sub-station to 2X10MVA, 110/11KV & 1x20 MVA, 110/33 kV Sub-station with 110 kV SC line from 110 kV Halyal S/S. | HESCOM | **Bagalkote** | **Dharwad** | | | 1757.1 | System improvement | 0 | 500.0 | 1257.1 | |
| 13 | **Yakatpur (Mannalli):**<br>Establishment of 2x10MVA 110/11 kV S/S at Yakatpur (Mannalli) | GESCOM | **Kalaburagi** | **Bidar** | | | 1251.8 | System improvement | 0 | 100.0 | 625.9 | 525.9 |
| 14 | **Halyal:**<br>Up-gradiation of existing 33/11kV MUSS to 110/11kV Sub-Station with associated line. | HESCOM | **Bagalkote** | Belgaum | | | 961.0 | System improvement | 0 | 100.0 | 480.5 | 380.5 |

| Capital works planned for 5th MYT period | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sub-station works- 400 kV** | | | | | | | | | | | | |
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commence ment | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 15 | **Siddakatte:** Establishing 2x10MVA, 110/11kV Sub-Station at Siddakatte in Bantwala Tq, D.K.Dist with Construction of 110kV LILO line with Lynx ACSR conductor for a dist of 2.52Kms from one circuit of the proposed Moodabidri- Mulibettu 110kV DC line to the proposed 110/11kV S/S at Siddakatte. | MESCOM | **Hassana** | Dakshina Kannada | | | 900.0 | System improvement | 0 | 180.0 | 450.0 | 90.0 |
| 16 | Hosmar: Establishing 1x10MVA, 110/11kV Sub-Station at Hosmar in Karkala tq, Udupi Dist with construction of 110kV LILO line from 220/110kV Multi circuit Kemar-Guruvayankere line to the proposed 110/11kV S/S at Hosmar for a dist of 0.14Km | MESCOM | **Hassana** | Udupi | | | 650.0 | System improvement | 0 | 130.0 | 325.0 | 65.0 |
| 17 | Diggewadi: Establishing 2x10MVA, 110/11kV Sub-Station with associated line. | HESCOM | **Bagalkote** | Belgaum | | | 1024.0 | System improvement | 0 | 512.0 | 204.8 | 102.4 |
| 18 | Gosbal: Establishing 110/11kV Sub-Station with associated line. | HESCOM | **Bagalkote** | Belgaum | | | 1177.1 | System improvement | 0 | 588.5 | 235.4 | 117.7 |
| 19 | Establishing 2 x 10 MVA, 110/11 kV sub-station at Jumnal in Vijayapura Taluk, Vijayapura District | HESCOM | **Bagalkote** | Vijayapur | | | 1000.0 | System improvement | 0 | 200.0 | 200.0 | 500.0 |
| 20 | Ashapur Road: Establishing 1x10MVA, 110/11kV Sub-Station with associated line | GESCOM | **Kalaburagi** | Raichur | | | 750.0 | System improvement | 0 | 150.0 | 375.0 | 150.0 |
| 21 | Gandhi Nagar: Establishing 1x10MVA, 110/11kV Sub-Station with associated line | GESCOM | **Kalaburagi** | Raichur | | | 775.0 | System improvement | 0 | 155.0 | 387.5 | 155.0 |
| 22 | Ballatgi : Establishing 1 x10 MVA, 110/11 Kv S/S at Ballatgi along with associated 110kV Line in Manvi Taluka | GESCOM | **Kalaburagi** | Raichur | | | 750.0 | System improvement | 0 | 150.0 | 375.0 | 75.0 |
| 23 | Tavergera:Establishing 1x10MVA, 110/11kV Sub-Station with associated line | GESCOM | **Kalaburagi** | Kalaburgi | | | 750.0 | System improvement | 0 | 150.0 | 375.0 | 75.0 |
| 24 | M-Kollur: Establishing of 1X10MVA, 110/11kV Sub-Station at M-Kollur Village in Shahapur Tq, Yadgir Dist. | GESCOM | **Kalaburagi** | Yadgir | | | 750.0 | System improvement | 0 | 150.0 | 375.0 | 75.0 |
| **Transmission line Works- 110 kV** | | | | | | | | | | | | |
| 1 | **Shimoga Station to 220kV Kadur Station:** Construction of 110kV SBT-2DC line on DC tower for a distance of 60.281 kms in the existing Corridor of 110 KV SBT-2 SC line from 220/110/66/11 KV M.R.S Shivamogga to 220/110/11KV Kadur Station along with Construction of 110KV TB at 220KV M.R.S Shivamogga and 220KV Kadur Sation | MESCOM | **Hassana** | Chikkamagaluru | | | 2134.06 | Line strengthening | 10 | 1493.84 | 500 | 130.218 |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 2 | **110KV Kawalwad-Hubli Line:** Replacing of Exisisting Dog/Wolf conductor by Lynx Conductor of 110kV NK1 & NK2 Line from 110kV Kavalavad S/s 220kV SRS Hubali S/s for a distance of 32kms along with strenghthening of line by replacing weakened Towers for a distance of 32Kms | HESCOM | **Bagalkote** | Dharwad | | | 869.92 | Line strengthening | 1 | 200 | 400 | 268.92 |
| 3 | **220kV SRS Hubli -220kV Haveri Station:** Conversion of existing S/C line on /SC Towers to SC line from 220/110kV SRS Hubli R/S to 220/110kV Haveri Station for a length of 68Kms | HESCOM | **Bagalkote** | Dharwad/Haveri/Uttara Kannada | | | 2218.56 | Line strengthening | 1 | 200 | 700 | 1317.56 |
| 4 | **Gadag-Naregal-Ron:** Conversion of 110kV SC line to DC line from 220kV Gadag S/s to 110kV Naregal S/s and Stringing of 110kV 2nd Circuit from 110kV Naregal S/s to 110kV Ron S/s for a distance of 28.57 & 16.795Kms | HESCOM | **Bagalkote** | Gadag | | | 1246.4 | To relieve line overload | 1 | 200 | 700 | 345.4 |
| 5 | **Jog-Sirsi:** Replacement of Existing Towers Dog/Coyote Conductor by new towers and Lynx Conductor of 110kV NK1 & NK-2 DC line form MGHE PH Jog to 110kV Sirsi S/s for A distance of 49.71 Kms | HESCOM | **Bagalkote** | Uttar Kannada/ Shimogga | | | 1534.87 | Line strengthening | 1 | 200 | 700 | 633.87 |
| 6 | **Sirsi and Kavalawada line** Replacement of 110kV Dog/coyote ACSR conductor by Lynx conductor of NK-1 and NK-2 lines between Sirsi and Kavalawada for a distance of 67.376Kms | HESCOM | **Bagalkote** | North Canara | | | 1560.53 | Line strengthening | 1 | 200 | 700 | 659.53 |
| 7 | **Ambewadi - Kawalwad Line:** Replacement of detoriarated and rusted 19 Nos. of MS towers and Dog and coyote conductor by lynx conductor of 110kV NK-1 & 2 D/C Line between Ambewadi and Kawalwad. | HESCOM | **Bagalkote** | Uttar Kannada | | | 850.28 | Line strengthening | 1 | 200 | 500 | 149.28 |
| 8 | **Alipur to Bellary(South):** Stringing of 110kV 2nd Circuit on exisitng DC towers from Alipur Station to Bellary (South) Sub-Station for a distance of 8.00 Km. | GESCOM | **Kalaburagi** | Bellary | | | 51.95 | Line strengthening | 1 | 31.17 | 19.78 | |
| 9 | **Betagera to proposed 220kV Station at Koppal:** Construction of 110kV SC line on DC towers from proposed 220/110/11kV Halavarthy(Koppal) S/s to the existing 110/33/11kV Betagera S/s for a distance of 23.836Kms | GESCOM | **Kalaburagi** | Koppal | | | 1029.46 | Line strengthening | 10 | 300 | 308.838 | 410.622 |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commence ment | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 10 | **a)** Construction of 110KV LILO line to 110/11KV **Kamalapura** sub-station on the existing DC towers from the tapping point for a distance of 5.8Kms in Bellary Taluk and District.<br>**b)** Construction of 110KV Terminal bay for the proposed 110KV LILO line at existing 110/11KV **Kamalapura** sub-station on the existing DC towers from the tapping point for a distance of 5.8Kms in Bellary Taluk and District. | GESCOM | **Kalaburagi** | Bellary | | | 86.33 | Line strengthening | 1 | 10 | 75.33 | |
| 11 | **a)** Construction of 110KV LILO line to 110/11KV **Bisilahalli** sub-station on the existing DC towers from the tapping point for a distance of 1.906Kms in Bellary Taluk & District.<br>**b)** Construction of 110KV Terminal Bay for the proposed line to 110KV/11KV **Bisilahalli** Substation on the existing DC towers from the tapping point for a distance of 1.906Kms in Bellary Taluk & District. | GESCOM | **Kalaburagi** | Bellary | | | 57.37 | Line strengthening | 1 | 10 | 46.37 | |
| 12 | **Vitla Sub-Station :**<br>Construction of 1 No. of 110KV Terminal Bay at exiscting 110KV Vittla substation for making LILO of the proposed 110KV Line from existing 110KV Netlamandur-Salethur SC Line for a Distance of 0.55 with 110KV MC towers. | MESCOM | **Hassana** | Dakshina Kannada | | | 262.38 | Line strengthening | 1 | 100 | 161.38 | |
| 13 | Re-conductoring of the existing Lynx conductor by drake conductor of 110kV Kemar-Hiriyadka-Mudabidare DC line between **Khemar** 220kV substation and Kuntalpady village limits (from Loc 01 to Loc 16) for a distance of 1.727Kms in Karakala Taluk. | MESCOM | **Hassana** | Udupi | | | 84.59 | Line strengthening | 1 | 50 | 33.59 | |
| 14 | **Linganamakki to Iduvani:**<br>Re-construction of two numbers of 110kV Dc lines from iduvani limits to Linganamakki power House in the existing corridor of 110kV JLT-3&4 DC line(4.6 Kms) and 110kV LST-3 &4 DC line (4.7Kms) using Lynx conductor for a distance of 9.28kms in Shimoga District. | MESCOM | **Hassana** | Shimoga | | | 566.76 | Line strengthening | 1 | 50 | 515.76 | |
| 15 | Construction of 2nd circuit line from 220kV Shahapur to Khanapur on existing DC tower for a distance of 19.25 Kms & TB at both ends. | GESCOM | **Kalaburagi** | Yadgir | | | 433.64 | Line strengthening | | 86.728 | 216.82 | 130.092 |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 16 | B.Bagewadi - Shahabad-Moratagi line :<br>Replacement of MS towers by GI towers along with conductor and ground wire from 220kV S/S B.Bagewadi to 220kV S/S Shahabad-up to Moratagi S/S (Loc.No194 to 415) | HESCOM | **Bagalkote** | Bijapur | | | 3276 | Line strengthening | | 300 | 1638 | 1338 |
| 17 | Construction of 110 KV SC Line Line on DC Towers with Lynx Conductor from 110 KV Ainapur to 110 KV Kagwwad Sub Station for a distance of 25 Kms in Belagavi Dist<br>(Approved 110 KV Link Line between proposed 110 KV Shiraguppi and existing 110 Kagwad Sub Station for a distance of 9 Kms) | HESCOM | **Bagalkote** | Belgaum | | | 450 | Line strengthening | | 90 | 225 | 135 |
| 18 | Conversion of 110 KV SC Line on SC Towers (Partially MS and Partially GI) by DC Line with GI Towers from 220 KV Mahalingpur S/S to 220 KV Athani S/s from Loc No-1 to 117 in Bagalkot and Belagavi Dist | HESCOM | **Bagalkote** | Belagavi-Bagalkot | | | 1272 | Line strengthening | | 100 | 636 | 536 |
| 19 | Conversion of 110 KV SC Line on SC towers to DC towers from 220 KV Mahalingpur S/S to 110 KV Yalaparhatti S/S in Bagalkot / Belagavi Dist | HESCOM | **Bagalkote** | Belagavi-Bagalkot | | | 1215 | Line strengthening | | 100 | 607.5 | 507.5 |
| 20 | New proposal for alternate power supply to 110kV Akshay Colony S/s to 110kV Tarihal S/s by installing 110kV U.G. Cables for about 5 kms. | HESCOM | **Bagalkote** | Dharwad | | | 5564 | Line strengthening | | 500 | 2782 | 2282 |
| 21 | Providing LILO arrangement 110KV SS2 line 110/11KV MUSS at Kumsi sub-station. | MESCOM | **Hassana** | Shimoga | | | 177 | Line strengthening | | 35.4 | 88.5 | 53.1 |
| **Sub-station augmentation- 110 kV** | | | | | | | | | | | | |
| 1 | **Doddaguni:**<br>Providing Spare 1x10MVA, 110/11kV Transformer | BESCOM | **Tumakuru** | Tumakuru | | | 186.2 | System improvement | 1 | 130.3 | 54.9 | |
| 2 | **K.B Cross:** Providing Spare 1x20 MVA, 110/11 kV Power Transformer at 110/11kV Station in K.B.Cross | BESCOM | **Tumakuru** | Tumakuru | | | 307.0 | System improvement | 1 | 214.9 | 91.1 | |
| 3 | **Huliyar:**<br>Providing Additional 1x10MVA, 110/11kV Power Transformer at 110/11kV Station. | BESCOM | **Tumakuru** | Tumakuru | | | 253.9 | Existing Transformer overload | 100 | 126.9 | 26.9 | |
| 4 | **Kadaba:**<br>Replacing 1x10 MVA,110/11kV by 1x 20 MVA, 110/11kV Transformer. | BESCOM | **Tumakuru** | Tumakuru | | | 204.2 | Existing Transformer overload | 50 | 142.9 | 11.3 | |
| 5 | **Sampige:**<br>Replacing 1x10MVA,110/11kV by 1x 20MVA, 110/11kV Transformer. | BESCOM | **Tumakuru** | Tumakuru | | | 204.2 | Existing Transformer overload | 100 | 102.1 | 2.1 | |
| 6 | **K.G Temple:**<br>Replacing 1x10MVA,110/11kV by 1x 20MVA, 110/11kV Transformer. | BESCOM | **Tumakuru** | Tumakuru | | | 204.5 | Existing Transformer overload | 100 | 102.3 | 2.3 | |
| 7 | **Kallur:**<br>Replacing 1x10 MVA,110/11kV by 1x 20 MVA, 110/11kV Transformer. | BESCOM | **Tumakuru** | Tumakuru | | | 204.5 | Existing Transformer overload | 100 | 102.3 | 2.3 | |
| 8 | **MSEZ:** Providing 1 x20 MVA, 110/33/11kV Transformer as **spare** at 220kV [illegible]ion MSEZ, B[illegible]e in M[illegible]ngalo[illegible] Taluk DK Dis[illegible] | MESCOM | **Hassana** | Dakshina [illegible]nada | | | 285.4 | System improvement | 10 | 142.7 | 132.7 | |

| Capital works planned for 5th MYT period | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sub-station works- 400 kV | | | | | | | | | | | | |
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commence ment | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 9 | **Konnur:** Providing additional 1X10MVA, 110/11kV Power Transformer at 110kV Konnur S/s. | HESCOM | **Bagalkote** | Gadag | | | 281.4 | Existing Transformer overload | 10 | 100.0 | 171.4 | |
| 10 | **110KV S/S Nagaramunnoli/Kabbur** Replacement of 1x10MVA, 110/11kV by 1x20MVA, 110/11kV Transformer | HESCOM | **Bagalkote** | Belgaum | | | 247.7 | Existing Transformer overload | 50 | 148.6 | 49.1 | |
| 11 | **110 kV S/S Sulthanpur :** Replacement of 1x10 MVA, 110/11 kV transformer by 1x20 MVA, 110/11 kV transformer at 110 kV Sulthanpur sub-station, in Raibag Taluk, Belagavi District | HESCOM | **Bagalkote** | Belgaum | | | 93.1 | Existing Transformer overload | 10 | 55.9 | 27.2 | |
| 12 | **Shiragaon :** Replacing 1x10MVA, 110/11kV by 1x20MVA, 110/11kV Transformer | HESCOM | **Bagalkote** | Belgaum | | | 286.8 | Existing Transformer overload | 10 | 100.0 | 176.8 | |
| 13 | **Hirebagewadi:** Augmentation of 10 MVA ,110/11 KV by 20 MVA, 110/11 KV Power Transformer at 110 KV S/S Hirebagewadi | HESCOM | **Bagalkote** | Belgaum | | | 295.1 | Existing Transformer overload | 10 | 100.0 | 185.1 | |
| 14 | **110 kV S/S Satti :** Providing additional 1x10 MVA, 110/11 kV transformer at 110 kV Satti sub-station, in Athani Taluk, Belagavi District | HESCOM | **Bagalkote** | Belgaum | | | 289.8 | Existing Transformer overload | 10 | 100.0 | 179.8 | |
| 15 | **110 kV S/S Itnal :** Replacement of 1x10 MVA, 110/11 kV transformer by 1x20 MVA, 110/11 kV transformer at 110 kV Itnal sub-station, in Raibag Taluk, Belagavi District | HESCOM | **Bagalkote** | Belgaum | | | 282.0 | Existing Transformer overload | 10 | 100.0 | 172.0 | |
| 16 | **110 kV S/S Bisnal :** Creating 33 kV reference by installing 1x20 MVA, 110/33 kV transformer at 110 kV Bisnal sub-station, in Bilagi Taluk, Bagalkot District | HESCOM | **Bagalkote** | Bagalkote | | | 320.3 | Existing Transformer overload | 10 | 100.0 | 210.3 | |
| 17 | **Muddebihal:** Providing additional 1x10MVA, 110/33kV Transformer | HESCOM | **Bagalkote** | Bijapur | | | 179.3 | Existing Transformer overload | 10 | 100.0 | 63.6 | |
| 18 | **Valkamdinni:** Replacement of 1x10MVA by 1x20MVA 110/33KV Power Transformer at 110KV S/S Walkamadinni. | GESCOM | **Kalaburagi** | Raichur | | | 202.3 | Existing Transformer overload | 1 | 50.0 | 151.3 | |
| 19 | **Sindhanoor:** Replacement of 1x10MVA by 1x20MVA 110/11KV Power Transformer at 110KV S/S Sindhanoor | GESCOM | **Kalaburagi** | Raichur | | | 217.6 | Existing Transformer overload | 5 | 50.0 | 162.6 | |
| 20 | **Raichur:** Providing spare 10 MVA, 110/11 kV Power Transformer at 220 kV R/S Raichur | GESCOM | **Kalaburagi** | Raichur | | | 227.8 | System improvement | 1 | 50.0 | 176.8 | |
| 21 | **Somasamudra:** Providing additional 1x10MVA, 110/11kV Transformer | GESCOM | **Kalaburagi** | Bellary | | | 209.7 | Existing Transformer overload | 1 | 50.0 | 158.7 | |
| 22 | **Kamalapur (Hospet Tq.):** Providing additional 1 X10MVA, 110/11kV Power Transformer at kamalapur in Hospet Tq. | GESCOM | **Kalaburagi** | Bellary | | | 268.9 | Existing Transformer overload | 10 | 50.0 | 208.9 | |
| 23 | **Tekkalakote:** Providing 1x20 MVA, 110/33 kV Power transformer | GESCOM | **Kalaburagi** | Bellary | | | 304.2 | Existing Transformer overload | 1 | 50.0 | 253.2 | |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 24 | **Sankalapura:** Repl of 1X10MVA by 1X20MVA, 110/11KV Trf at 110/11KV S/S Sankalapura | GESCOM | **Kalaburagi** | Bellary | | | 258.6 | Existing Transformer overload | 10 | 100.0 | 148.6 | |
| 25 | **Kalaburagi University:**<br>Replacement of 1X10MVA by 1X20MVA power Transformer at 110/11KV S/s Kalaburagi University | GESCOM | **Kalaburagi** | Kalaburagi | | | 172.8 | Existing Transformer overload | 1 | 100.0 | 71.8 | |
| 26 | Creating 33 KV reference by providing additional 1 x 20 MVA 110/33 kv Power Transformer along with construction of 33kv Terminal Bay at Existing 110/11kV **Gurmitkal** Sub-Station in Yadgir Tq. yadgir Dist. | GESCOM | **Kalaburagi** | Yadgir | | | 326.1 | Existing Transformer overload | 1 | 100.0 | 225.1 | |
| 27 | Enhancement of 1x10MVA, 110/11kV Power Transformer No. 1 by 1x20 MVA 110/11kV Power Transformer at 110/11kV **Shorapur.** | GESCOM | **Kalaburagi** | Yadgir | | | 294.3 | Existing Transformer overload | 5 | 100.0 | 189.3 | |
| 28 | Enhancement of 1x10MVA,110/33kV power transformer No.III by 1X20MVA 110/33kV Power Transformer at **110/11kV Shahapur S/S** | GESCOM | **Kalaburagi** | Yadgir | | | 207.6 | Existing Transformer overload | 5 | 10.0 | 70.0 | 100.0 |
| 29 | **Manvi:**<br>Replacement of 1x10MVA by 1x20MVA 110/11KV Power Transformer at 110KV S/S Manvi and providing 3 Nos of 1x100Sqmm XLPE cable to 11kV bank II at 110/11kV manvi station | GESCOM | **Kalaburagi** | Raichur | | | 213.5 | Existing Transformer overload | 1 | 100.0 | 112.5 | |
| 30 | **Raichur:**<br>Enhancement of 1x10MVA, 110/11KV Power Transformer by 20MVA ,110/11kV power transformer & providing 3 no's of 1x1000sq.mm XLPE CABLES TO 11Kv Bank III at 220KV S/S Raichur. | GESCOM | **Kalaburagi** | Raichur | | | 227.8 | Existing Transformer overload | 1 | 100.0 | 126.8 | |
| 31 | Providing additional 1x10MVA, 110/33kV Power Transformer at **110/11kV Mandewal Sub Station.** | GESCOM | **Kalaburagi** | Kalaburagi | | | 287.7 | Existing Transformer overload | 1 | 100.0 | 186.7 | |
| 32 | Providing additional 1 X 10MVA, 110kV Power Transformer at 110/33/11kV **MUSS, Chowdapur.** | GESCOM | **Kalaburagi** | Kalaburagi | | | 298.1 | Existing Transformer overload | 1 | 100.0 | 197.1 | |
| 33 | **Javagal:**<br>Replacement of 1 X 10 MVA, 110/11 KV power Transformer by 1 X 20 MVA 110/11KV power transformer at 110/11KV Javagal S/S in Arasikere Taluk | CESC | **Hassana** | Hassana | | | 204.2 | Existing Transformer overload | 1 | 50.0 | 153.2 | |

