



**CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LIMITED**

(A Government of Chhattisgarh Undertaking) (A Successor Company of CSEB)

CIN U40108CT2003SGC015822

**OFFICE OF EXECUTIVE DIRECTOR (RA&PM), CSPDCL, Raipur**

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No.02-02/RAC/SE/1/ 3969

Raipur, Date: 18/02/2025

To

The Secretary,  
Chhattisgarh State Electricity Regulatory Commission,  
Irrigation Colony, Shanti Nagar,  
Raipur (C.G.)

**Sub: - Submission of additional information required in respect of CIP Petition No. 102/2024.**

**Ref: - (1) Yol no. P.No.102 of 2024/150, dtd. 31.01.2025.  
(2) This office letter no. 3734, dtd. 24.01.2025.**

Please find enclosed the reply of pending quarries of additional information, required by the Hon'ble Commission against the Petition No. 102 of 2024, filed by CSPDCL, for approval of Capital Investment Plan (CIP) for FY 2025-26.

Accordingly, submitted for consideration please.

**Encl:-**

- (1) Annexure-I - Reply (Page 01 to 07).
- (2) Annexures-A1 to A9 (Page 08 to 37..)

**Executive Director (RA&PM)**  
**CSPDCL: Raipur**

**REPLY OF ADDITIONAL INFORMATION ON PETITION NO. 102 OF 2024  
FILED BY CHHATTISGARH STATE POWER DISTRIBUTION COMPANY  
LIMITED (CSPDCL) FOR APPROVAL OF CAPITAL INVESTMENT PLAN  
(CIP) FOR FY 2025-26.**

**A. General**

1. CSPDCL should submit the copy of CIP Petition in MS Word format mentioned as Annexure-1 in the reply..

**CSPDCL REPLY**

CSPDCL humbly submits that the copy of CIP Petition in MS Word format has been mailed to the Hon'ble Commission.

2. CSPDCL should submit the summary of CIP, with all Scheme-wise details in MS Excel mentioned as Annexure-2 in its reply.

**CSPDCL REPLY**

CSPDCL humbly submits that the summary of CIP, with all Scheme-wise details in MS Excel has been mailed to the Hon'ble Commission.

3. CSPDCL should submit all Annexures of its earlier and balance replies in MS Excel wherever possible.

**CSPDCL REPLY**

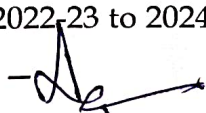
CSPDCL humbly submits that the necessary documents have been mailed to the Hon'ble Commission.

4. CSPDCL should submit the pending replies to queries at the earliest.

**B Capital Investment Plan for FY 2025-26**

5. As regards Query No. 3 of the Data Gaps,
  - a. CSPDCL should quantify the benefits achieved for the capitalised schemes at least on sample basis if not able to give for all schemes.

**CSPDCL REPLY**

CSPDCL humbly submits the benefits achieved from expenditure towards energization of agriculture pump for the period 2022-23 to 2024-25 (up to Sep' 2024) as a sample of the capitalised schemes — 

**Physical and Financial Performance- Agriculture Pump Electrification  
(Rs in Cr)**

| S. No. | Particulars                  | Approved |                | Achievement upto Sep 24 |                | No. of pumps energized |
|--------|------------------------------|----------|----------------|-------------------------|----------------|------------------------|
|        |                              | PHY (NO) | FIN (Rs in Cr) | PHY (NO)                | FIN (Rs in Cr) |                        |
| 1      | 11 Kv Line (Km)              | 1500     | 225            | 1915                    | 60.90          | 68809                  |
| 2      | Distribution X-mer New (Nos) | 1800     | 51             | 7357                    | 138.16         |                        |
| 3      | LT Line K.M.                 | 4500     | 324            | 6274.98                 | 223.81         |                        |
|        | <b>TOTAL</b>                 |          | <b>600</b>     |                         | <b>422.87</b>  | <b>68809</b>           |

As evident from the above table under the Agriculture Pump Electrification scheme, about 1915 km of 11 KV and 6275 km of LT line, were erected and 7357 nos. New distribution Transformers were installed with total expenditure of Rs. 422.87 Cr. and 68809 nos. agricultural pumps were energised.

- b. CSPDCL should submit the reasons for such low achievement in terms of physical performance & financial performance in the range of 3% to 5% for FY 2022-23 and FY 2023-24 for release of BPL connections in MMSVY as per Table of Annexure (3.B).

**CSPDCL REPLY**

Under Mukhya Mantri Shahari Vikas Yojna(MMSVY) scheme, various types of work are carried out, such as extension of electrical lines in the non- electrified areas of the cities included in the municipal corporation area, arranging for the safe placement of electrical lines and transformers along the roads, installation of new transformers and shifting of existing transformers to load centers within municipal corporation limits to resolve low voltage issues & to reduce distribution losses, replace existing open wires with insulated cables, convert overhead electrical lines to underground lines in densely populated areas and provide free electricity connections to all BPL families in the municipal corporation area and carry out necessary line extension work for electricity connection.



The works under MMSVY scheme is carried out after the approval of the District Level Committee formed for the purpose of suggesting, scrutinizing & approving the works under MMSVY. This scheme also includes free electricity connections to BPL in the concerned area as per the company rules. Earlier BPL connections were served in urban areas under Shaubhagya Yojana, which has resulted in a near saturation level in terms of electricity connections to BPL families & only smaller number of BPL consumers in the city area were left electrified. Hence the percentage of providing connections in the MMSVY scheme is less.

**6. As regards Query No. 8 of the Data Gaps,**

- a. CSPDCL should submit the Schedule of Rates (SOR) considered as the basis for cost estimation for each Scheme in the CIP.**

**CSPDCL REPLY**

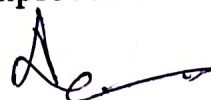
CSPDCL humbly submits that copy of the Schedule of Rates (SOR) considered as the basis for cost estimation for each Scheme in the CIP has been enclosed as **Annexure-A1, A2, A3, A4, A5 & A6.**

- b. CSPDCL should submit the envisaged quantified benefits in terms of statistics for improvement in Voltage Regulation, AT&C loss reduction, etc.**

**CSPDCL REPLY**

CSPDCL humbly submits that quantifiable benefits in terms of data have been envisaged for the improvement in voltage regulation & loss reduction. For that purpose, voltage profile & loading conditions of some existing substations has improved by creating new feeders. Detailed sheet showing voltage regulation, loading of the feeder & other parameters in Existing, Proposed & Residual system is enclosed as Annexure-A7.

- c. CSPDCL should quantify the projected Improvement of power quality and reliability'**





## CSPDCL REPLY

Projected improvement in power quality & reliability is summarized in tables-2 to 7 as below, enclosed as Annexure-A8:

- 1) New 33/11 Kv S/s Proposed Load Sharing programme - Table-2 of Annexure-A8.
- 2) Augmentation of S/s capacity - Table-3 of Annexure-A8.
- 3) Augmentation of 33/11KV Feeders - Table-4 of Annexure-A8.
- 4) Proposed Additional 33/11KV S/s in Project - Table-5 of Annexure-A8.
- 5) Replacement of Stop/Defective Meters - Table-6 of Annexure-A8.
- 6) Installed Distribution Transformer - Table-7 of Annexure-A8.

7. As regards query No. 8 of the data Gaps, CSPDCL should submit the projected plan for category wise smart meter installation as per below table, as CSPDCL has submitted only FY wise:

## CSPDCL REPLY

CSPDCL humbly submits that implementation of the Smart Metering Projects having consumer meters, Distribution Transformer Meters and Feeder Meters is a continuous process & is being carried out area wise rather than consumer category wise as per the SBD. Accordingly, it may not be possible to provide plan for category wise smart meter installation. However, it is humbly submitted that, the consumer smart metering is targeted to be completed by March-2026.

8. As regards Query No. 9 of Data Gaps CSPDCL has submitted the general / subjective reply, however CSPDCL should submit the scheme wise change in scope and cost increase with respect of number of connections, meters etc.

## CSPDCL REPLY

CSPDCL humbly submits that total CIP approved under ND (obligatory) scheme from FY 2021-22 to FY 2024-25 is Rs. 920.68 crores, whereas actual expenditure is Rs. 2062.64 crores. Hence there is a difference of Rs. 1141.96 crores in approved CIP and actual expenditure.

As regards to change in scope and cost increase in the actual expenditure, CSPDCL humbly submits that during FY 2022-23, against the approved quantity

of 250 nos. for new transformers and 500 nos. for augmentation, total of 5531 nos. 11/0.4 kV new transformers and 480 nos. transformers against augmentation has been installed respectively during same period. Similarly, for FY 2023-24, 250 nos. transformers were approved under new transformers and 500 nos. were approved against augmentation. However, against the same, 8148 nos. new transformers and 1321 transformers were installed against augmentation respectively. The reason for additional expenditure is due the fact that due to COVID-19 extension of 33kV, 11kV and LT line and installation and augmentation of distribution transformer was affected in FY 2021-22, therefore, pending work of FY 2021-22 was completed in FY 2022-23 and FY 2023-24. Therefore, major expenditure was used for installation and augmentation of distribution transformers for FY 2022-23 and FY 2023-24.

Similarly, to ensure quality power supply to the consumers, extension & infrastructure development works are being carried out in the FY 2024-25 as well. All work required for serving new connections, distribution system strengthening 33kV / 11kV / LT line, installation of distribution transformer, system improvement work to resolve low voltage problem, meter and metering equipment for new service connection and for replacement of stop defective meters, replacement of failed and defective transformer, raising the height of electric poles or line and erecting mid span poles to provide safe passage to wild animals, specially elephants, replacement of broken or damage / rusted poles due to nay accidents, strong winds, rain or storm etc. is carried out under this scheme.

**Scheme-wise prospective expenditure under ND (Obligatory) Scheme for FY 2024-25**

|        |                                                                    | (Rs. in Crores)                    |
|--------|--------------------------------------------------------------------|------------------------------------|
| S. No. | Scheme head                                                        | 01.04.24 to 31.03.25 (Prospective) |
| 1      | Normal Development (032)                                           | 120                                |
| 2      | LT New Service Connection (061)                                    | 170                                |
| 3      | Store Material (Transformer/Meter/Pole/Cond./Cable /Other) (061M)  | 90                                 |
| 4      | HT New Service Connection (062)                                    | 20                                 |
| 5      | Store Material (Transformer/Meter/Pole /Cond./Cable /Other) (062M) | 8                                  |



|    |                                                                                   |               |
|----|-----------------------------------------------------------------------------------|---------------|
| 6  | Stop Defective Meter Replacement (032D)                                           | 27.54         |
| 7  | Mid Span Pole & Damage Pole Replacement (032P)                                    | 200           |
| 8  | Failed Transformer Replacement (032T)                                             | 120           |
| 9  | Augmentation of DTs in low voltage pump (032A)                                    | 35            |
| 10 | Mid span poles to provide safe passage to wild animals specially Elephants (032B) | 120           |
|    | <b>Total</b>                                                                      | <b>910.54</b> |

**Brief of approved CIP and actual capital expenditure from FY 2021-22 to FY 2024-25 towards ND (Obligatory) scheme is given in the table below:**  
(Rs. in Crores)

| Particulars                           | FY 2021-22 | FY 2022-23 | FY 2023-24 | FY 2024-25 | Total   |
|---------------------------------------|------------|------------|------------|------------|---------|
| <b>Approved expenditure</b>           | 195.68     | 485        | 120        | 120        | 920.68  |
| <b>Actual expenditure</b>             | 141.81     | 401.90     | 608.39     | 910.54     | 2062.64 |
| <b>Additional Capital Expenditure</b> | (53.87)    | (83.10)    | 488.39     | 790.54     | 1141.96 |

Accordingly, a petition of additional CIP of Rs. 1141.96 Crores is already filed & has been registered as petition no. 91 of 2024 and is under consideration of the Hon'ble Commission.

#### **Additional Query**

9. CSPDCL should confirm if there is any proposal for Capex regarding new office building of Chhattisgarh State Power Companies to be constructed at Naya Raipur, and the cost estimate and phasing for the same.

#### **CSPDCL REPLY**

In this regards, CSPDCL humbly submits that the management of State Power companies has decided to opt for a new HO building of CSPDCL, CSPTCL and CSPGCL at Nava Raipur.

Consequent to merger of IFFCO- Chhattisgarh power Limited with CSPGCL some land, (plot no 19, sector 24 – measuring about 6000 Sq mtr), came into the possession of CSPGCL. Therefore, for office space the state power companies jointly decided to approach NRDA for allotment of an adjacent plot, plot no 20 (measuring about 4017 Sqm.). The total estimated cost for the plot no 20 was



estimated to be Rs 2.02 Cr. The State power companies also agreed to share the cost in the ratio CSPDCL 38.98%, CSPGCL - 38.68% & CSPTCL - 22.34%.

On application, plot no 20 was allotted by NRDA issued allotment order no 3706 dt 19.05.2023. However, later on based on the locational advantage the two plots i.e. plot no 19 & 20 have been exchanged with plot no A47, Sector 24.

At present the work of building planning etc is going on. M/s Mandviwala Qutub & Associates have been appointed as Technical consultant for comprehensive planning of proposed head office complex of Chhattisgarh State Power Companies head office at Nava Raipur, Atal Nagar, Raipur at 1.44% of estimated cost or the actual cost, whichever is lower. The expected duration is stated to be approximately 30 months.

No capitalization is expected during FY 25-26. The tentative cost estimate (without IDC & other charges) for the project may be in the range of 217 Cr. (without PV, IDC, IEDC and all other incidental / infra charges etc.). At this stage for regulatory purpose, financing is assumed to be normative level. However, subject to competent approval, Debt: Equity ratio & intercompany share etc. may change.

At this stage the scheme is submitted to ensure transparent submission of an important development which may have bearing on the capital cost of the state power companies. It is prayed that Hon'ble Commission may please grant in principle approval for the project with leave for filing of separate petition by the dealing department in the matter in due course of time.

Abstract of stage estimate and fund requirement details in enclosed as Annexure-A9.