**Capital works planned for 5th MYT period**

**Sub-station works- 400 kV**

| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR | | | Reason for taking up the work | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | | FY-19 | FY-20 | FY-21 | FY-22 |
| 34 | **Nittur:** Replacement of 1x10MVA, 110/11KV Power Transformer by 1x20MVA, 110/11KV Power Transformer at 110/11kV Nittur S/s . | MESCOM | **Hassana** | Udupi | | | 355.2 | Existing Transformer overload | 1 | 50.0 | 304.2 | |
| 35 | **Kundapura:** Providing additional 1X20MVA, 110/11KV Power Transformer at existing 110/33/11kV Kundapura substation in Kundapura Taluk. | MESCOM | **Hassana** | Udupi | | | 329.5 | Existing Transformer overload | 1 | 50.0 | 278.5 | |
| 36 | **Manipal:** Providing additional 1X20 MVA, 110/11KV Power Transformer at 110/33/11KV Manipal Sub-station in Udupi Taluk and District. | MESCOM | **Hassana** | Udupi | | | 440.7 | Existing Transformer overload | 1 | 50.0 | 389.7 | |
| 37 | **Karaya:** Creating 33KV reference by installing 1x20MVA, 110/33KV Power Transformer at 110/11k Karaya S/s in Belthangudi Taluk | MESCOM | **Hassana** | Dakshina Kannada | | | 323.4 | Existing Transformer overload | 1 | 50.0 | 272.4 | |
| 38 | **Singtagere:** Providing additional 1x10MVA, 110/11KV Power Transformer at 110/11kV Singatagere S/s Kadur Taluk | MESCOM | **Hassana** | Chikkamagaluru | | | 289.4 | Existing Transformer overload | 1 | 50.0 | 238.4 | |
| 39 | **Tangli:** Enhancement of 1 x 10MVA 110/11KV Power transformer 2 by 1 x 20 MVA, 110/11KV power transpower at 110/11kV Tangli S/s in Kadur Taluk. | MESCOM | **Hassana** | Chikkamagaluru | | | 319.4 | Existing Transformer overload | 1 | 50.0 | 268.4 | |
| 40 | 110 KV S/S Alamel: Replacement of 1X10 MVA, 110/11 KV by 1X20 MVA, 110/11 KV transformer | HESCOM | **Bagalkote** | Vijayapura | | | 202.0 | Existing Transformer overload | | 40.4 | 101.0 | 60.6 |
| 41 | 110 kV S/S Aremallapura : Providing additional 1x10 MVA, 110/11 kV transformer at 110 kV Aremallapura sub-station, in Ranebennur Taluk, Haveri District | HESCOM | **Bagalkote** | **Haveri** | | | 350.0 | Existing Transformer overload | | 70.0 | 175.0 | 105.0 |
| 42 | Providing spare 1X20MVA, 110/33-11KV Trfr at 110KV Sambapur Road Sub station in Gadag Taluk, Gadag District instead of providing at 110KV Mundaragi Sub station. | HESCOM | **Bagalkote** | **Gadag** | | | 291.0 | Existing Transformer overload | | 58.2 | 145.5 | 87.3 |
| 43 | Replacement of 1x10 MVA, 110/11 kV transformer by 1x20 MVA, 110/11 kV transformer at 110 kV Tikota sub-station, in Vijayapura Taluk, Vijayapura District. | HESCOM | **Bagalkote** | Vijayapura | | | 315.0 | Existing Transformer overload | | 63.0 | 157.5 | 94.5 |
| 44 | Creating 33kV reference by providing 1x20 MVA, 110/33 kV transformer along with 33kV bank & feeders bay at 110 kV Uchagaon sub-station in Belgavi Taluk & District. | HESCOM | **Bagalkote** | Belgaum | | | 446.0 | Existing Transformer overload | | 89.2 | 223.0 | 133.8 |
| 45 | Creating 33kV reference by providing 1x20MVA, 110/33 kV Power Transformer at 110kV Taushi (Balligeri) sub station in Athani Taluk. | HESCOM | **Bagalkote** | Belgaum | | | 340.0 | Existing Transformer overload | | 68.0 | 170.0 | 102.0 |
| 46 | Providing additional 1 x 20 MVA, 110/11kV Transformer at 110/33/11kV Kulashekar station in Mangaluru Taluk, D.K. District. | MESCOM | **Hassana** | Dakshina Kannada | | | 251.9 | Existing Transformer overload | | 50.4 | 125.9 | 75.6 |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 47 | Replacement of 1 x 10MVA, 110/11kV Power Transformer by 1 x 20MVA, 110/11kV Power Transformer at 110/11kV Muthinakoppa sub-station, Narasimharajapura (N.R. Pura)Taluk and Shivamogga District | MESCOM | **Hassana** | Shimoga | | | 266.3 | Existing Transformer overload | | 159.8 | 106.5 | |
| 48 | Kammaradi:<br>Providing additional 1X10MVA Power Transformer at 110/11kV sub-station. | MESCOM | **Hassana** | Shimoga | | | 269.2 | Existing Transformer overload | | 161.5 | 107.7 | |
| 49 | Thirthahalli:<br>Enhancement of 1X10MVA Power Transformer -2 by 20MVA capacity power transformer at 110/33/11kV substation | MESCOM | **Hassana** | Shimoga | | | 289.6 | Existing Transformer overload | | 173.8 | 115.9 | |
| 50 | Yagati:<br>Enhancement of 1 x 10MVA, 110/11kV power transformer No.1 by 1 x 20MVA, 110/11kV sub-station Yagati, Kadur Taluk, Chikkamagaluru Dist. | MESCOM | **Hassana** | Chikkamagaluru | | | 301.2 | Existing Transformer overload | | 60.2 | 150.6 | 90.3 |
| 51 | Honnavalli:<br>Replacing 1x10 MVA,110/11kV by 1x 20 MVA, 110/11kV Transformer. | BESCOM | **Tumakuru** | Tumakuru | | | 200.0 | Existing Transformer overload | | 40.0 | 120.0 | 40.0 |
| 52 | Chikkanayakanahalli:<br>Replacing 1x10 MVA, 110/11kV by 1x 20 MVA, 110/11kV Transformer | BESCOM | **Tumakuru** | Tumakuru | | | 200.0 | Existing Transformer overload | | 40.0 | 120.0 | 40.0 |
| 53 | Enhancement of existing 1x10 MVA 110/33KV Power Transformer-1 by 1 x20 MVA,110/33kV power transformer at 110/33/11kV Sagar Sub-station in Sagar Taluk, Shivamogga District. | MESCOM | **Hassana** | Shivamogga | | | 200.0 | Existing Transformer overload | | 10.0 | 90.0 | 100.0 |
| 54 | Katkol:<br>Augmentation of 10 MVA ,110/11 KV by 20 MVA, 110/11 KV Power Transformer at 110 KV S/S Katkol | HESCOM | **Bagalkote** | Belagavi | | | 235.0 | Existing Transformer overload | | 47.0 | 141.0 | 47.0 |
| 55 | 110 kV S/S Tumminakatti : Creating 33 kV reference by installing 1x20 MVA, 110/33 kV transformer at 110 kV Tumminakatti sub-station, in Ranebennur Taluk, Heveri District | HESCOM | **Bagalkote** | Haveri | | | 285.0 | Existing Transformer overload | | 57.0 | 171.0 | 57.0 |
| 56 | Yalparahatti:<br>Providing additional 1x10MVA, 110/11KV Power Transformer | HESCOM | **Bagalkote** | Belgaum | | | 185.0 | Existing Transformer overload | | 37.0 | 111.0 | 37.0 |
| 57 | Hirehal:Replacement of 1X10MVA,110/33kV Trf by 1X20MVA,110/33kV Trf at Hirehal S/S and RON:Replacement of 1X20MVA,110/33kV Trf by 1X10MVA,110/33kV Trf at Ron S/S. | HESCOM | **Bagalkote** | Gadag | | | 450.0 | Existing Transformer overload | | 90.0 | 270.0 | 90.0 |
| 58 | Mundargi:Replacement of 1X10MVA,110/11kV Trf by 1X20MVA,110/11kV Trf at Mundargi S/S. | HESCOM | **Bagalkote** | Gadag | | | 235.0 | Existing Transformer overload | | 47.0 | 141.0 | 47.0 |
| 59 | Providing Addl 1X10MVA, 110/11KV Trfr at 110KV Hosa Honnatti Sub station in Ranebennur Taluk, Haveri District. | HESCOM | **Bagalkote** | Haveri | | | 185.0 | Existing Transformer overload | | 37.0 | 111.0 | 37.0 |
| 60 | Replacement of 1X10MVA, 110/33KV Trfr by 1X20MVA, 110/33KV Trfr at 110KV Dambal Sub station in Mundaragi Taluk, Gadag District. | HESCOM | **Bagalkote** | Gadag | | | 235.0 | Existing Transformer overload | | 47.0 | 141.0 | 47.0 |

| Capital works planned for 5th MYT period | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sub-station works- 400 kV** | | | | | | | | | | | | |
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commence ment | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 61 | Replacement of 1X10MVA, 110/11KV Trfr by 1X20MVA, 110/11KV Trfr at 110KV Tiluvalli Sub station in Hanagal Taluk, Haveri District. | HESCOM | **Bagalkote** | Haveri | | | 185.0 | Existing Transformer overload | | 37.0 | 111.0 | 37.0 |
| 62 | 110 KV S/S Yalapharatti<br>Creating 33 KV reference by installing 1X20 MVA ,110/33 KV Transformer at 110 KV Yalapharatti Sub station in Raibag Taluka, Belagavi Dist | HESCOM | **Bagalkote** | Belagavi | | | 235.0 | Existing Transformer overload | | 47.0 | 141.0 | 47.0 |
| 63 | 110 KV S/S Sadalaga<br>Providing spare 1X10 MVA,110/33-11 KV Transformer at 110 KV Sadalaga Sub -Station in Chikkodi Taluka, Belagavi Dist | HESCOM | **Bagalkote** | Belagavi | | | 185.0 | System improvement | | 37.0 | 111.0 | 37.0 |
| 64 | 110 KV Udyambagh<br>Creating 33 KV Reference by providing additional 1X20 MVA 110/33 KV Transformer at 110 KV Udyambagh Sub Station in Belagavi Taluka, Belagavi Dist | HESCOM | **Bagalkote** | Belagavi | | | 235.0 | Existing Transformer overload | | 47.0 | 141.0 | 47.0 |
| 65 | Jambagi K.D.: Providing additional 1x10 MVA, 110/11 KV Transformer at 110 KV Jambagi K.D. S/S in Mudhol Tq. Bagalkot Dist. | HESCOM | **Bagalkote** | Bagalkote | | | 182.0 | Existing Transformer overload | | 36.4 | 109.2 | 36.4 |
| 66 | Raichur:<br>Providing spare 10 MVA, 110/11 kV Power Transformer at 220 kV R/S Raichur | GESCOM | **Kalaburagi** | Raichur | | | 150.0 | System improvement | | 30.0 | 90.0 | 30.0 |
| 67 | Mukkunda:<br>Replacement of 1x10MVA by 1x20MVA 110/11KV Power Transformer at 110KV S/S Mukkunda | GESCOM | **Kalaburagi** | Raichur | | | 200.0 | Existing Transformer overload | | 40.0 | 120.0 | 40.0 |
| 68 | Turvihal:<br>Replacement of 1x10MVA by 1x20MVA 110/11KV Power Transformer at 110KV S/S Turvihal. | GESCOM | **Kalaburagi** | Raichur | | | 200.0 | Existing Transformer overload | | 40.0 | 120.0 | 40.0 |
| 69 | Enhancement of 1x10MVA, 110/11kV Power Transformer No-1 by 1x20 MVA, 110/11kV Power Transformer at 110/11kV S/S Chidri | GESCOM | **Kalaburgi** | Bidar | | | 200.0 | Existing Transformer overload | | 40.0 | 120.0 | 40.0 |
| **Other works-110 kV** | | | | | | | | | | | | |
| 1 | Kulashekar:<br>1) Re-arranging of existing 110kV lines at 110/33/11kV Kulashekara S/S inview of R&M works of S/S.<br>2) R&M of 110/33/11kV Kulashekara S/S and providing additional 1X20MVA, 110/33kV Tr at 110/33/11kV Kulashekara S/S | MESCOM | **Hassana** | Dakshina Kannada | | | 716.0 | System improvement | 1.0 | 501.2 | 213.7 | |
| 2 | Baikampady: Providing 110KV, 20MVAR Capacitor Bank along with associated TB at existing 110/33/11KV Baikampady S/s. | MESCOM | **Hassana** | Dakshina Kannada | | | 85.3 | System improvement | 1.0 | 59.7 | 24.6 | |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 3 | Formation of 110KV rigid bus at 220KV RS, Kemar | MESCOM | **Hassana** | Udupi | | | 50.0 | System improvement | 1.0 | 35.0 | 14.0 | |
| 4 | Gangavathi:<br>LILOing of 110kV Munirabad-Sindhnur line - II and construction of 2 Nos. TBs at 110kV Gangavathi Sub-Station | GESCOM | **Kalaburagi** | Bellary | | | 162.7 | System improvement | 1.0 | 50.0 | 111.7 | |
| **Sub-station Works- 66 kV** | | | | | | | | | | | | |
| 1 | **Huskuru :** Establishing 2x12.5MVA, 66/11kV Sub-Station with Cable from existing 66/11 KV Malgudi(Electronic City sector -II, Phase -II) Substation for a Route length of 6.885Kms. | BESCOM | **Bengaluru** | Bengaluru Urban | | | 5038.2 | System improvement | 5 | 3526.7 | 1506.5 | |
| 2 | **S.Medehalli:**<br>Establishing 2x12.5 MVA, 66/11kV sub-station at S.Medehalli, in Anekal Taluk, Bengaluru Urban District. | BESCOM | **Bengaluru** | Bengaluru Urban | | | 1978 | System improvement | 1 | 989 | 691.6 | 296.4 |
| 3 | **Muthanalur:**<br>Establishing 2x8 MVA, 66/11kV Sub-Station with associated line at anekal taluk. | BESCOM | **Bengaluru** | Bengaluru Urban | | | 1080 | System improvement | 1 | 540 | 377.3 | 161.7 |
| 4 | **Bagganadoddi:**<br>Establishing 1x8MVA, 66/11kV Sub-Station with associated line | BESCOM | **Bengaluru** | Bengaluru Urban | | | 2913 | System improvement | 150 | 1000 | 1000 | 763 |
| 5 | **Madappanahalli:** Establishing 2x20MVA, 66/11kV Sub-Station with associated line for a distance of 3.604Kms | BESCOM | **Bengaluru** | Bengaluru Urban | | | 1119.73 | System improvement | 2 | 559.9 | 390.5 | 167.4 |
| 6 | **Tadigol Cross :**<br>Establishing 2x8MVA, 66/11kV Sub-Station with associated line. | BESCOM | **Bengaluru** | C.B.Pura | | | 1060.45 | System improvement | 5 | 424.2 | 500.0 | 131.3 |
| 7 | **Nandi (Muddenahalli):**<br>Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 3.466 Km. | BESCOM | **Bengaluru** | C.B.Pura | | | 425.71 | System improvement | 10 | 100.0 | 151.6 | 65.0 |
| 8 | **Bommepalli cross:**<br>Establishing 1x8MVA, 66/11kV Sub-Station with associated line | BESCOM | **Bengaluru** | C.B.Pura | | | 661.64 | System improvement | 5 | 330.8 | 228.1 | 97.7 |
| 9 | **Changawara:**<br>Establishing 1x8MVA, 66/11kV Sub-Station with associated line | BESCOM | **Tumakuru** | Tumakuru | | | 612.5 | System improvement | 50 | 245.0 | 317.5 | |
| 10 | **Kundur Mata:**<br>Establishing 1 X 8 MVA ,66/11 KV S/S at Kunduru Mata in CR Patna Taluk Hassana Dist with construction of 66kv Tap line on DC towers from Bagur- Ramapura line to proposed 66/11kV S/S at Kundurmata for a dist of 6.2Kms | CESC | **Hassana** | Hassana | | | 491.91 | System improvement | 1 | 344.3 | 146.6 | |

**Capital works planned for 5th MYT period**

**Sub-station works- 400 kV**

| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR | | | Reason for taking up the work | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | | FY-19 | FY-20 | FY-21 | FY-22 |
| 11 | **Nagarthi:** Establishing 1x6.3 MVA, 66/11KV S/S at Nagarthi in H.N.Pura Tq, Hassan Dist with construction of 66kV SC line of DC towers for a route length of 10.03Kms to tap the existing 66kV C.R.Patna-H.N.Pura-Singapura SC line to the proposed 66/11kV Nagarthi S/S. | CESC | **Hassana** | Hassana | | | 680.67 | System improvement | 1 | 476.5 | 203.2 | |
| 12 | **Kampalapura:** Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 1.837Kms | CESC | **Mysuru** | Mysuru | | | 562.89 | System improvement | 1 | 450.3 | 111.6 | |
| 13 | **Kaggere (Hampapura)** Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 1.0Kms | CESC | **Mysuru** | Mysuru | | | 528.36 | System improvement | 1 | 422.7 | 104.7 | |
| 14 | **Chamalapura (B.Seehalli):** Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 3.835Kms | CESC | **Mysuru** | Mysuru | | | 618.08 | System improvement | 10 | 494.5 | 113.6 | |
| 15 | **Mandakalli (Koppalur):** Establishing 1x12.5MVA, 66/11kV Sub-Station with associated line | CESC | **Mysuru** | Mysuru | | | 834.16 | System improvement | 100 | 667.3 | 66.8 | |
| 16 | **Arkalavadi:** Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 10.368Kms | CESC | **Mysuru** | Chamarajanagara | | | 736.13 | System improvement | 1 | 100.0 | 500.0 | 135.1 |
| 17 | **Lokkanahalli :** Establishing 1 x 8 MVA,66/11 KV sub-station. | CESC | **Mysuru** | Chamarajanagara | | | 900 | System improvement | 1 | 10.0 | 50.0 | 700.0 |
| 18 | **Mallapanahalli:** Establishing 2x8MVA, 66/11kV Sub-Station with associated line | BESCOM | **Tumakuru** | Chitradurga | | | 900.93 | System improvement | 1 | 500.0 | 399.9 | |
| 19 | **Godabanalu :** Establishing 2x12.5MVA, 66/11kV Sub-Station with associated line in Chitradurga Taluk & Dist. | BESCOM | **Tumakuru** | Chitradurga | | | 1053.64 | System improvement | 1 | 500.0 | 552.6 | |
| 20 | **Neralagunte:** Establishing 1x12.5MVA, 66/11KV substation with associated line in Challakere Taluk ,Chitradurga dist | BESCOM | **Tumakuru** | Chitradurga | | | 745.54 | System improvement | 1 | 500.0 | 244.5 | |
| 21 | **Ajjipura**: Establishing 1x8MVA, 66/11kV Sub-Station with associated line. | CESC | **Mysuru** | Chamarajanagara | | | 645.2 | System improvement | | 300.0 | 345.2 | |
| 22 | Establishing 1x12.5 MVA, 66/11 kV sub-station at Vijapaura in Chitradurga Taluk & District. | BESCOM | **Tumakuru** | Chitradurga | | | 550.46 | System improvement | | 100.0 | 450.5 | |
| 23 | **Yerahally Hand post :** Upgadation of 33/11KV SS to 66/11KV SS. | CESC | **Mysuru** | Mysuru | | | 935.09 | System improvement | | 100.0 | 467.5 | 367.5 |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | As per DPR | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 24 | **Talagawadi / Dugganahalli limits :**<br>Establishing 1x12.5MVA, 66/11kV Sub-Station with associated line. | CESC | **Mysuru** | Mandya | | | 862.99 | System improvement | | 100.0 | 431.5 | 331.5 |
| 25 | Gownpalli :<br>Establishing 2x8MVA, 66/11kV Sub-Station with associated line | BESCOM | **Bengaluru** | Kolar | | | 1141.89 | System improvement | | 100.0 | 570.9 | 470.9 |
| 26 | Manihambal: Establishing 1X8 MVA, 66/11 kV s/s with with construction of 66kV SC line on DC towers from existing 66kV Maralawadi S/s for a distance of 7kms. | BESCOM | **Bengaluru** | Ramanagara | | | 450 | System improvement | | 180.0 | 225.0 | 45.0 |
| 27 | Anathanagara:<br>Establishing 2x31.5MVA, 66/11kV Sub-Station with associated line at anekal taluk. | BESCOM | **Bengaluru** | Bengaluru | | | 1500 | System improvement | | 10.0 | 500.0 | 990.0 |
| 28 | Thorlakki:<br>Establishing 2x8MVA, 66/11kV Sub-Station with associated line | BESCOM | **Bengaluru** | Kolar | | | 500 | System improvement | | 100.0 | 250.0 | 150.0 |
| 29 | JN Kote :<br>Establishing 2x8MVA, 66/11kV Sub-Station with associated line in Chitradurga Tq & Chitradurga Dist. | BESCOM | **Tumakuru** | Chitradurga | | | 750 | System improvement | | 150.0 | 375.0 | 75.0 |
| 30 | Arasikere:<br>Establishing 1x8MVA, 66/11kV Sub-Station with associated line | BESCOM | **Tumakuru** | Davanagere | | | 550 | System improvement | | 110.0 | 275.0 | 55.0 |
| 31 | Establishing 1x8 MVA, 66/11 kV Sub-station at Harakanalu (Hulikatte Cross) in Harapanahalli Taluk, Davanagere Districtby constructing 66kV LILO line on DC towers from 66kV Neelagunda-Harapanahalli line for a distance of 7kms using coyote conductor | BESCOM | **Tumakuru** | Davanagere | | | 550 | System improvement | | 110.0 | 275.0 | 55.0 |
| 32 | Pandithanahalli:<br>Establishing 1 x 8 MVA, 66/11 KV Sub-Station with associated line | CESC | **Mysuru** | Mandya | | | 550 | System improvement | | 110.0 | 275.0 | 55.0 |
| 33 | Thalabetta:<br>Establishing 1x8MVA 66/11kV Sub-Station with associated line | CESC | **Mysuru** | Chamaraja-nagar | | | 550 | System improvement | | 110.0 | 275.0 | 55.0 |
| 34 | Sunkathonnur:<br>Establishing 1x8MVA, 66/11kV Sub-Station with associated line | CESC | **Mysuru** | Mandya | | | 550 | System improvement | | 110.0 | 275.0 | 55.0 |
| 35 | Padukote/Chikkereyur : Establishing 1 x 8 MVA,66/11 KV sub-station. | CESC | **Mysuru** | Mysuru | | | 550 | System improvement | | 110.0 | 275.0 | 55.0 |
| 36 | Shindenahally : Establishing 1 x 8 MVA,66/11 KV sub-station. | CESC | **Mysuru** | Mysuru | | | 550 | System improvement | | 110.0 | 275.0 | 55.0 |
| 37 | Kudige: Establishing 2x 8 MVA,66/11 KV sub-station. | CESC | **Mysuru** | Kodagu | | | 700 | System improvement | | 140.0 | 350.0 | 70.0 |

| Capital works planned for 5th MYT period | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sub-station works- 400 kV** | | | | | | | | | | | | |
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commence ment | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 38 | Hanagallu Shettalli(Hanagallu bani) : Establishing 1 x 8 MVA,66/11 KV sub-station. | CESC | **Mysuru** | Kodagu | | | 550 | System improvement | | 110.0 | 275.0 | 55.0 |
| 39 | Chilakana Hatti:<br>Establishing 1x8MVA, 66/11kV Sub-Station with associated line | GESCOM | **Kalaburagi** | Bellary | | | 550 | System improvement | | 110.0 | 275.0 | 110.0 |
| 40 | G.Kodihalli:<br>Establishing 1X8 MVA 66/11 KV S/S at G.Kodihalli. | GESCOM | **Kalaburagi** | Bellary | | | 534 | System improvement | | 106.8 | 267.0 | 106.8 |
| **Transmission line Works- 66 kV** | | | | | | | | | | | | |
| 1 | Antharsanahally - Chelur tap point - Sira:<br>Construction of (a) 66kV MC line from Antharsana hally to Chelur tap point<br>b) 66kV MC line from Chelur tap point to Sira (partly on DC)<br>c) Providing 66kV TBs at 66kV Sira & Antharsana hally for above lines for a distance of 52.00 Kms. | BESCOM | **Tumakuru** | Tumakuru | | | 3504.08 | To relieve line overload | 1 | 53.634 | 22.986 | |
| 2 | Nagalamadike :<br>Construction of new 66kV SC tap line on DC towers from Pavagada tapping point to Nagalamadike S/ S (Replacement of Rabbit conductor on RCC poles) for a distance of 13.46Kms. | BESCOM | **Tumakuru** | Tumakuru | | | 197.11 | To relieve line overload | 1 | 108.367 | 46.443 | |
| 3 | Shylapura - Y. N. Hosakote:<br>Construction of new 66kV SC line on DC towers (Replacement of Rabbit conductor on RCC poles by Coyote conductor on 17.24 Kms. | BESCOM | **Tumakuru** | Tumakuru | | | 265 | To relieve line overload | 1 | 134.666 | 57.714 | |
| 4 | Pandarahalli - Holalkere:<br>Construction of 66kV DC line in the existing corridor of 66kV S/C line with TBs for a distance of 25.34 Kms. | BESCOM | **Tumakuru** | Chitradurga | | | 646 | To relieve line overload | 10 | 133.763 | 57.327 | |
| 5 | MRS to Lingadahalli:<br>Construction of new 66kV SC line on DC towers for a distance of 46.039Kms in the existing corridor of 66kV DVG-2 SC line From MRS Shivamogga to Lingadahalli (Channagiri Taluk) in Shivamogga & Davanagere Districts. | MESCOM | **Hassana** | Shimoga | | | 864.2 | To relieve line overload | 500 | 300 | 64.2 | |
| 6 | Virajpet - Madekeri: Construction of 66kV SC Link line on DC towers between 66kV Virajpet & Madekeri Sub-Stations for a distance of 36.16kms. | CESC | **Mysuru** | Kodagu | | | 842.37 | To relieve line overload | 50 | 100 | 300.923 | 128.967 |
| 7 | Munirabad - Ujjini:<br>Dismantling of existing 66kV Munirabad-Sokke-Davangere line emanating from Munirabad Generating Station & Erecting a new 66kV line with Coyote conductor upto 66kV Ujjani Sub-Station in Kudligi Taluk for a distance of 204.31 Kms | GESCOM | **Kalaburagi** | Bellary | | | 773.98 | System improvement | 10 | 226.884 | 97.236 | |
| 8 | **HAL-Amarjyothi:** Strengthening of existing 66kV line by replacing Coyote by HTLS Conductor for a distance of 3.21 kms | BESCOM | **Bengaluru** | Bengaluru Urban | | | 481.6 | To relieve line overload | 1 | 337.1 | 100.0 | 43.5 |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 9 | **Amarjyothi-Audugodi:** Replacement of Existing Coyote ACSR Conductor by HTLS Conductor for a route length of 4.20Kms in the existing 66kV DC Audugodi-Amarjyothi line. | BESCOM | **Bengaluru** | Bengaluru Urban | | | 665.2 | To relieve line overload | 1 | 465.7 | 100.0 | 98.6 |
| 10 | **Nelagadarenhalli to WIDIA:** Running of 66kV 1000sqmm SC UG cable from existing 66/11kV Nelagadarenahalli S/s to existing Widia S/s for a route length of 3.540Kms | BESCOM | **Bengaluru** | Bengaluru Urban | | | 2359.0 | To relieve line overload | 1 | 1651.3 | 500.0 | 206.7 |
| 11 | **Kanteerava GIS Station:** Establishing link line between 220/66/11kV Sir.M.V.GIS station(East Division Compound) and 66kV Kanteerava GIS station by laying kV SC 1000Sqmm UG cable for a route length of 2.488Kms | BESCOM | **Bengaluru** | Bengaluru Urban | | | 1782.0 | To relieve line overload | 10 | 1247.4 | 524.6 | |
| 12 | **66KV D.B.Pura -Devanahalli line:** Strengthening the 66KV D.B.Pura - Devanahalli line by Drake conductor 20KMS | BESCOM | **Bengaluru** | Bengaluru rural | | | 950.0 | To relieve line overload | 10 | 665.0 | 275.0 | |
| 13 | **D cross to Thodebhavi:** Strengthening of 66kV line from D cross to Thodebhavi limites (Existing fabricated small tower and rabit conductor) | BESCOM | **Bengaluru** | Bengaluru Rural & CBPura | | | 1177.0 | To relieve line overload | 10 | 823.9 | 343.1 | |
| 14 | **66kV Mattikere- Jalamangala Line:** Construction of 66kV Line from 66/11kV Mattikere to Jalamangala for a distance of 10.78Kms | BESCOM | Bengaluru | Ramanagara | | | 564.1 | To relieve line overload | 5 | 225.6 | 169.2 | 112.8 |
| 15 | **66kV DC line to 66/11kV Maralavadi S/s:** Replacing of existing 66KV SC Tower of 66 KV Maralwadi line by constructing DC tower, drake DC line from tapping point of existing 66KV Kanakapura-Chatra(Tapping -Maralwadi tapping )-Hanumanthanagara-Yedamadu-Somanahalli line-1 | BESCOM | Bengaluru | Ramanagara | | | 656.0 | To relieve line overload | 5 | 262.4 | 196.8 | 131.2 |
| 16 | Conversion of existing 66kV SC line to **DC line from Harobele station to Kodihalli station** | BESCOM | **Bengaluru** | Ramanagara | | | 142.0 | To relieve line overload | 5 | 56.8 | 42.6 | 28.4 |
| 17 | **66kV SC line from 220kV Kanakapura to Kunur station:** Construction of 66kV SC line partially cable and partially overhead line from Kanakapura to proposed Kunur station for a distance of 7.481Km | BESCOM | Bengaluru | Ramanagara | | | 3149.0 | To relieve line overload | 5 | 1259.6 | 944.7 | 629.8 |
| 18 | Construction of 66kV MC/DC line in the existing corridor of 66kV **Somanahalli - Kanakapura - T.K.Halli** DC line B1 & B2 having old H frame towers and cat conductor | BESCOM | **Bengaluru** | Ramanagara | | | 4157.0 | To relieve line overload | 5 | 1662.8 | 1247.1 | 831.4 |
| 19 | **Siddlaghatta - Y.Hunasenahalli:** Running of 2nd Circuit on existing DC Tower of Siddlaghatta 66kV line upto Tower No.51 and linking the same to Y.Hunasenahalli line with TB at 220kV R/S Chintamani for a distance of 12.3 kms. | BESCOM | **Bengaluru** | C.B.Pura | | | 529.9 | To relieve line overload | 1 | 371.0 | 158.0 | |

| Capital works planned for 5th MYT period | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sub-station works- 400 kV | | | | | | | | | | | | |
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 20 | **Jangamkote Sub-Station:** Providing 66kV LILO arrangement to 66/11kV Sub-Station for a distance of 7.00 kms. | BESCOM | **Bengaluru** | C.B.Pura | | | 55.0 | System improvement | 1 | 38.5 | 15.5 | |
| 21 | **Chilur Station to Chilur Tap point:** Conversion of SC line on SC towers to DC line on DC towers from Tap point to Chilur 66kV Sub-Station for a distance of 1 Km with TB at Chilur station for LILO arrangement. | BESCOM | **Tumakuru** | Davanagere | | | 54.1 | To relieve line overload | 10 | 27.1 | 17.1 | |
| 22 | **Jagalur-Sokke 66KV line:** Recontruction of existing 66kV, age old coyote conductor SC line from 66kV Sub-Station Jagalur to 66kV Sub-Station Sokke as SC line on DC towers with coyote conductor for a distance of 20.961 Kms. | BESCOM | **Tumakuru** | Davanagere | | | 401.1 | System improvement | 10 | 200.6 | 190.6 | |
| 23 | **Sasvehalli Station to Sasvehalli Tap point:** Providing LILO arrangement at 66kv station Sasvehalli from tap point of Lingadahalli-Channagiri line for a distance of 0.5 kms with TB. | BESCOM | **Tumakuru** | Davanagere | | | 53.3 | To relieve line overload | 10 | 26.7 | 16.7 | |
| 24 | **Gendehally - Arehally:** Construction of 66kV DC line from 66kV Arehalli Sub-station to LILO the existing 66kV SC line between Belur-Gendehally Sub-station along with two Nos of 66kV TB's at 66kV Arehalli Sub-station | CESC | **Hassana** | Hassana | | | 612.1 | System improvement | 1 | 428.5 | 100.0 | 82.6 |
| 25 | **S K Pura to Arehall:** Stringing of 2nd Circuit with Coyote ACSR Conductor on existing 66KV SC line onDC towers between 66/11KV S/s at Sakaleshpura and 66/11 KV S/s at Arehally with TB at both Sakaleshpura and Arehalli S/s. | CESC | **Hassana** | Hassana | | | 245.8 | To relieve line overload | 5 | 172.1 | 68.8 | |
| 26 | Reconstruction of 66kV SC line in existing corridor of 66kV SC MBT(FTS Mysuru-Bhadra) line on DC towers from Hassan to H.N.Pura and reconstruction of 66kV SC line in the existing 110kV SC SMT(Shimoga-Mysuru) line corridor on DC towers from HN Pura to Hootagalli | CESC | **Hassana** | Hassana | | | 2108.4 | System improvement | 1 | 500.0 | 1000.0 | 607.4 |
| 27 | **Hootagalli - Bherya Limits:** Replacing of H - Frames by Re-construction of 66kV SC line between Hootagalli - Bherya Limits to a distance of 54 km | CESC | **Mysuru** | Mysuru | | | 1025.0 | System improvement | 1 | 300.0 | 500.0 | 224.0 |
| 28 | **Hootagalli R/S, Vijayanagar and FTS Sub-Station:** Stringing of 66kV 2nd circuit between Hootagalli R/S, Vijayanagar and FTS Sub-Station on existing D/C towers with Terminal Bays at both ends | CESC | **Mysuru** | Mysuru | | | 128.0 | To relieve line overload | 1 | 76.8 | 50.2 | |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 29 | **Bettadapura Sub-station:**<br>Reconstruction of 66 kV SC line on SC towers by LILO line from existing 66 kV Chunchanahatti-Kushalnagar line to 66/11 kV Bettadapura S/S for a distance of 2.457 km in Periyapatna Taluk,Mysuru District for a distance of 2.46 kms | CESC | **Mysuru** | Mysuru | | | 94.3 | System improvement | 1 | 56.6 | 36.7 | |
| 30 | **Jayapura :**<br>Providing additional 1 No. of 66 kV TB and LILO of Kadakola - Sargur 66kV line by constructing additional Circuit on existing towers for a distance of 6.0 kms along with Terminal Bay at Jaipura for a distance of 6 kms | CESC | **Mysuru** | Mysuru | | | 58.0 | System improvement | 1 | 34.8 | 22.2 | |
| 31 | **K R Nagar to Chunchanakatte:**<br>Re-Construction of existing 66kV line between K R Nagar Sub-Station to Chunchanakatte Sub-Station for a distance of 5.8kms | CESC | **Mysuru** | Mysuru | | | 156.0 | System improvement | 1 | 93.6 | 61.4 | |
| 32 | **Kadakola-Devanur (Nanjangud) Drake Line:**<br>Strenthening of 66kv s/c line on s/c towers from Kadakola 220kv R/S TO 66KV Devanur s/s ( Nanjanagud ) by Drake Conductor on 110/66KV DC Tower to a distance of 23Kms | CESC | **Mysuru** | Mysuru | | | 2574.0 | To relieve line overload | 1 | 10 | 800 | 1000 |
| 33 | **Shimsha - Mandya:**<br>Construction of 66kV SC link line in the existing corridor for a distance of 44.57KMs. | CESC | **Mysuru** | Mandya | | | 346.9 | To relieve line overload | 10 | 100.0 | 100.0 | 94.6 |
| 34 | **Hampapura :**<br>LILO of Kadakola -Santhesaguru 66kV line by constructing additional Circuit on existing towers for a distance of 6.5km along with Terminal Bay at Hampapura (HD Kote) for a distance of 6.5 kms | CESC | **Mysuru** | Mandya | | | 60.6 | System improvement | 1 | 36.3 | 23.2 | |
| 35 | **Kiragavalu LILO:**<br>Converstion of 66kV S/C Line on SC Tower to 66kV LILO line on DC Towers from the existing 66kV SFC-Vajamangala DC line. | CESC | **Mysuru** | Mandya | | | 132.4 | System improvement | 75 | 39.7 | 17.7 | |
| 36 | **Anegola LILO:**<br>Construction of 2nd circuit on existing 66kV DC towers for a distance of 2.965 Kms for Making LILO arrangement to Anegola Sub-Station | CESC | **Mysuru** | Mandya | | | 74.1 | System improvement | 1 | 44.5 | 28.6 | |
| 37 | **Santhemaranahalli Sub-station:**<br>Providing 66kV LILO arrangment to existing 66/11kV Santhemaranahally S/s along with 1 No TB | CESC | **Mysuru** | Chamarajanagara | | | 154.8 | System improvement | 50 | 92.9 | 11.9 | |
| 38 | **Ramapura LILO:**<br>Construction of 66kV 2nd circuit line for a distance 1.5Kms. on existing D/C towers for making LILO arrangement to Ramapura Sub-Station along with Terminal Bay. | CESC | **Mysuru** | Chamarajanagara | | | 56.3 | System improvement | 10 | 33.8 | 12.5 | |

**Capital works planned for 5th MYT period**

**Sub-station works- 400 kV**

| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR | | | Reason for taking up the work | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | | FY-19 | FY-20 | FY-21 | FY-22 |
| 39 | 66KV link line from proposed 66KV **Hire Mallana Hole** to 66KV **Hosahalli** | GESCOM | **Kalaburagi** | Bellary | | | 278.0 | To relieve line overload | 1 | 166.8 | 110.2 | |
| 40 | **Magadi-Byadarahalli:** Conversion of existing 66kV Byadarahalli-Magadi S/C line to DC line with Drake ACSR conductor using proposed 110kV Narrow based DC towers for a distance of 28.990Kms and 66Kv 1000sqmm, UG cable from existing 66/11Kv Byadarahalli station to U.G. cable terminating tower for a route length of 0.098 Kms. | BESCOM | **Bengaluru** | Bengaluru Urban Ramanagara | | | 2232.0 | To relieve line overload | 1 | 500 | 1731 | |
| 41 | 66KV D.B.Pura - Vijaypura line : Strengthening the 66KV D.B.Pura - Vijaypura line of coyote conductor by drake | BESCOM | **Bengaluru** | **Bengaluru rural** | | | 1586.0 | To relieve line overload | | 500 | 1086 | |
| 42 | Providing LILO arrangement to 66/11kV Attichowdanahally Sub-station from 66kV Channarayapatna-Malali SC line in C.R. Patna Taluk in Hassan District | CESC | Hassana | C.R.PATNA | | | 154.7 | System improvement | | 92.8 | 61.9 | |
| 43 | Providing LILO arrangement to 66 kV Harihara sub-station from 66 kV Harihara-Hospet line at Loc. 78-79 by stringing SC on DC tower. | BESCOM | **Tumakuru** | Tumakuru | | | 43.5 | System improvement | | 8.7 | 21.8 | 13.1 |
| 44 | B) Providing alternate 66 kV source to 66 kV Vidyanagar sub-station by running 1000sqmm UG Cable from 220 kV Devanahalli Hardware Park sub-station for a distance of 9.1 km. c) 4 runs of 220 kV UG cable from 400 kV DWHP to link 220 kV Nelamangala-Hoody DC line. | BESCOM | **Bengaluru** | Bengaluru Rural | | | 28210.0 | To relieve line overload | | 3000 | 14105 | 11105 |
| 45 | Work of providing 66kV alternate source to 66/11kV Brigade Metropolis by tapping existing 66kV HAL-1 or 2 line (Bagmane 1 or 2 feeding from 220/66kV Hoody) by laying 66kV, 1000sq mm single circuit XLPE insulated copper UG cable | BESCOM | **Bengaluru** | Bengaluru Urban | | | 130.7 | To relieve line overload | | 26.1 | 65.3 | 39.2 |
| 46 | Releasing the overload on 66kV Gowribidanur- Peresandra S/C line by making LILO arrangement from 66/11kV S/s Somenahalli to Somenahalli tap point. | BESCOM | **Bengaluru** | CB Pura | | | 156.5 | To relieve line overload | | 31.3 | 78.2 | 46.9 |
| 47 | 220/66/11kV NRS Doddaballapura to CBPura 1 &2 DC lines: Replacement of coyote ACSR by Drake ACSR conductor | BESCOM | **Bengaluru** | Bengaluru Rural | | | 1156.7 | To relieve line overload | | 100 | 578.4 | 478.4 |
| 48 | Jigani-RBI - Strengthening 66kV Jigani-2A & 2B circuit lines from Coyote to Drake in the existing corridor from RBI tapping point(Kotthur dinne) to Jigani. | BESCOM | **Bengaluru** | Bengaluru Rural | | | 1010.2 | To relieve line overload | | 100 | 505.1 | 405.1 |
| 49 | Sarjapura station to 66 kV Lakkur : Construction of 66 kV DC line from 220 kV Sarjapura station to 66 kV Lakkur sub-station | BESCOM | **Bengaluru** | Bengaluru Urban | | | 698.0 | To relieve line overload | | 139.6 | 349 | 209.4 |
| 50 | Providing 66KV, 1000sqmm cable from existing Jigani1/2 line to 66/11kV Anjanapura S/s for a distance of 3.5 Kms. | BESCOM | **Bengaluru** | Bengaluru Urban | | | 1516.0 | To relieve line overload | | 200 | 758 | 558 |

**Sub-station augmentation-66 kV**

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 1 | Hoody: Providing 3rd additional 1x31.5 MVA, 66/11 kV transformer. | BESCOM | Bengaluru | Bengaluru Urban | | | 555.0 | Existing Transformer overload | 10 | 388.5 | 156.5 | |
| 2 | Kolala:<br>Replacing 1x8 MVA,66/11kV by 1x 12.5 MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Tumakuru | | | 136.5 | Existing Transformer overload | 5 | 95.6 | 36.0 | |
| 3 | Thovinakere:<br>Replacement of 1x12.5MVA, 66/11kV by 1x 20MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Tumakuru | | | 177.1 | Existing Transformer overload | 1 | 123.9 | 52.1 | |
| 4 | Ankasandra:<br>Providing Additional 1x8MVA, 66/11kV Power Transformer at 66/11kV Station. | BESCOM | Tumakuru | Tumakuru | | | 112.4 | Existing Transformer overload | 100 | 6.4 | 6.0 | |
| 5 | Kolala:<br>Replacing 2nd 1x8 MVA, 66/11kV by 1x 12.5 MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Tumakuru | | | 139.1 | Existing Transformer overload | 50 | 69.5 | 19.5 | |
| 6 | Bellavi:<br>Replacing 1x12.5MVA Power Trnasformer-1 by 1x20MVA Power Transformer at 66/11kV Bellavi Substation | BESCOM | Tumakuru | Tumakuru | | | 203.5 | Existing Transformer overload | 50 | 142.4 | 11.0 | |
| 7 | Heggere:<br>Providing additional 1x8MVA Power Transformer at 66/11kV Substation | BESCOM | Tumakuru | Tumakuru | | | 273.1 | Existing Transformer overload | 100 | 136.6 | 36.6 | |
| 8 | Tavarekere:<br>Replacing 1x8MVA, 66/11kV Power transformer-1 by 1x12.5MVA 66/11kV Power transformer | BESCOM | Tumakuru | Tumakuru | | | 142.3 | Existing Transformer overload | 50 | 71.1 | 21.1 | |
| 9 | Koratagere:<br>Replacement of 1x 12.5MVA 66/11kV Power Transformer by 1x 20 MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Tumakuru | | | 206.3 | Existing Transformer overload | 100 | 103.2 | 3.2 | |
| 10 | Thimmasandra: Replacing1x8MVA, 66/11kV by 1x 12.5MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Tumakuru | | | 136.4 | Existing Transformer overload | 50 | 68.2 | 18.2 | |
| 11 | Hebbur:<br>Replacing 1x12.5 MVA, 66/11kV by 1x 20 MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Tumakuru | | | 212.0 | Existing Transformer overload | 120 | 63.6 | 28.4 | |
| 12 | Sira:<br>Replacing 12.5MVA,66/11kV by 1x 20 MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Tumakuru | | | 214.0 | Existing Transformer overload | 100 | 107.0 | 7.0 | |
| 13 | Hirehaili:<br>For replacement of 1 x 12.5 MVA Tr.-1 by 1 X20 MVA Tr. at 66/11 KV Sub-station with 1IC+4F+1BC | BESCOM | Tumakuru | Tumakuru | | | 204.2 | Existing Transformer overload | 50 | 142.9 | 11.2 | |
| 14 | Yadiyur: For replacement of 1 x 6.3 MVA by 1 X 20 MVA Tr. at 66/11 KV Sub-station | BESCOM | Tumakuru | Tumakuru | | | 205.7 | Existing Transformer overload | 100 | 102.8 | 2.8 | |
| 15 | Kunigal: For replacement of 1 x 12.5 MVA Tr-2 by 1 X 20 MVA Tr. 1Bank + 4Feeders at 66/11 KV Sub-station | BESCOM | Tumakuru | Tumakuru | | | 204.5 | Existing Transformer overload | 100 | 102.3 | 2.3 | |
| 16 | Honnudike: Replacing 1x8 MVA-1 66/11kV by 1x 12.5 MVA, 66/11kV Transformer (2nd Tr.) | BESCOM | Tumakuru | Tumakuru | | | 145.0 | Existing Transformer overload | 50 | 72.5 | 22.5 | |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commence ment | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | | FY-19 | FY-20 | FY-21 | FY-22 |
| 17 | Kattige:<br>Providing additional 1x8MVA, 66/11kV Transformer | BESCOM | Tumakuru | Davanagere | | | 173.5 | Existing Transformer overload | | 30 | 86.7 | 33.9 | |
| 18 | Kundur:<br>Providing additional 1x8MVA, 66/11kV Transformer | BESCOM | Tumakuru | Davanagere | | | 174.7 | Existing Transformer overload | | 30 | 87.3 | 34.5 | |
| 19 | Davanagere:<br>Providing Spare 1x20MVA, 66/11kV Transformer at 220/66kV Davanagere SRS. | BESCOM | Tumakuru | Davanagere | | | 253.2 | System Improvement | | 1 | 177.3 | 75.0 | |
| 20 | Bidarekere:<br>Providing Additional 1x8MVA, 66/11kV Power Transformer. | BESCOM | Tumakuru | Davanagere | | | 179.0 | Existing Transformer overload | | 20 | 125.3 | 33.7 | |
| 21 | Obbajjihalli:<br>Providing Additional 1x8MVA, 66/11kV Power Transformer | BESCOM | Tumakuru | Davanagere | | | 179.0 | Existing Transformer overload | | 50 | 125.3 | 3.7 | |
| 22 | Avaregare:<br>Replacing 1x8MVA, 66/11kV by 1x 12.5MVA, 66/11kV Tranformer. | BESCOM | Tumakuru | Davanagere | | | 136.5 | Existing Transformer overload | | 100 | 27.3 | 9.2 | |
| 23 | Mayakonda:<br>Replacing 1x8MVA, 66/11kV by 1x 12.5MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Davanagere | | | 137.8 | Existing Transformer overload | | 100 | 27.6 | 10.3 | |
| 24 | Ucchagidurga:<br>Replacing 2x8MVA, 66/11kV by 2x12.5MVA, 66/11kV Transformer | BESCOM | Tumakuru | Tumakuru | | | 271.9 | Existing Transformer overload | | 135 | 27.2 | 19.2 | |
| 25 | Harapanahalli:<br>Replacing 1x12.5 MVA, 66/11kV by 1x 20 MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Davanagere | | | 201.5 | Existing Transformer overload | | 100 | 80.6 | 20.9 | |
| 26 | Bennihalli:<br>Replacing 1x6.3 MVA, 66/11kV by 1x 12.5 MVA, 66/11kV Tranformer. | BESCOM | Tumakuru | Davanagere | | | 140.1 | Existing Transformer overload | | 100 | 28.0 | 12.1 | |
| 27 | Halavagalu:<br>Replacing 2x6.3M VA, 66/11kV by 2x 12.5MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Davanagere | | | 274.7 | Existing Transformer overload | | 100 | 137.4 | 37.4 | |
| 28 | Telagi:<br>Replacing 2x6.3 MVA, 66/11kV by 2x12.5MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Davanagere | | | 272.8 | Existing Transformer overload | | 120 | 136.4 | 16.4 | |
| 29 | Sasuvehalli :<br>Replacing of 1x6.3 MVA 1x8MVA by 2x12.5MVA 66/11kv Power Transformer | BESCOM | Tumakuru | Davanagere | | | 273.9 | Existing Transformer overload | | 200 | 54.8 | 19.1 | |
| 30 | Bharamasagara: Providing Spare 1x12.5MVA, 66/11kV Transformer | BESCOM | Tumakuru | Chitradurga | | | 198.5 | System Improvement | | 5 | 139.0 | 54.6 | |
| 31 | Kanchipura:<br>Providing Additional 1x8 MVA, 66/11kV Power Transformer. | BESCOM | Tumakuru | Chitradurga | | | 183.7 | Existing Transformer overload | | 5 | 128.6 | 50.1 | |
| 32 | Mylanahalli :<br>Replacing 1x8 MVA, 66/11kV by 1x 12.5 MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Chitradurga | | | 142.4 | Existing Transformer overload | | 50 | 71.2 | 21.2 | |
| 33 | Thallak :<br>Replacing 1x6.3 MVA, 66/11kV by 1x 12.5 MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Chitradurga | | | 139.8 | Existing Transformer overload | | 50 | 69.9 | 19.9 | |
| 34 | Hanagal:<br>Replacing 1x8 MVA, 66/11kV by 1x12.5 MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Chitradurga | | | 156.7 | Existing Transformer overload | | 50 | 78.4 | 28.4 | |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 35 | Bannur :<br>Replacing 2nd 1x12.5MVA, 66/11kV by 1x20MVA, 66/11kV Transformer with additional SWG. | CESC | Mysuru | Mysuru | | | 248.3 | Existing Transformer overload | 1 | 149.0 | 98.3 | |
| 36 | Bhogadhi:<br>Providing Spare 1x20 MVA 66/11kV Transformer | CESC | Mysuru | Mysuru | | | 225.7 | System Improvement | 1 | 135.4 | 89.3 | |
| 37 | Jayapura:<br>Replacing 2nd 8MVA, 66/11kV by 12.5MVA, 66/11kV Transformer | CESC | Mysuru | Mysuru | | | 134.2 | Existing Transformer overload | 1 | 80.5 | 52.7 | |
| 38 | Hebbal :<br>Replacement of 2 X 12.5 MVA, 66/11 KV Power Transformer by 2 X 20 MVA . | CESC | Mysuru | Mysuru | | | 230.7 | Existing Transformer overload | 50 | 138.4 | 42.3 | |
| 39 | Dattagalli:<br>Replacing 1x5 MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer | CESC | Mysuru | Mysuru | | | 168.5 | Existing Transformer overload | 10 | 101.1 | 57.4 | |
| 40 | Hadli :<br>Providing additional 1x12.5MVA, 66/11kV Transformer | CESC | Mysuru | Mandya | | | 248.7 | Existing Transformer overload | 1 | 149.2 | 98.5 | |
| 41 | Addihalli:<br>Replacing 1X6.3MVA & 1X8MVA, 66/11kV Trs. by 2x12.5MVA, 66/11kV Trs. at Addihalli along with stringing of 2nd ckt 66kV line b/w 220kV K.R.Pet-Santhebachally and linking by 66kV SC line to Addihally Sub-station with construction of 2Nos of 66kV TBs at Santhebachahalli, One TB at Addihalli Sub-station and One TB at 220kV K.R.Pet station. | CESC | Mysuru | Mandya | | | 1216.7 | Existing Transformer overload | 300 | 500.0 | 416.7 | |
| 42 | Guddenahalli : Replacement of 1 X 6.3 MVA by 1 X 12.5 MVA 66/11kV Transformer. | CESC | Mysuru | Mandya | | | 158.9 | Existing Transformer overload | 1 | 95.3 | 62.5 | |
| 43 | Akkihebbal :<br>Replacement of 2 nd 8MVA by 12.5 MVA, 66/11kV Transformer. | CESC | Mysuru | Mandya | | | 178.6 | Existing Transformer overload | 1 | 107.2 | 70.4 | |
| 44 | Gamanahalli : Replacement of 1 X 8 MVA by 12.5 MVA, 66/11kV Transformer. | CESC | Mysuru | Mandya | | | 167.0 | Existing Transformer overload | 1 | 100.2 | 65.8 | |
| 45 | Mandagere :<br>Providing additional 1 X 12.5 MVA, 66/11 KV Power Transformer. | CESC | Mysuru | Mandya | | | 257.2 | Existing Transformer overload | 1 | 154.3 | 101.9 | |
| 46 | Mandya KIADB:<br>Replacing 1x12.5MVA, 66/11kV by 1x20MVA, 66/11kV Transformers with SWGs | CESC | Mysuru | Mandya | | | 272.3 | Existing Transformer overload | 1 | 163.4 | 107.9 | |
| 47 | Chinakurali :<br>Replacement of 1 X 8 MVA, 66/11 KV Power Transformer by 1 X 12.5 MVA, 66/11 KV. | CESC | Mysuru | Mandya | | | 156.2 | Existing Transformer overload | 1 | 93.7 | 61.5 | |
| 48 | Kadaballi :<br>Providing additional 1 X 12.5 MVA, 66/11 KV Power Transformer. | CESC | Mysuru | Mandya | | | 254.9 | Existing Transformer overload | 1 | 153.0 | 101.0 | |