  
Executive Director (RA&PM)  
CSPDCL Raipur

LABOUR SCHEDULE CL - 15LABOUR SCHEDULE FOR LAYING OF 1 Km LENGTH OF 11 KV, 3 CORE 95 SQMM / 240 SQMM / 400 SQMM UNDERGROUND CABLE

| S. No.                             | Particulars                                                                                                             | Unit | Qty. | 2024-25                  |           |                           |           |                           |           |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------|------|--------------------------|-----------|---------------------------|-----------|---------------------------|-----------|
|                                    |                                                                                                                         |      |      | 3x95 sq.mm AB XLPE Cable |           | 3x240 sq.mm AB XLPE Cable |           | 3x400 sq.mm AB XLPE Cable |           |
|                                    |                                                                                                                         |      |      | Rate                     | Amount    | Rate                      | Amount    | Rate                      | Amount    |
| 1                                  | 2                                                                                                                       | 3    | 4    | 8                        | 9         | 10                        | 11        | 12                        | 13        |
| 1                                  | Cable trench excavation [(1.0 Mx0.75 Mx1.2 M) LxWxD]                                                                    | Cmt  | 900  | 335.83                   | 302250.60 | 335.83                    | 302250.60 | 335.83                    | 302250.60 |
| 2                                  | Spreading of sand for base pad of cable (10 cm thick & 10 cm. above cable)                                              | Mtr  | 153  | 55.97                    | 8563.77   | 55.97                     | 8563.77   | 55.97                     | 8563.77   |
| 3                                  | Laying of XLPE Cable in open trench & rising on pole through GI pipe & back filling of cable trench with excavated soil | Mtr  | 1040 | 167.92                   | 174633.68 | 167.92                    | 0.00      | 167.92                    | 0.00      |
| 4                                  | Laying of 240 sqmm 3 core XLPE cable through HDPE pipe & rising on pole through G.I. Pipe                               | Mtr  | 1040 | 0.00                     | 0.00      | 335.83                    | 349267.37 | 335.83                    | 0.00      |
| 5                                  | Laying of 400 sqmm 3 core XLPE cable through HDPE pipe & rising on pole through G.I. Pipe                               | Mtr  | 1040 | 0.00                     | 0.00      | 447.78                    | 0.00      | 447.78                    | 465689.82 |
| 6                                  | Laying of GI pipe                                                                                                       | Mtr  | 10   | 78.24                    | 782.38    | 78.24                     | 782.38    | 78.24                     | 782.38    |
| 7                                  | Fixing of rising pipe with clamps                                                                                       | Mtr  | 10   | 279.86                   | 2798.62   | 279.86                    | 2798.62   | 279.86                    | 2798.62   |
| 8                                  | Fixing of 11 kv lightning arrestor including earthing, jumpering and fixing of aluminium clamp                          | Set  | 2    | 167.92                   | 335.84    | 167.92                    | 335.84    | 167.92                    | 335.84    |
| 9                                  | Jumpering of Lightning Arrestor and cable and fixing of Aluminium lugs.                                                 | Set  | 2    | 279.86                   | 559.72    | 279.86                    | 559.72    | 279.86                    | 559.72    |
| 10                                 | Providing earthing (earthing pit digging and laying of earthing pipe complete)                                          | Set  | 2    | 1119.45                  | 2238.90   | 1119.45                   | 2238.90   | 1119.45                   | 2238.90   |
| 11                                 | Covering of cable with tiles                                                                                            | Mtr  | 1000 | 4.34                     | 4343.45   | 4.34                      | 4343.45   | 4.34                      | 4343.45   |
| 12                                 | Prepesion of chamber for cable complete & earthing 2 nos for each                                                       | No.  | 4    | LS                       | 8586.36   | LS                        | 8586.36   | LS                        | 8586.36   |
| 13                                 | Complete installation & Marking of route maker                                                                          | No.  | 20   | 324.99                   | 6499.71   | 324.99                    | 6499.71   | 324.99                    | 6499.71   |
| 14                                 | Making of Straight jointing of XLPE Cable                                                                               | No   | 2    | 3918.06                  | 7836.13   | 3918.06                   | 7836.13   | 3918.06                   | 7836.13   |
| 15                                 | Making of End jointing of XLPE Cable                                                                                    | No   | 2    | 5037.51                  | 10075.02  | 5037.51                   | 10075.02  | 5037.51                   | 10075.02  |
| TOTAL                              |                                                                                                                         |      |      |                          | 529504.19 |                           | 704137.87 |                           | 820560.33 |
| Total Labour Charges (Rounded Off) |                                                                                                                         |      |      |                          | 529504.00 |                           | 704138.00 |                           | 820560.00 |

The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.



**COMPARATIVE STATEMENT OF RATES FROM YEAR 2023-24 to 2024-25**

| S. No.                                         | Particulars of Schedules                                           | Schedule Reference | Unit    | 2023-24    | 2024-25    | %age Incr. / Decr. in cost |
|------------------------------------------------|--------------------------------------------------------------------|--------------------|---------|------------|------------|----------------------------|
|                                                |                                                                    |                    |         | TOTAL COST | TOTAL COST |                            |
| 1                                              | 2                                                                  | 3                  | 4       | 5          | 6          | 7                          |
| <b>PART-I, 33 KV LINES AND D.P. STRUCTURES</b> |                                                                    |                    |         |            |            |                            |
| (A)                                            | 33 KV line on PCC Pole / H-Beam poles with Raccoon conductor.      |                    |         |            |            |                            |
|                                                | i On 280 Kg 9.1 Mtrs long PCC poles                                | A-1(i)             | Per Km  | 527737     | 494408     | -6.32                      |
|                                                | ii On H-Beam 152 x 152 mm 37.1 Kg/ Mtr 13 Mtr long                 | A-1(ii)            | Per Km  | 902527     | 839480     | -6.99                      |
|                                                | iii On 365 Kg 11 Mtrs long PCC poles                               | A-1(iii)           | Per Km  | 592027     | 557518     | -5.83                      |
| (B)                                            | 33 KV Four Pole structure on PCC / H-Beam Pole                     | A-2 (A)            |         |            |            |                            |
|                                                | i On 280 Kg 9.1 Mtrs long PCC poles                                | A-2 (A) (i)        | Each    | 352499     | 359305     | 1.93                       |
|                                                | ii H-Beam Pole                                                     | A-2 (A) (ii)       | Each    | 500457     | 494685     | -1.15                      |
| (C)                                            | 33 KV DP Structure on PCC Pole / H-Beam Pole                       |                    |         |            |            |                            |
|                                                | i 280 Kg 9.1 Mtrs long PCC poles                                   | A-2 (B)(i)         | Each    | 78881      | 76225      | -3.37                      |
|                                                | ii 37.1 Kg /Mtrs 13 Mtrs long H-Beam supports                      | A-2 (B)(ii)        | Each    | 151102     | 142664     | -5.58                      |
|                                                | iii On 365 Kg 11 Mtrs long PCC poles                               | A-2 (B)(iii)       | Each    | 87766      | 85433      | -2.66                      |
| (D)                                            | 33 KV line on PCC Pole / H-Beam Pole with Dog conductor.           |                    |         |            |            |                            |
|                                                | i On 280 Kg, 9.1 Mtrs long PCC poles                               | A-3(i)             | Per Km  | 617343     | 588185     | -4.72                      |
|                                                | ii On H-Beam 152x152 mm, 37.1Kg/mtr 13 Mtrs long supports.         | A-3(ii)            | Per Km  | 993568     | 933259     | -6.07                      |
|                                                | iii On 365 Kg 11 Mtrs long PCC poles                               | A-3(iii)           | Per Km  | 681583     | 651193     | -4.46                      |
| (E)                                            | Augmentation of 1 km. of 33 KV line from Raccoon to Dog conductor. | A-3 (A)            | Per Km  | 406764     | 382995     | -5.84                      |
| (F)                                            | Additional (Mid Span) Pole for 33 KV Line                          | A-3 (B)            |         |            |            |                            |
|                                                | i On H-Beam 152x152 mm, 37.1Kg/mtr 13 Mtrs long supports.          | A-3 (B)(i)         | Per No. | 55970      | 52224      | -6.69                      |



**COMPARATIVE STATEMENT OF RATES FROM YEAR 2023-24 to 2024-25**

| S. No.                         | Particulars of Schedules                                                                            | Schedule Reference                                                  | Unit     | 2023-24<br>TOTAL COST | 2024-25<br>TOTAL COST | %tage Incr. / Decr..<br>in cost |       |
|--------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------|-----------------------|-----------------------|---------------------------------|-------|
| 1                              | 2                                                                                                   | 3                                                                   | 4        | 5                     | 6                     | 7                               |       |
| Part-II, 33/11 kV SUB-STATIONS |                                                                                                     |                                                                     |          |                       |                       |                                 |       |
| (A)                            | New Sub-stations:                                                                                   |                                                                     |          |                       |                       |                                 |       |
|                                | i                                                                                                   | 1.6 MVA, 33/11 kV S/s expandable to 2 x 1.6 MVA with control room   | B-1(i)   | Each                  | 10627955              | 10579871                        | -0.45 |
|                                | ii                                                                                                  | 3.15 MVA, 33/11 kV S/s expandable to 2 x 3.15 MVA with control room | B-1(ii)  | Each                  | 13900442              | 13693535                        | -1.49 |
|                                | iii                                                                                                 | 5 MVA, 33/11 kV S/s expandable to 2 x 5 MVA with control room       | B-1(iii) | Each                  | 16862746              | 16533311                        | -1.95 |
|                                |                                                                                                     |                                                                     |          |                       |                       |                                 |       |
| (B)                            | 33/11 kV Power Transformer                                                                          |                                                                     |          |                       |                       |                                 |       |
|                                | i                                                                                                   | 1.6 MVA                                                             | B-2(i)   | Each                  | 1705254               | 1627926                         | -4.53 |
|                                | ii                                                                                                  | 3.15 MVA                                                            | B-2(ii)  | Each                  | 4916664               | 4681633                         | -4.78 |
|                                | iii                                                                                                 | 5.0 MVA                                                             | B-2(iii) | Each                  | 6676387               | 6354713                         | -4.82 |
| (C)                            | Installation of additional transformer for parallel operation with one additional bay on 11 kV side |                                                                     |          |                       |                       |                                 |       |
|                                | i                                                                                                   | 1.6 MVA                                                             | B-3(i)   | Each                  | 5113571               | 4991026                         | -2.40 |
|                                | ii                                                                                                  | 3.15 MVA                                                            | B-3(ii)  | Each                  | 8756300               | 8453972                         | -3.45 |
|                                | iii                                                                                                 | 5.0 MVA                                                             | B-3(iii) | Each                  | 10516024              | 10127052                        | -3.70 |
| (D)                            | 11 kV Out door yard extension for additional bay with circuit breaker.                              | B-4                                                                 | Each     | 824699                | 807605                | -2.07                           |       |

**COMPARATIVE STATEMENT OF RATES FROM YEAR 2023-24 to 2024-25**

| S. No.   |     | Particulars of Schedules                                                                                                            |          | Schedule Reference | Unit       | 2023-24 | 2024-25 | %tage Incr. / Decr. |
|----------|-----|-------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------|------------|---------|---------|---------------------|
| 1        | 2   | 3                                                                                                                                   | 4        | TOTAL COST         | TOTAL COST | 5       | 6       | in cost             |
| METERING |     |                                                                                                                                     |          |                    |            |         |         |                     |
| (A)      | 1   | Metering of 11/0.4 kV Distribution X'mer                                                                                            | E-1      |                    |            |         |         |                     |
|          | i   | 25 kVA Transformer                                                                                                                  | E-1(i)   | Each               | 23567      | 12003   | -49.07  |                     |
|          | ii  | 63 kVA Transformer                                                                                                                  | E-1(ii)  | Each               | 23567      | 12003   | -49.07  |                     |
|          | iii | 100 kVA Transformer                                                                                                                 | E-1(iii) | Each               | 22524      | 11014   | -51.10  |                     |
|          | iv  | 200 kVA Transformer                                                                                                                 | E-1(iv)  | Each               | 22607      | 11103   | -50.89  |                     |
|          |     | Meter modernisation- Replacing the existing meters with electronic meters which are highly capable of improving billing efficiency. |          |                    |            |         |         |                     |
| (B)      | 2   | Cost of meter replacement of single phase consumer along with shifting of meter outside the premises.                               | E-2      | Each               |            |         |         |                     |
|          | i   | With Armoured service cable                                                                                                         | E-2(i)   | Each               | 4058       | 3949    | -2.69   |                     |
|          | ii  | With Unarmoured service cable                                                                                                       | E-2(ii)  | Each               | 3555       | 3477    | -2.19   |                     |
| (C)      | 3   | Cost of meter replacement of three phase consumer along with shifting of meter outside                                              | E-3      | Each               |            |         |         |                     |
|          | i   | With Armoured service cable                                                                                                         | E-3(i)   | Each               | 7380       | 7353    | -0.37   |                     |
|          | ii  | With Unarmoured service cable                                                                                                       | E-3(ii)  | Each               | 6986       | 6984    | -0.03   |                     |
| (D)      | 4   | Cost of meter replacement of three phase consumer CT Operated meter along with shifting of meter outside the premises.              | E-4      | Each               | 4203       | 3259    | -22.46  |                     |
|          | 5   | Meter shifting of Single phase consumer to outside of premises with New Service Cable.                                              | E-5      | Each               |            |         |         |                     |
| (E)      | i   | With Armoured service cable                                                                                                         | E-5(i)   | Each               | 3096       | 2980    | -3.75   |                     |
|          | ii  | With Unarmoured service cable                                                                                                       | E-5(ii)  | Each               | 2593       | 2508    | -3.28   |                     |
|          | 6   | Meter shifting of Three phase consumer to outside of premises with New Service Cable.                                               | E-6      | Each               |            |         |         |                     |
| (F)      | i   | With Armoured service cable                                                                                                         | E-6(i)   | Each               | 5323       | 5125    | -3.72   |                     |



**RATE OF STOCK MATERIALS IN SoR OF 2024-25**

RATE OF ALL MATERIALS ARE INCLUSIVE OF G.S.T. UNLESS MENTIONED SPECIFICA

| Material Code | Description                                                   | Unit     | Unit rate for 2024-25 |
|---------------|---------------------------------------------------------------|----------|-----------------------|
| 7130200201    | 1:1.5:3 Ratio                                                 | Cmt      | 4073.00               |
| 7130200001    | 1:2:4 Ratio                                                   | Cmt      | 3552.00               |
| 7130200202    | 1:3:6 Ratio                                                   | Cmt      | 2970.00               |
| 7130200204    | Route & joint indicating stone with M.S. anchor rod           | Nos.     | 206.73                |
| 7130200401    | Cement in 50 kg bags                                          | Bags     | 403.20                |
| 7130201343    | Cable covering tiles 250x250x40 mm                            | Each     | 34.50                 |
| 7130210809    | Aluminium Paint                                               | Ltr.     | 428.26                |
| 7130211121    | Grey Enamel Paint smoke/battle ship                           | Ltr      | 327.87                |
| 7130211158    | Red Oxide Paint                                               | Ltr.     | 191.67                |
| 7130300025    | LT 3 phase 5 Wire Aerial Bunched Cable of Size 3X70+1X16+1X50 | km       | 230806.86             |
| 7130310007    | 70 Sqmm.                                                      | Km.      | 65402.23              |
| 7130310008    | 120 Sqmm.                                                     | Km.      | 122207.07             |
| 7130310020    | 33 kV 3 CORE XLPE UG CABLE 3x400 Sq.mm.                       | km       | 2754595.78            |
| 7130310021    | 35 Sqmm.                                                      | Km.      | 42112.89              |
| 7130310022    | 50 Sqmm.                                                      | Km.      | 47771.26              |
| 7130310031    | LT 3 phase 5 Wire Aerial Bunched Cable of Size 3X16+1X16+1X25 | km       | 96490.00              |
| 7130310032    | LT 3 phase 5 Wire Aerial Bunched Cable of Size 3X25+1X16+1X25 | km       | 106768.55             |
| 7130310033    | LT 3 phase 5 Wire Aerial Bunched Cable of Size 3X35+1X16+1X25 | km       | 112323.40             |
| 7130310038    | 2.5 Sqmm.                                                     | Per Mtr. | 8.83                  |
| 7130310039    | 6.0 Sqmm.                                                     | Per Mtr. | 37.25                 |
| 7130310040    | 10 Sq.mm.                                                     | Per Mtr. | 77.18                 |
| 7130310041    | 150 Sqmm.                                                     | Km.      | 130112.36             |
| 7130310042    | 16.0 Sqmm.                                                    | km       | 50387.44              |
| 7130310044    | 10 Sq.mm.                                                     | km       | 73186.53              |
| 7130310005    | 25 Sq.mm.                                                     | km       | 116310.39             |
| 7130310049    | 120 Sq.mm.                                                    | km       |                       |



1 KM OF 3 PHASE 5 WIRE LT LINE ON R.S. JOIST WITH ACSR CONDUCTOR FOR URBAN AREAS

Material cost including GST and labour:



**New 33/11KV S/S, 11 KV SYSTEM : POWER LOSS, VOLTAGE REGULATION  
(BEFORE AND AFTER MODIFICATION)**

**Annexure-A7**

| S. No. | Name of Dn | Name of Existing 33/11 KV Substation | 11KV LINE SECTION                    |           |                 |                      | EXISTING SYSTEM WITH EXISTING LOAD |                 |       | EXISTING SYSTEM WITH HORIZON LOAD |                 |       | IMPROVED SYSTEM WITH HORIZON LOAD |                      |  | Proposed new S/s |
|--------|------------|--------------------------------------|--------------------------------------|-----------|-----------------|----------------------|------------------------------------|-----------------|-------|-----------------------------------|-----------------|-------|-----------------------------------|----------------------|--|------------------|
|        |            |                                      | Name of 11 KV Feeder                 | Length Km | Max. Demand MVA | Voltage Regulation % | Annual Loss (LU)                   | Max. Demand MVA | V R % | Annual Loss (LU)                  | Max. Demand MVA | V R % | Annual Loss (LU)                  |                      |  |                  |
| 1      | 2          | 3                                    | 4                                    | 5         | 6               | 7                    | 8                                  | 9               | 10    | 11                                | 12              | 13    | 14                                | 15                   |  |                  |
| 1      | Pathalgaon | 33/11 KV S/S LUDEG                   | Existing 11kv Trisoth feeder         | 23.27     | 1.83            | 12.02                | 16.05                              | 3.31            | 20.6  | 29.25                             | 0.781           | 1.71  | 0.79                              | Shekharpur           |  |                  |
|        |            |                                      | Residual 11 kv Trisoth feeder A to J | 8.67      |                 |                      |                                    |                 |       |                                   | 0.781           | 1.71  | 0.79                              |                      |  |                  |
|        |            |                                      | proposed new 11 kv C To D            | 7.8       | 0.86            | 1.44                 | 1.95                               |                 |       |                                   | 1.2             | 0.18  | 0.21                              |                      |  |                  |
|        |            |                                      | proposed new 11 kv K To J            | 6.8       | 0.381           | 0.87                 | 0.2                                |                 |       |                                   | 0.514           | 0.29  | 0.05                              |                      |  |                  |
|        |            |                                      | Existing 11kv Bangaon feeder         | 23.35     | 1.92            | 11.15                | 19.2                               | 3.29            | 19.11 | 34.99                             | 1.46            | 1.76  | 2.87                              |                      |  |                  |
|        |            |                                      | Residual 11 kv Bangaon feeder        | 15.8      |                 |                      |                                    |                 |       |                                   | 1.46            | 1.76  | 2.87                              |                      |  |                  |
|        |            |                                      | proposed new 11 kv H To I            | 7.55      |                 |                      |                                    |                 |       |                                   | 1.2             | 0.23  | 0.16                              |                      |  |                  |
|        |            |                                      | Existing 11kv Town-2 feeder          | 18.39     | 2.286           | 16.68                | 13.12                              | 3.086           | 28.59 | 23.92                             |                 |       |                                   |                      |  |                  |
|        |            |                                      | Residual 11 kv Town-2 feeder W to A  | 5.8       |                 |                      |                                    |                 |       |                                   | 1.047           | 2.42  | 0.95                              |                      |  |                  |
|        |            |                                      | proposed new 11 kv FEEDER-1          | 5.85      |                 |                      |                                    |                 |       |                                   | 0.514           | 4.07  | 0.66                              |                      |  |                  |
| 2      | Pathalgaon | 33/11 KV S/S Pathalgaon              | proposed new 11 kv FEEDER-2          | 5.5       |                 |                      |                                    |                 |       |                                   | 0.781           | 5.54  | 0.79                              | Injko                |  |                  |
|        |            |                                      | proposed new 11 kv FEEDER-3          | 5.3       |                 |                      |                                    |                 |       |                                   | 0.781           | 5.8   | 1.18                              |                      |  |                  |
|        |            |                                      | Existing 11 kv Town feeder           | 12        | 2.1             | 12.63                | 4.06                               | 2.5             | 15.36 | 6.23                              |                 |       |                                   |                      |  |                  |
|        |            |                                      | Residual 11 kvTown feeder            | 6         |                 |                      |                                    |                 |       |                                   | 2.4             | 2.75  | 0.97                              |                      |  |                  |
|        |            |                                      | New 11KV Parshuram Feeder            | 6         |                 |                      |                                    |                 |       |                                   | 1.1             | 2.29  | 0.3                               |                      |  |                  |
| 3      | CHAMPA     | 33/11 KV S/S Division office CHAMPA  | Existing 11kv Tahsil Feeder          | 6.4       | 1.6             | 5.18                 | 2.7                                | 2.1             | 8     | 4                                 | 1.58            | 3.21  | 0.5                               | Gandhi bhawan champa |  |                  |
|        |            |                                      | Residual 11 kv tahsil feeder         | 3.8       |                 |                      |                                    |                 |       |                                   | 0.52            | 0.51  | 0.95                              |                      |  |                  |
|        |            |                                      | New 11KV College Road Feeder         | 3         |                 |                      |                                    |                 |       |                                   |                 |       |                                   |                      |  |                  |
|        |            |                                      | Existing 11kv New Bustand Feeder     | 8.8       | 2               | 5.91                 | 3.89                               | 2.95            | 6.97  | 5.68                              | 1.22            | 3.21  | 0.86                              |                      |  |                  |
|        |            |                                      | Residual 11 kv New Bustand Feeder    | 3.8       |                 |                      |                                    |                 |       |                                   |                 |       |                                   |                      |  |                  |
| 4      | PITHORA    | JHARA                                | New 11KV New Nagar Palika Feeder     | 5         |                 |                      |                                    |                 |       |                                   | 1.73            | 1.13  | 0.3                               | Soram                |  |                  |
|        |            |                                      | EXIS PARSAPALI                       | 16.5      | 1.5             | 8.6                  | 2.1                                | 1.8             | 9     | 2.4                               |                 |       |                                   |                      |  |                  |
|        |            |                                      | EXIS MUDIYADIH                       | 14.8      | 1.66            | 8.8                  | 2.4                                | 1.9             | 9.2   | 2.6                               |                 |       |                                   |                      |  |                  |
|        |            |                                      | PROP SORAM                           | 2         |                 |                      |                                    |                 |       |                                   | 1.2             | 2.11  | 0.18                              |                      |  |                  |
|        |            |                                      | PROP PALI                            | 2.8       |                 |                      |                                    |                 |       |                                   | 1.5             | 0.99  | 0.11                              |                      |  |                  |
| 5      | Sagaripali | Sagaripali                           | PROP NAYAKBANDHA                     | 3.2       |                 |                      |                                    |                 |       |                                   | 1.1             | 1.78  | 0.26                              | Dutikona             |  |                  |
|        |            |                                      | 11 KV Existing Lambar Feeder         | 49.3      | 1.89            | 10.95                | 1.73                               | 1.98            | 11.50 | 1.82                              |                 |       |                                   |                      |  |                  |
|        |            |                                      | 11KV prop. Dongaripali               | 35.3      |                 |                      |                                    |                 |       |                                   | 1.03            | 6.28  | 0.52                              |                      |  |                  |
|        |            |                                      | 11 KV Lambar Residual Feeder         | 6.7       |                 |                      |                                    |                 |       |                                   | 0.86            | 1.83  | 0.36                              |                      |  |                  |
|        |            |                                      | 11 KV Existing Dhutikona Feeder      | 48.6      | 1.8             | 7.97                 | 1.58                               | 1.89            | 8.37  | 1.66                              |                 |       |                                   |                      |  |                  |
| 6      | Caramali   | Caramali                             | 11KV prop. Karnapali                 | 26.8      |                 |                      |                                    |                 |       |                                   | 1.03            | 5.49  | 0.52                              | Caramali.2           |  |                  |
|        |            |                                      | 11 KV Residual Dhutikona Feeder      | 22.4      |                 |                      |                                    |                 |       |                                   | 0.69            | 3.07  | 0.36                              |                      |  |                  |
|        |            |                                      | 11 KV Existing Town-1 Feeder         | 24.30     | 2.74            | 24.24                | 3.67                               | 2.88            | 25.45 | 3.85                              |                 |       |                                   |                      |  |                  |
|        |            |                                      | 11 KV Pro. Jai stambh chouk          | 4.70      |                 |                      |                                    |                 |       |                                   | 0.63            | 2.88  | 0.18                              |                      |  |                  |
|        |            |                                      | 11 KV Pro. Post office               | 3.10      |                 |                      |                                    |                 |       |                                   | 0.63            | 1.79  | 0.18                              |                      |  |                  |

|   |           |           |                                      |       |      |      |      |      |      |      |        |      |      |      |  |
|---|-----------|-----------|--------------------------------------|-------|------|------|------|------|------|------|--------|------|------|------|--|
| 6 | SARAIPALI | Durgapali | 11 KV Pro. Bhanwarpur Road           | 5.60  |      |      |      |      |      |      |        | 0.45 | 2.68 | 0.09 |  |
|   |           |           | 11 KV Pro Bus Stand                  | 2.20  |      |      |      |      |      |      |        | 0.54 | 0.70 | 0.14 |  |
| 7 | SARAIPALI | Durgapali | 11 KV Residual                       | 9.80  |      |      |      |      |      |      |        | 0.94 | 9.14 | 0.41 |  |
|   |           |           | 11 KV Existing Pirda Basti Feeder    | 30.00 | 1.89 | 4.25 | 1.73 | 1.98 | 4.46 | 1.82 | 1.9845 | 4.46 | 1.82 |      |  |
| 8 | SARAIPALI | Durgapali | 11 KV Prop. Durugpali Basti Feeder   | 11.50 |      |      |      |      |      |      | 0.54   | 1.98 | 0.14 |      |  |
|   |           |           | 11 KV Residual                       | 19.80 |      |      |      |      |      |      | 1.26   | 3.89 | 0.74 |      |  |
| 7 | SARAIPALI | Durgapali | 11 KV Existing Tarekela pump Feeder  | 50.00 | 2.06 | 4.66 | 2.06 | 2.16 | 4.89 | 2.17 |        |      |      |      |  |
|   |           |           | 11 KV Prop. Baghmada pump Feeder     | 34.70 |      |      |      |      |      |      | 1.26   | 1.89 | 0.74 |      |  |
| 7 | SARAIPALI | Durgapali | 11 KV Residual Tarekela Feeder       | 15.60 |      |      |      |      |      |      | 0.54   | 1.10 | 0.14 |      |  |
|   |           |           | 11 KV Existing Durugpali pump Feeder | 19.00 | 2.40 | 5.87 | 2.81 | 2.52 | 6.16 | 2.95 |        |      |      |      |  |
| 7 | SARAIPALI | Durgapali | 11 KV Prop. Chergadhoda pump Feeder  | 12.00 |      |      |      |      |      |      | 1.08   | 4.90 | 0.54 |      |  |
|   |           |           | 11 KV Residual Durugpali pump Feeder | 8.90  |      |      |      |      |      |      | 0.90   | 2.52 | 0.38 |      |  |
| 7 | SARAIPALI | Durgapali | 11 KV Existing Rice mill Feeder      | 12.00 | 2.06 | 7.47 | 2.06 | 2.16 | 7.84 | 2.17 |        |      |      |      |  |
|   |           |           | 11 KV Prop. Dudhipali feeder         | 3.80  |      |      |      |      |      |      | 0.72   | 0.23 | 0.24 |      |  |
| 7 | SARAIPALI | Durgapali | 11 KV Prop. Chhote Dhaba feeder      | 4.50  |      |      |      |      |      |      | 0.54   | 0.84 | 0.14 |      |  |
|   |           |           | 11 KV Residual Rice mill Feeder      | 4.20  |      |      |      |      |      |      | 0.72   | 6.24 | 0.24 |      |  |
| 7 | SARAIPALI | Durgapali | 11 KV existing Bichhiya HVDS         | 22.70 | 2.57 | 5.4  | 3.22 | 2.70 | 5.67 | 3.38 |        |      |      |      |  |
|   |           |           | 11 KV Prop. Pump feeder              | 12.50 |      |      |      |      |      |      | 0.90   | 1.91 | 0.38 |      |  |
| 7 | SARAIPALI | Durgapali | 11 KV Residual Bichhiya HVDS         | 10.80 |      |      |      |      |      |      | 1.62   | 3.06 | 1.22 |      |  |
|   |           |           |                                      |       |      |      |      |      |      |      |        |      |      |      |  |



**Annexure - 48**  
**Table-2**  
**New 33/11 KV S/s : POWER LOSS, VOLTAGE REGULATION**  
**PROPOSED LOAD SHARING PROGRAMME**

FORMAT-1

| S. No. | Name of Circle | Name of Dn  | Name of 33/11 KV Existing S/s   | Capacity (No.X MVA) | Existing MD MVA | Proposed Load sharing     |                          | Proposed capacity of S/S |
|--------|----------------|-------------|---------------------------------|---------------------|-----------------|---------------------------|--------------------------|--------------------------|
|        |                |             |                                 |                     |                 | programme                 | Name of proposed new S/s |                          |
|        |                |             |                                 |                     |                 | Load transfer to          |                          |                          |
|        |                |             |                                 |                     |                 |                           |                          |                          |
| 1      | 2              | 3           | 7                               | 8                   | 9               | 12                        | 17                       |                          |
| 1      | Raipur City-I  | West        | Changorabhatha<br>Raipura       | 13<br>10            | 10.61<br>5.89   | Kushal Grih nirman Samiti | 5 MVA                    |                          |
| 2      | Raipur City-I  | West        | Rawanbhatha                     | 23                  | 17.34           | Tikrapara                 | 5 MVA                    |                          |
|        | Raipur City-I  | Central     | Kapda market                    | 10                  | 9.42            | Pandri Bus stand          | 5 MVA                    |                          |
|        |                |             | IAS Medical                     | 10,20               | 5.71,14.48      |                           |                          |                          |
|        |                |             | 132 KV Gudhiyari ,<br>Khamtarai | 120<br>13           | 104.5<br>7.7    |                           |                          |                          |
| 4      | Raipur City-II | North       | Transport nagar<br>GP Ispat     | 16.15<br>10         | 14.1<br>5       | Metal Park                | 5 MVA                    |                          |
| 5      | Raipur City-II | Urla        | GP Ispat                        | 10                  | 14.1            | 5                         | 5 MVA                    |                          |
| 6      | Raipur City-II | Urla        | Urla                            | 10                  | 6               | CSPCL colony              | 5 MVA                    |                          |
| 7      | Raipur City-II | Siltara     | Siltara                         | 15                  | 8.3             | Mandhar                   | 3.15 MVA                 |                          |
| 8      | Raipur         | Raipur      | Tilda                           | 10                  | 7.62            | PNB School Tilda          | 3.15 MVA                 |                          |
| 9      | Raipur         | N.Rajim     | Chhindbahara                    | 10                  | 9               | Koma                      | 5 MVA                    |                          |
| 10     | Raipur         | N.Rajim     | Pasaud<br>Fingeshwar            | 10<br>10            | 8.3<br>8.95     | Sirrikala (Polkarra)      | 5 MVA                    |                          |
| 11     | Raipur         | N.Rajim     | Koundkera<br>Fingeshwar         | 8.15<br>10          | 7.1<br>8.95     | Khuteri                   | 5 MVA                    |                          |
| 12     | Raipur         | Atalnagar   | Arang                           | 3.15                | 2.85            | Goinda                    | 3.15 MVA                 |                          |
| 13     | Raipur         | Dhamtari    | Belargaon                       | 10                  | 5.6             | Kasapur                   | 3.15 MVA                 |                          |
| 14     | Raipur         | Kurud       | Kurud                           | 10                  | 7.24            | Charmudiya                | 3.15 MVA                 |                          |
| 15     | Balodabazar    | Balodabazar | Risda                           | 6.3                 | 3.95            | Khamariya                 | 5 MVA                    |                          |
| 16     | Balodabazar    | Balodabazar | Gadabhatha                      | 5                   | 3.83            | Dannadih                  | 5 MVA                    |                          |