**Capital works planned for 5th MYT period**

**Sub-station works- 400 kV**

| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR | | | Reason for taking up the work | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | | FY-19 | FY-20 | FY-21 | FY-22 |
| 49 | Adichunchangiri: Additional 1X12.5MVA 66/11kV Power Transformer | CESC | Mysuru | Mandya | | | 257.1 | Existing Transformer overload | 1 | 154.2 | 101.8 | |
| 50 | Chandakavadi : Replacing 2X8 MVA,66/11 KV transformers by 2X12.5 MVA transformers . | CESC | Mysuru | Chamarajanagara | | | 290.2 | Existing Transformer overload | 175 | 58.0 | 57.1 | |
| 51 | Hanur :<br>Replacement of 1 X 8 MVA by 1 X 12.5 MVA, 66/11kV Transformer. | CESC | Mysuru | Chamarajanagara | | | 158.6 | Existing Transformer overload | 1 | 95.2 | 62.5 | |
| 52 | Begur :<br>Replacing the existing 2nd 8MVA Tr. By 12.5MVA Transformer. | CESC | Mysuru | Chamarajanagara | | | 178.5 | Existing Transformer overload | 1 | 107.1 | 70.4 | |
| 53 | Kunthur: Providing additional 1x8MVA, 66/11kV Power Tr. | CESC | Mysuru | Chamarajanagara | | | 235.3 | Existing Transformer overload | 10 | 141.2 | 84.1 | |
| 54 | Bandalli: Providing additional 1x8MVA, 66/11kV Power Tr. | CESC | Mysuru | Chamarajanagara | | | 265.2 | Existing Transformer overload | 10 | 159.1 | 96.1 | |
| 55 | Kogali:<br>Providing additional 1x8MVA, 66/11kV Transformer | GESCOM | Kalaburagi | Bellary | | | 178.2 | Existing Transformer overload | 1 | 50.0 | 127.2 | |
| 56 | Sovenahalli:<br>Providing additional 1x8MVA, 66/11kV Transformer | GESCOM | Kalaburagi | Bellary | | | 178.5 | Existing Transformer overload | 1 | 50.0 | 127.5 | |
| 57 | Banavikallu:<br>Providing additional 1x8MVA, 66/11kV Transformer | GESCOM | Kalaburagi | Bellary | | | 180.8 | Existing Transformer overload | 1 | 50.0 | 129.8 | |
| 58 | HB Halli:<br>Replacement of 1X 8MVA,66/11KV Transformer by 1X12.5MVA,66/11KV | GESCOM | Kalaburagi | Bellary | | | 136.5 | Existing Transformer overload | 1 | 50.0 | 85.5 | |
| 59 | Venkatapura: Repl of 1X8MVA by 1X12.5MVA, 66/11KV Trf at 66/11KV S/S Venkatapura | GESCOM | Kalaburagi | Bellary | | | 155.5 | Existing Transformer overload | 10 | 93.3 | 52.2 | |
| 60 | Hampasagara: Enhancement of 1X6.3MVA, 66/11KV Power Transformer by 1X12.5MVA, 66/11KV Power Transformer at 66/11KV Hampasagara Sub-station in H.B.Halli Taluk, Bellary District. | GESCOM | Kalaburagi | Bellary | | | 151.8 | Existing Transformer overload | 1 | 50.0 | 100.8 | |
| 61 | Ramnathapura:<br>Augmentation of 1x6.3MVA 66/11kV power transformer by 1x12.5 MVA 66/11 KV Power Transformer at 66/11 KV Ramanathapura S/s in Arakalagud Taluk, Hassan District. | CESC | Hassana | Hassana | | | 207.4 | Existing Transformer overload | 1 | 50.0 | 156.4 | |
| 62 | Bagur:<br>Replacement of 1 X 8 MVA, 66/11 KV Power Transformer by 1 X 12.5 MVA, 66/11 KV Power Transformer at 66/11 KV Bagur S/S in C. R. Patna Taluk | CESC | Hassana | Hassana | | | 166.9 | Existing Transformer overload | 1 | 50.0 | 115.9 | |
| 63 | Belur:<br>Replacement of 1x6.3MVA, 66/11kV Power Transformer-2 by 1x12.5MVA, 66/11 KV Power Transformer at 66/11KV Belur S/s in Belur Taluk, Hassan District | CESC | Hassana | Hassana | | | 152.7 | Existing Transformer overload | 1 | 50.0 | 101.7 | |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 64 | Rameshwaranagara:<br>Replacement of 2x8MVA, 66/11kV Power Transformer by 2x12.5MVA , 66/11KV Power Transformer at 66/11 KV Rameshwaranagara S/s in Hassan Taluk, Hassan District | CESC | Hassana | Hassana | | | 292.4 | Existing Transformer overload | 1 | 50.0 | 241.4 | |
| 65 | Basavaghatta<br>Replacement of 2x8MVA, 66/11kV Power Transformers by 2x12.5MVA 66/11KV Power Transformers at 66/11KV Basavaghatta S/s in Hassan Taluk, Hassan District | CESC | Hassana | Hassana | | | 282.1 | Existing Transformer overload | 1 | 50.0 | 231.1 | |
| 66 | Halebeedu:<br>Replacement of1x12.5MVA, 66/11kV Power Transformer by 1x20 MVA 66/11KV Power Transformer at 66/11KV Halebeedu S/s in Belur Taluk, Hassan District | CESC | Hassana | Hassana | | | 229.1 | Existing Transformer overload | 1 | 50.0 | 178.1 | |
| 67 | Singapura:<br>Enhancement of 1x8MVA, 66/11kV Power Transformer-2 by 1x12.5MVA 66/11 kV power transformer at 66/11kV Singapura S/s in Holenarasipura Taluk, Hassan District | CESC | Hassana | Hassana | | | 186.8 | Existing Transformer overload | 1 | 50.0 | 135.8 | |
| 68 | Shanivarsanthe:<br>Providing additional 1X8MVA, 66/11kV Power Transformer at 66/11kV at Shanivarasanthe Substatio Somavarpet Taluk. | CESC | Hassana | Hassana | | | 234.9 | Existing Transformer overload | 1 | 50.0 | 183.9 | |
| 69 | Panchanahalli :<br>Replacement of 1x6.3 MVA, 66/11 kV Power Transformer-2 by 12.5MVA, 6611 kV power transformer at 66/11kV Panchanahalli sub-station, in Kadur Taluk, Chikkamagalur District | MESCOM | Hassana | Chikkamagaluru | | | 277.3 | Existing Transformer overload | 1 | 50.0 | 226.3 | |
| 70 | Holaluru:<br>Replacement of 1x 8 MVA, 66/11KV Power transformer by 1x 12.5,66/11kV power transformer at 66/11kV Holalur S/s in Shivamogga taluk . | MESCOM | Hassana | Shimoga | | | 148.8 | Existing Transformer overload | 1 | 50.0 | 97.8 | |
| 71 | Hosur Gate :<br>Providing additional 1x8MVA, 66/11 KV Power Transformer at Hosur Gate S/s at Hunsur Taluk & Mysuru Dist. | CESC | Mysuru | Mysuru | | | 230.8 | Existing Transformer overload | 1 | 50.0 | 179.8 | |
| 72 | Gavadagere:<br>Providing additional 1x8MVA, 66/11kV Power Transformer at Gavadagere substation Hunsur Taluk Mysuru District. | CESC | Mysuru | Mysuru | | | 230.3 | Existing Transformer overload | 1 | 50.0 | 179.3 | |
| 73 | Replacement of 1 x 6.3 MVA, 66/11kV Power Transformer by 1 x 12.5 MVA, 66/11kV Power transformer at 66/11kV Magge Sub-station in Alur Taluk, Hassan District. | CESC | Hassana | Hassana | | | 145.8 | Existing Transformer overload | | 87.5 | 58.3 | |
| 74 | Providing additional 1x8MVA, 66/11kV Power Transformer with additional 11 kV switchgears 1I/C+3F+1C @ 66/11kV Bandishettyhally Sub-station, Holenarasipura Taluk, Hassan District | CESC | Hassana | Hassana | | | 217.0 | Existing Transformer overload | | 130.2 | 86.8 | |

**Capital works planned for 5th MYT period**

**Sub-station works- 400 kV**

| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR | | | Reason for taking up the work | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | | FY-19 | FY-20 | FY-21 | FY-22 |
| 75 | Mattanavile:<br>Augmentation of 1x8MVA, 66/11kV Power Transformer by 1x12.5MVA@Mattanavile S/s in Channarayapattana Taluk, Hassan District | CESC | Hassana | Hassana | | | 162.5 | Existing Transformer overload | | 97.5 | 65.0 | |
| 76 | Providing additional 1x8 MVA, 66/11 kV transformer at 66 kV Sokke sub-station. | BESCOM | Tumakuru | Davanagere | | | 329.0 | Existing Transformer overload | | 197.4 | 131.6 | |
| 77 | Augementation of existing 1x5 MVA by 1x12.5 MVA at 66/11 kV Venkatapura sub-station. | BESCOM | Tumakuru | Tumakuru | | | 144.0 | Existing Transformer overload | | 28.8 | 72.0 | 43.2 |
| 78 | Replacement of 1x12.5 MVA, 66/11 kV power transformer by 1x20 MVA, at 66/11 kV Pavagada sub-station. | BESCOM | Tumakuru | Tumakuru | | | 210.0 | Existing Transformer overload | | 42.0 | 105.0 | 63.0 |
| 79 | Hosakere_Madhugiri:<br>Replacing 1x8MVA, 66/11kV by 1x 12.5MVA,66/11kV Transformer. | BESCOM | Tumakuru | Tumakuru | | | 143.0 | Existing Transformer overload | | 28.6 | 71.5 | 42.9 |
| 80 | Replacement of 1x8 MVA, 66/11 kV power transformer by 1x12.5 MVA at 66/11 kV Nagalamadike sub-station. | BESCOM | Tumakuru | Tumakuru | | | 143.0 | Existing Transformer overload | | 28.6 | 71.5 | 42.9 |
| 81 | Replacement of 1x8 MVA, 66/11 kV power transformer by 1x12.5 MVA at 66/11 kV Holavanahalli sub-station. | BESCOM | Tumakuru | Tumakuru | | | 143.0 | Existing Transformer overload | | 28.6 | 71.5 | 42.9 |
| 82 | Replacement of 1x8 MVA, 66/11 kV power transformer by 1x12.5 MVA at 66/11 kV Pulamaghatta sub-station. | BESCOM | Tumakuru | Tumakuru | | | 143.0 | Existing Transformer overload | | 28.6 | 71.5 | 42.9 |
| 83 | Replacement of 1x8 MVA, 66/11 kV power transformer by 1x12.5 MVA at 66/11 kV Badavanahalli sub-station. | BESCOM | Tumakuru | Tumakuru | | | 143.0 | Existing Transformer overload | | 28.6 | 71.5 | 42.9 |
| 84 | Augementation of existing 1x6.3 MVA by 1x12.5 MVA at 66/11 kV Rampura sub-station. | BESCOM | Tumakuru | Tumakuru | | | 155.0 | Existing Transformer overload | | 31.0 | 77.5 | 46.5 |
| 85 | Augementation of existing 1x6.3 MVA by 1x12.5 MVA at 66/11 kV Turuvanur sub-station. | BESCOM | Tumakuru | Chitradurga | | | 150.0 | Existing Transformer overload | | 30.0 | 75.0 | 45.0 |
| 86 | Augementation of existing 1x12.5 MVA by 1x20 MVA at 66/11 kV Chitradurga sub-station. | BESCOM | Tumakuru | Chitradurga | | | 210.0 | Existing Transformer overload | | 42.0 | 105.0 | 63.0 |
| 87 | Augementation of existing 1x12.5 MVA by 1x20 MVA at 66/11 kV Aimangala sub-station. | BESCOM | Tumakuru | Chitradurga | | | 210.0 | Existing Transformer overload | | 42.0 | 105.0 | 63.0 |
| 88 | Replacement of 1x8 MVA, 66/11 kV power transformer by 1x12.5 MVA at 66/11 kV Chitrahalli sub-station. | BESCOM | Tumakuru | Chitradurga | | | 140.0 | Existing Transformer overload | | 28.0 | 70.0 | 42.0 |
| 89 | Replacement of 1x8 MVA, 66/11 kV power transformer by 1x12.5 MVA at 66/11 kV Sirigere sub-station. | BESCOM | Tumakuru | Chitradurga | | | 140.0 | Existing Transformer overload | | 28.0 | 70.0 | 42.0 |
| 90 | Replacement of 1x8 MVA, 66/11 kV power transformer by 1x12.5 MVA at 66/11 kV Balenahalli sub-station. | BESCOM | Tumakuru | Chitradurga | | | 140.0 | Existing Transformer overload | | 28.0 | 70.0 | 42.0 |
| 91 | Augementation of existing 1x12.5 MVA by 1x20 MVA at 66/11 kV Nayakanahatti sub-station. | BESCOM | Tumakuru | Chitradurga | | | 210.0 | Existing Transformer overload | | 42.0 | 105.0 | 63.0 |
| 92 | Augementation of existing 2x12.5 MVA by 2x20 MVA at 66/11 kV Bharamasagar sub-station. | BESCOM | Tumakuru | Chitradurga | | | 400.0 | Existing Transformer overload | | 80.0 | 200.0 | 120.0 |
| 93 | Replacement of 2x8 MVA, 66/11 kV power transformer by 2x12.5 MVA at 66/11 kV Hireguntur sub-station. | BESCOM | Tumakuru | Chitradurga | | | 288.0 | Existing Transformer overload | | 57.6 | 144.0 | 86.4 |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 94 | Replacement of 1x8 MVA, 66/11 kV power transformer-II by 1x12.5 MVA at 66/11 kV Kurubarahalli sub-station. | BESCOM | Tumakuru | Chitradurga | | | 144.0 | Existing Transformer overload | | 28.8 | 72.0 | 43.2 |
| 95 | Kanakapura : Providing 1X20MVA, 66/11kV Power transformer as a SPARE at Kanakapura 66/11kV S/s with associated bay equipments | BESCOM | Bengaluru | Ramanagara | | | 307.0 | System Improvement | | 61.4 | 153.5 | 92.1 |
| 96 | Erection of 1X20MVA spare power transformer by extending existing 66KV bay at 66/11 KV sub station, Gudemaranahalli in TL&SS Division, Nelamangala | BESCOM | Bengaluru | Ramanagara | | | 256.0 | System Improvement | | 51.2 | 128.0 | 76.8 |
| 97 | Bommasandra I/A: Providing 1X20MVA, 66/11kV Power transformer as a SPARE at Bommasandra I/A 66/11kV S/s with associated bay equipments | BESCOM | Bengaluru | Bengaluru Rural | | | 256.0 | Existing Transformer overload | | 51.2 | 128.0 | 76.8 |
| 98 | Augmentation of 2 No.s of existing 8 MVA, 66 /11 kV transformers by 2 X 12.5MVA 66/11 kV transformers at 220/66/11 kV T K Halli sub-station. | BESCOM | Bengaluru | Bengaluru Rural | | | 281.9 | Existing Transformer overload | | 56.4 | 141.0 | 84.6 |
| 99 | Providing additional 12.5 MVA Transformer-2 at 66/11 kV Sankalgere sub-station in Channapatna Taluk, Ramanagara District | BESCOM | Bengaluru | Ramanagara | | | 257.7 | Existing Transformer overload | | 51.5 | 128.8 | 77.3 |
| 100 | KGF :<br>Replacing 1x8MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 202.5 | Existing Transformer overload | | 40.5 | 101.3 | 60.8 |
| 101 | Bangarpet:<br>Replacing second 1x12.5MVA, 66/11kV by 1x20MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 212.2 | Existing Transformer overload | | 42.4 | 106.1 | 63.7 |
| 102 | Augmentation of 1x12.5MVA Power Transformer-I by 1x20MVA Power Transformer at 66/11KV Vemagal Sub-station in Kolar Taluk of TL & SS Division Kolar. | BESCOM | Bengaluru | Kolar | | | 189.2 | Existing Transformer overload | | 37.8 | 94.6 | 56.8 |
| 103 | Augmentation of 1x8MVA by 1x20MVA Power Transformer (Instead of DPR approved for replacement of 1X8MVA by 1x12.5MVA Power Transformer) at 66/11KV Addagal Sub-station in Srinivasapura Taluk, Kolar district. | BESCOM | Bengaluru | Kolar | | | 203.3 | Existing Transformer overload | | 40.7 | 101.6 | 61.0 |
| 104 | Augmentation of 2x20MVA Power Transformers by 2x31.5MVA Power Transformer at 66/11KV Koramangala Sub-station in Bengaluru. | BESCOM | Bengaluru | Bengaluru Urban | | | 537.6 | Existing Transformer overload | | 107.5 | 268.8 | 161.3 |
| 105 | Attur Yelahanka:<br>Providing additional 1x31.5 MVA, 66/11kV Transformer | BESCOM | Bengaluru | Bengaluru Urban | | | 250.0 | Existing Transformer overload | | 10.0 | 90.0 | 150.0 |
| 106 | 220kV R/S Gowribidanur: Additional 1x20 MVA, 66/11kV Transformer with 66kV Bay | BESCOM | Bengaluru | CB Pura | | | 200.0 | Existing Transformer overload | | 10.0 | 70.0 | 120.0 |
| 107 | Tamaka :<br>Replacing 1x12.5MVA, 66/11kV by 1x20MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 180.0 | Existing Transformer overload | | 10.0 | 50.0 | 120.0 |

**Capital works planned for 5th MYT period**

**Sub-station works- 400 kV**

| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR | | | Reason for taking up the work | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | | FY-19 | FY-20 | FY-21 | FY-22 |
| 108 | Pottery Road: Replacing1x20MVA,66/11kV by1x31.5MVA,66/11kV Transformer along with one incommer pannel | BESCOM | Bengaluru | Bengaluru Urban | | | 250.0 | Existing Transformer overload | | 5.0 | 95.0 | 150.0 |
| 109 | LR bande: Replacing1x20MVA,66/11kV by1x31.5MVA,66/11kV Transformer along with one incommer panel | BESCOM | Bengaluru | Bengaluru Urban | | | 250.0 | Existing Transformer overload | | 5.0 | 50.0 | 195.0 |
| 110 | Providing additional 1x20MVA Power Transformer in 66/11kV Elita station | BESCOM | Bengaluru | Bengaluru Urban | | | 200.0 | Existing Transformer overload | | 40.0 | 120.0 | 40.0 |
| 111 | Viduraswatha: Replacing 1x8MVA, 66/11kV by 1x20MVA, Power Transformer-II 66/11kV transformer at 66/11kV Muss Viduraswatha | BESCOM | Bengaluru | CB Pura | | | 200.0 | Existing Transformer overload | | 10.0 | 70.0 | 120.0 |
| 112 | Providing additional 31.5MVA transformer at BTM 4th phase | BESCOM | Bengaluru | Bengaluru Urban | | | 250.0 | Existing Transformer overload | | 50.0 | 150.0 | 50.0 |
| 113 | Providing 1X12.5MVA, 66/11kV Power transformer as a SPARE at Ganjigunte 66/11kV S/s with associated bay equipments | BESCOM | Banagaluru | Chikkaballapura | | | 180.0 | System Improvement | | 5.0 | 75.0 | 100.0 |
| 114 | D Cross: Providing 1X12.5MVA, 66/11kV Power transformer as spare power transformer with associated bay at D-cross s/s | BESCOM | Banagaluru | Bengaluru Rural | | | 180.0 | System Improvement | | 5.0 | 75.0 | 100.0 |
| 115 | Erection of 1X20MVA spare power transformer by extending existing 66KV bay at 66/11 KV sub station, Gudemaranahalli in TL&SS Division, Nelamangala | BESCOM | Bengaluru | Ramnagar | | | 200.0 | System Improvement | | 40.0 | 120.0 | 40.0 |
| 116 | Erection of 1X20MVA spare power transformer by extending existing 66KV bay at 66/11 KV sub station, Kodigehalli in TL&SS Division, Nelamangala | BESCOM | Bengaluru | Bengaluru Urban | | | 200.0 | System Improvement | | 40.0 | 120.0 | 40.0 |
| 117 | Goppenhalli:<br>Replacing 1x8MVA, 66/11kV by 1x 12.5MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Davanagere | | | 180.0 | Existing Transformer overload | | 36.0 | 108.0 | 36.0 |
| 118 | Challakere:<br>Providing Additional 1x12.5 MVA, 66/11kV Power Transformer. | BESCOM | Tumakuru | Chitradurga | | | 180.0 | Existing Transformer overload | | 5.0 | 75.0 | 100.0 |
| 119 | Hosadurga:<br>Replacing 1x12.5 MVA, 66/11kV by 1x 20 MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Chitradurga | | | 200.0 | Existing Transformer overload | | 5.0 | 75.0 | 120.0 |
| 120 | Bevinahalli:<br>Replacing 1x8MVA, 66/11kV by 1x 12.5MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Tumakuru | | | 180.0 | Existing Transformer overload | | 36.0 | 108.0 | 36.0 |
| 121 | Replacement of existing 1x8 MVA power transformer-1 by 1x20 MVA power transformer and 1x8 MVA power transformer-2 by 1x12.5 MVA power transformer at 66/11 kV Anagodu sub-station in Davanagere Taluk, Davanagere District- | BESCOM | Tumakuru | Davanagere | | | 200.0 | Existing Transformer overload | | 5.0 | 95.0 | 100.0 |
| 122 | Replacement of existing 1x8 MVA power transformer-1 by 1x20 MVA power transformer at 66/11 kV Kora sub-station in Tumakuru Taluk, Tumakuru District | BESCOM | Tumakuru | Tumakuru | | | 200.0 | Existing Transformer overload | | 5.0 | 95.0 | 100.0 |

| Capital works planned for 5th MYT period<br>Sub-station works- 400 kV | | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR | | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | | FY-19 | FY-20 | FY-21 | FY-22 |
| 123 | Providing additional 1x12.5 MVA, 66/11 kV Power Transformer at 220/66/11 kV Station Neelagunda in Harapanahalli Taluk, Davanagere District | BESCOM | Tumakuru | Davanagere | | | 180.0 | Existing Transformer overload | | | 5.0 | 75.0 | 100.0 |
| 124 | Replacement of 1x8 MVA, 66/11 kV Power Transformer-II by 1x12.5 MVA, 66/11 kV Power Transformer at 66/11kV Station at Kurubarahalli in Harihara Taluk, Davanagere District | BESCOM | Tumakuru | Davanagere | | | 180.0 | Existing Transformer overload | | | 36.0 | 108.0 | 36.0 |
| 125 | Replacement of existing 1x8 MVA power transformer 2 by 1x12.5 MVA power transformer with 2 No.s of additional 11 kV Switchgears at 66/11 kV Garaga sub-station in Hosadurga Taluk, Chitradurga District. | BESCOM | Tumakuru | Chitradurga | | | 180.0 | Existing Transformer overload | | | 5.0 | 75.0 | 100.0 |
| 126 | Replacement of existing 1x8 MVA power transformer by 1x12.5 MVA power transformer at 66/11 kV Nyamathi Sub-station in Honnali Taluk, Davanagere District. | BESCOM | Tumakuru | Davanagere | | | 180.0 | Existing Transformer overload | | | 5.0 | 75.0 | 100.0 |
| 127 | Replacement of existing 1x8 MVA power transformer-1 by 1x12.5 MVA power transformer at 66/11 kV sub-station Mavinakatte in Davanagere Taluk, Davanagere District. | BESCOM | Tumakuru | Davanagere | | | 180.0 | Existing Transformer overload | | | 5.0 | 75.0 | 100.0 |
| 128 | For replacement of existing 1x6.3 MVA power transformer-1 by 1x12.5 MVA power transformer at 66/11 kV Benkikere sub-station in Channagiri Taluk, Davanagere District | BESCOM | Tumakuru | Davanagere | | | 180.0 | Existing Transformer overload | | | 5.0 | 75.0 | 100.0 |