[illegible]



|    |           |                |                          |       |       |                          |          |
|----|-----------|----------------|--------------------------|-------|-------|--------------------------|----------|
| 47 | Kawardha  | Kawardha       | Gudha                    | 8.15  | 6.9   | Koylarideeh              | 5 MVA    |
| 48 | Kawardha  | Kawardha       | Joratal,rajanawagao<br>n | 5,10  | 13.35 | Sarekha                  | 5 MVA    |
| 49 | Kawardha  | Pandariya      | Taregaon Jungle          | 3.15  | 3     | Daldali                  | 5 MVA    |
| 50 | Kawardha  | Pandariya      | Mainpura Pandariya       | 10    | 9.03  | Pauni                    | 5 MVA    |
| 51 | Kawardha  | Pandariya      | Kunda                    | 10    | 8.63  | Bhuwalpur                | 5 MVA    |
|    |           |                | Mahali                   | 10    | 9.1   |                          |          |
| 52 | Jagdarpur | Jagdarpur      | Taragaon                 | 3.15  | 2.32  | Matnar                   | 3.15 MVA |
| 53 | Jagdarpur | Jagdarpur City | Jagdarpur (Town)         | 10    | 9.28  | Kumharpara               | 3.15 MVA |
| 54 | Jagdarpur | Dantewada      | barsur                   | 4.75  | 3.52  | Pahurnar                 | 3.15 MVA |
| 55 | Kanker    | Kanker         | Musurputta               | 10    | 8.82  | Mandabharri              | 5 MVA    |
| 56 | Kanker    | Kanker         | kanker(T)                | 13.15 | 11.26 | Eka nagar                | 5 MVA    |
| 57 | Kanker    | Kanker         | Lilejhar                 | 10    | 9.65  | Puri                     | 5 MVA    |
| 58 | Kanker    | Kanker         | Lakhanpuri               | 8.15  | 6.65  | Industrial area (L'puri) | 5 MVA    |
| 59 | Kanker    | Kondagaon      | Lanjoda                  | 8.15  | 8.02  | Bhanpuri                 | 5 MVA    |
|    |           |                | Badedongar               | 6.3   | 5.14  |                          |          |
| 60 | Kanker    | Kondagaon      | Lanjoda                  | 8.15  | 8.02  | Balond                   | 5 MVA    |
|    |           |                | Randhna                  | 8.15  | 8.1   |                          |          |
| 61 | Kanker    | Kondagaon      | Girola                   | 6.3   | 4.98  |                          |          |
|    |           |                | Makdi                    | 6.3   | 5.79  | Palli (Shampur)          | 5 MVA    |
|    |           |                | Collectrate              | 3.15  | 3.08  |                          |          |
| 62 | Kanker    | Kondagaon      | Kondagaon town           | 10    | 7.88  | Kondagaon (Loharpara)    | 5 MVA    |
| 63 | Kanker    | Kondagaon      | Garka                    | 8.15  | 6.86  | Pipra                    | 5 MVA    |
|    |           |                | Pharasgaon               | 8.15  | 8.1   |                          |          |
| 64 | Kanker    | Pakhanjore     | Pakhanjore               | 15    | 13.33 | Lakhanpur                | 3.15 MVA |

|     |               |                |                            |      |       |                             |          |
|-----|---------------|----------------|----------------------------|------|-------|-----------------------------|----------|
| 65  | Kanker        | Pakhanjore     | Bande                      | 10   | 8.39  | Maroda                      | 3.15 MVA |
| 66  | Kanker        | Bhanupratappur | Bhanupratappur             | 10   | 8.96  | Karmoti                     | 3.15 MVA |
| 67  | Kanker        | Bhanupratappur | Bhanbeda                   | 6.3  | 6.2   | Baijanpuri                  | 3.15 MVA |
| 68  | Bilaspur City | Dn-II-West     | B.Bazar,<br>RTO Shanichari | 15   | 9.15  | Old bus stand               | 5 MVA    |
| 69  | Bilaspur City | Dn-I-East      | Sirgitti "A"               | 10   | 6.86  |                             |          |
| 70  | Bilaspur      | Mungeli        | Silpahari                  | 10   | 9.18  | Ganesh Nagar                | 5 MVA    |
| 71  | Bilaspur      | Mungeli        | Silpahari                  | 10   | 5.9   |                             |          |
| 72  | Bilaspur      | Mungeli        | Belpa                      | 8.15 | 6.478 | Vijaypur                    | 5 MVA    |
| 73  | Bilaspur      | Mungeli        | Singhanpuri                | 8.15 | 6.67  | Mohitara                    | 5 MVA    |
| 74  | Bilaspur      | Mungeli        | Manoharpur                 | 8.15 | 7.15  | Chitawar                    | 5 MVA    |
| 75  | Bilaspur      | Mungeli        | Girdhouna                  | 10   | 8.57  |                             |          |
| 76  | Bilaspur      | Mungeli        | Barela                     | 15   | 11.05 |                             |          |
| 77  | Bilaspur      | Mungeli        | Sildaha                    | 10   | 9.144 |                             |          |
| 78  | Bilaspur      | Mungeli        | Pathariya                  | 13.5 | 12    | Dhardehi (Roharakala)       | 5 MVA    |
| 79  | Bilaspur      | Mungeli        | Masturi                    | 10   | 9.62  | Limtara                     | 5 MVA    |
| 80  | Bilaspur      | Mungeli        | Chilhathi                  | 5    | 4.95  | Pondi                       | 5 MVA    |
| 81  | Bilaspur      | Mungeli        | Chorbatti                  | 10   | 9.39  | Khamtarai                   | 5 MVA    |
| 82  | Bilaspur      | Mungeli        | Ashok nagar                | 10   | 9.48  |                             |          |
| 83  | Bilaspur      | Mungeli        | Basant vihar               | 10   | 9.8   |                             |          |
| 84  | Bilaspur      | Mungeli        | Katra                      | 10   | 9.64  | Baraur                      | 5 MVA    |
| 85  | Bilaspur      | Mungeli        | Kohadiya                   | 5    | 2.85  | Rungada Polytechnic college | 5 MVA    |
| 86  | Bilaspur      | Mungeli        | Tulsinagar                 | 5    | 3.62  | Ratakhar                    | 5 MVA    |
| 87  | Bilaspur      | Mungeli        | Rampur                     | 3.15 | 2.28  | Madwani                     | 3.15 MVA |
| 88  | Bilaspur      | Mungeli        | Kanki                      | 6.3  | 3.14  | Tarda                       | 3.15 MVA |
| 89  | Bilaspur      | Mungeli        | Bhilai bazar               | 5    | 3.81  |                             |          |
| 90  | Bilaspur      | Mungeli        | Bhilai bazar               | 5    | 4     | Mudapar                     | 3.15 MVA |
| 91  | Bilaspur      | Mungeli        | Khisora                    | 3.15 | 2.29  | Umreli                      | 3.15 MVA |
| 92  | Bilaspur      | Mungeli        | Sohagpur                   | 8.15 | 5.72  | Tanakhar                    | 3.15 MVA |
| 93  | Bilaspur      | Mungeli        | Katghora                   | 10   | 8.57  | Gursia                      | 3.15 MVA |
| 94  | Bilaspur      | Mungeli        | Podiuproda                 | 3.15 | 2.28  |                             |          |
| 95  | Bilaspur      | Mungeli        | Salni                      | 10   | 9.71  | Bhothiya                    | 5 MVA    |
| 96  | Bilaspur      | Mungeli        | Akalsara                   | 6.3  | 4.95  | Chantipali                  | 5 MVA    |
| 97  | Bilaspur      | Mungeli        | Malkharouda                | 10   | 9.05  |                             |          |
| 98  | Bilaspur      | Mungeli        | Hanumandhara               | 8.15 | 7.3   | Gandhi bhawan champa        | 3.15 MVA |
| 99  | Bilaspur      | Mungeli        | Division office champa     | 8.15 | 6.9   | Chhapora                    | 3.15 MVA |
| 100 | Bilaspur      | Mungeli        | Pussore                    | 15   | 13.62 |                             |          |
| 101 | Bilaspur      | Mungeli        | Old Sariya                 | 10   | 8.48  | Bore                        | 5 MVA    |
| 102 | Bilaspur      | Mungeli        | Bar                        | 8.15 | 8.48  |                             |          |



|     |             |              |               |       |      |                      |          |
|-----|-------------|--------------|---------------|-------|------|----------------------|----------|
| 91  | Raigarh     | Sarangarh    | Bar           | 8.15  | 7.3  | Sukhapali            | 3.15 MVA |
|     |             |              | Bonda         | 5     | 4.85 |                      |          |
|     |             |              | Gobarsingha   | 5     | 4.57 |                      |          |
| 92  | Raigarh     | Sarangarh    | Kosir         | 10    | 8.85 | Jashpur (Sarangarh)  | 3.15 MVA |
|     |             |              | ITI           | 8.15  | 6.2  |                      |          |
| 93  | Raigarh     | Raigarh-I    | Ckt house     | 10    | 8.09 | Vijaypur (Raigarh)   | 3.15 MVA |
|     |             |              | Lakhanpur     | 8.15  | 5.49 |                      |          |
| 94  | Ambikapur   | Ambikapur    | Udaypur       | 6.3   | 4.11 | Nawapara (Lakhanpur) | 3.15 MVA |
| 95  | Ambikapur   | Balrampur    | Balrampur (T) | 10    | 9.2  | Semli mod            | 5 MVA    |
| 96  | Ambikapur   | Pathalgaon   | Pathalgaon    | 8.15  | 7.88 | Injiko               | 5 MVA    |
| 97  | Ambikapur   | Pathalgaon   | Liudeg        | 6.3   | 3.77 | Shekharpur           | 5 MVA    |
| 98  | Baikunthpur | Manendragarh | khadgawan     | 8.15  | 4.9  | Katkona (Devadand)   | 3.15 MVA |
| 99  | Baikunthpur | Manendragarh | khadgawan     | 8.15  | 4.9  | Ratanpur             | 3.15 MVA |
| 100 | Baikunthpur | Manendragarh | baikunthpur   | 13.15 | 9.2  | Amgaon               | 5 MVA    |

**IMPROVED SYSTEM STATUS  
AUGMENTATION OF SUBSTATION CAPACITY**

Table-3

| Sl. No. | Name of Circle | Name of Dn | Name of existing Substation | Capacity (No.X MVA) | Existing load in Amp (11 KV Side) | AUGMENTATION OF SUB-STATION CAPACITY |          | Additional Capacity Added (MVA) | Remarks |
|---------|----------------|------------|-----------------------------|---------------------|-----------------------------------|--------------------------------------|----------|---------------------------------|---------|
|         |                |            |                             |                     |                                   | From                                 | To       |                                 |         |
|         |                |            |                             |                     |                                   | No X MVA                             | No X MVA |                                 |         |
| 1       | 2              | 3          | 7                           | 8                   | 9                                 | 10                                   | 11       | 12                              | 13      |
| 1       | Raipur CC-I    | East       | Shankarnagar-2              | 2x5                 | 226                               | 5                                    | 8        | 3                               | 5-8     |
| 2       | Raipur CC-I    | West       | Rawanbhattha                | 3x5+8               | 226                               | 5                                    | 8        | 3                               | 5-8     |
| 3       | Raipur CC-I    | West       | Rawanbhattha                | 3x5+8               | 247                               | 5                                    | 8        | 3                               | 5-8     |
| 4       | Raipur CC-I    | West       | Daganiya                    | 3x5+8               | 225                               | 5                                    | 8        | 3                               | 5-8     |
| 5       | Raipur CC-I    | West       | DD Nagar                    | 2x5                 | 238                               | 5                                    | 8        | 3                               | 5-8     |
| 6       | Raipur CC-I    | West       | Nutan Ricemill              | 2x5                 | 223                               | 5                                    | 8        | 3                               | 5-8     |
| 7       | Raipur CC-I    | West       | Changorabhattha             | 1x5+1x8             | 250                               | 5                                    | 8        | 3                               | 5-8     |
| 8       | Raipur CC-I    | East       | VIP Mowa                    | 2x5                 | 250                               | 5                                    | 8        | 3                               | 5-8     |
| 9       | Raipur CC-I    | East       | Ashoka ratan                | 2x5                 | 260                               | 5                                    | 8        | 3                               | 5-8     |
| 10      | Raipur CC-I    | Central    | Raibandha                   | 2x5                 | 240                               | 5                                    | 8        | 3                               | 5-8     |
| 11      | Raipur CC-I    | Central    | Sports Complex              | 2x5                 | 230                               | 5                                    | 8        | 3                               | 5-8     |
| 12      | Raipur CC-I    | South      | Purena                      | 2x5+2x8             | 260                               | 5                                    | 8        | 3                               | 5-8     |
| 13      | Raipur CC-I    | South      | Police housing ss           | 3.15                | 132                               | 3.15                                 | 5        | 1.85                            | 3.15-5  |
| 14      | Raipur CC-I    | Central    | Medical Ss                  | 2x5+10              | 260                               | 5                                    | 8        | 3                               | 5-8     |
| 15      | Raipur CC-II   | Urfa       | Transport Nagar (BZ)        | 3.15+5+8            | 126                               |                                      |          |                                 | 3.15-5  |
| 16      | Raipur CC-II   | North      | Gondwara                    | 2x5                 | 222                               |                                      |          |                                 | 5-8     |
| 17      | Raipur         | Raipur     | Tulsi                       | 3.15+5              | 150                               |                                      |          |                                 | 3.15-5  |
| 18      | Raipur         | Raipur     | Bladi                       | 3.15                | 150                               |                                      |          |                                 | 3.15-5  |
| 19      | Raipur         | Raipur     | Mangsha                     | 3.15                | 145                               |                                      |          |                                 | 3.15-5  |
| 20      | Raipur         | Raipur     | Jota                        | 3.15                | 145                               |                                      |          |                                 | 3.15-5  |
| 21      | Raipur         | Raipur     | Silvari                     | 3.15+5              | 150                               |                                      |          |                                 | 3.15-5  |
| 22      | Raipur         | Raipur     | Korangi                     | 3.15                | 150                               |                                      |          |                                 | 3.15-5  |
| 23      | Raipur         | Raipur     | Tilda                       | 3.15                | 145                               |                                      |          |                                 | 3.15-5  |
| 24      | Raipur         | N.Rajim    | Koundkera                   | 3.15+5              | 160                               |                                      |          |                                 | 3.15-5  |
| 25      | Raipur         | N.Rajim    | Kirwai                      | 2x3.15              | 152                               |                                      |          |                                 | 3.15-5  |
| 26      | Raipur         | N.Rajim    | Kirwai                      | 2x3.15              | 152                               |                                      |          |                                 | 3.15-5  |
| 27      | Raipur         | N.Rajim    | Teka                        | 3.15+5              | 160                               |                                      |          |                                 | 3.15-5  |
| 28      | Raipur         | N.Rajim    | Basin                       | 3.15+5              | 162                               |                                      |          |                                 | 3.15-5  |
| 29      | Raipur         | N.Rajim    | Parsadajoshi                | 3.15+5              | 155                               |                                      |          |                                 | 3.15-5  |
| 30      | Raipur         | Atalnagar  | Mana                        | 3.15+5              | 150                               |                                      |          |                                 | 3.15-5  |
| 31      | Raipur         | Dhamtari   | Rudri                       | 2x3.15              | 150                               |                                      |          |                                 | 3.15-5  |
| 32      | Raipur         | Dhamtari   | Kandel                      | 2x3.15              | 155                               |                                      |          |                                 | 3.15-5  |