**Capital works planned for 5th MYT period**

**Sub-station works- 400 kV**

| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR | | | Reason for taking up the work | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | | FY-19 | FY-20 | FY-21 | FY-22 |
| 129 | Providing additional 1x8 MVA, 66/11 kV transformer at 220/66/11KV Sub-station, Mugalavalli in Chikkamagalure Taluk, Chikkamagalure District. | MESCOM | Hassana | Chikkamagalur | | | 150.0 | Existing Transformer overload | | 30.0 | 90.0 | 30.0 |
| 130 | Providing spare 1x12.5 MVA, 66/11 kV transformer at 220/66/11KV Sub-station, Mugalavalli in Chikkamagalure Taluk, Chikkamagalure District. | MESCOM | Hassana | Chikkamagalur | | | 150.0 | System Improvement | | 30.0 | 90.0 | 30.0 |
| 131 | Providing spare 1x12.5 MVA, 66/11 kV transformer at 66/11KV Sub-Station, Juttanahalli in Channarayapatna Taluk, Hassan District. | CESC | Hassana | Hassan | | | 150.0 | System Improvement | | 30.0 | 90.0 | 30.0 |
| 132 | Enhancement of 1x5MVA, 66/11kV Power Transformer-1 by 1x8MVA, 66/11kV Power Transformer along with additional two numbers SWGs (one number in each 11kV Bank) with strengthening of 11kV ODS and Providing Metering & Protection to 66kV Incoming line and strengthening of 66kV ODS (replacement of existing coyote conductor by drake) with necessary civil works (viz replacement of un even and un-sized jelly as per standards and formation of Cable duct) at 66/11kV Hallymysore sub-station in Holenarasipura Taluk, Hassan District. | CESC | Hassana | Hassan | | | 200.0 | Existing Transformer overload | | 10.0 | 90.0 | 100.0 |
| 133 | Doddainduvadi : Replacing 1X8 MVA,66/11 KV transformers by 1X12.5 MVA transformers. | CESC | Mysuru | Chamarajanagar | | | 180.0 | Existing Transformer overload | | 10.0 | 70.0 | 100.0 |
| 134 | Madhuvanahalli : Replacing 1X6.3 MVA,66/11 KV transformers by 1X12.5 MVA transformers . | CESC | Mysuru | Chamarajanagar | | | 113.0 | Existing Transformer overload | | 22.6 | 67.8 | 22.6 |
| 135 | Sathegala : Replacing 1X6.3 MVA,66/11 KV transformers by 1X12.5 MVA transformers . | CESC | Mysuru | Chamarajanagar | | | 150.0 | Existing Transformer overload | | 30.0 | 90.0 | 30.0 |
| 136 | Yelandur : Replacing 2 nd 8 MVA,66/11 KV transformers by 1X12.5 MVA transformers . | CESC | Mysuru | Chamarajanagar | | | 120.0 | Existing Transformer overload | | 24.0 | 72.0 | 24.0 |
| 137 | Chunchanakatte: Providing additional 1x8MVA, 66/11kV Power Tr. | CESC | Mysuru | Mysuru | | | 150.0 | Existing Transformer overload | | 30.0 | 90.0 | 30.0 |
| 138 | Berya: Providing additional 1x8MVA, 66/11kV Power Tr. | CESC | Mysuru | Mysuru | | | 150.0 | Existing Transformer overload | | 30.0 | 90.0 | 30.0 |
| 139 | Hura: Providing additional 1x8MVA, 66/11kV Power Tr. | CESC | Mysuru | Mysuru | | | 180.0 | Existing Transformer overload | | 10.0 | 70.0 | 100.0 |
| 140 | Antharasanthe: Providing additional 1x8MVA, 66/11kV Power Tr. | CESC | Mysuru | Mysuru | | | 150.0 | Existing Transformer overload | | 30.0 | 90.0 | 30.0 |
| 141 | B.Matkere: Providing additional 1x8MVA, 66/11kV Power Tr. | CESC | Mysuru | Mysuru | | | 150.0 | Existing Transformer overload | | 30.0 | 90.0 | 30.0 |
| 142 | Ramapura : Replacement of 2X8MVA, 66/11kV Power Tr. By 2X12.5MVA Tr. | CESC | Mysuru | Chamarajanagara | | | 226.0 | Existing Transformer overload | | 10.0 | 116.0 | 100.0 |

| Capital works planned for 5th MYT period | | | | | | | | | Budget required | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sub-station works- 400 kV** | | | | | | | | | | | | |
| | | | | | As per DPR | | | | | | | |
| Sl. No | Name of the work | Beneficiary ESCOMs | Zone | District | Scheduled year of commencement | Scheduled year of completion | Cost to be incurred | Reason for taking up the work | FY-19 | FY-20 | FY-21 | FY-22 |
| 143 | Martalli : Providing additional 1x8MVA, 66/11kV Power Tr. | CESC | Mysuru | Chamarajanagara | | | 150.0 | Existing Transformer overload | | 10.0 | 50.0 | 90.0 |
| 144 | DMG Halli :<br>Replacement of 1 X 8 MVA, 66/11 KV Power Transformer by 1 X 12.5 MVA | CESC | Mysuru | Mysuru | | | 120.0 | Existing Transformer overload | | 24.0 | 72.0 | 24.0 |
| 145 | Nanjangud :<br>Replacement of 1 X 8MVA, 66/33 KV Power Transformer by 1 X 12.5 MVA, 66/33/11 KV. | CESC | Mysuru | Mysuru | | | 120.0 | Existing Transformer overload | | 24.0 | 72.0 | 24.0 |
| 146 | Doora:<br>Providing additional 1x8MVA, 66/11kV Power Tr. | CESC | Mysuru | Mysuru | | | 150.0 | Existing Transformer overload | | 10.0 | 50.0 | 90.0 |
| 147 | Megalapura :<br>Replacement of 2nd 8MVA, 66/11kV Power Tr. By 12.5MVA Tr. | CESC | Mysuru | Mysuru | | | 120.0 | Existing Transformer overload | | 24.0 | 72.0 | 24.0 |
| 148 | K.Honnalagere:<br>Replacement of 2 X 8 MVA, 66/11 KV Power Transformer by 2 X 12.5 MVA, 66/11 KV. | CESC | Mysuru | Mandya | | | 226.0 | Existing Transformer overload | | 10.0 | 50.0 | 166.0 |
| 149 | 66KV S/S Hoovinahadagali: Augumentation 6.3MVA by 12.5 MVA Trf | GESCOM | Kalaburagi | Ballari | | | 180.0 | Existing Transformer overload | | 36.0 | 108.0 | 36.0 |
| **Other works-66 kV** | | | | | | | | | | | | |
| 1 | Chikkamagalur:<br>Providing of 2Nos. of 66kV SF6 CB to Incoming lines from 220kV R/S Mugluvalli (Chikkamagalur) & 2Nos of 66kV SF6 CB to Incoming lines from Bhadra including 2Nos. bay at Chikkamagalur Sub-Station | MESCOM | Hassana | Chikkamagaluru | | | 211.33 | System Improvement | 50 | 147.931 | 13.399 | |
| 2 | Audugodi GIS: Conversion of existing 66/11 kV Audugodi substation(AIS) to GIS substation | BESCOM | Bengaluru | Bangalore Urban | | | 4483 | System Improvement | | 500 | 2241.5 | 1741.5 |
| **TOTAL Rs. in Crores** | | | | | | | **6941.5** | | **106.3** | **1061.1** | **2174.3** | **2808.3** |

## Capital Works planned for 5th MYT period

**Proposed capital investment plan for FY 20-22**

| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | | |
| **Completed works** | | | | | | | | | | | | | |
| **Sub-station works-400 kV** | | | | | | | | | | | | | |
| 1 | Jagalur (Hiremallanahole):<br>a) Establishing 2x500MVA,400/220 KV partly GIS S/S i.e., 400kV GIS and 220kV AIS with associated 400kV lines.<br>b) 220kV DC Line to Thallak, Chitradurga & Kudligi along with 220kv TB's | BESCOM | Tumakuru | Davanagere | | | 28440.49 | 2016 | 2018-19 | 17149.62 | 9706 | Forest clearence to be obtained for 400k transmission line. online Proposal Submitted : 07.03.2018. Proposal is pending in Government of Karnataka. | 1584.87 |
| 2 | Doni 400kV (Gadag):<br>Establishing 2x500MVA, 400/220kV Station with associated 440kV & 220kV link lines for a distance of 26.798Kms | HESCOM | Bagalkote | Gadag | | | 17738.35 | 2016 | 2018-19 | 12459.49 | 2253 | 500MVA Transformer-I ,Commissioned on 17-Oct-2018<br>500MVA Transformer-II, Commissioned on 20-Oct-2018<br>400kV line commissioned on 16-Oct-2018.<br>220kV line commissioned on 23-Oct-2018.<br>Delay due to local ROW issues | 3025.86 |
| **Transmission line works-400 kV** | | | | | | | | | | | | | |
| 1 | **YTPS to 400kV Bellary pooling station (BPS):**<br>Construction of 400kV DC Line with Quad Moose Conductor from YTPS to Proposed 400kV Bellary pooling station (BPS) for a distance of 142.49Kms | GESCOM | **Kalaburagi** | Raichur | | | 51500.42 | 2015 | 2018-19 | 37365.35 | 10156 | Commissioned on 04-May-2018. Delay due to ROW issues | 3979.07 |
| **Augmentation works-400 kV** | | | | | | | | | | | | | |
| 1 | Nelamangala 400kV:<br>Providing additional 3rd 500MVA, 400/220kV three phase Power ICT with associated equipments for a distance of 3.06 kms | BESCOM | Bengaluru | Bengaluru Rural | | | 4177.12 | 2011 | Commissioned | 3953.86 | 100 | Slow progress by the agency | 123.26 |
| **Other sub-station works-400 kV** | | | | | | | | | | | | | |
| 1 | **400kV R/S Hoody:**<br>Providing 63MVAR Bus Reactor at 400/220kV Station. | BESCOM | **Bengaluru** | Bengaluru Urban | | | 726.2 | 2011 | 2018-19 | 267.8 | 200.0 | Slow progress by the agency | 258.4 |
| 2 | **Nelamangala:**<br>Providing 63MVAR Bus Reactor at 400/220kV Station. | BESCOM | **Bengaluru** | Bengaluru Rural | | | 641.7 | 2011 | 2018-19 | 232.9 | 170.0 | Slow progress by the agency | 238.8 |
| **Sub-station works-220 kV** | | | | | | | | | | | | | |

Completed works

| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | | |
| 1 | Koramangala:<br>Establishing 220/66/11kV GIS substation at Kormangala with 220 kV 1000 sqmm LILO UG cable from existing HSR-NIMHANS UG cable with associated 66kV lines. | BESCOM | Bengaluru | Bengaluru Urban | | | 18047.93 | 2017 | 2018-19 | 3881.96 | 10500 | Target date is 05-Nov-2018. will be commission shortly | 3666.0 |
| 2 | ITI :<br>Establishing 2x150 MVA, 220/66/11kV GIS substation at ITI with 220kV DC 1200 sq mm Copper single core XLPE UG cable from existing Hoody-Hebbal for a route length of 2.607Kms along with associated 66kV line. | BESCOM | Bengaluru | Bengaluru Urban | | | 19711.21 | 2017 | 2018-19 | 5177.66 | 11000 | Target date is 05-Nov-2018. will be commission shortly | 3533.6 |
| 3 | Hoskote:<br>a) Establishing 2x100MVA, 220/66kV Station with 220/66kV MC line from BIAL with 220kV TB at BIAL<br>b) Hoskote 220KV LILO line from Hoody-Kolar line<br>c) 66KV SC line from Hoskote to Mandur, Pillaguppa-sulibele line to Nandagudi, 66 kV TB at Nandagudi & BIAL<br>d) Hoskote to Tower no5 of existing Pillagumpa-Sulibele 66kV line and Tower no5 of existing Pillagumpa-Sulibele 66kV line to Hoskote s/s<br>1) 21.03 Kms<br>2) 13.12 Kms<br>3) 10.25 Kms<br>4) 10.28 Kms. | BESCOM | Bengaluru | Bengaluru Rural | | | 7475.45 | 2007 | Commissioned | 6686.78 | 250 | Station commissioned on 19-Feb-2009.<br>220kV LILO line and 66kV lines work short closed. Balance woks to be tendered.<br>Delay due to ROW issues for constructing transmission line. | 538.7 |
| 4 | Dobbaspet (Nelamangala):<br>a) Establishing 2x100MVA, 220/66kV Station with 220kV LILO of Kadur - Nelamangala<br>b) 66kV lines to Nelamangala & Kolala Sub-Station upto loc 65<br>c) Construction of 66kV SC line on DC towers from Dabaspet to Kolala from location 66 to 99 for a distance of 5.856 ns | BESCOM | Bengaluru | Bengaluru Rural | | | 5416.94 | a) 2007<br>b) 2007<br>c) 2013 | Commissioned | 4618.51 | 40 | Substation commissioned on 31-Mar-2009<br>66kV lines to Nelamangala & Kolala Sub-Station upto loc 65 commissioned on 26-May-2011<br>Dabus pet Kolalline : delay due to ROW issues | 758.4 |

| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | | |
| **Completed works** | | | | | | | | | | | | | |
| 5 | Pavagada:<br>Establishing 2x100MVA, 220/66kV Station with associated lines for a distance of 120.00 Kms. | BESCOM | Tumakuru | Tumakuru | | | 9473.37 | 2013 | 2018-19 | 5700.17 | 3000 | Commissioned on 30-Nov-2018.<br>Delay due to ROW issue for constructing transmission line. | 773.2 |
| 6 | Mangalore SEZ:<br>Establishing 2x100MVA, 220/110kV and 2x20MVA, 110/11kV Station at MSEZ near Bajpe in Mangalore taluk along with associated lines for a distance of 6.854Kms | MESCOM | Hassana | Dakshina Kannada | | | 3855.62 | 2011 | Commissioned | 3720.98 | 100 | Commissioned on 30-Dec-2014. Delay due to ROW issues for constructing transmission line.<br>Construction of 110kV lines pending due to ROW issues. | 34.6 |
| 7 | Chikkamagalur:<br>Part A Establishing 2 x 100MVA, 220/66KV Substation & 1 x 12.5 MVA 66/11 KV Sub Station at Chikkamagalur and Construction of 220KV DC line for a length of 28.55 Kms from 220KV Shimoga-Mysuru DC line to the proposed 220/66KV S/S at Chikkamagalur on PTK Basis<br>Part B<br>Construction of 66KV Evacuation lines from the proposed 220KV Station at Chikkamagalur<br>1) Chikkamagalur to Hassana DC line: 0.6 Kms<br>2) Chikkamagalur MC line : 0.74Kms<br>3) 66KV DC line from proposed 66KV MC line to Balehonnur (Mattavara Limits): 7.8 Kms | MESCOM | Hassana | Chikkamagalu ru | | | 5286.74 | 220KV S&L 2008<br>Eva-line 2007 | Commissioned | 4437.65 | 10 | Station commissioned on 28-Oct-2011.<br>Delay due to ROW issues for constructing transmission line.<br>Construction of 66kV lines pending due to ROW issues. | 839.1 |
| **Transmission line works-220 kV** | | | | | | | | | | | | | |
| 1 | Vasanthanarasapura to Madhugiri:<br>Construction of 220kV DC line with Moose ACSR from PGCIL Station at Vasanthanarasapura to existing 220kV station at Madhugiri along with terminal | BESCOM | Tumakuru | Tumakuru | | | 7945.94 | 2015 | 2018-19 | 6488.82 | 1149 | Delay due to KIADB issue. (land to be aquired by KIADB) | 308.12 |

| Completed works | | | | | | | | | | | | | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR/DWA | | | As per Actuals | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | Reason for delay in commencement if any | |
| 2 | HAL Project:<br>a) Construction of 220/220KV MC line for Shifting of Existing 220KV B1,B2 & B3,B4 Lines at proposed HALpremises<br>b) Construction of 110KV D/C line with NBT for the shifting of existing 110KV S/C Nittur-Doddaguni line at Prposed HAL premises near Bidarehalli Kaval village limits in Gubbi taluk in Tumakuru District. | BESCOM | Tumakuru | Tumakuru | | | 6925.32 | 2016 | 2018-19 | 4370.78 | 1500 | 220kV line commissioned on 11-Sep-2018. 110kV line work under progress.<br>Delay due to Forest clearence. | 1054.54 |
| 3 | Hassana:<br>a) Re-orientation of 220kV & 66kV lines from Hassana 220kV Station.<br>b) Shifting of 220kV B-4 LILO line passing through Airport Land near Bhoovanahalli Cross.<br>c) Providing 2Nos of 66kV TB's for C R Patna 66kV DC line at 220kV/66KV R/S Hassana for a distance of 66kV 7.8/220kV 17.68Kms | CESC | Hassana | Hassana | | | 1850.18 | 2007 | 2018-19 | 1176.34 | 100 | ROW issues for constructing transmission line | 573.84 |
| **Sub-station augmentation- 220 kV** | | | | | | | | | | | | | |
| 1 | Naganathapura:<br>Augumentation of 2x100 MVA, 220/66/11kV Power Transformer by 2x150MVA, 220/66/11kV Power Transformers at 220/66/11kV Naganathapura Receiving Station, Bangalore South Taluk, Bangalore Urban District. | BESCOM | Bengaluru | Bengaluru Urban | | | 1777.57 | 2018 | 2018-19 | 0 | 492 | Target date is 19-Mar-2019 | 1285.57 |
| **Other works-220 kV** | | | | | | | | | | | | | |
| 1 | Singanayakanahalli: Construction of 4Nos of 220kV Bays for KPTCL lines. | BESCOM | Bengaluru | Bengaluru Urban | | | 761.93 | 2010 | Commissione | 742.31 | 5 | Commissioned (DCW work) | 14.62 |
| 2 | Somanahalli:<br>R&M works at Somanahalli 220/66kV Station | BESCOM | Bengaluru | Bengaluru Urban | | | 2016.71 | 2012 | 2018-19 | 1312.02 | 500 | Delay due line clear issues | 204.69 |
| 3 | KIADB DB Pura:<br>R & M works at 220/66kV KIADB DB Pura Station for a distance of 0.56 | BESCOM | Bengaluru | Bengaluru Rural | | | 3072.66 | 2014 | 2018-19 | 2120.36 | 600 | Delay due line clear issues | 352.3 |

**Completed works**

| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | | |
| 4 | Renovation and Upgradation of Protection systems of 220kV Substations (12 Nos) in Kalaburagi Transmission Zone | GESCOM | Kalaburagi | Kalaburagi | | | 1436.37 | 2015 | 2018-19 | 602.28 | 160 | Works under progress.<br>Delay due to slow progress by the agency and line clear issues. | 674.09 |
| 5 | Chikkodi 220kV R/S: Construction of 2 Nos of 220kV TBs at 220kV Chikkodi S/s for Terminating 220kV Ghataprabh-Chikkodi DC line. | HESCOM | Bagalkote | Belgaum | | | 362.32 | | 2018-19 | 0 | 1 | Twice tendered no particepents.<br>Hence decided to be tendered with additional 3rd 100MVA | 361.32 |
| **Sub-station works-110 kV** | | | | | | | | | | | | | |
| 1 | **Karaya:**<br>Establishing 2x10MVA, 110/11kV Sub-Station with SC line from VIT College for a distance of 15.00 Kms. | MESCOM | **Hassana** | Dakshina Kannada | | | 1574.05 | 2008 | Commissioned | 1401.82 | 25 | Commissioned on 16-Apr-2014.<br>Delay due to ROW issues for constructing transmission line. | 147.231 |
| 2 | **Mcgann Hospital;**<br>Establishing 1x10MVA,110/11KV S/S at McGann Hospital premises in Shivamogga Dist with running of 110kV , 240Sqmm XLPE Copper U.G.Cable single circuit with one spare cable (4Runs) for a dist of 2.123Kms from 110/11kV Alkola S/S to the proposed 110/11kV S/S MC Gann Hospital with construction of 1No of TB at Alkola S/S . | MESCOM | **Hassana** | Shimoga | | | 1540.2 | Stn:2018<br>Line:2018 | 2018-19 | 0 | 1000 | Target date is 14-Mar-2019 | 540.2 |

| Completed works | | | | | | | | | | | | | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR/DWA | | | As per Actuals | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | Reason for delay in commencement if any | |
| 3 | **Garag (Shedabal):** Establishing 2x10MVA, 110/11kV Sub-Station with associated line for a distance of 4.598Kms | HESCOM | **Bagalkote** | Dharwad | | | 1080.62 | 2017 | 2018-19 | 337.06 | 600 | Commissioned on 25-Aug-2018 (Targety date 15-Sep-2018) | 143.56 |
| 4 | **Belavanaki:** Establishing 1x10MVA, 110/11kV Sub-Station with associated line for a distance of 22.27Kms | HESCOM | **Bagalkote** | Gadag | | | 1244.66 | 2017 | 2018-19 | 339.52 | 700 | Commissioned on 30-Oct-2018 ()tyager date 06-Jun-2018). Delay due to ROW issues for constructing transmission line | 205.14 |
| 5 | **Islampur:** Establishing 1x10MVA, 110/11kV Sub-Station with associated line for a distance of 7.875Kms | HESCOM | **Bagalkote** | Belgaum | | | 998.81 | 2018 | 2018-19 | 22.27 | 600 | Commissioned on 31-Oct-2018 (target date 03-Oct-2018() | 376.54 |
| 6 | **Kakamari:** Establishing 1x10MVA, 110/11kV Sub-Station with associated line & TB. | HESCOM | **Bagalkote** | Belgaum | | | 922.03 | 2018 | 2018-19 | 25.38 | 600 | ROW issues for constructing transmission line | 296.65 |
| 7 | **Aratagal(Kitadal):** Establishing 2x10MVA, 110/11kV Sub-Station with associated line & TB for a distance of 8.574Kms | HESCOM | **Bagalkote** | Belgaum | | | 1002.44 | 2017 | 2018-19 | 0 | 600 | Target date is 19-Dec-2018 | 402.44 |
| 8 | **Morab:** Establishing 2x10MVA 110/11kV Sub-Station with associated line for a distance of 7.526Kms | HESCOM | **Bagalkote** | Belgaum | | | 1037.64 | 2016 | 2018-19 | 646.72 | 310 | Commissioned on 12-Dec-2018. Delay due to loacal ROW issues and Court case for constructing transmission line | 80.92 |
| 9 | **Talikote:** Up-gradiation of existing 33/11kV S/s to 2x10MVA, 110/11kV Sub-Station with associated line for a distance of 17.557Kms | HESCOM | **Bagalkote** | Bijapur | | | 1403.29 | 2017 | 2018-19 | 214.28 | 800 | Local ROW issues (Standing crop) for constructing transmission line | 389.01 |
| 10 | **Rodagi (Khedagi cross) :** Establishing 1x10MVA, 110/11kV Sub-Station with associated line for a distance of 10.969 | HESCOM | **Bagalkote** | Bijapur | | | 903.25 | 2017 | 2018-19 | 148.73 | 600 | Local ROW issues (Standing crop) for constructing transmission line | 154.52 |
| 11 | **Adavi Amareshwara:** Establishing 1x10MVA, 110/11kV Sub-Station with associated line | GESCOM | **Kalaburagi** | Raichur | | | 541.76 | 2017 | 2018-19 | 0 | 500 | Target date is 19-Dec-2018 | 41.76 |
| **Transmission line works-110 kV** | | | | | | | | | | | | | |
| 1 | Kibbanhalli - CN Hally - Huliyar : Construction of 110kV DC line in the new corridor from 220kV K.B.Cross to Thimmanahally tapping point for a distance of 26 Kms | BESCOM | Tumakuru | Tumakuru | | | 975.5 | 2010 | 2018-19 | 654.4 | 200 | ROW issues at 2 Locations | 121.1 |

| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | | |
| **Completed works** | | | | | | | | | | | | | |
| 2 | 110/11KV MUSS Thirthahalli LILO:<br>1) Construction of 110kV, 0.523KM LILO Line tapping from 110kV SK line to the existing 110/11kV Thirthahalli Sub-station in Thirthahalli Taluk, Shivamogga District.<br>2) Construction of 110kV line Terminal bay at 110/11kV Thirthahalli S/s. | MESCOM | Hassana | Shimoga | | | 200.29 | 2018 | 2018-19 | 0 | 150 | Line clear issue and delay by agency | 50.29 |
| **Augmentation works-110 kV** | | | | | | | | | | | | | |
| 1 | Netlamadnur 220kV R/S:<br>Additional existing 1x10MVA, 110/11kVPower Transformer by 1x20MVA, 110/11kV Power Transformer at existing 220/110/33/11kV Netlamudnur S/S | MESCOM | Hassana | Dakshina Kannada | | | 164.56 | 2017 | 2018-19 | 131.22 | 30 | Instead of replacement, additional transformer approved in 56th TCCM. Additional transformer work under progress. | 3.34 |
| 2 | Vittla:<br>Replacing 1x10MVA,110/11kV & 1x10MVA, 110/12.1kV Power Transformer by 2x20MVA, 110/11kV Power Transformer at Vittla S/s. | MESCOM | Hassana | Dakshina Kannada | | | 481.99 | 2017 | 2018-19 | 34.48 | 144 | 1 no of transformer allotted on 24-Sep-2018 and commissioned on 08-Dec-2018. | 303.51 |
| 3 | Haveri:<br>Providing spare 1x20MVA, 110/33-11kV Transformer | HESCOM | Bagalkote | Haveri | | | 279 | 2017 | 2018-19 | 38.81 | 196 | Transformer allotted on 04-Aug-2018. | 44.19 |
| 4 | Karwar(Shejwad):<br>Providing additional 1x20MVA, 110/33-11kV Transformer | HESCOM | Bagalkote | Uttar Kannada | | | 425.35 | 2017 | 2018-19 | 146.3 | 260 | Transformer allotted on 21-Jun-2018 and commissioned on 06-Sep-2018 | 19.05 |
| 5 | Rampur:<br>Replacement of 1x10MVA, 110/33kV by 1x20MVA, 110/33kV Transformer | HESCOM | Bagalkote | Bagalkote | | | 216.37 | 2017 | 2018-19 | 142.39 | 44 | Transformer allotted on 21-Jun-2018 and commissioned on 06-Sep-2018 | 29.98 |
| 6 | Hirebevanur:<br>Providing additional 1x10MVA, 110/11kV Transformer. | HESCOM | Bagalkote | Bijapur | | | 129.3 | 2017 | 2018-19 | 58.31 | 54 | Transformer received at site 02-May-2018 and commissioned on 22-Aug-2018 | 16.99 |
| 7 | Lachyan:<br>Replacing 1x10MVA, 110/11kV by 1x20MVA, 110/11kV Transformer. | HESCOM | Bagalkote | Bijapur | | | 304.96 | 2017 | 2018-19 | 206.82 | 22 | Commissioned on 29-May-2018 | 76.14 |

| Completed works | | | | | | | | | | | | | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR/DWA | | | As per Actuals | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | Reason for delay in commencement if any | |
| 8 | 110 KV S/S Malaghan: Replacement of 1X10 MVA, 110/11 KV by 1X20 MVA, 110/11 KV transformer instead of Providing additional 1x10MVA, 110/11kV Transformer | HESCOM | Bagalkote | Bijapur | | | 305.53 | 2017 | 2018-19 | 165.06 | 100 | Transformer allotted on 24-Apr-2018 and commissioned on 07-Jun-2018 | 40.47 |
| 9 | Alkod: Providing additional 1 x 10 MVA, 110/11 kV Power Transformer at Alkod S/s | GESCOM | Kalaburagi | Raichur | | | 226.73 | 2018 | 2018-19 | 0 | 150 | Transformer to be allotted | 76.73 |
| 10 | Maliyabad : Providing additional 1 x 10 MVA, 110/11 kV Power Transformer at Maliyabad S/s | GESCOM | Kalaburagi | Raichur | | | 226.78 | 2018 | 2018-19 | 0 | 150 | Transformer to be allotted | 76.78 |
| 11 | Gurugunta: Providing additional 1 x 10 MVA, 110/11 kV Power Transformer at Gurugunta S/s | GESCOM | Kalaburagi | Raichur | | | 226.28 | 2018 | 2018-19 | 0 | 150 | Transformer to be allotted | 76.28 |
| 12 | BislaHalli : Creating 33kV reference by Providing 1x20MVA, 110/33kV Transformer. | GESCOM | Kalaburagi | Bellary | | | 335.92 | 2017 | 2018-19 | 21.34 | 164 | Transformer allotted on 24-Sep-2018. | 150.58 |
| 13 | Kampli: Repl of 1X10MVA by 1X20MVA, 110/11KV Trf at 110/11KV S/S Kampli | GESCOM | Kalaburagi | Bellary | | | 182.78 | 2018 | 2018-19 | 131.68 | 50 | Transformer allotted on 03-Nov-2017 and commissioned on 01-Aug-2018 | 1.1 |
| 14 | Munirabad : Installing of 1x10MVA, 110/11kV Power transformer at 220/110/66/33/11kV Munirabad Power House Station | GESCOM | Kalaburagi | Koppal | | | 155.08 | 2017 | 2018-19 | 0 | 45 | Transformer allotted on 21-Feb-2018 work under progress | 110.08 |
| 15 | Dambal: Providing additional 1x10MVA, 110/11kV Transformer | HESCOM | Bagalkote | Gadag | | | 95.71 | 2018 | 2018-19 | 17.29 | 50 | Transformer to be allotted | 28.42 |
| **Other works-110 kV** | | | | | | | | | | | | | |
| 1 | **Providing 12.1kV 2.9MVAR Capacitor Bank** and other allied equipment's in KPTCL Sub-stations of Bagalkote Zone. | HESCOM | **Bagalkote** | Bagalkote | | | 1783.83 | 2015 | 2018-19 | 823.42 | 484 | Works under progress. Delay due to slow progress by the agency and line clear issues. Delay in siupply of 11kV Switchgears by MEI | 476.41 |

**Completed works**

| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | | |
| 2 | **Providing 12.1KV, 2.9MVAR Capacitor Bank** and other allied equipment's in KPTCL Sub-stations of Kalaburagi Zone. | GESCOM | **Kalaburagi** | Kalaburagi | | | 619.45 | 2015 | 2018-19 | 194.4 | 100 | Works under progress.<br>Delay due to slow progress by the agency and line clear issues.<br>Delay in siupply of 11kV Switchgears by MEI | 325.05 |
| **Sub-station works-66 kV** | | | | | | | | | | | | | |
| 1 | Hulimangala :<br>Establishing 2x12.5MVA, 66/11kV Keonics (Electronic City) Sub-Station for a route length of 3.789Kms | BESCOM | Bengaluru | Bengaluru Urban | | | 3474.13 | Stn: 2018<br>cable: 2018 | 2018-19 | 0 | 3000 | Target date is 13-Mar-2019 | 474.13 |
| 2 | Thippur:<br>Establishing 1 x 8 MVA 66/11 KV S/S with associated line | BESCOM | Tumakuru | Tumakuru | | | 541.1 | 2017 | 2018-19 | 141.49 | 350 | Local ROW issues for constructing transmission line | 49.61 |
| 3 | Nallur :<br>Establishing 1x8MVA, 66/11kV Sub-Station with associated line | BESCOM | Tumakuru | Davanagere | | | 557.33 | 2018 | 2018-19 | 0 | 250 | Target date is 19-Dec-2018 | 307.33 |
| 4 | Visveswarapura: Establishing 1x8MVA, 66/11kV Sub-Station with associated line | BESCOM | Tumakuru | Chitradurga | | | 549.1 | 2018 | 2018-19 | 0 | 300 | Target date is 19-Dec-2018 | 249.1 |
| 5 | Rudrapatna:<br>Establishing 1 X 8 MVA ,66/11 KV S/S at Rudrapatna in Arkalgud Tq, Hassana Dist with construction of 66kV SC line on DC towers for a route length of 4.8Kms to tap the existing 66kV Ramanathapura-Kushalanagar SC line to the proposed 66/11kV Rudrapatna S/S. | CESC | Hassana | Hassana | | | 558.98 | 2018 | 2018-19 | 0 | 300 | Target date is 11-Dec-2018. ROW issues for constructing transmission line (standing crops) | 258.98 |
| 6 | Santhekadur:<br>Establishing 1x8MVA, 66/11kV Sub-Station at Santhekadur in Shivamogga Tq & Dist with construction of 66kV SC line on DC towers from the existing 66kV Bhadra-MRS Shivamogga line to the proposed S/S at Santhekadur for a dist of 0.095Kms. | MESCOM | Hassana | Shimoga | | | 422.08 | 2018 | 2018-19 | 0 | 300 | Target date is 11-Nov-2018.<br>Delay by agency (Transformer to be supplied). ROW issues for constructing transmission line. | 122.08 |
| 7 | Bannikuppe<br>Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 3.575Kms | CESC | Mysuru | Mysuru | | | 663 | 2018 | 2018-19 | 0 | 300 | Target date is 19-Dec-2018 | 363 |

| Completed works | | | | | | | | | | | | | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR/DWA | | | As per Actuals | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | Reason for delay in commencement if any | |
| 8 | Chandravadi (Nallitalapura):Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 1.290Kms | CESC | Mysuru | Mysuru | | | 604 | 2018 | 2018-19 | 0 | 300 | Target date is 23-Mar-2019 | 304 |
| 9 | Maliyur: Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 2.809Kms | CESC | Mysuru | Mysuru | | | 670.21 | 2017 | 2018-19 | 173.03 | 400 | Delay in supply of 11kV Switchgears by MEI (KPTCL scope) | 97.18 |
| 10 | Hemmargala: Establishing 1x8MVA, 66/11kV Substation with associated line for a distance of 3.905Kms | CESC | Mysuru | Mysuru | | | 653.7 | 2017 | 2018-19 | 231.15 | 400 | Delay in supply of 11kV Switchgears by MEI (KPTCL scope) | 22.55 |
| 11 | Tumbekere: Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 6.596 Kms. | CESC | Mysuru | Mandya | | | 778.96 | 2018 | 2018-19 | 0 | 400 | Target date is 11-Dec-2018 | 378.96 |
| 12 | Vadakepura Limits: Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 0.356Kms | CESC | Mysuru | Mandya | | | 585.91 | 2018 | 2018-19 | 0 | 300 | Target date is 19-Dec-2018 | 285.91 |
| 13 | Devalapura Handpost (Kasalagere) Establishing 1 x 8MVA, 66/11 KV Sub-Station with associated line for a distance of 7.65Kms | CESC | Mysuru | Mandya | | | 881.84 | 2018 | 2018-19 | 0 | 400 | Target date is 13-Dec-2018 | 481.84 |
| 14 | 66kv Badanakuppe Industrial area : Establishing 2 X 31.5 MVA, 66/11kV Station with MCMV with 220kv at top x arm provision & 66kv at bottom assosiated d/c lines | CESC | Mysuru | Chamarajanagara | | | 3371.48 | 2018 | 2018-19 | 0 | 2500 | Target date is 10-Jan-2019 | 871.48 |
| 15 | Bargi: Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a Distance of 10.864Kms. | CESC | Mysuru | Chamarajanagara | | | 779.68 | 2017 | 2018-19 | 192.16 | 500 | Commissioned on 24-Sep-2018 (Target date: 15-Sep-2018) | 87.524 |
| 16 | Kothanoor: Establishing 1x8MVA, 66/11kV Sub-Station with associated line. | CESC | Mysuru | Chamarajanagara | | | 972.49 | 2017 | 2018-19 | 0 | 500 | Transformer to be supplied (agency scope). 11kV Switchgears to be supllied by MEI (KPTCL scope) | 472.49 |
| 17 | Agara mamballi : Establishing 1 x 8 MVA,66/11 KV sub-station with associated line for a distance of 3.047Kms | CESC | Mysuru | Chamarajanagara | | | 728.98 | 2018 | 2018-19 | 0 | 400 | Target date is 19-Dec-2018 | 328.98 |

| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | | |
| **Completed works** | | | | | | | | | | | | | |
| 18 | Bachigondanahalli: Establishing 1x8MVA, 66/11kV Sub-Station with associated line or a distance of 6.85Kms | GESCOM | Kalaburagi | Bellary | | | 585 | 2016 | 2018-19 | 215.3 | 205 | Commissioned on 25-Aug-2018 (Targety date 22-Dec-2017) Delay due to ROW issues for constructing transmission line | 164.7 |
| 19 | Harivi : Establishing of 66/11kV Sub-station with installed capacity of 1x8MVA 66/11kV Transformer or a distance of 6.638Kms | GESCOM | Kalaburagi | Bellary | | | 585.39 | 2016 | 2018-19 | 367.15 | 110 | Delay due to ROW issues for constructing transmission line | 108.24 |
| **Transmission line works-66 kV** | | | | | | | | | | | | | |
| 1 | **T.K Halli to Iggalur:** Construction of 66kV DC line for a distance of 9.924Kms from 220/66/11kV T.K.Halli Station to 66kV Iggalur Tap point in the existing corridor of 66kV T.K Halli-Akkurmole SC line and Providing 66kV TB's at T.K Halli | BESCOM | **Bengaluru** | Ramanagara | | | 326.3 | 2017 | 2018-19 | 106.5 | 165.0 | Delay due to ROW issues | **54.8** |
| 2 | **Davanagere - Chitradurga No. 1 :** Re-construction of 66kV S/C line on D/C towers in the existing corridor for a distance of 55.70 Kms. | BESCOM | **Tumakuru** | Davanagere | | | 570.2 | 2010 | 2018-19 | 495.1 | 75.0 | ROW issues for constructing transmission line | **0.1** |
| 3 | **Davanagere - Chitradurga No. 2:** Re-construction of 66kV S/C line on D/C towers in the existing corridor for a distance of 53.84 Kms. | BESCOM | **Tumakuru** | Davanagere | | | 455.1 | 2010 | 2018-19 | 436.1 | 18.0 | ROW issues for constructing transmission line | **1.0** |
| **Augmentation works-66 kV** | | | | | | | | | | | | | |
| 1 | **Thyamagondlu:** Replacing 2x8MVA, 66/11kV by 2x20MVA, 66/11kV Transformers | BESCOM | **Bengaluru** | Bengaluru Rural | | | 415.12 | 2016 | 2018-19 | 126.07 | 62 | 2nd Transformer to be allotted | 227.1 |
| 2 | **Suttur :** Replacing 2x8MVA, 66/11kV by 2x12.5MVA, 66/11kV Transformers | CESC | **Mysuru** | Mysuru | | | 244.72 | 2016 | 2018-19 | 89.69 | 130 | 1st transformer commissioned on 07-Sep-17. 2nd Transformer to be allotted | 25.0 |
| 3 | **Santhesargur:** Replacing 2x6.3MVA, 66/11kV by 2x12.5MVA, 66/11kV Transformers | CESC | **Mysuru** | Mysuru | | | 320.96 | 2018 | 2018-19 | 0 | 160 | 1st transformer commissioned on 10-Jul-2018. 2nd Transformer to be allotted | 161.0 |
| 4 | **H.D.Kote:** Replacing 2x12.5MVA, 66/11kV by 2x20MVA, 66/11kV Transformers | CESC | **Mysuru** | Mysuru | | | 351.44 | 2017 | 2018-19 | 140.02 | 211 | 1st transformer commissioned on 15-Sep-17. 2nd Transformer to be allotted | 0.4 |

| Completed works | | | | | | | | | | | | | Budget required for FY-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR/DWA | | | As per Actuals | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | Reason for delay in commencement if any | |
| 5 | **Hunsur:** Replacing 2x12.5MVA, 66/11kV by 2x20MVA, 66/11kV Transformers | CESC | **Mysuru** | Mysuru | | | 369.32 | 2017 | 2018-19 | 301.92 | 60 | 1st transformer commissioned on 31-Jul-17. 2nd transformer commissioned on 02-Aug-17. | 7.4 |
| 6 | **R.K Nagar :** Replacement of 2 nd 12.5 MVA NGEF Power Transformer by 20 MVA, 66/11kV Power Transformer | CESC | **Mysuru** | Mysuru | | | 196.51 | 2017 | 2018-19 | 142.09 | 40 | Commissioned on 06-Sep-17 | 14.4 |
| 7 | **Ravandur :** Provding Additional 1X8 MVA,and replacing 1x8MVA by 12.5MVA 66/11kV Transformer. | CESC | **Mysuru** | Mysuru | | | 230.66 | 2016 | 2018-19 | 127.89 | 76 | Replacement of 8 MVA by 12.5 MVA Transformer commissioned on 11-Oct-17. Additional Transformer commissioned on 20-Jun-2018. | 26.8 |
| 8 | **Bylukuppe:** Providing Additional 1X8 MVA,and replacing 1x8MVA by 1x12.5MVA 66/11kV Transformer. | CESC | **Mysuru** | Mysuru | | | 232.27 | 2016 | 2018-19 | 127.83 | 77 | Replacement of 8 MVA by 12.5 MVA Transformer commissioned on 16-Oct-17. Additional Transformer commissioned on 20-Jun-2018. | 27.4 |
| 9 | **Hampapura :** Providing Additional 1x12.5MVA 66/11kV Transformer and Replacement of 1 X 8 MVA by 1 X 12.5 MVA, 66/11kV with additional SWG | CESC | **Mysuru** | Mysuru | | | 334.3 | 2017 | 2018-19 | 89.52 | 150 | Replacement of 1x8 by 12.5 MVA. Commissioned on 05-Feb-18. Additional 12.5MVA transformer to be allotted. | 94.8 |
| 10 | **Hanagodu :** Replacement of 1 X 8 MVA by 1 X 12.5 MVA 66/11kV Transformer. | CESC | **Mysuru** | Mysuru | | | 141.92 | 2017 | 2018-19 | 3.24 | 130 | Commissioned on 19-Jun-2018 | 8.7 |
| 11 | **Terakanambi:** Replacing 2X8MVA, 66/11kV by 2x12.5MVA, 66/11kV Transformers | CESC | **Mysuru** | Chamarajanagara | | | 252 | 2016 | 2018-19 | 184.05 | 25 | 2nos 12.5 MVA Transformers allotted on 22-Apr-2017 1st Transformer commissioned on 24-May-17. 2nd Transformer commissioned on 27-May-17. | 43.0 |
| 12 | **P.G.Palya :** Providing Additional 1X8 MVA, 66/11kV Transformer | CESC | **Mysuru** | Chamarajanagara | | | 120.45 | 2014 | 2018-19 | 28.5 | 67 | Commissioned on 23-Mar-18. | 25.0 |
| 13 | **Telecom Layout:**Replacing 1x20MVA, 66/11kV by 1x31.5MVA, 66/11kV Transformer | BESCOM | **Bengaluru** | Bengaluru Urban | | | 235 | 2018 | 2018-19 | 0 | 200 | Transformer allotted on 17-Oct-2018 and commissioned on 04-Dec-2018. | 35.0 |
| 14 | **Abbigere:** Replacement of 2x12.5MVA, 66/11kV by 2x20MVA, 66/11kV transformer | BESCOM | **Bengaluru** | Bengaluru Urban | | | 546.12 | 2018 | 2018-19 | 0 | 5 | Transformer allotted on 20-Aug-2018 and commissioned on 15-Sep-2018. | 541.1 |

| Completed works | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | Budget required for FY-20 |
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred till date 31-03-2018 | Budget for 2018-19 | | |
| 15 | **Raj Mahal Vilas (RMV):** Augmentation of 2x20MVA, 66/11kV by 2x31.5MVA, 66/11kV transformer | BESCOM | **Bengaluru** | Bengaluru Urban | | | 530 | 2018 | 2018-19 | 0 | 85 | Transformer allotted on 08-Aug-2018 and commissioned on 09-Sep-2018. | 445.0 |
| 16 | **Nelagadaranahalli**: Replacing 2x20MVA, 66/11kV by 2x31.5MVA, 66/11kV transformer | BESCOM | **Bengaluru** | Bengaluru Urban | | | 668.45 | 2018 | 2018-19 | 0 | 200 | Transformer allotted on 25-Jul-2018 and commissioned on 12-Aug-2018. | 468.5 |
| 17 | **Anekal.**Replacing 1X20MVA by 1X31.5MVA , 66/11KV Power transformer at 66/11KV S/S, | BESCOM | **Bengaluru** | Bengaluru Rural | | | 282.61 | 2018 | 2018-19 | 0 | 200 | Transformer to be allotted | 82.6 |
| 18 | Providing additional 20 MVA TR at 220 kV KIADB Doddaballapura | BESCOM | **Bengaluru** | Bengaluru Rural | | | 387 | 2018 | 2018-19 | 0 | 5 | To be tendered | 382.0 |
| 19 | **Channapatna:**Augmentation of 1X12.5 MVA 66/11 kV Tr. By 1 X 20 MVA at 66/11 kV Channapatna | BESCOM | **Bengaluru** | Ramanagara | | | 181.74 | 2018 | 2018-19 | 0 | 170 | Transformer failed when commissioning, new transformer allotted. | 11.7 |
| **Other works-66 kV** | | | | | | | | | | | | | |
| 1 | **Renovation and upgradation of protection system** of 220kV Sub-stations (10Nos) & 400kV Sub- Station (1No) in Hassana Transmission Zone | CESC | **Hassana** | Hassana | | | 1449.82 | 2015 | 2018-19 | 528.65 | 900 | Works under progress. Delay due to slow progress by the agency and line clear issues. | 21.2 |
| **TOTAL Rs. in Crores** | | | | | | | **2450.3009** | | | **1326.1** | **753.0** | | **371.2** |

## Capital Works planned for 5th CT period

**Ongoing works viz. sub-station works, Augmentation of tranmsision lines, Augmentation of sub-stations**

| Ongoing works | | | | | | | | | | | | | Budget required | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR/DWA | | | As per Actuals | | | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
| **Sub-station works-400 kV** | | | | | | | | | | | | | | | |
| 1 | **Mylasandra (Near Electronic City):** Establishing 3 X 500 MVA, 400/220kV GIS Sub-Station at Mylasandra (Near Electronic City) in Bengaluru South Taluk, Bengaluru Urban District along with associated transmission lines and providing additional terminal bays (3 Nos) at 220/66/11Kv S/s at Yerandanahalli (Short closed work code AA1043) | BESCOM | **Bengaluru** | Bengaluru Urban | | | 44017.6 | 2018 | 2019-20 | 1.13 | 10000 | Target date is 23-Sep-2019 | 23811.55 | 10205 | |
| 2 | **Devanahalli Hardware Park:** Establishing 2 X 500 MVA, 400/220kV Sub-Station (400KV GIS & 220KV AIS) at KIADB Hardware Park, Devanahalli, Bengaluru Rural District and also for creation of required 220kV Terminal Bays at the receiving 220/66kV sub-stations for evacuation of power. | BESCOM | **Bengaluru** | Bangalore Rural | | | 43939.5 | 2018 | 2019-20 | 5.29 | 8000 | Target date is 15-Sep-2019 | 20000 | 15934.3 | |
| **Other sub-station works-400 kV** | | | | | | | | | | | | | | | |
| 1 | **Renovation and Up gradation of Protection systems** of 220kV substations(11 Nos) & 400kV Sub-stations(1 No) in Tumakuru Transmission Zone | BESCOM | **Tumakuru** | Tumakuru | | | 1505.5 | 2015 | 2019-20 | 700.6 | 406.0 | Works under progress. Delay due to slow progress by the agency and line clear issues. | 398.9 | | |
| **Sub-station works-220 kV** | | | | | | | | | | | | | | | |
| 1 | **Brindavan alloys:** Establishing 220/66/11kV GIS Sub-station along with construction of 220kV DC line for a distance of 0.52 kms | BESCOM | **Bengaluru** | Bengaluru Urban | | | 10570.2 | 2017 | 2019-20 | 0.0 | 1500 | Target date is 29-May-2019 | 7999.2 | 1071.1 | |
| 2 | **Kumbalgodu:** Establishing 2x150MVA, 220/66/11 kV sub-satation at Kumbalagodu with 220kv 1200sqmm UG Cable between 400/220kv Bidadi and Vrishabhavathi Valley | BESCOM | **Bengaluru** | Bengaluru Urban | | | 48981.5 | 2018 | 2019-20 | 0.0 | 10000 | Target date is 14-Sep-2019 | 20087 | 18894 | |
| 3 | **Channapatna:** Establishing 1x100 MVA, 220/66/11KV Sub-station (220kV- Partial Hybrid/ Partial AIS, 66kV AIS) in the premises of existing 66/11kV Sub station Channapatna , Ramanagara District. | BESCOM | **Bengaluru** | Ramanagara | | | 8910.9 | 2018 | 2019-20 | 0.0 | 4000 | Target date is 15-Sep-2019 | 3437.6 | 1473.3 | |
| 4 | **T.Gollahalli (Thimmasandra)** Establishing 2x100MVA, 220/66/11kV and 1x12.5MVA 66/11kV Station with associated lines for a distance of 220kV 27.269 Kms & 66kV (5.828+10.93+12.28)Kms | BESCOM | **Bengaluru** | Kolar | | | 9579.2 | 2016 | 2019-20 | 1917.8 | 4500 | ROW issues for constructing transmission line | 3000.0 | 161.5 | |

| Ongoing works | | | | | | | | | | | | | Budget required | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR/DWA | | | As per Actuals | | | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
| 5 | **Benkikere (Channagiri):** Establishing 2x100MVA, 220/66kV Station with associated 220kV line for a distance of 47.43Kms | BESCOM | **Tumakuru** | Davanagere | | | 9764.0 | 2017 | 2019-20 | 4278.6 | 5000 | ROW issues for constructing transmission line | 485.4 | | |
| 6 | **Hosadurga:** Establishing 2x100MVA, 220/66 KV S/s with associated 220kV & 66kV lines | BESCOM | **Tumakuru** | Chitradurga | | | 10034.8 | 2018 | 2019-20 | 0.0 | 4000 | Target date is 14-Sep-2019 | 5024.3 | 1010.4 | |
| 7 | **220kV Shivanasamudra:** Establishing 2x100 MVA, 220/66kV Station with assosiated lines | CESC | **Mysuru** | Mandya | | | 9653.7 | 2018 | 2019-20 | 0.0 | 5000 | Target date is 14-Jun-2019 | 4000.0 | 653.7 | |
| 8 | **Kudligi:** Establishing 2x100MVA, 220/66/11kV & 1x12.5MVA, 66/11kV Station at Kudligi (Badeladaku) along with associated lines & TB's for a distance of (220kV 32.63Kms & 66kV M/C 5.36Kms) | GESCOM | **Kalaburagi** | Bellary | | | 4603.7 | 2012 | 2019-20 | 2475.7 | 1000 | Slow progress by agency | 1000.0 | 128.0 | |
| 9 | **Koppal :** Establishing 2x100MVA, 220/110kV and 1x10MVA, 110/11kV Station at Koppal (Halavarthi) along with associated lines & TB's. 11.06 (11KM-110KV&0.06KM-220KV) | GESCOM | **Kalaburagi** | Koppal | | | 2997.9 | 2012 | 2019-20 | 778.2 | 1000 | Work short closed on 12-Sep-2014. Reawarded on 23-Jan-2018. Delay due to ROW issues for constructing transmission line. | 1219.7 | | |
| 10 | **Ramasamudra:** Establishing 220/110kV Sub Station with associated 220kV and 110kV lines | GESCOM | **Kalaburagi** | Yadgir | | | 6284.1 | 2018 | 2019-20 | 0.0 | 1000 | Target date is 14-Jun-2019 | 2500.0 | 2000.0 | 784.1 |
| 11 | **Mughalkod:** Establishing 2x100MVA, 220/110kV & 1x10MVA, 110/11kV Station with asociated 220kV & 110kV lines | HESCOM | Bagalkote | Belgaum | | | 7249.0 | 2018 | 2019-20 | 0.0 | 1 | Tendered on 07-Dec-2018 | 3500.0 | 3748.0 | |
| **Transmission line works-220 kV** | | | | | | | | | | | | | | | |
| 1 | **Somanahally to Kolar via Malur:** Construction of 220kV DC line (balanceworks). | BESCOM | **Bengaluru** | Bengaluru Rural | | | 2739.1 | 2006 | 2019-20 | 3381.4 | 500 | Work terminated on 22.03.17 by CEE TZ. Reawarded.Work commenced on 6.3.2018. ROW issues for constructing transmission line | 500.0 | | |
| 2 | **Tallak:** Construction of Balance 220kV DC line from LILO Point of 220kV Hiriyur-Chitradurga to 400/220kV PGCIL Hiriyur station for a distance of 20.90 kms | BESCOM | **Tumakuru** | Chitradurga | | | 6394.5 | 2009 | 2019-20 | 5718.6 | 10 | ROW issues for constructing transmission line | 500.0 | 166.0 | |
| 3 | **Shanthigrama:** Construction of 1) 2 Nos of 220kV DC lines from 400KV PGCIL Station to LILO the existing Shimoga-Mysore 220KV DC M1& M2 lines near Melgodu limits-7.14 Kms 2) 220KV DC line from Shanthigrama Station to existing B4 line near Hedanahalli limits-7.76 Kms. | CESC | **Hassana** | Hassana | | | 1122.1 | 2009 | 2019-20 | 767.2 | 10 | 1) Commissioned on 24-Jun-2010. 2) Work is short closed, Tender Invited for balance portion of work on 22-Nov-2018. Delay due to ROW issues | 300.0 | 44.9 | |