FORMAT-2



|    |             |             |                    |        |        |  |  |  |          |
|----|-------------|-------------|--------------------|--------|--------|--|--|--|----------|
| 33 | Raipur      | Dhantari    | Artuni             | 3.15+5 | 165    |  |  |  | 3.15-5   |
| 34 | Raipur      | Kurud       | Pacpedi            | 2x3.15 | 140    |  |  |  | 3.15-5   |
| 35 | Raipur      | Kurud       | Silidih            | 3.15+5 | 160    |  |  |  | 3.15-5   |
| 36 | Raipur      | Kurud       | Katalbod           | 3.15   | 150    |  |  |  | 3.15-5   |
| 37 | Raipur      | Kurud       | Kundel             | 2x3.15 | 146    |  |  |  | 3.15-5   |
| 38 | Raipur      | Kurud       | Kundel             | 2x3.15 | 154    |  |  |  | 3.15-5   |
| 39 | Raipur      | Kurud       | Hasda              | 3.15   | 153    |  |  |  | 3.15-5   |
| 40 | Raipur      | Kurud       | Kuhkuha            | 3.15   | 150    |  |  |  | 3.15-5   |
| 41 | Raipur      | Kurud       | Sirsida            | 3.15   | 160    |  |  |  | 3.15-5   |
| 42 | Balodabazar | Balodabazar | Pallari            | 3.15+5 | 145    |  |  |  | 3.15-5   |
| 43 | Balodabazar | Balodabazar | Lawan              | 3.15+5 | 150    |  |  |  | 3.15-5   |
| 44 | Balodabazar | Kasdol      | Katji              | 2x3.15 | 160    |  |  |  | 3.15-5   |
| 45 | Balodabazar | Kasdol      | Katji              | 2x3.15 | 160    |  |  |  | 3.15-5   |
| 46 | Balodabazar | Kasdol      | Girodhpuri         | 2x3.15 | 160    |  |  |  | 3.15-5   |
| 47 | Balodabazar | Kasdol      | Girodhpuri         | 2x3.15 | 160    |  |  |  | 3.15-5   |
| 48 | Balodabazar | Kasdol      | Bhatgaon           | 3x3.15 | 165    |  |  |  | 3.15-5   |
| 49 | Balodabazar | Kasdol      | Bhatgaon           | 3x3.15 | 165    |  |  |  | 3.15-5   |
| 50 | Balodabazar | Kasdol      | Gopalpur           | 3x3.15 | 162    |  |  |  | 3.15-5   |
| 51 | Balodabazar | Kasdol      | Gopalpur           | 3x3.15 | 162    |  |  |  | 3.15-5   |
| 52 | Balodabazar | Kasdol      | Balpur             | 3.15   | 160.65 |  |  |  | 3.15-5   |
| 53 | Balodabazar | Kasdol      | Gatadih            | 3.15   | 160.65 |  |  |  | 3.15-5   |
| 54 | Balodabazar | Kasdol      | Rajadeori          | 3.15   | 160.65 |  |  |  | 3.15-5   |
| 55 | Balodabazar | Kasdol      | Nageda             | 2x3.15 | 165    |  |  |  | 3.15-5   |
| 56 | Balodabazar | Kasdol      | Nageda             | 2x3.15 | 165    |  |  |  | 3.15-5   |
| 57 | Balodabazar | Kasdol      | Sonpur             | 3.15   | 160.65 |  |  |  | 3.15-5   |
| 58 | Balodabazar | Kasdol      | Rikokala           | 3.15   | 160.65 |  |  |  | 3.15-5   |
| 59 | Balodabazar | Bhatapara   | IPDS Simga         | 3.15   | 160    |  |  |  | 3.15-5   |
| 60 | Balodabazar | Bhatapara   | Rohara             | 3.15   | 162    |  |  |  | 3.15-5   |
| 61 | Balodabazar | Bhatapara   | Kosmanda           | 3.15   | 165    |  |  |  | 3.15-5   |
| 62 | Balodabazar | Bhatapara   | Tehka              | 3.15   | 161    |  |  |  | 3.15-5   |
| 63 | Mahasamund  | Mahasamund  | Achholi            | 3.15   | 139    |  |  |  | 3.15-5   |
| 64 | Mahasamund  | Mahasamund  | Mamabhancha        | 3.15   | 148    |  |  |  | 3.15-5   |
| 65 | Mahasamund  | Mahasamund  | Charouda           | 3.15   | 150    |  |  |  | 3.15-5   |
| 66 | Mahasamund  | Mahasamund  | Parsathi           | 3.15   | 140    |  |  |  | 3.15-5   |
| 67 | Mahasamund  | Mahasamund  | Basti Bagbahara    | 3.15   | 149    |  |  |  | 3.15-5   |
| 68 | Mahasamund  | Pithora     | Chhibara (Amilidh) | 3.15+5 | 145    |  |  |  | 3.15-5   |
| 69 | Mahasamund  | Pithora     | Pithora Rural      | 3.15+5 | 138    |  |  |  | 3.15-5   |
| 70 | Mahasamund  | Pithora     | Kolpadar           | 2x3.15 | 155    |  |  |  | 3.15-5   |
| 71 | Mahasamund  | Pithora     | Chirko             | 3.15+5 | 240    |  |  |  | 3.15-5   |
| 72 | Mahasamund  | Gariyaband  | Paragaon (G)       | 3.15   | 150    |  |  |  | 3.15-5   |
| 73 | Mahasamund  | Gariyaband  | Mudagaon           | 3.15   | 160    |  |  |  | 3.15-5   |
| 74 | Mahasamund  | Gariyaband  | Rasela             | 3.15   | 155    |  |  |  | 3.15-5   |
| 75 | Mahasamund  | Gariyaband  | Kosani             | 1.6    | 50     |  |  |  | 1.6-3.15 |
| 76 | Mahasamund  | Gariyaband  | Paragaon           | 3.15   | 149    |  |  |  | 3.15-5   |
| 77 | Mahasamund  | Gariyaband  | Pond               | 3.15   | 155    |  |  |  | 3.15-5   |
| 78 | Mahasamund  | Gariyaband  | Mudagaon           | 3.15   | 155    |  |  |  | 3.15-5   |

|     |             |                  |                        |        |     |  |  |  |  |          |
|-----|-------------|------------------|------------------------|--------|-----|--|--|--|--|----------|
| 79  | Mahasamund  | Saraipali        | Arani                  | 3.15   | 145 |  |  |  |  | 3.15-5   |
| 80  | Mahasamund  | Saraipali        | Lindartha              | 3.15   | 145 |  |  |  |  | 3.15-5   |
| 81  | Mahasamund  | Saraipali        | Rajpur                 | 3.15   | 140 |  |  |  |  | 3.15-5   |
| 82  | Mahasamund  | Saraipali        | Basna                  | 3.15   | 140 |  |  |  |  | 3.15-5   |
| 83  | Mahasamund  | Saraipali        | Chimarkel              | 3.15   | 145 |  |  |  |  | 3.15-5   |
| 84  | Mahasamund  | Saraipali        | Chanteshwari           | 3.15   | 140 |  |  |  |  | 3.15-5   |
| 85  | Mahasamund  | Saraipali        | Kendunudi              | 3.15   | 150 |  |  |  |  | 3.15-5   |
| 86  | Mahasamund  | Saraipali        | Pathiyapali            | 3.15   | 145 |  |  |  |  | 3.15-5   |
| 87  | Mahasamund  | Saraipali        | Manki                  | 3.15   | 150 |  |  |  |  | 3.15-5   |
| 88  | Durg city   | Durg city        | Baghera                | 3.15   | 128 |  |  |  |  | 3.15-5   |
| 89  | Durg city   | Durg city        | Durg                   | 15     | 242 |  |  |  |  | 5-8      |
| 90  | Durg city   | City West Bhilai | Mother Teresa          | 15     | 244 |  |  |  |  | 5-8      |
| 91  | Durg        | Durg             | Hirri                  | 3.15+5 |     |  |  |  |  | 3.15-5   |
| 92  | Durg        | Durg             | Haldi                  | 3.15+5 |     |  |  |  |  | 3.15-5   |
| 93  | Durg        | Ahiwara          | Dargaon                | 3.15+5 | 158 |  |  |  |  | 3.15-5   |
| 94  | Durg        | Ahiwara          | Kanharपुर              | 2x3.15 | 159 |  |  |  |  | 3.15-5   |
| 95  | Durg        | Ahiwara          | Kanharपुर              | 2x3.15 | 156 |  |  |  |  | 3.15-5   |
| 96  | Durg        | Ahiwara          | Ratadah                | 3.15+5 | 156 |  |  |  |  | 3.15-5   |
| 97  | Durg        | Ahiwara          | Khairithi              | 3.15+5 | 166 |  |  |  |  | 3.15-5   |
| 98  | Durg        | Ahiwara          | Ghughwa                | 3.15   | 147 |  |  |  |  | 3.15-5   |
| 99  | Durg        | Ahiwara          | Funda                  | 3.15   | 155 |  |  |  |  | 3.15-5   |
| 100 | Durg        | balod            | Sankra                 | 3.15+5 | 169 |  |  |  |  | 3.15-5   |
| 101 | Durg        | balod            | Kochera                | 2x3.15 | 150 |  |  |  |  | 3.15-5   |
| 102 | Durg        | balod            | Bharitola              | 2x3.15 | 150 |  |  |  |  | 3.15-5   |
| 103 | Durg        | balod            | Jamhi                  | 3.15+5 | 145 |  |  |  |  | 3.15-5   |
| 104 | Durg        | balod            | Fagundah               | 2x3.15 | 145 |  |  |  |  | 3.15-5   |
| 105 | Durg        | balod            | Beloda                 | 3.15   | 152 |  |  |  |  | 3.15-5   |
| 106 | Durg        | Sala             | Lawatara (Bharda)      | 3.15   | 142 |  |  |  |  | 3.15-5   |
| 107 | Rainandgaon | Rainandgaon      | Indamara (Garden city) | 3.15   | 165 |  |  |  |  | 3.15-5   |
| 108 | Rainandgaon | Dongargaon       | Habnari                | 3.15   | 172 |  |  |  |  | 3.15-5   |
| 109 | Rainandgaon | Dongargaon       | Astola                 | 3.15   | 181 |  |  |  |  | 3.15-5   |
| 110 | Rainandgaon | Dongargaon       | Bilalbhatha            | 3.15   | 190 |  |  |  |  | 3.15-5   |
| 111 | Rainandgaon | Dongargaon       | Gandatola              | 1.6    | 100 |  |  |  |  | 1.6-3.15 |
| 112 | Rainandgaon | Dongargaon       | Churiya                | 13.15  | 195 |  |  |  |  | 3.15-5   |
| 113 | Rainandgaon | Dongargaon       | Parivajob              | 3.15   | 170 |  |  |  |  | 3.15-5   |
| 114 | Rainandgaon | Dongargaon       | Musrakala              | 2x3.15 | 205 |  |  |  |  | 3.15-5   |
| 115 | Rainandgaon | Dongargaon       | Musrakala              | 2x3.15 | 155 |  |  |  |  | 3.15-5   |
| 116 | Rainandgaon | Dongargaon       | Medha                  | 2x3.15 | 157 |  |  |  |  | 3.15-5   |
| 117 | Rainandgaon | Dongargaon       | Medha                  | 2x3.15 | 152 |  |  |  |  | 3.15-5   |
| 118 | Rainandgaon | Mohla            | Mohla                  | 1.6    | 127 |  |  |  |  | 1.6-3.15 |
| 119 | Rainandgaon | Mohla            | Bandhabazar            | 3.15+5 | 190 |  |  |  |  | 3.15-5   |
| 120 | Rainandgaon | Mohla            | Dighwadi               | 1.6    | 103 |  |  |  |  | 1.6-3.15 |
| 121 | Rainandgaon | Mohla            | Manpur                 | 1.6    | 98  |  |  |  |  | 1.6-3.15 |
| 122 | Rainandgaon | Mohla            | Chilhati               | 2x3.15 | 208 |  |  |  |  | 3.15-5   |
| 123 | Rainandgaon | Mohla            | Chilhati               | 2x3.15 | 167 |  |  |  |  | 3.15-5   |
| 124 | Rainandgaon | Khairgaon        | Baitatola              | 3.15   | 170 |  |  |  |  | 3.15-5   |



|     |               |            |                 |          |     |  |  |  |          |
|-----|---------------|------------|-----------------|----------|-----|--|--|--|----------|
| 125 | Rainnandaon   | Khairagarh | Limo            | 3.15     | 181 |  |  |  | 3.15-5   |
| 126 | Rainnandaon   | Khairagarh | Rahud           | 3.15     | 178 |  |  |  | 3.15-5   |
| 127 | Rainnandaon   | Dongargaon | Khujil          | 3.15     | 122 |  |  |  | 3.15-5   |
| 128 | Rainnandaon   | Khairagarh | Dhodha          | 3.15     | 150 |  |  |  | 3.15-5   |
| 129 | Rainnandaon   | Khairagarh | Chhukhaddan     | 3.15     | 150 |  |  |  | 3.15-5   |
| 130 | Rainnandaon   | Khairagarh | Khairagarh (T)  | 5        | 284 |  |  |  | 5-8      |
| 131 | Kawardha      | Pandariya  | Danapur         | 3.15 MVA | 143 |  |  |  | 3.15-5   |
| 132 | Kawardha      | Pandariya  | Kolegaon        | 3.15 MVA | 149 |  |  |  | 3.15-5   |
| 133 | Kawardha      | Pandariya  | Kapadah         | 3.15 MVA | 159 |  |  |  | 3.15-5   |
| 134 | Kawardha      | Pandariya  | Kodwagadan      | 3.15 MVA | 161 |  |  |  | 3.15-5   |
| 135 | Kawardha      | Pandariya  | Boda            | 3.15 MVA | 155 |  |  |  | 3.15-5   |
| 136 | Kawardha      | Pandariya  | Mimniya         | 3.15 MVA | 161 |  |  |  | 3.15-5   |
| 137 | Kawardha      | Pandariya  | Pandatarai      | 3.15 MVA | 149 |  |  |  | 3.15-5   |
| 138 | Kawardha      | Kawardha   | Pipariya (ipds) | 3.15 MVA | 145 |  |  |  | 3.15-5   |
| 139 | Kawardha      | Kawardha   | Marka           | 3.15 MVA | 145 |  |  |  | 3.15-5   |
| 140 | Kawardha      | Kawardha   | Gudha           | 3.15 MVA | 140 |  |  |  | 3.15-5   |
| 141 | Kawardha      | Kawardha   | Rampur          | 3.15 MVA | 147 |  |  |  | 3.15-5   |
| 142 | Kawardha      | Kawardha   | Virendra Nagar  | 3.15 MVA | 144 |  |  |  | 3.15-5   |
| 143 | Kawardha      | Kawardha   | Kawardha (T)    | 2x5 MVA  | 255 |  |  |  | 5-8      |
| 144 | Kawardha      | Kawardha   | Kawardha (T)    | 2x5 MVA  | 255 |  |  |  | 5-8      |
| 145 | Kawardha      | Kawardha   | IPDS            | 3.15 MVA | 114 |  |  |  | 5-8      |
| 146 | Kawardha      | Kawardha   | Joratal         | 3.15 MVA | 137 |  |  |  | 3.15-5   |
| 147 | Kawardha      | Kawardha   | Koylari         | 3.15+5   | 127 |  |  |  | 3.15-5   |
| 148 | Kawardha      | Kawardha   | Biranpur        | 3.15 MVA | 142 |  |  |  | 3.15-5   |
| 149 | Kawardha      | Kawardha   | Sabratola       | 3.15 MVA | 150 |  |  |  | 3.15-5   |
| 150 | Bilaspur city | Dn-II-West | SBR-2           |          | 247 |  |  |  | 5-8      |
| 151 | Bilaspur city | Dn-II-West | Sharichari-2    |          | 253 |  |  |  | 5-8      |
| 152 | Bilaspur city | Dn-II-West | Indravihar      |          | 252 |  |  |  | 5-8      |
| 153 | Bilaspur city | Dn-II-West | Induchouk       |          | 157 |  |  |  | 3.15-5   |
| 154 | Bilaspur city | Dn-I-East  | PGBT            |          | 240 |  |  |  | 5-8      |
| 155 | Bilaspur city | Dn-I-East  | Torwa           |          | 225 |  |  |  | 5-8      |
| 156 | Bilaspur      | Mungeli    | Chandrakhuri    | 3.15     | 155 |  |  |  | 3.15-5   |
| 157 | Bilaspur      | Mungeli    | Bhata           | 3.15     | 155 |  |  |  | 3.15-5   |
| 158 | Bilaspur      | Mungeli    | Nawalpur        | 3.15     | 155 |  |  |  | 3.15-5   |
| 159 | Bilaspur      | Mungeli    | Teliyapuran     | 3.15     | 155 |  |  |  | 3.15-5   |
| 160 | Bilaspur      | Mungeli    | Bhalukhondra    | 3.15     | 155 |  |  |  | 3.15-5   |
| 161 | Bilaspur      | Bilaspur   | Kureil          | 3.15     | 147 |  |  |  | 3.15-5   |
| 162 | Bilaspur      | Bilaspur   | Belara          | 3.15+5   | 230 |  |  |  | 3.15-5   |
| 163 | Bilaspur      | Bilaspur   | Nagoi           | 3.15     | 160 |  |  |  | 3.15-5   |
| 164 | Bilaspur      | Pendraroad | Pendra          | 3.15     | 145 |  |  |  | 3.15-5   |
| 165 | Bilaspur      | Pendraroad | Kota (R)        | 3.15     | 145 |  |  |  | 3.15-5   |
| 166 | Bilaspur      | Pendraroad | Kota (U)        | 1.6      | 60  |  |  |  | 1.6-3.15 |
| 167 | Korba         | Korba city | Bankimongra     | 3.15+5   | 150 |  |  |  | 3.15-5   |
| 168 | Korba         | Korba      | Bhaisma         | 3.15     | 140 |  |  |  | 3.15-5   |
| 169 | Korba         | Korba      | Rampur          | 3.15     | 145 |  |  |  | 3.15-5   |
| 170 | Korba         | Korba      | Hardibazar      | 3.15     | 140 |  |  |  | 3.15-5   |