Ongoing works ... Budget requirement

| Sl.No | Name of the work. | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | | | | |
| 4 | **Kudagi to Vajaramatti:** Construction of 220kV DC Line from proposed Kudagi 400kV STPP to 220kV Sub-station Vajramatti for a distance of 79.42Kms | HESCOM | **Bagalkote** | Bijapur/ Bagakot | | | 5888.7 | 2015 | 2019-20 | 2857.8 | 2500 | Local ROW issues for constructing transmission line | 530.9 | | |
| 5 | **Construction of 220KV link lines:** Hiriyur PGCIL to Hiriyur: Construction of 220kV SC line on DC towers for a length of 15.168 Kms from existing 400/220KV PGCIL station at Beerenahalli( Hiriyur) to existing 220/66/11KV Hiriyur S/s in existing Corridor of 220KV S/C line from Hoysala Katte to 220/66/11 KV Station Hiriyur(Partly in new Corridor i.e.from PGCIL point to link 220KV S/C line from Hoysala Katte to 220/66/11 KV SRS at Hiriyur) including re-arrangement of existing 220KV lines near Beernahalli 400KV Station & dismantling of existing 220KV line Tower. | BESCOM | **Tumakuru** | Chitradurga | | | 5572.7 | 2018 | 2019-20 | 0.0 | 5000 | ROW issues for constructing transmission line | 557.3 | 15.4 | |
| **Augmentation works-220 kV** | | | | | | | | | | | | | | | |
| 1 | Davanagere: Replacing 2x60MVA, 220/66kV by 2x100MVA, 220/66kV transformers | BESCOM | **Tumakuru** | Davanagere | | | 1298.4 | 2018 | 2019-20 | 65.5 | 100 | 1st 100MVA commissioned on 03-Feb-2011. work short closed. Tendered for balance works. 2nd 100MVA transformer allotted on 25-Jun-2018. | 700.0 | 432.9 | |
| 2 | Ambevadi: Replacing 2x55MVA, 220/110kV by 2x100MVA, 220/110kV Transformer with R&M works. | HESCOM | **Bagalkote** | North Canara | | | 1466.4 | 2011 | 2019-20 | 847.6 | 1 | Transformer-2 commissioned on 18-Aug-2014 and transformer -1 commissioned on 17-Jul-2015. Slow progress by the agency. Work short closed on 10-Jun-2016. | 100.0 | 517.7 | |
| 3 | B Bagewadi: 1x100MVA Transformer 220/110KV for arranging the power supply to the Chimmalagi LIS. | HESCOM | **Bagalkote** | Bijapur | | | 847.0 | 2017 | 2019-20 | 0.0 | 580 | Work under progress. Delay due to slow progress agency. | 267.0 | | |

| Ongoing works | | | | | | | | | | | | | Budget required | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR/DWA | | | As per Actuals | | | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
| 4 | **Somanahalli:** Replacing 2x100MVA, 220/66/11kV Power Transformer by 2x150MVA at 220/66/11kV R/s Somanahalli, Bengaluru. | BESCOM | **Bengaluru** | Bengaluru Urban | | | 1872.1 | 2018 | 2019-20 | 0.0 | 200 | Target date is 04-Nov-2019 | 1500.0 | 172.1 | |
| 5 | **Gadag:** Providing additional 4th 1x100MVA, 220/110kV Transformer | HESCOM | **Bagalkote** | Gadag | | | 1728.8 | 2018 | 2019-20 | 0.0 | 500 | Tendered on 05-Sep-2018 | 1000.0 | 228.8 | |
| **Other works-220 kV** | | | | | | | | | | | | | | | |
| 1 | **Peenya :** R & M works at Peenya 220/66kV Station. | BESCOM | **Bengaluru** | Bengaluru Urban | | | 4093.4 | 2013 | 2019-20 | 2450.2 | 1000 | Delay due line clear issues | 500.0 | 143.2 | |
| 2 | **SRS Hoody :** R & M Works at SRS Hoody 220/66kV Station | BESCOM | **Bengaluru** | Bengaluru Urban | | | 2452.9 | 2013 | 2019-20 | 1443.5 | 500 | Delay due line clear issues | 250.0 | 259.4 | |
| **Sub-station works-110 kV** | | | | | | | | | | | | | | | |
| 1 | **Jeppu:** Establishing 1x20MVA, 110/33kV & 2x10MVA, 110/11kV Sub-Station with LILO of Kulashekara - Konaje line for a distance of 10.00 Kms. | MESCOM | **Hassana** | Dakshina Kannada | | | 1337.8 | 2008 | 2019-20 | 1007.2 | 10 | ROW issues for constructing transmission line | 224.5 | 96.2 | |
| 2 | **Mulky:** Up-grading 2x5MVA, 33/11kV MUSS to 1x10MVA, 110/11kV Sub-Station with SC line from Nandikur for a distance of 11.00 Kms. | MESCOM | **Hassana** | Dakshina Kannada | | | 741.8 | 2008 | 2019-20 | 408.1 | 50 | ROW issues for constructing transmission line | 198.5 | 85.1 | |
| 3 | **Madavu:** Establishing 2x20MVA, 110/33-11kV & 1x10MVA, 110/11kV Sub-Station with 110kV line from Puttur 220kV Station for a distance of 27.00 Kms. | MESCOM | **Hassana** | Dakshina Kannada | | | 2550.8 | Stn:2018 Line:2010 | 2019-20 | 1229.0 | 1000 | Forest clearence for station land. ROW issues for constructing transmission line | 321.8 | | |
| 4 | **Konandur:** Establishing 1x10MVA, 110/11kV Sub-Station with associated 110kV V3 line for a distance of 11.83 Kms. | MESCOM | **Hassana** | Shimoga | | | 1027.5 | Stn:2006 Line:2018 | 2019-20 | 864.6 | 350 | Forest clearance for constructing transmission line. Line work reawarded. Station almost completed. | | | |
| 5 | **Kortigere:** Establishing 1x10MVA, 110/11kV Sub-Station at Koratigere in Shikaripura Tq , Shivamogga Dist with construction of 110kV SC line on DC Towers from 110kV Balligavi (Shiralkoppa)- Bharangi line near Bilki Village limits to the proposed S/S at Koratigere for a dist of 7.139Kms | MESCOM | **Hassana** | Shimoga | | | 683.8 | 2018 | 2019-20 | 0.0 | 300 | ROW issues for constructing transmission line | 383.8 | | |
| 6 | **Yemmedoddi:** Establishing 2x10MVA, 110/11kV Sub-Station at Yemmedoddi in Kadur Tq, Chikkamagalur Dist with construction of 110kV SC tap line on DC towers from existing 110kV Kadur-Nagenahalli SC line to the proposed 110/11kV Yemmedoddi S/S for a dist of 8.731K | MESCOM | **Hassana** | Chikkamagalur u | | | 1104.3 | 2018 | 2019-20 | 0.0 | 600 | ROW issues for constructing transmission line | 353.0 | 151.3 | |

Ongoing wo... ...udget requirement

| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | | | | |
| 7 | **Koganolli** Up-gradiation 33/11kV S/s to 2x10MVA, 110/11kV Sub-Station with associated line for a distance of 17.192Kms | HESCOM | **Bagalkote** | Belgaum | | | 1460.5 | 2018 | 2019-20 | 52.3 | 800 | Local ROW issues for constructing transmission line | 500.0 | 108.2 | |
| 8 | **G.Hosakoti:** Establishing 1x10MVA, 110/11kV Sub-Station with associated line. | HESCOM | **Bagalkote** | Belgaum | | | 943.1 | 2018 | 2019-20 | 0.0 | 551 | Target date is 14-Feb-2019 | 391.7 | | |
| 9 | **Inchageri:** Establishing 1x10MVA, 110/11kV Sub-Station with associated line & TB for a distance of 19.759 Kms | HESCOM | **Bagalkote** | Bijapur | | | 1192.6 | 2018 | 2019-20 | 0.0 | 600 | Target date is 15-Feb-2019 | 500.0 | 92.6 | |
| 10 | **Thavaragera:** Establishing 1x10MVA, 110/11kV and 1x20MVA, 110/33kV Sub-Station with associated 110kV line for a distance of 26.495 Kms. | GESCOM | **Kalaburagi** | Koppal | | | 2018.4 | 2017 | 2019-20 | 1345.8 | 766 | Delay due to ROW issues for constructing tranmission line | | | |
| 11 | **Mangalore:** Up-gradation of 33/11kV MUSS to 2X10 MVA,110/11kV Sub-Station with associated lines for a distance of 7.426 Kms. | GESCOM | **Kalaburagi** | Koppal | | | 1048.2 | 2018 | 2019-20 | 0.0 | 100 | Target date is 29-Mar-2019 | 845.6 | 102.6 | |
| **Transmission line works-110 kV** | | | | | | | | | | | | | | | |
| 1 | **Kavoor - Kulashekar :** Construction of 110kV DC line from Kavoor to Kulashekara in the existing 33kV line corridor for a distance of 8.50 Kms and along with TBs | MESCOM | **Hassana** | Dakshina Kannada | | | 917.4 | 2007 | 2019-20 | 475.5 | 10 | ROW issues for constructing transmission line | 100.0 | 331.9 | |
| 2 | **Puttur:** Construction of 110-110kV MC and 110kV DC lines from loc no.28 (Kabaka Railway Crossing limits) to the 110/33/11kV Puttur S/S for a dist of 4.5Kms & Construction of 2nos of 110kV TBs at 110/33/11kV Puttur S/S for a distance of 4.5 Kms | MESCOM | **Hassana** | Dakshina Kannada | | | 439.5 | 2010 | 2019-20 | 199.5 | 80 | ROW issues for constructing transmission line | 100.0 | 60.0 | |
| 3 | **Kavoor-Baikampady:** Strengthening of 110kV-Kavoor-Baikampady line converting SC line by DC line with TB at Kavoor for a distance of 3.885 Kms | MESCOM | **Hassana** | Dakshina Kannada | | | 358.1 | 2010 | 2019-20 | 171.8 | 10 | ROW issues for constructing transmission line | 100.0 | 76.3 | |
| 4 | **Brahmavara-Nittur:** Stringing 2nd circuit in the existing 110kV Brahmavara-Nittur line and creating 110kV TB at Brahmavara & Nittur Sub-Stations. | MESCOM | **Hassana** | Udupi | | | 169.6 | 2017 | 2019-20 | 15.8 | 90 | ROW issues for constructing transmission line | 63.8 | | |
| 5 | **Guledgud - Ilkal:** Construction of 110kV S.C. link line on D/C towers from 110kV Sub-Station Guledgudda to 110kV Sub-Station Ilkal for a distance of 34.575 Kms. | HESCOM | **Bagalkote** | Bagalkote | | | 619.7 | 2011 | 2019-20 | 159.3 | 1 | Work short closed on 02-Aug-2017. Balance works to be tendered. | 50.0 | 409.4 | |

| Ongoing works | | | | | | | | | | | | | Budget required | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR/DWA | | | As per Actuals | | | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
| 6 | **Chincholi-Mannekalli-Sedam:** i) Construction of 110kV DC link line between 110kV Chincholi and 110kV Manna-E-Khelly Sub-Stations 49.87Kms. ii) Stringing Second circuit on existing DC towers from **220kV Sedam Station to 110kV Chincholi Sub-Station** for a distance of 32kMs. | GESCOM | **Kalaburagi** | Kalaburagi | | | 925.0 | 2011 | 2019-20 | 146.4 | 729 | Work short closed on 16-Sep-2016. Reawarded on 26-Mar-18, work under progress. Delaydue to ROW issues | 50.0 | | |
| 7 | **Nehru nagar-6 Pole Struture:** conversion of 110 kV Nehrunagar-6 pole structure SC line constructed on 110 kV SC towers(MS towers)to 110 kV SC line on DC towers for a distance of 2.3 kms | HESCOM | **Bagalkote** | Belgaum | | | 82.19 | | 2019-20 | 0.0 | 83 | To be tendered | | | |
| 8 | **Nidagundi:** Shifting and Re-**routing** of 110 kV line from **Loc 125-145 of Bagalkot-B.Bagewadi** DC line in TLM section B.Bagewadi jurisdiction in Vijayapura District | HESCOM | **Bagalkote** | Vijayapura | | | 583.23 | | 2019-20 | 0.0 | 10 | To be tendered | 50 | 523.23 | |
| 9 | **Jewargi Sub-station:** Construction of 110kV LILO line from existing Shahabad-Shahapur line to 110/33-11kV Jewargi sub-station in the existing corridor for a distance of 0.86Kms | GESCOM | **Kalaburagi** | Kalaburagi | | | 128.83 | | 2019-20 | 0.0 | 1 | To be tendered | 50 | 77.83 | |
| **Augmentation works-110 kV** | | | | | | | | | | | | | | | |
| 1 | Halukurke: Providing Additional 1x10 MVA, 110/11 kV Power Transformer at 110/11kV Station. | BESCOM | **Tumakuru** | Tumakuru | | | 308.5 | 2017 | 2019-20 | 63.3 | 75 | Released transformer allotted and commissioned on 16-May-2018 | 170.3 | | |
| 2 | 110KV S/S Banahatti: Replacement of 1x10MVA, 110/11kV by 1x20MVA, 110/11kV Transformer | HESCOM | **Bagalkote** | Bagalkote | | | 58.6 | 2018 | 2019-20 | 0.0 | 258 | Transformer allotted on 27-Aug-2018 and commissioned on 01-Nov-2018 | | | |
| 3 | **Gubbi :** Replacing 1x10MVA, 110/11kV by 1x20MVA, 110/11kV Transformer. | BESCOM | **Tumakuru** | Tumakuru | | | 201.6 | 2018 | 2019-20 | 0.0 | 200 | Transformer allotted on 21-Jun-2018 and commissioned on 08-Aug-2018 | 1.6 | | |
| 4 | **Kallusadarahally** :Providing additional 1x10 MVA, 110/11 kV power transformer at 110/11 kV Kallusadarahally Sub station in Arasikere Taluk, Hassan District. | CESC | **Hassana** | Hassana | | | 271.3 | 2018 | 2019-20 | 0.0 | 150 | Transformer to be allotted | 121.3 | | |
| 5 | **Salethur**: Providing additional 1X10 MVA 110/11kV Transformer. | MESCOM | **Hassana** | Dakshina Kannada | | | 285.8 | 2018 | 2019-20 | 0.0 | 290 | Transformer allotted on 05-Dec-2018, work under progress. | | | |
| 6 | **Netlamudnur:** Providing additional 1x20 MVA, 110/33 kV transformer at 220 kV Netlamadnur station, in Bantwal Taluk, DK District | MESCOM | **Hassana** | Dakshina Kannada | | | 335.9 | | 2019-20 | 0.0 | 250 | To be tendered | 85.9 | | |
| 7 | **Bantwala**:Providing additional 1x20 MVA, 110/33 kV transformer at 110 kV Bantwal station, in Bantwal Taluk, DK District. | MESCOM | **Hassana** | Dakshina Kannada | | | 338.1 | 2018 | 2019-20 | 0.0 | 340 | Tendered. Transformer to be allotted | | | |

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| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
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| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | | | | |
| 8 | **Gurupura**: Replacement of 1x10MVA, 110/11kV by 1x20MVA, 110/11kV Transformer's at 110/11KV Gurupura S/s | MESCOM | **Hassana** | Dakshina Kannada | | | 249.5 | 2018 | 2019-20 | 0.0 | 250 | Transformer to be allotted | | | |
| 9 | **Madhuvana:**Providing additional 1x20 MVA, 110/11KV Power Transformer at 110/11KV Madhuvana Sub-station in Udupi Taluk and District. | MESCOM | **Hassana** | Udupi | | | 256.4 | 2018 | 2019-20 | 0.0 | 260 | Transformer to be allotted | | | |
| 10 | **Hiriyadka:** Replacement of existing 1x10MVA, 110/33KV Power Transformer by 20MVA, 110/33KV Power Transformer at 110/33/11kV Hiriadka Sub-station in Udupi Taluk & Dist. | MESCOM | **Hassana** | Udupi | | | 212.1 | 2018 | 2019-20 | 0.0 | 50 | Transformer to be allotted | 162.1 | | |
| 11 | **Balligavi (Shiralkoppa):** Providing 1X20MVA, 110/11kV Spare Transformer at 220kV Balligavi (Shiralkoppa) Station. | MESCOM | **Hassana** | Shimoga | | | 376.6 | | 2019-20 | 0.0 | 50 | To be tendered | 326.6 | | |
| 12 | **Thogarsi:** Providing additional 1 x 10MVA, 110/11KV Power Transformer | MESCOM | **Hassana** | Shimoga | | | 289.7 | 2018 | 2019-20 | 0.0 | 150 | Tendered. Transformer to be allotted | 139.7 | | |
| 13 | **Kumsi:**Replacement of 2nd 1x 10MVA 110/11KV Power transformer by 1 x 20 MVA, 110/11KV power transformer at existing 110/11KV Kumsi S/s in Shimogga Taluk | MESCOM | **Hassana** | Shimoga | | | 312.1 | 2018 | 2019-20 | 0.0 | 50 | Tendered. Transformer to be allotted | 262.1 | | |
| 14 | **Hangal:** Providing additional 1X10MVA, 110/11kV Power Transformer at 110kV S/s Hangal | HESCOM | **Bagalkote** | Haveri | | | 83.7 | 2018 | 2019-20 | 0.0 | 50 | Work under progress Transformer to be allotted. | 33.7 | | |
| 15 | **220KV Station, Indi:** Providing Additional 1x10MVA, 110/11kV transformer | HESCOM | **Bagalkote** | Bijapur | | | 53.2 | 2018 | 2019-20 | 0.0 | 150 | Tendered. Transformer to be allotted | | | |
| 16 | **Zalaki:** Replacement of 10MVA, 110/11kV by 20MVA, 110/11kV Transformer | HESCOM | **Bagalkote** | Bijapur | | | 256.1 | 2018 | 2019-20 | 0.0 | 10 | Tendered. Transformer to be allotted | 246.1 | | |

| Ongoing works | | | | | | | | | | | | | Budget required | | |
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| | | | | | As per DPR/DWA | | | As per Actuals | | | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
| 17 | **Chadachan:** Replacement of 1x10MVA, 110/11kV Transformer by 1x20, 110/11KV Transformer | HESCOM | **Bagalkote** | Bijapur | | | 254.5 | | 2019-20 | 0.0 | 10 | To be tendered | 244.5 | | |
| 18 | **Bevoor :** Providing additional 1 x 10 MVA, 110/11 kV Power Transformer at Bevoor S/s | GESCOM | **Kalaburagi** | Koppal | | | 243.7 | 2018 | 2019-20 | 0.0 | 50 | Tendered. Transformer to be allotted | 100.0 | 93.7 | |
| 19 | **Ganadal :** Providing additional 1 x 10 MVA, 110/11 kV Power Transformer at Ganadal S/s | GESCOM | **Kalaburagi** | Koppal | | | 241.5 | 2018 | 2019-20 | 0.0 | 50 | Tendered. Transformer to be allotted | 100.0 | 91.5 | |
| 20 | **Koppal:** Providing spare 20 MVA, 110/33/11 kV Power Transformer at 110 kV S/S Koppal | GESCOM | **Kalaburagi** | Koppal | | | 200.0 | | 2019-20 | 0.0 | 50 | To be tendered | 100.0 | 50.0 | |
| 21 | Enhancement of 10MVA, 110/33kV power Transformer NGEF Make) by 20MVA, 110/33 KV POWER Transformer at 110/33/11kV MUSS **Betagera** in Koppal Tq. | GESCOM | **Kalaburagi** | Koppal | | | 200.5 | 2018 | 2019-20 | 0.0 | 100 | Transformer to be allotted | 100.5 | | |
| 22 | **Venkatgiri :** Enhancement of 10 MVA, 110/11kV Power Transformer by 20 MVA 110/11kV Power Transformer at 110/11kV S/s Venkatgiri. | GESCOM | **Kalaburagi** | Koppal | | | 267.5 | | 2019-20 | 0.0 | 50 | To be tendered | 100.0 | 117.5 | |
| 23 | Enhancement of 10MVA, 110/11kV power Transformer NGEF Make) by 20MVA, 110/11Kv POWER Transformer at 110/33kV MUSS **Koppal** in Koppal Tq, District. | GESCOM | **Kalaburagi** | Koppal | | | 175.0 | | 2019-20 | 0.0 | 50 | To be tendered | 100.0 | 25.0 | |
| 24 | **110KV Sriramnagar:** Replacement of 1X10 MVA, 110/11kV by 1x20MVA 110/11KV Power Transformer at 110/11kV Sriram Nagar S/s. | GESCOM | **Kalaburagi** | Koppal | | | 265.8 | | 2019-20 | 0.0 | 50 | DPR to be approved | 100.0 | 115.8 | |
| **Sub-station works-66 kV** | | | | | | | | | | | | | | | |
| 1 | **Samanduru** :a)Establishing 2x8MVA, 66/11kV Sub-Station.b) laying of 3cx300 Sqmm UG Cable from Anekal S/s to Samanduru s/S for a Route length of 8.64 Kms. | BESCOM | **Bengaluru** | Bengaluru Urban | | | 2939.0 | 2014 | 2019-20 | 523.0 | 500 | ROW issues for constructing transmission line. Alternate proposal of running UG Cable tendered. | 1500.0 | 416.0 | |
| 2 | **Kumbaranahalli :** Establishing 2X12.5MVA, 66/11kV Power Transformer at Kumbaranahalli | BESCOM | **Bengaluru** | Bengaluru Urban | | | 694.6 | 2017 | 2019-20 | 0.0 | 1500 | Target date is 07-Feb-2019 | | | |
| 3 | **Mandur:** Establishing 1x12.5MVA, 66/11kV Sub-Station with 66kV D/C line from Budigere for a distance of 9.00 Km. | BESCOM | **Bengaluru** | Bengaluru Rural | | | 615.1 | 2007 | 2019-20 | 439.7 | 10 | ROW issues for constructing transmission line. Work terminated on 23-01.2017. Balance works to be tendered | | | |
| 4 | **Sondekoppa:** Establishing 2x8MVA, 66/11kV Sub-Station with 66kV tap from Dobbaspet - Nelamangala SBT line for a distance of 12.50 Kms. | BESCOM | **Bengaluru** | Bengaluru Rural | | | 824.3 | 2007 | 2019-20 | 598.6 | 124 | ROW issues for constructing transmission line. | 101.7 | | |