|     |           |                |                |          |     |  |  |  |        |
|-----|-----------|----------------|----------------|----------|-----|--|--|--|--------|
| 171 | Korba     | Katbhora       | Podi           | 3.15     | 145 |  |  |  | 3.15-5 |
| 172 | Jagdalpur | Sukma          | Sukma          | 3.15     | 160 |  |  |  | 3.15-5 |
| 173 | Kanker    | Kanker         | Narharpur      | 2x3.15   | 143 |  |  |  | 3.15-5 |
| 174 | Kanker    | Kanker         | Parsoda        | 2x3.15   | 140 |  |  |  | 3.15-5 |
| 175 | Kanker    | Kanker         | Kanker Town    | 3.15+5+5 | 273 |  |  |  | 3.15-5 |
| 176 | Kanker    | Kondagaon      | Banskot        | 2x3.15   | 180 |  |  |  | 3.15-5 |
| 177 | Kanker    | Bhanupratappur | Kodekurse      | 3.15     | 140 |  |  |  | 3.15-5 |
| 178 | Kanker    | Pakhanjore     | Gondahur       | 2x3.15   | 163 |  |  |  | 3.15-5 |
| 179 | Kanker    | Pakhanjore     | Gondahur       | 2x3.15   | 160 |  |  |  | 3.15-5 |
| 180 | Kanker    | Pakhanjore     | Kapsi          | 3.15+5   | 150 |  |  |  | 3.15-5 |
| 181 | Kanker    | Kondagaon      | Borgaon        | 3.15     | 144 |  |  |  | 3.15-5 |
| 182 | Kanker    | Kondagaon      | Giroia         | 3.15     | 153 |  |  |  | 3.15-5 |
| 183 | Kanker    | Kondagaon      | Makdi          | 3.15     | 145 |  |  |  | 3.15-5 |
| 184 | Kanker    | Kondagaon      | Biapur         | 3.15     | 145 |  |  |  | 3.15-5 |
| 185 | Kanker    | Kondagaon      | Kibabalenaga   | 3.15     | 140 |  |  |  | 3.15-5 |
| 186 | Kanker    | Kondagaon      | Adega          | 3.15     | 140 |  |  |  | 3.15-5 |
| 187 | Kanker    | Pakhanjore     | Udaipur        | 3.15     | 150 |  |  |  | 3.15-5 |
| 188 | Janjgir   | Akalara        | Nariyara       | 3.15+5   | 150 |  |  |  | 3.15-5 |
| 189 | Janjgir   | Akalara        | Kalvanpur      | 3.15+5   | 150 |  |  |  | 3.15-5 |
| 190 | Janjgir   | Akalara        | Madhuwa        | 3.15     | 155 |  |  |  | 3.15-5 |
| 191 | Janjgir   | Sakti          | Darra          | 3.15+5   | 155 |  |  |  | 3.15-5 |
| 192 | Janjgir   | Sakti          | Portha         | 3.15     | 150 |  |  |  | 3.15-5 |
| 193 | Janjgir   | Sakti          | Pota           | 3.15     | 152 |  |  |  | 3.15-5 |
| 194 | Janjgir   | Sakti          | Faguram        | 3.15+5   | 155 |  |  |  | 3.15-5 |
| 195 | Janjgir   | Sakti          | Sirali         | 2x3.15   | 160 |  |  |  | 3.15-5 |
| 196 | Janjgir   | Sakti          | Nandelibhatha  | 2x3.15   | 152 |  |  |  | 3.15-5 |
| 197 | Janjgir   | Sakti          | Chhapora       | 2x3.15   | 152 |  |  |  | 3.15-5 |
| 198 | Janjgir   | Sakti          | Sakarra        | 3.15+5   | 155 |  |  |  | 3.15-5 |
| 199 | Janjgir   | Sakti          | Kotmi          | 3.15+5   | 155 |  |  |  | 3.15-5 |
| 200 | Janjgir   | Sakti          | Nariyara-Sakti | 2x3.15   | 155 |  |  |  | 3.15-5 |
| 201 | Janjgir   | Sakti          | Adhar          | 3.15+5   | 155 |  |  |  | 3.15-5 |
| 202 | Janjgir   | Sakti          | Malda          | 3.15     | 155 |  |  |  | 3.15-5 |
| 203 | Janjgir   | Sakti          | Sapos          | 3.15     | 152 |  |  |  | 3.15-5 |
| 204 | Janjgir   | Sakti          | Khairjithi     | 3.15     | 150 |  |  |  | 3.15-5 |
| 205 | Janjgir   | Sakti          | Dhurkot        | 2x3.15   | 142 |  |  |  | 3.15-5 |
| 206 | Janjgir   | Sakti          | Jaiang         | 3.15     | 150 |  |  |  | 3.15-5 |
| 207 | Janjgir   | Sakti          | Bhadora        | 3.15     | 153 |  |  |  | 3.15-5 |
| 208 | Janjgir   | Sakti          | Kachanda       | 3.15     | 155 |  |  |  | 3.15-5 |
| 209 | Janjgir   | Sakti          | Mohgaon        | 3.15     | 150 |  |  |  | 3.15-5 |
| 210 | Janjgir   | Champa         | Hardi          | 2x3.15   | 140 |  |  |  | 3.15-5 |
| 211 | Janjgir   | Champa         | Birra          | 2x3.15   | 180 |  |  |  | 3.15-5 |
| 212 | Janjgir   | Champa         | Basantpur      | 3.15     | 182 |  |  |  | 3.15-5 |
| 213 | Janjgir   | Champa         | Birgani        | 3.15     | 175 |  |  |  | 3.15-5 |
| 214 | Janjgir   | Champa         | Barnidih       | 2x3.15+5 | 180 |  |  |  | 3.15-5 |
| 215 | Janjgir   | Champa         | Hanumandhara   | 3.15+5   | 182 |  |  |  | 3.15-5 |
| 216 | Janjgir   | Champa         | Semra          | 3.15     | 155 |  |  |  | 3.15-5 |



|     |             |                    |                            |        |     |  |  |  |        |
|-----|-------------|--------------------|----------------------------|--------|-----|--|--|--|--------|
| 217 | Janjair     | Champa             | Pantora                    | 3.15   | 160 |  |  |  | 3.15-5 |
| 218 | Janjair     | Champa             | Putpura                    | 3.15   | 155 |  |  |  | 3.15-5 |
| 219 | Janjair     | Champa             | Khokhara                   | 3.15   | 158 |  |  |  | 3.15-5 |
| 220 | Raigarh     | Raigarh(O&M)Dn-II  | Kondatarai                 | 8.15   | 177 |  |  |  | 3.15-5 |
| 221 | Raigarh     | Raigarh (O&M)Dn-II | Dhangaon                   | 3.15   | 165 |  |  |  | 3.15-5 |
| 222 | Raigarh     | Raigarh (O&M)Dn-II | Botalda                    | 3.15   | 165 |  |  |  | 3.15-5 |
| 223 | Raigarh     | Raigarh (O&M)Dn-II | Jhalmala                   | 8.15   | 182 |  |  |  | 3.15-5 |
| 224 | Raigarh     | Raigarh (O&M)Dn-I  | Police Line Raigarh (Town) | 3.15   | 165 |  |  |  | 3.15-5 |
| 225 | Raigarh     | Raigarh (O&M)Dn-I  | Mithumuda                  | 3.15   | 165 |  |  |  | 3.15-5 |
| 226 | Raigarh     | Raigarh (O&M)Dn-I  | Chharratagar               | 3.15   | 165 |  |  |  | 3.15-5 |
| 227 | Raigarh     | Raigarh (O&M)Dn-I  | Dhaurabhatha               | 3.15   | 165 |  |  |  | 3.15-5 |
| 228 | Raigarh     | Sarangarh (O&M)Dn. | BAR                        | 8.15   | 180 |  |  |  | 3.15-5 |
| 229 | Raigarh     | Sarangarh (O&M)Dn. | BADE NAWAPARA              | 3.15   | 165 |  |  |  | 3.15-5 |
| 230 | Raigarh     | Sarangarh (O&M)Dn. | HIRRI                      | 3.15   | 165 |  |  |  | 3.15-5 |
| 231 | Raigarh     | Sarangarh (O&M)Dn. | KANAKBIRA                  | 6.3    | 165 |  |  |  | 3.15-5 |
| 232 | Ambikapur   | Ambikapur          | Latorl                     | 3.15   | 150 |  |  |  | 3.15-5 |
| 233 | Ambikapur   | Ambikapur          | Khadawan                   | 3.15   | 145 |  |  |  | 3.15-5 |
| 234 | Ambikapur   | Ambikapur          | Lamgaon                    | 3.15   | 142 |  |  |  | 3.15-5 |
| 235 | Ambikapur   | Balrampur          | Mahuapara (raipur)         | 3.15   | 160 |  |  |  | 3.15-5 |
| 236 | Ambikapur   | Balrampur          | Basantpur                  | 3.15   | 170 |  |  |  | 3.15-5 |
| 237 | Ambikapur   | Balrampur          | Shankargarh                | 3.15   | 141 |  |  |  | 3.15-5 |
| 238 | Ambikapur   | Balrampur          | Ramanuigani                | 3.15   | 144 |  |  |  | 3.15-5 |
| 239 | Ambikapur   | Jashpur            | Agdlh (Lodam)              | 3.15   | 152 |  |  |  | 3.15-5 |
| 240 | Ambikapur   | Pathalgaon         | Kumekela                   | 3.15   | 144 |  |  |  | 3.15-5 |
| 241 | Ambikapur   | Pathalgaon         | Ludeg                      | 3.15   | 143 |  |  |  | 3.15-5 |
| 242 | Ambikapur   | Pathalgaon         | Jamthor                    | 3.15   | 150 |  |  |  | 3.15-5 |
| 243 | Baikunthpur | Surajpur           | Bhatgaon                   | 3.15   | 140 |  |  |  | 3.15-5 |
| 244 | Baikunthpur | Surajpur           | Bishrampur                 | 3.15+5 | 140 |  |  |  | 3.15-5 |
| 245 | Baikunthpur | Surajpur           | Ketka                      | 3.15   | 148 |  |  |  | 3.15-5 |
| 246 | Baikunthpur | Surajpur           | Latorl                     | 3.15   | 140 |  |  |  | 3.15-5 |

Table-4

# IMPROVED SYSTEM STATUS

## AUGMENTATION OF 33 KV / 11 KV FEEDERS

FORMAT-3

| S.No | Name of Circle | Name of Dn | Augmentation point From               | Augmentation up To            | Peak Load in AMP | Voltage Level (KV) | Augmentation       |                  | Length Involved for augmentation (Ckt. Km) |
|------|----------------|------------|---------------------------------------|-------------------------------|------------------|--------------------|--------------------|------------------|--------------------------------------------|
|      |                |            |                                       |                               |                  |                    | From (Name / Size) | To (Name / Size) |                                            |
| 1    | 2              | 3          | 9                                     | 10                            | 12               | 13                 | 14                 | 15               | 16                                         |
| 1    | Raipur CC-II   | North      | 220 Kv Borjhara                       | 33 KV Balaji                  | 252              | 33 KV              | Dog(100sqmm)       | Panther(150sqmm) | 10                                         |
| 2    | Raipur CC-II   | North      | 220 Kv Borjhara                       | 33 KV Alankar                 | 102              | 33 KV              | Dog(100sqmm)       | Panther(150sqmm) | 10                                         |
| 3    | Raipur CC-II   | North      | 220 Kv Urla                           | 33 KV Sector C-1              | 125              | 33 KV              | Dog(100sqmm)       | Panther(150sqmm) | 8                                          |
| 4    | Raipur CC-II   | North      | 220 Kv Urla                           | 33 KV Shyama                  | 267              | 33 KV              | Dog(100sqmm)       | Panther(150sqmm) | 7                                          |
| 5    | Raipur CC-II   | Urta       | 132 KV Birgaon                        | 33 KV Urla                    | 265              | 33 KV              | Dog(100sqmm)       | Panther(150sqmm) | 3                                          |
| 6    | Raipur CC-II   | Urta       | 132 KV Sector-C                       | 33 KV Indsil                  | 457              | 33 KV              | Dog(100sqmm)       | Panther(150sqmm) | 0.8                                        |
| 7    | Raipur CC-II   | Urta       | 132 KV Sector-C                       | 33 KV Chhattisgarh            | 211              | 33 KV              | Dog(100sqmm)       | Panther(150sqmm) | 1                                          |
| 8    | Raipur CC-II   | Urta       | 132 KV Birgaon                        | 33 KV HTCL,2,3                | 340,220,330      | 33 KV              | Dog(100sqmm)       | Panther(150sqmm) | 8.2                                        |
| 9    | Raipur CC-II   | Siltara    | 220 KV Siltara                        | 33 KV Dharsiwa                | 220              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 2.5                                        |
| 10   | MAHASAMUND     | MAHASAMUND | 132/33KV BAGBAHARA                    | KOSMARRA                      | 340              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 25                                         |
| 11   | MAHASAMUND     | MAHASAMUND | 132/33KV BAGBAHARA                    | KOMAKHAN                      | 390              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 20                                         |
| 12   | MAHASAMUND     | MAHASAMUND | 132/33KV BAGBAHARA                    | Tendukona                     | 350              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 25                                         |
| 13   | MAHASAMUND     | Pithora    | 132/33KV S/S JHALAP                   | 33/11 KV S/S PITTHORA         | 400              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 22                                         |
| 14   | MAHASAMUND     | Pithora    | 132kv s/s Sankara                     | 33/11 KV S/S BHAGATDEORI      | 320              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 20                                         |
| 15   | MAHASAMUND     | Pithora    | 132kv s/s Sankara                     | 33/11 KV S/S Paraswani        | 340              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 14                                         |
| 16   | Rainandgaon    | Dongargaon | Kumarda                               | Gaindatola                    |                  | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 15                                         |
| 17   | Rainandgaon    | Dongargaon | 132 KV Amlich                         | Khujil                        |                  | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 10                                         |
| 18   | Kawardha       | Pandariya  | 132 KV S/S. Domsara                   | 33/11 KV S/S. Pandariya       | 286              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 10                                         |
| 19   | Kawardha       | Pandariya  | 33/11 KV S/S. Pandariya               | 33/11 KV S/S. Pandatarai      | 272              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 13                                         |
| 20   | Kawardha       | Pandariya  | 132 KV S/S. Domsara                   | 33/11 KV S/S. Mahail          | 319              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 5                                          |
| 21   | Kawardha       | Pandariya  | 33/11 kv S/S. Bidora                  | 33/11 KV S/S. Bhadutola       | 285              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 20                                         |
| 22   | Kawardha       | Pandariya  | 33/11 kv S/S. Lohara                  | 33/11 KV S/S. Virendra Nagar  | 296              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 23                                         |
| 23   | Jaddalpur      | Dantewada  | Pahurnar new ss                       | EHT Towers for river crossing |                  | 33 KV              |                    |                  | 2                                          |
| 24   | Kanker         | Kondagaon  | 132 Kanker- Vishrampur feeder-Keshkal | Vishrampur                    | 200              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 22                                         |
| 25   | Kanker         | Kondagaon  | 132 Kanker- Keshkal feeder-Kanker     | Keshkal                       | 210              | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 32.7                                       |
| 26   | Korba          | Korba city | 33 KV Manikpur feeder 100MW SS        | SECL MANIKPUR                 |                  | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 7                                          |
| 27   | Korba          | Korba city | 33 KV Industrial feeder 100MW SS      | INDUSTRIAL SS                 |                  | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 7.5                                        |
| 28   | Korba          | Korba city | 33KV Budhwari feeder 100MW SS         | AB TYPE                       |                  | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 5                                          |
| 29   | Korba          | Korba city | 33 KV NCDL Feeder 100MW SS            | TULSINAGAR SS                 |                  | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 4                                          |
| 30   | Korba          | Korba city | 33 KV Rajdamar feeder 100MW SS        | INDO SPONJE                   |                  | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 7                                          |



| S.No | Name of Circle | Name of Dn  | Augmentation point From                              | Augmentation up To                          | Peak Load in AMP | Voltage Level (KV) | Augmentation       |                  | Length Involved for augmentation( Ckt. Km) |
|------|----------------|-------------|------------------------------------------------------|---------------------------------------------|------------------|--------------------|--------------------|------------------|--------------------------------------------|
|      |                |             |                                                      |                                             |                  |                    | From (Name / Size) | To (Name / Size) |                                            |
| 1    | 2              | 3           | 9                                                    | 10                                          | 12               | 13                 | 14                 | 15               | 16                                         |
| 31   | Kaigarh        | Kaigarh-1   | Conductor Augmentation of 33 kv Dharamjaigarh feeder | 33/11 Kv SS Dharamjaigarh                   |                  | 33 KV              | Raccon (80 sqmm)   | Dog(100sqmm)     | 42                                         |
| 32   | Raipur CC-I    | East        | Shankernagar ss                                      | TV Tower                                    | 80               | 11 KV              | Rabbit             | Raccon           | 2                                          |
| 33   | Raipur CC-I    | East        | Shankernagar ss                                      | BTI chouk                                   | 100              | 11 KV              | Rabbit             | Raccon           | 1                                          |
| 34   | Raipur CC-I    | East        | Durga Mandir-11 KV Dubey colony feeder               | Nigam Xmer                                  | 110              | 11 KV              | Rabbit             | Raccon           | 0.5                                        |
| 35   | Raipur CC-I    | South       | Bhatagaon ss                                         | Lata Mangeshkar Badi                        | 75               | 11 KV              | Rabbit             | Raccon           | 5                                          |
| 36   | Raipur CC-II   | Urta        | Bhanpuri Ss                                          | Urkurra feeder-Bastibazar chouk             |                  | 11 KV              | Rabbit             | Raccon           | 2                                          |
| 37   | Raipur CC-II   | Urta        | Kabristan Shaid nagar                                | Shahid nagar feeder-Umiya market            |                  | 11 KV              | Rabbit             | Raccon           | 2                                          |
| 38   | Raipur CC-II   | Urta        | Transport nagar ss                                   | Shri ganesha feeder -Maharaj hotel          |                  | 11 KV              | Rabbit             | Raccon           | 1.2                                        |
| 39   | Raipur CC-II   | Urta        | Banjar feeder- Talap par AB switch                   | Nimora chouk                                |                  | 11 KV              | Rabbit             | Raccon           | 1                                          |
| 40   | Raipur CC-II   | Urta        | Rajraj Bhandar                                       | Budhwari Bazar- bada talab                  |                  | 11 KV              | Rabbit             | Raccon           | 1                                          |
| 41   | Raipur CC-II   | Urta        | TP nagar ss                                          | Transport nagar-Maharaj hotel               |                  | 11 KV              | Rabbit             | Raccon           | 2                                          |
| 42   | Raipur CC-II   | Urta        | Dhaba                                                | Petrol pump-Banjar-1                        |                  | 11 KV              | Rabbit             | Raccon           | 2                                          |
| 43   | Raipur CC-II   | Urta        | Subhash chouk-Rural feeder                           | Tatiband bypass                             |                  | 11 KV              | Weasel             | Rabbit           | 2.5                                        |
| 44   | Raipur CC-II   | North       | SONDONGARI                                           | TENDUA-HIGHWAY-BORJAHARA-TENDUA             |                  | 11 KV              | Rabbit             | Raccon           | 3.5                                        |
| 45   | Raipur CC-II   | North       | SONDONGARI                                           | BSUP SONDONGARI-YADUVANSHI CHAWK            |                  | 11 KV              | Rabbit             | Raccon           | 4                                          |
| 46   | Raipur CC-II   | North       | MARUTI LIFE STYLE                                    | MOHABA BAZAR-RAJIV NAGAR                    |                  | 11 KV              | Rabbit             | Raccon           | 3.5                                        |
| 47   | Raipur CC-II   | North       | KARA                                                 | KARA-Trunk line                             |                  | 11 KV              | Rabbit             | Raccon           | 5                                          |
| 48   | Raipur CC-II   | North       | KARA                                                 | BANA-Trunk line                             |                  | 11 KV              | Rabbit             | Raccon           | 4                                          |
| 49   | Raipur CC-II   | North       | ATARI                                                | CHANDANDIH-NEAR ADITYA BIOTECH & TRUNK LINE |                  | 11 KV              | Rabbit             | Raccon           | 3                                          |
| 50   | Raipur CC-II   | North       | ATARI                                                | HAPPY DHABA-BEHIND HAPPY DHABA              |                  | 11 KV              | Rabbit             | Raccon           | 1.5                                        |
| 51   | Raipur CC-II   | North       | ATARI                                                | ATARI-HATBAND TO GUMA                       |                  | 11 KV              | Rabbit             | Raccon           | 5                                          |
| 52   | Raipur CC-II   | Siltara     | Siltara ss                                           | Sondra feeder-Nakoda chouk                  |                  | 11 KV              | Rabbit             | Raccon           | 3                                          |
| 53   | Raipur CC-II   | Siltara     | Siltara ss                                           | Avinash feeder-Avinsh Logistics             |                  | 11 KV              | Rabbit             | Raccon           | 2                                          |
| 54   | Raipur CC-II   | Siltara     | Siltara ss                                           | Pathardih feeder-Murethi gram panchayat     |                  | 11 KV              | Rabbit             | Raccon           | 2.5                                        |
| 55   | Raipur CC-II   | Siltara     | Dhaneli ss                                           | Girod feeder-Shani mandir                   |                  | 11 KV              | Rabbit             | Raccon           | 2                                          |
| 56   | Raipur CC-II   | Siltara     | Kumhari                                              | Kumhari feeder-swagat gate                  |                  | 11 KV              | Rabbit             | Raccon           | 2                                          |
| 57   | Raipur CC-II   | Siltara     | Dhaneli ss                                           | Dhaneli feeder-pahapara basti               |                  | 11 KV              | Weasel             | Rabbit           | 3                                          |
| 58   | Raipur CC-II   | Siltara     | Siltara ss                                           | Phase-II feeder                             |                  | 11 KV              | Weasel             | Rabbit           | 2                                          |
| 59   | Durg city      | Bhilai east | Urta ss                                              | PM awas urta                                |                  | 11 KV              | Weasel             | Raccon           | 5                                          |
| 60   | Durg city      | Bhilai east | Devbaloda                                            | G-cabin                                     |                  | 11 KV              | Weasel             | Raccon           | 3                                          |
| 61   | Durg city      | Bhilai east | Engg. Park chouk                                     | Mittal sales Industry                       |                  | 11 KV              | Weasel             | Rabbit           | 1                                          |
| 62   | Durg city      | Bhilai east | RMU1 Shivnath                                        | Sneha cement                                |                  | 11 KV              | Weasel             | Rabbit           | 1                                          |
| 63   | Durg city      | Bhilai east | Madan Gray                                           | Meta Flux                                   |                  | 11 KV              | Weasel             | Rabbit           | 0.8                                        |
| 64   | Durg city      | Bhilai east | Housing board chouk                                  | Gurudwara chouk                             |                  | 11 KV              | Weasel             | Rabbit           | 1.5                                        |
| 65   | Durg city      | Bhilai east | Murga chouk                                          | Prince Dairy                                |                  | 11 KV              | Weasel             | Rabbit           | 1.2                                        |
| 66   | Durg city      | Bhilai east | Gaffer building                                      | Seegal Industries                           |                  | 11 KV              | Weasel             | Rabbit           | 0.45                                       |
| 67   | Rajnandgaon    | Khairagarh  | Kumarda                                              | Chircharikala                               |                  | 11 KV              | Weasel             | Rabbit           | 2                                          |
| 68   | Rajnandgaon    | Khairagarh  | Dhodha ss                                            | Biranpur feeder                             |                  | 11 KV              | Weasel             | Rabbit           | 15                                         |
| 69   | Rajnandgaon    | Khairagarh  | Chuhkhadan ss                                        | Udaypur Basti feeder                        |                  | 11 KV              | Weasel             | Rabbit           | 10                                         |