Ongoing works

| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | Budget required | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | | FY20 | FY21 | FY22 |
| 5 | **Uragahalli:** Establishing 2x8MVA, 66/11kV Sub-Station with associated line. | BESCOM | **Bengaluru** | Ramanagara | | | 1193.1 | 2018 | 2019-20 | 0.0 | 400 | Target date is 19-Dec-2018 | 555.2 | 237.9 | |
| 6 | **Kunur:** Establishing 1x12.5MVA, 66/11kV S/s at Kunur | BESCOM | **Bengaluru** | Ramanagara | | | 703.8 | 2018 | 2019-20 | 0.0 | 250 | Target date is 20-Dec-2018 | 317.6 | 136.1 | |
| 7 | **Mailadihalli :** Establishing 2x8MVA, 66/11kV Sub-Station with associated line for a distance of 11.467 Kms. | BESCOM | **Tumakuru** | Chitradurga | | | 702.8 | 2013 | 2019-20 | 582.4 | 150 | ROW issues for constructing transmission line. | | | |
| 8 | **Shettihalli:** Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 2.34 Kms. | CESC | **Hassana** | Hassana | | | 416.5 | 2010 | 2019-20 | 278.6 | 50 | ROW issues for constructing transmission line. | 87.9 | | |
| 9 | **Chandalli (Madapura) Village:** Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 5.668Kms | CESC | **Mysuru** | Mysuru | | | 787.9 | 2018 | 2019-20 | 0.0 | 400 | ROW issues for constructing transmission line. Case filed at DC court Mysuru. | 387.9 | | |
| 10 | **Jannur:** Establishing 1x8MVA, 66/11kV Sub-Station with associated line for a distance of 8.63Kms | CESC | **Mysuru** | Chamarajanagara | | | 819.7 | 2018 | 2019-20 | 0.0 | 400 | Target date is 19-Dec-2018 | 419.7 | | |
| 11 | **Channarayapattana:** Establishing 2x8MVA, 66/11kV Sub-Station with associated line. | BESCOM | **Bengaluru** | Bengaluru Rural | | | 854.57 | 2018 | 2019-20 | 0.0 | 710 | Target date is 29-Mar-2019 | 144.6 | | |
| 12 | **Sasalu(Sriramanahalli):** Establishing 1x8MVA, 66/11kV Sub-Station with associated line | BESCOM | **Bengaluru** | Bengaluru Rural | | | 1118 | 2018 | 2019-20 | 0.0 | 10 | Tendered on 26-Jul-2018 | 559.0 | 384.3 | 164.7 |
| 13 | **Sathanur(Achalu):** Establishing 2x8MVA, 66/11kV Sub-Station with associated line | BESCOM | **Bengaluru** | Ramanagara | | | 780.02 | 2018 | 2019-20 | 0.0 | 100 | Target date is 30-Jul-2019 | 390.0 | 290.0 | |
| 14 | **Shivanahalli:** Establishing. 1x8 MVA, 66/11kV S/s and associated line | BESCOM | **Bengaluru** | Ramanagara | | | 601.87 | 2018 | 2019-20 | 0.0 | 100 | Target date is 30-Jul-2019 | 300.9 | 200.9 | |
| 15 | **Vyasarajapura:** Establishing 1x8 MVA 66/11kV Sub-Station with associated line for a distance of 3.498Kms | CESC | **Mysuru** | Mysuru | | | 593.88 | 2018 | 2019-20 | 0.0 | 10 | Target date is 04-Aug-2019 | 475.1 | 108.8 | |
| 16 | **Gargeshwari:**Establishing 1x8MVA, 66/11kV Sub-station with associated line for a distance of 0.543Kms | CESC | **Mysuru** | Mysuru | | | 780.89 | 2018 | 2019-20 | 0.0 | 50 | Tendered on 24-May-2018 | 624.7 | 106.2 | |
| 17 | **Kadukothanahalli:** Establishing 1x 8MVA, 66/11 KV Sub-Station with associated line for a distance of 0.08Kms | CESC | **Mysuru** | Mandya | | | 507.3 | 2018 | 2019-20 | 0.0 | 200 | Target date is 03-Apr-2019 | 316.7 | | |
| 18 | **Hariyaldamma Temple:** Establishing 1 x 8MVA, 66/11 KV Sub-Station with associated line for a distance of 8.591Kms | CESC | **Mysuru** | Mandya | | | 770.09 | 2018 | 2019-20 | 0.0 | 300 | Target date is 03-Apr-2019 | 385.0 | 85.0 | |
| **Transmission line works-66 kV** | | | | | | | | | | | | | | | |
| 1 | **Hebbal-ITI:** Replacing Coyote ACSR by HTLS Conductor from the existing 66kV line for a distance of 14.334 Kms. | BESCOM | **Bengaluru** | Bengaluru Urban | | | 1679.1 | 2012 | 2019-20 | 934.5 | 300 | Line commissioned on 25.01.2018 for 3.114Kms from Hebbal to yellarbande. Balance works under progress. | 350.0 | 94.6 | |

Ongoing works

| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | Budget required | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | | FY20 | FY21 | FY22 |
| 2 | **BIAL to Vidyanagar:** Running 66kV SC 1000Sq mm XPLE copper UG Cable for a route length 9.5 Kms from 220/66/11kV Sub-station to 66/11kV Vidyanagar S/s | BESCOM | **Bengaluru** | Bengaluru Urban | | | 5947.0 | 2015 | 2019-20 | 4364.2 | 755 | Delay due to ROW issues | 800.0 | 27.8 | |
| 3 | **EPIP & Yerandanahalli:** Strenghtening of existing 66 kV line between EPIP & Yerandanahalli sub-station by replacing Coyote by Drake ACSR | BESCOM | **Bengaluru** | Bengaluru Urban | | | 2177.3 | 2016 | 2019-20 | 1014.9 | 800 | Delay due to ROW issues | 300.0 | 62.4 | |
| 4 | **Davanagere to Harapanahalli:** Construction of new 66kV SC line on DC towers for a distance of 45.40 kms. | BESCOM | **Tumakuru** | Davanagere | | | 955.3 | 2014 | 2019-20 | 793.5 | 50 | ROW issues for constructing transmission line. | 100.0 | 11.8 | |
| 5 | **Chikamagalur-Balehonur:** Construction of 66kV DC line with coyote ACSR in the existing corridor of 66kV SC line from chikkamagalur to Balehonnur (43.74 Kms) | MESCOM | **Hassana** | Chikkamagalur u | | | 1800.0 | 2006 | 2019-20 | 273.9 | 750 | Work Short closed and Reawarded on 21-Aug-2018. ROW issues for constructing transmission line. | 700.0 | 76.1 | |
| 6 | **Somanahalli :** Replacing 66 kV North and South Strung bus by rigid bus at 220/66/11 kV Somanahalli sub-station | BESCOM | **Bengaluru** | Bengaluru Urban | | | 657.0 | 2018 | 2019-20 | 0.0 | 300 | To be tendered | 357.0 | | |
| 7 | **Ranganadoddi Sub-Station:** Providing 66kV LILO arrangement to 66/11kV Sub-Station for a distance of 0.10 kms. | BESCOM | **Bengaluru** | Ramanagara | | | 41.0 | | 2019-20 | 0.0 | 5 | To be tendered | 36.0 | | |
| 8 | **Ramnagara Sub-Stn:** Constructing additional 66kV circuit from Bidadi - Bevoor line to provide LILO arrangements for a distance of 0.65 kms. | BESCOM | **Bengaluru** | Ramanagara | | | 34.1 | 2018 | 2019-20 | 0.0 | 10 | Tender fainalized LOI to be issued. | 24.1 | | |
| 9 | **Mosalehosahally:** Providing LILO arrangements at 66/11kV Mosalehosahally Sub-station in Hassana Taluk & District by constructing 66kV DC line for a distance of 130 meters from new SMT-1 line. | CESC | **Hassana** | Hassana | | | 13.2 | | 2019-20 | 0.0 | 13 | To be tendered | | | |
| 10 | Establishing 1X12.5 MVA, 66/11 kV sub-station at **Mandur** in Bengaluru East Taluk, Bengaluru Urban District and construction of 66 kV SC line on DC towers from the proposed 66/11 kV Budigere sub-station and linking the line to the tower No. 39 of proposed 66 kV SC Hoskote-Mandur line for a distance of 9.0 Kms and construction of 66 kV TB at Budigere Sub-station for terminating the proposed 66 kV Hosakote – Mandur line - **Alternative routes by constructing 66 kV UG cable.** | BESCOM | **Bengaluru** | Bangalore Urban | | | 5400.0 | | 2019-20 | 0.0 | 0 | | 1000.0 | 4400 | |

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| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | | | | |
| **Augmentation works-66 kV** | | | | | | | | | | | | | | | |
| 1 | **Tavarekere:** Replacing 2x8MVA, 66/11kV by 2x20MVA, 66/11kV Transformer | BESCOM | **Bengaluru** | Bengaluru Urban | | | 432.9 | 2015 | 2019-20 | 178.8 | 2 | 2nd transformer to be allotted. | 252.0 | | |
| 2 | **Megalapura :** Replacing 1x8MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer | CESC | **Mysuru** | Mysuru | | | 159.7 | 2018 | 2019-20 | 0.0 | 125 | Transformer allotted on 24-Apr-2018 and commissioned on 07-Jun-2018 | 34.7 | | |
| 3 | Rajarajeshwarinagar: Replacement of 2X20MVA by 2X31.5MVA transformer at 66/11kV Rajarajeshwarinagar S/s | BESCOM | Bengaluru | Bengaluru Urban | | | 700.0 | | 2019-20 | 0.0 | 3 | To be tendered | 697.0 | | |
| 4 | Kumbalgodu: Replacement of 1x12.5MVA by 1x31.5MVA 66/11kV Transformer at 66/11kV Kumbalagodu Substation | BESCOM | Bengaluru | Bengaluru Urban | | | 276.4 | | 2019-20 | 0.0 | 3 | To be tendered | 273.4 | | |
| 5 | Prestige Shanthinikethan: Replacing 1X20MVA by 1X31.5MVA 66/11kV Power transformerat 66/11kV Prestige Shanthinikethan substation . | BESCOM | Bengaluru | Bengaluru Urban | | | 248.9 | | 2019-20 | 0.0 | 200 | To be tendered | 48.9 | | |
| 6 | Army Welfare Housing Organisation: Providing Additional 1X31.5MVA, 66/11kV Power Transformer | BESCOM | Bengaluru | Bengaluru Urban | | | 400.0 | 2018 | 2019-20 | 0.0 | 80 | Transformer to be allotted | 320.0 | | |
| 7 | Attibele: Replacement of 1x20 MVA, 66/11 kV transformer by 1x31.5MVA 66/11kV Transformer | BESCOM | Bengaluru | Bengaluru Urban | | | 319.1 | | 2019-20 | 0.0 | 190 | To be tendered | 129.1 | | |
| 8 | Peenya: Augmentation of 2x20MVA, 66/11kV power transformer no.II & III by 2x31.5MVA, 66/11kV power transformer at SRS Peenya 220/66/11kV Substation | BESCOM | Bengaluru | Bengaluru Urban | | | 597.3 | | 2019-20 | 0.0 | 200 | To be tendered | 397.3 | | |
| 9 | IISC: Replacing of 2x20MVA, 66/11kV power transformer by 2x31.5MVA power transformer | BESCOM | Bengaluru | Bengaluru Urban | | | 676.7 | | 2019-20 | 0.0 | 85 | To be tendered | 591.7 | | |
| 10 | Byadarahally: Replacement of 1x20MVA, 66/11kV Power Transformer by 1x31.5MVA, 66/11kV power transformer | BESCOM | Bengaluru | Bengaluru Urban | | | 351.0 | | 2019-20 | 0.0 | 85 | To be tendered | 266.0 | | |
| 11 | Brindavaan: Replacement of 2x20MVA, 66/11kV Power Transformer II & III by 2x31.5MVA, 66/11kV power transformer | BESCOM | Bengaluru | Bengaluru Urban | | | 635.3 | | 2019-20 | 0.0 | 200 | To be tendered | 435.3 | | |
| 12 | Naganathapura : Replacing 2X20MVA by 2X31.5MVA 66/11kV Power transformer | BESCOM | Bengaluru | Bengaluru Urban | | | 500.0 | | 2019-20 | 0.0 | 200 | To be tendered | 300.0 | | |
| 13 | Adugodi: Replacing 3X20MVA by 3X31.5MVA 66/11kV Power transformer | BESCOM | Bengaluru | Bengaluru Urban | | | 750.0 | | 2019-20 | 0.0 | 200 | To be tendered | 550.0 | | |
| 14 | Widia S/s: Providng addnl 1X20MVA, 66/11kV Power Transformer. | BESCOM | Bengaluru | Bengaluru Urban | | | 235.0 | 2018 | 2019-20 | 0.0 | 5 | To be tendered | 230.0 | | |
| 15 | Budigere: Replacing 1x8MVA, 66/11kV by 1x20MVA, 66/11kV Transformer | BESCOM | Bengaluru | Bengaluru Rural | | | 224.5 | | 2019-20 | 1.2 | 20 | Transformer allotted on 25-Sep-2018 and commissioned on 17-nov-2018 | 203.3 | | |
| 16 | 66/11KV S/s Volvo: Replacing of 1X6.3 MVA by 1X12.5 MVA Transformer at 66/11KV S/S Volvo | BESCOM | Bengaluru | Bengaluru Rural | | | 139.4 | | 2019-20 | 0.0 | 120 | To be tendered | 19.4 | | |

| Ongoing works | | | | | | | | | | | | | Budget required | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR/DWA | | | As per Actuals | | | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
| 17 | Sulibele :<br>Replacing of 2 x 12.5MVA Transformers by 2x 20MVA transformers | BESCOM | Bengaluru | Bengaluru Rural | | | 206.9 | | 2019-20 | 0.0 | 6 | To be tendered | 200.9 | | |
| 18 | Nanadagudi :<br>Replacing 2 x12.5MVA Transformers by 2x 20 MVA Transformers | BESCOM | Bengaluru | Bengaluru Rural | | | 397.4 | | 2019-20 | 0.0 | 6 | To be tendered | 391.4 | | |
| 19 | CBPura(I/A):<br>Replacing 1x12.5MVA NGEF make Tr-1, 66/11kV by 1x20MVA, 66/11kV Transformer | BESCOM | Bengaluru | Bengaluru Rural | | | 202.6 | | 2019-20 | 0.0 | 10 | To be tendered | 192.6 | | |
| 20 | Magadi:<br>Replacing 1x12.5MVA by 1x20MVA, 66/11kV Pwer Transformer at 66/11kV Magadi | BESCOM | Bengaluru | Ramanagara | | | 176.0 | | 2019-20 | 0.0 | 5 | To be tendered | 171.0 | | |
| 21 | Gudemaranahalli:<br>Replacing 2x8MVA by 2x20MVA 66/11kV Power Transformer | BESCOM | Bengaluru | Ramanagara | | | 394.7 | | 2019-20 | 0.0 | 3 | To be tendered | 391.7 | | |
| 22 | Bidadi:Providing additional 1x20 MVA Power Transformer at 220/66/11 kV Bidadi Sub-station | BESCOM | Bengaluru | Ramanagara | | | 359.0 | 2018 | 2019-20 | 0.0 | 50 | Tendered | 309.0 | | |
| 23 | Hukunda:Providing additional 1x8MVA, 66/11kV Power Transformer at 66/11kV Hukunda Sub-station. | BESCOM | Bengaluru | Ramanagara | | | 225.2 | 2018 | 2019-20 | 0.0 | 5 | Tendered | 220.2 | | |
| 24 | V.G.Doddi:Providing additional 1x8MVA, 66/11kV Power Transformer at 66/11kV V.G.Doddi Sub-station. | BESCOM | Bengaluru | Ramanagara | | | 225.3 | 2018 | 2019-20 | 0.0 | 5 | Tendered | 220.3 | | |
| 25 | Replacement of second 12.5 MVA, by 20 MVA, Power Transformer at 66/11kV Ranganadoddi S/s | BESCOM | Bengaluru | Ramanagara | | | 158.3 | | 2019-20 | 0.0 | 3 | To be tendered | 155.3 | | |
| 26 | Dalasanur:<br>Replacing 1x8MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 121.6 | | 2019-20 | 0.0 | 5 | To be tendered | 116.6 | | |
| 27 | S.M.Mangala:<br>Replacing 1x8MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 121.6 | | 2019-20 | 0.0 | 3 | To be tendered | 118.6 | | |
| 28 | Masti:<br>Replacing 2nd 2x12.5MVA, 66/11kV by 2x20MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 35.0 | | 2019-20 | 134.2 | 3 | To be tendered | | | |
| 29 | Kyalanur:<br>Replacing 1x8MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 117.0 | 2018 | 2019-20 | 0.0 | 3 | Transformer allotted on 26-Sep-2018 and commissioned on 17-Nov-2018 | 114.0 | | |
| 30 | Anderdsonpet :<br>Replacing 2x8MVA, 66/11kV by 2x12.5MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 269.6 | | 2019-20 | 0.0 | 3 | To be tendered | 266.6 | | |
| 31 | Srinivasapura:<br>Replacing 1x12.5MVA, 66/11kV by 1x20MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 205.1 | | 2019-20 | 0.0 | 3 | To be tendered | 202.1 | | |
| 32 | Addagal:<br>Replacing 1x8MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 142.2 | | 2019-20 | 0.0 | 120 | To be tendered | 22.2 | | |
| 33 | Thayalur:<br>Replacing 1x6.3MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 141.5 | | 2019-20 | 0.0 | 3 | To be tendered | 138.5 | | |

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| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | | | | |
| 34 | Malasandra:<br>Replacing 1x8MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer | BESCOM | Bengaluru | Kolar | | | 140.9 | | 2019-20 | 0.0 | 3 | To be tendered | 137.9 | | |
| 35 | M.G.Halli:<br>Replacing 1x8MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer | BESCOM | Bengaluru | C.B.Pura | | | 110.5 | | 2019-20 | 0.0 | 3 | To be tendered | 107.5 | | |
| 36 | Cheemangala:<br>Replacing 1x6.3MVA, 66/11kV by 1x12.5MVA, 66/11kV Transformer | BESCOM | Bengaluru | C.B.Pura | | | 127.4 | | 2019-20 | 0.4 | 5 | To be tendered | 121.9 | | |
| 37 | Irragampalli: Replacing 1x12.5MVA, 66/11kV by 1x20MVA, 66/11kV transformer | BESCOM | Bengaluru | C.B.Pura | | | 204.7 | 2018 | 2019-20 | 0.0 | 3 | Commissioned on 10-Dec-2018 (Repaired transformer allotted) | 201.7 | | |
| 38 | Talagavara: Replacing second 1x12.5MVA, 66/11kV by 1x20MVA, 66/11kV transformer | BESCOM | Bengaluru | C.B.Pura | | | 204.7 | | 2019-20 | 0.0 | 3 | To be tendered | 201.7 | | |
| 39 | Cheemangala:<br>Replacing second 1x6.3MVA, 66/11kV by 1x12.5MVA, 66/11kV transformer | BESCOM | Bengaluru | C.B.Pura | | | 142.3 | | 2019-20 | 0.0 | 3 | To be tendered | 139.3 | | |
| 40 | Replacing of 2x8 MVA by 2x12.5 MVA at Manchenahalli | BESCOM | Bengaluru | C.B.Pura | | | 272.1 | | 2019-20 | 0.0 | 3 | 1st Transformer commissioned on 17-Mar-17. | 269.1 | | |
| 41 | Savalanga:Providing additional 1x8MVA,power Transformer at 66/11kV Savalanga S/S. | BESCOM | Tumakuru | Davanagere | | | 223.5 | | 2019-20 | 0.0 | 100 | To be tendered | 123.5 | | |
| 42 | Pandarahalli :Replacing 2nd 12.5 MVA, 66/11kV by 20MVA, 66/11kV Transformer. | BESCOM | Tumakuru | Chitradurga | | | 203.9 | | 2019-20 | 0.0 | 200 | To be tendered | 3.9 | | |
| 43 | CR Patna:Replacement of 1 X 12.5MVA, 66/11 KV power Transformer by 1 X 20 MVA, 66/11kV Power Transformer at CR Patna S/S | CESC | Hassana | Hassana | | | 155.0 | | 2019-20 | 135.9 | 155 | Transformer allotted on 04-Dec-2018 and commissioned on 12-Dec-2018 | | | |
| 44 | Salagame:<br>Replacement of 2 X 8 MVA, 66/11 KV power Transformer by 2 X 12.5 MVA, 66/11kV Power Transformer at Salagame S/S in Hassana Taluk | CESC | Hassana | Hassana | | | 275.3 | 2018 | 2019-20 | 0.0 | 150 | Transformer to be allotted | 125.3 | | |
| 45 | Shanthigrama:Replacement of 2 X 8 MVA, 66/11 KV power Transformer by 2 X 12.5 MVA , 66/11kV Power Transformer at Shanthigrama S/S in Hassana Taluk | CESC | Hassana | Hassana | | | 275.3 | 2018 | 2019-20 | 0.0 | 150 | Transformer allotted on and commissioned on 17-Dec-2018 | 125.3 | | |
| 46 | Juttanahally:Providing Additional 1x8MVA, 66/11kV Power Transformer at 66/11kV S/s Juttanahally in CR Patna Taluk | CESC | Hassana | Hassana | | | 222.5 | 2018 | 2019-20 | 0.0 | 150 | Tendered. Transformer to be allotted | 72.5 | | |
| 47 | Chikkabommenahally:Augmentation of 1 X 8 MVA, 66/11 KV power Transformer by 1 X 12.5 MVA @ Chikkabommenahally S/S in Arkalgud Taluk | CESC | Hassana | Hassana | | | 244.1 | 2018 | 2019-20 | 0.0 | 244 | Transformer to be allotted | 0.1 | | |
| 48 | Bychanahally:Providing additional 1x8MVA power transformer @ 66/11kV sub-station Bychanahally, in Arkalagud Taluk, Hassan District. | CESC | Hassana | Hassana | | | 232.1 | 2018 | 2019-20 | 0.0 | 150 | Repaired transformer allotted, work under progress. | 82.1 | | |
| 49 | K.Byrapura:Providing additional 1x8MVA, 66/11kV power transformer at K.Byrapura sub-station. | CESC | Hassana | Hassana | | | 209.3 | 2018 | 2019-20 | 0.0 | 150 | Tendered. Transformer to be allotted | 59.3 | | |

| Ongoing works | | | | | | | | | | | | | Budget required | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | As per DPR/DWA | | | As per Actuals | | | | | | | |
| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | Reason for delay in commencement if any | FY20 | FY21 | FY22 |
| 50 | Arehalli :Providing additional 1x8 MVA, 66/11 kV power transformer at 66/11 kV Arehalli Sub station in Belur Taluk, Hassan District. | CESC | Hassana | Hassana | | | 277.3 | 2018 | 2019-20 | 0.0 | 150 | Tendered. Transformer to be allotted | 127.3 | | |
| 51 | Tyvarachatnalli: Replacement of existing1x 6.3MVA 66/11KV Power transformer t o 1x 12.5 MVAPower transformer at 66/11KV MUSS Tyavarechatnahalli | MESCOM | Hassana | Shimoga | | | 176.1 | | 2019-20 | 0.0 | 50 | To be tendered | 126.1 | | |
| 52 | Mudigere:Replacement of 2x6.3MVA, 66/11kV Power Transformers by 2x12.5MVA, 66/11kV Power Transformer at Mudigere S/s in Mudigere Taluk, Chikkamagaluru District | MESCOM | Hassana | Chikkamagaluru | | | 574.3 | | 2019-20 | 0.0 | 50 | To be tendered | 524.3 | | |
| 53 | Mudigere:Creating 33kV reference by installing 1x8MVA, 66/33kV Transformer at Mudigere S/s in Mudigere Taluk | MESCOM | Hassana | Chikkamagaluru | | | 400.5 | | 2019-20 | 0.0 | 5 | To be tendered | 395.5 | | |
| 54 | Chikkamagalur: Replacing 2X12.5MVA, 66/11kV Transformer by 2X20MVA, 66/11kV transformer at 66kV Chikkamagaluru Substation. | MESCOM | Hassana | Chikkamagaluru | | | 647.0 | | 2019-20 | 0.0 | 150 | To be tendered | 497.0 | | |
| 55 | T.N.Pura : Repl 2X12.5MVA by 2X20 MVA 66/11kV Transformer | CESC | Mysuru | Mysuru | | | 427.0 | 2018 | 2019-20 | 0.0 | 175 | Transformer to be allotted | 252.0 | | |
| 56 | Hullahalli : Replacement of 2 X 8 MVA by 2 X 12.5 MVA, 66/11kV Transformer. | CESC | Mysuru | Mysuru | | | 285.2 | 2018 | 2019-20 | 98.7 | 125 | 1st Transformer Commissioned on 27-Mar-2018. 2nd transformer to be allotted. | 160.2 | | |

Ongoing wo

| Sl.No | Name of the work | Beneficiary ESCOMs | Zone | District | As per DPR/DWA | | | As per Actuals | | | | Reason for delay in commencement if any | Budget required | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Year of commencement | Year of completion | Cost incurred | Year of commencement | Scehdule Year of completion | Cost incurred up to 31/03/18 | Budget for 2018-19 | | FY20 | FY21 | FY22 |
| Other works-66 kV | | | | | | | | | | | | | | | |
| 1 | **66/11KV S/S Ujjini:** Construction of new control room building along with shifting of equipments from existing control to the proposed control with providing protection for the existing equipment . Proiding LILO arrangement for 66KV incoming Line (66KV Kottur-Kudigi-Ujjini) along with Constuction of TB at Ujjini. | GESCOM | Kalaburagi | Bellary | | | 131.5 | | 2019-20 | 0.0 | 5 | To be tendered | 100.0 | 26.5 | |
| 2 | **Providing 12.1kV 2.9MVAR Capacitor Banks** and Other allied equipments to 57 Nos of existing KPTCL Sub-station in the jurisdiction of Tumakuru Transmission Zone | BESCOM | Tumakuru | Tumakuru | | | 1600 | 2015 | 2019-20 | 605.2 | 541 | Works under progress. Delay due to slow progress by the agency and line clear issues. Delay in siupply of 11kV Switchgears by MEI | 453.8 | | |
| **TOTAL Rs. in Crores** | | | | | | | **3299.5** | | | **447.9** | **883.7** | | **1325.7** | **665.3** | **9.5** |