**TOTAL**

**401.7**



| S.No | Name of Circle | Name of Dn | Augmentation point From                 | Augmentation up To      | Peak Load In AMP | Voltage Level (KV) | Augmentation |        | Length Involved for augmentation( Ckt. Km) |
|------|----------------|------------|-----------------------------------------|-------------------------|------------------|--------------------|--------------|--------|--------------------------------------------|
| 1    | 2              | 3          | 9                                       | 10                      | 12               | 13                 | 14           | 15     | 16                                         |
| 70   | Kawardtha      | Kawardtha  | 33/11 KV S/s Joratal                    | 11 kv Ram Mandir feeder | 85 Amp           | 11 KV              | Squirrel     | Rabbit | 5.54                                       |
| 71   | Kawardtha      | Kawardtha  | 33/11 KV S/s Joratal                    | 11 kv VIP feeder        | 83 Amp           | 11 KV              | Squirrel     | Rabbit | 5.54                                       |
| 72   | Kawardtha      | Kawardtha  | 33/11 KV S/s Dastirapur                 | 11 kv Dastirapur feeder | 56 Amp           | 11 KV              | Squirrel     | Rabbit | 4.65                                       |
| 73   | Kawardtha      | Kawardtha  | 33/11 KV S/s Jindauri                   | 11 kv Jindauri feeder   | 52 Amp           | 11 KV              | Squirrel     | Rabbit | 4.6                                        |
| 74   | Kawardtha      | Pandariya  | 33/11 KV S/s Kanpadah                   | 11 kv Kanpadah          | 105 Amp          | 11 KV              | Squirrel     | Rabbit | 6.5                                        |
| 75   | Kawardtha      | Pandariya  | 33/11 KV S/s Kanpadah                   | 11 kv Gaur Kampa        | 170 Amp          | 11 KV              | Weasel       | Rabbit | 5                                          |
| 76   | Kawardtha      | Pandariya  | 33/11 KV S/s Dullapur                   | 11 kv Dullapur          | 156 Amp          | 11 KV              | Weasel       | Rabbit | 4                                          |
| 77   | Kawardtha      | Pandariya  | 33/11 KV S/s Kodvagodan                 | 11 kv Chiripani         | 102 Amp          | 11 KV              | Squirrel     | Rabbit | 5                                          |
| 78   | Kawardtha      | Pandariya  | 33/11 KV S/s Kodapuri                   | 11 kv Navagano          | 99 Amp           | 11 KV              | Squirrel     | Rabbit | 5                                          |
| 79   | Kawardtha      | Pandariya  | 33/11 KV S/s Mahali                     | 11 kv Bagharra          | 140 Amp          | 11 KV              | Weasel       | Rabbit | 6                                          |
| 80   | Kawardtha      | Pandariya  | 33/11 KV S/s Mahali                     | 11 kv Gunjheta          | 100 Amp          | 11 KV              | Squirrel     | Rabbit | 5                                          |
| 81   | Kawardtha      | Pandariya  | 33/11 KV S/s Mahali                     | 11 kv Bhaisgod          | 117 Amp          | 11 KV              | Weasel       | Rabbit | 6                                          |
| 82   | Kawardtha      | Pandariya  | 33/11 KV S/s Kulkur                     | 11 kv Kamthi            | 80 Amp           | 11 KV              | Squirrel     | Rabbit | 8                                          |
| 83   | Kawardtha      | Pandariya  | 33/11 KV S/s IPDS                       | 11 kv B.S.N.L.          | 122 Amp          | 11 KV              | Weasel       | Rabbit | 3                                          |
| 84   | Kawardtha      | Pandariya  | 33/11 KV S/s Kunda                      | 11 kv Rampa             | 127 Amp          | 11 KV              | Weasel       | Rabbit | 5                                          |
| 85   | Kawardtha      | Pandariya  | 33/11 KV S/s Kunda                      | 11 kv Senhabhata        | 147 Amp          | 11 KV              | Weasel       | Rabbit | 5                                          |
| 86   | Kawardtha      | Pandariya  | 33/11 KV S/s Kolhegano                  | 11 kv Dhaneli           | 144 Amp          | 11 KV              | Weasel       | Rabbit | 5                                          |
| 87   | Kawardtha      | Pandariya  | 33/11 KV S/s Kolhegano                  | 11 kv Kolhegano Pump    | 82 Amp           | 11 KV              | Squirrel     | Rabbit | 5                                          |
| 88   | Kawardtha      | Pandariya  | 33/11 KV S/s Mainpura                   | 11 kv Town I            | 90 Amp           | 11 KV              | Squirrel     | Rabbit | 3                                          |
| 89   | Kawardtha      | Pandariya  | 33/11 KV S/s Mainpura                   | 11 kv Padhi             | 100 Amp          | 11 KV              | Squirrel     | Rabbit | 4                                          |
| 90   | Kawardtha      | Pandariya  | 33/11 KV S/s Mainpura                   | 11 kv Gramin            | 110 Amp          | 11 KV              | Weasel       | Rabbit | 3                                          |
| 91   | Kawardtha      | Pandariya  | 33/11 KV S/s Mainpura                   | 11 kv Pauni             | 80 Amp           | 11 KV              | Squirrel     | Rabbit | 5                                          |
| 92   | Kawardtha      | Pandariya  | 33/11 KV S/s Palansari                  | 11 kv Paraswara Pump    | 85 Amp           | 11 KV              | Squirrel     | Rabbit | 8                                          |
| 93   | Kawardtha      | Pandariya  | 33/11 KV S/s Podi                       | 11 kv Khaduda Basti     | 120 Amp          | 11 KV              | Weasel       | Rabbit | 15                                         |
| 94   | Kawardtha      | Pandariya  | 33/11 KV S/s Podi                       | 11 kv Lenjaktar Basti   | 120 Amp          | 11 KV              | Weasel       | Rabbit | 11                                         |
| 95   | Kanker         | Pakhanjore | Pakhanjore ss-Kapsi feeder- PV-09       | PV-130                  | 110              | 11 KV              | Weasel       | Rabbit | 6                                          |
| 96   | Kanker         | Pakhanjore | Pakhanjore ss-Bande Feeder-Nawagondahur | PV-39                   | 114              | 11 KV              | Weasel       | Rabbit | 6                                          |
| 97   | Kanker         | Pakhanjore | Kapsi ss                                | Barda                   | 150              | 11 KV              | Weasel       | Rabbit | 7                                          |
| 98   | Kanker         | Pakhanjore | Mathurabazar ss                         | Sohgaon                 | 164              | 11 KV              | Weasel       | Rabbit | 6                                          |
| 99   | Kanker         | Pakhanjore | Mathurabazar ss                         | PV-112                  | 120              | 11 KV              | Weasel       | Rabbit | 6                                          |
| 100  | Kanker         | Pakhanjore | Gondahur ss                             | PV-26                   | 143              | 11 KV              | Weasel       | Rabbit | 7                                          |
| 101  | Kanker         | Pakhanjore | Chhotebetia ss                          | Belgad                  | 100              | 11 KV              | Weasel       | Rabbit | 7                                          |
| 102  | Kanker         | Pakhanjore | Bande ss                                | Belgad                  | 110              | 11 KV              | Weasel       | Rabbit | 7                                          |
| 103  | Korba          | KORBA CTT  | 33/11KVSS BHAIROTAL                     | SUMEDHA                 |                  | 11 KV              | Weasel       | Rabbit | 2.00                                       |
| 104  | Korba          | KORBA CTT  | 33/11KVSS BHILAI BAZAR                  | GEWRA                   |                  | 11 KV              | Weasel       | Rabbit | 3.00                                       |
| 105  | Korba          | KORBA CTT  | 33/11KV HTPP DARRI                      | ABC                     |                  | 11 KV              | Weasel       | Rabbit | 1.00                                       |
| 106  | Korba          | KORBA CTT  | 33/11KV HTPP DARRI                      | BALGI                   |                  | 11 KV              | Weasel       | Rabbit | 2.00                                       |
| 107  | Korba          | KORBA CTT  | 33/11KV IRRIGATION                      | IRRIGATION-2            |                  | 11 KV              | Weasel       | Rabbit | 2.00                                       |
| 108  | Korba          | KORBA CTT  | 33/11KV IRRIGATION                      | INDIRA NAGAR            |                  | 11 KV              | Weasel       | Rabbit | 1.00                                       |
| 109  | Korba          | KORBA CTT  | 33/11KVINDIRA NAGAR                     | SEMPALI                 |                  | 11 KV              | Weasel       | Rabbit | 1.00                                       |
| 110  | Korba          | KORBA CTT  | 33/11 KVSS BHAIROTAL                    | KUCHEHA                 |                  | 11 KV              | Weasel       | Rabbit | 1.00                                       |
| 111  | Korba          | KORBA CTT  | 33/11KV TULSINAGAR                      | KORBA T                 |                  | 11 KV              | Weasel       | Rabbit | 2.00                                       |
| 112  | Korba          | KORBA CTT  | 33/11KV TULSINAGAR                      | TINADAFAI               |                  | 11 KV              | Weasel       | Rabbit | 2.00                                       |
| 113  | Korba          | KORBA CTT  | 33/11KV AB TYPE                         | PUMP HOUSE              |                  | 11 KV              | Weasel       | Rabbit | 3.00                                       |
| 114  | Korba          | KORBA CTT  | 33/11KV AB TYPE                         | RASIAN HOSTEL           |                  | 11 KV              | Weasel       | Rabbit | 2.50                                       |
| 115  | Korba          | KORBA CTT  | 33/11 KV SSMOTT SAGARPARA               | INDIRA NAGAR            |                  | 11 KV              | Weasel       | Rabbit | 2.00                                       |
| 116  | Korba          | KORBA CTT  | 33/11 KV SSMOTT SAGARPARA               | RANI ROAD               |                  | 11 KV              | Weasel       | Rabbit | 2.00                                       |



| S.No | Name of Circle | Name of Dn | Augmentation point From | Augmentation up To | Peak Load in AMP | Voltage Level (KV) | Augmentation |        | Length Involved for augmentation( Ckt. Km) |
|------|----------------|------------|-------------------------|--------------------|------------------|--------------------|--------------|--------|--------------------------------------------|
| 1    | 2              | 3          | 9                       | 10                 | 12               | 13                 | 14           | 15     | 16                                         |
| 117  | Korba          | KORBA CITY | 33/11KV BUDHWARI        | ITI                |                  | 11 KV              | Weasel       | Rabbit | 1.00                                       |
| 118  | Korba          | KORBA CITY | 33/11KV BUDHWARI        | BUDHWARI           |                  | 11 KV              | Weasel       | Rabbit | 3.00                                       |
| 119  | Korba          | KORBA CITY | 33/11KV RSS NAGAR       | DADAR              |                  | 11 KV              | Weasel       | Rabbit | 2.00                                       |
| 120  | Korba          | KORBA CITY | 33/11KV CDF             | RAMPUR             |                  | 11 KV              | Weasel       | Rabbit | 1.00                                       |
| 121  | Korba          | KORBA CITY | 33/11KV BALCO           | BHADRAPARA         |                  | 11 KV              | Weasel       | Rabbit | 3.00                                       |
| 122  | Korba          | KORBA CITY | 33/11KV BALCO           | GAVATRI MANDIR     |                  | 11 KV              | Weasel       | Rabbit | 3.00                                       |
| 123  | Korba          | KORBA CITY | 33/11KV BALCO           | AMBEDKAR           |                  | 11 KV              | Weasel       | Rabbit | 3.00                                       |
| 124  | Korba          | KORBA O&M  | 33/11 KV SS DIPKA       | 11 KV DIPKA        |                  | 11 KV              | Weasel       | Rabbit | 3.00                                       |
| 125  | Korba          | KORBA O&M  | 33/11 KVSS HARDIBAZAR   | 11 KV HARDIBAZAR   |                  | 11 KV              | Weasel       | Rabbit | 4.00                                       |
| 126  | Korba          | KORBA O&M  | 33/11 KVSS URG          | 11 KVURGA          |                  | 11 KV              | Weasel       | Rabbit | 6.00                                       |
| 127  | Korba          | KORBA O&M  | 33/11 KV SS RAMPUR      | 11 KV BEHARCHUA    |                  | 11 KV              | Weasel       | Rabbit | 5.00                                       |
| 128  | Korba          | KORBA O&M  | 33/11KV SS KARTALA      | 11 KV KARTALA      |                  | 11 KV              | Weasel       | Rabbit | 10.00                                      |
| 129  | Korba          | KATGHORA   | 33/11 KV SS CHHURI      | 11 KV BINPUR       |                  | 11 KV              | Weasel       | Rabbit | 5.00                                       |
| 130  | Korba          | KATGHORA   | 33/11 KV SS JATGA       | 11 KV BANDHAPARA   |                  | 11 KV              | Weasel       | Rabbit | 12.00                                      |
| 131  | Korba          | KATGHORA   | 33/11 KVSS PODIUPRODA   | 11 KV GURSA        |                  | 11 KV              | Weasel       | Rabbit | 8.00                                       |
| 132  | Korba          | KATGHORA   | 33/11 KV SSCHAITMA      | 11 KV RAUKAMMA     |                  | 11 KV              | Weasel       | Rabbit | 7.00                                       |
| 133  | Korba          | KATGHORA   | 33/11 KV SS PALI        | 11 KV DUMARKACHHAR |                  | 11 KV              | Weasel       | Rabbit | 6.00                                       |
| 134  | Korba          | KATGHORA   | 33/11 KVSS BANDHAKHAR   | 11 KV TIWARTA      |                  | 11 KV              | Weasel       | Rabbit | 4.00                                       |
| 135  | Korba          | KATGHORA   | 33/11 KV SS PODIUPRODA  | 11 KV GURSA        |                  | 11 KV              | Weasel       | Rabbit | 5.00                                       |
| 136  | Korba          | KATGHORA   | 33/11 KV SS PODIUPRODA  | 11 KV GURSA        |                  | 11 KV              | Weasel       | Rabbit | 5.00                                       |
| 137  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 5.00                                       |
| 138  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 16                                         |
| 139  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 22                                         |
| 140  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 14                                         |
| 141  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 26                                         |
| 142  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 5                                          |
| 143  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 3                                          |
| 144  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 10                                         |
| 145  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 5                                          |
| 146  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 5                                          |
| 147  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 5                                          |
| 148  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 13                                         |
| 149  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 6                                          |
| 150  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 8                                          |
| 151  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 5                                          |
| 152  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 6                                          |
| 153  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 7.5                                        |
| 154  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 15                                         |
| 155  | Korba          | KATGHORA   | 33/11 KV SS BINJARA     | 11 KV BINJARA      |                  | 11 KV              | Weasel       | Rabbit | 9                                          |

Proposed Additional 33/11 kV S/s in Project

Table-5

FORMAT-4

| Sl No. | Name of Circle | Name of Dn | Name of existing S/s | Existing Capacity (In MVA) | Maximum Load | Additional capacity required (In MVA) | Remarks |
|--------|----------------|------------|----------------------|----------------------------|--------------|---------------------------------------|---------|
| 1      | 2              | 3          | 7                    | 8                          | 9            | 10                                    | 11      |
| 1      | Raipur CC-I    | West       | Kushalpur            | 5                          | 216.9        | 5                                     | PH-I    |
| 2      | Raipur CC-I    | West       | RDA Sarona           | 10                         | 207          | 5                                     | PH-I    |
| 3      | Raipur CC-I    | West       | University           | 5                          | 192          | 5                                     | PH-I    |
| 4      | Raipur CC-I    | East       | Shantinagar          | 10                         | 444          | 5                                     | PH-II   |
| 5      | Raipur CC-I    | East       | Raheja               | 5                          | 191.16       | 5                                     | PH-I    |
| 6      | Raipur CC-II   | North      | Sondongari           | 3.15                       | 147          | 5                                     | PH-I    |
| 7      | Raipur         | Atalnagar  | Saddani darbar       | 5                          | 180          | 3.15                                  | PH-I    |
| 8      | Raipur         | Atalnagar  | Boriyakala           | 5                          | 185          | 3.15                                  | PH-I    |
| 9      | Raipur         | Atalnagar  | datenga              | 5                          | 202          | 3.15                                  | PH-I    |
| 10     | Raipur         | Atalnagar  | Sejbahar             | 5                          | 120          | 3.15                                  | PH-I    |
| 11     | Raipur         | Dhantari   | Sankra               | 3.15                       | 163          | 3.15                                  | PH-I    |
| 12     | Raipur         | Dhantari   | Akladongri           | 3.15                       | 150          | 3.15                                  | PH-I    |
| 13     | Raipur         | Kurud      | Nawagaon (K)         | 2x5                        | 500          | 3.15                                  | PH-II   |
| 14     | Raipur         | Kurud      | Magarlod             | 2x5                        | 510          | 5                                     | PH-I    |
| 15     | Balodabazar    | Kasdol     | Thakurdiya           | 3.15                       | 160.65       | 3.15                                  | PH-II   |
| 16     | Balodabazar    | Kasdol     | Arjuni               | 5                          | 255          | 3.15                                  | PH-II   |
| 17     | Balodabazar    | Kasdol     | Pachri               | 2x5                        | 510          | 3.15                                  | PH-I    |
| 18     | Balodabazar    | Kasdol     | Dhansir              | 2x5                        | 510          | 3.15                                  | PH-I    |
| 19     | Balodabazar    | Bhatapara  | Chandiyapathra       | 3.15                       | 160          | 3.15                                  | PH-I    |
| 20     | Balodabazar    | Bhatapara  | Tikuliya             | 3.15                       | 164          | 3.15                                  | PH-I    |
| 21     | Balodabazar    | Bhatapara  | Deori                | 3.15                       | 162          | 3.15                                  | PH-II   |
| 22     | Mahasamund     | Mahasamund | Kasturbod            | 5                          | 143          | 3.15                                  | PH-I    |
| 23     | Mahasamund     | Pithora    | Sukhpail             | 10                         | 262          | 3.15                                  | PH-I    |
| 24     | Mahasamund     | Pithora    | Tendukona            | 3.15                       | 470          | 3.15                                  | PH-I    |
| 25     | Mahasamund     | Pithora    | Ghonnch              | 3.15                       | 140          | 3.15                                  | PH-I    |
| 26     | Mahasamund     | Saraipali  | Patiyapali           | 3.15                       | 140          | 3.15                                  | PH-I    |
| 27     | Mahasamund     | Saraipali  | Awalachakka          | 3.15                       | 140          | 3.15                                  | PH-I    |
| 28     | Mahasamund     | Gariyaband | Chhura               | 10                         | 500          | 3.15                                  | PH-I    |
| 29     | Mahasamund     | Gariyaband | Dongrigaon           | 3.15                       | 152          | 3.15                                  | PH-I    |
| 30     | Durg city      | Durg       | Karmachari nagar     | 2x5                        | 216+196      | 3.15                                  | PH-I    |
| 31     | Durg city      | West       | PD Parisar           | 2x5                        | 240+220      | 5                                     | PH-I    |
| 32     | Durg city      | East       | Ghasidas Nagar       | 5                          | 210          | 5                                     | PH-I    |
| 33     | Durg           | Bemetara   | Jhal                 | 2x5                        | 279+285      | 5                                     | PH-I    |



|    |               |             |                     |      |         |      |       |
|----|---------------|-------------|---------------------|------|---------|------|-------|
| 34 | Durg          | Saja        | Anandgaon           | 2x5  | 230+250 | 3.15 | PH-I  |
| 35 | Durg          | balod       | Balod               | 5    | 250     | 5    | PH-I  |
| 36 | Durg          | Balod       | Chikhlakasa         | 3.15 | 155     | 3.15 | PH-I  |
| 37 | Rajnandgaon   | Dongargarth | L.B. Nagar          | 2x5  | 295+250 | 3.15 | PH-I  |
| 38 | Rajnandgaon   | Dongargarth | Bamhni Charbhatha   | 5    | 245     | 3.15 | PH-II |
| 39 | Rajnandgaon   | Dongargarth | Dongargarth (T)     | 5    | 290     | 5    | PH-II |
| 40 | Rajnandgaon   | Mohla       | Aundhi              | 3.15 | 192     | 3.15 | PH-I  |
| 41 | Rajnandgaon   | Mohla       | Khadgaon            | 3.15 | 203     | 3.15 | PH-I  |
| 42 | Rajnandgaon   | Mohla       | Dumartola           | 3.15 | 190     | 3.15 | PH-I  |
| 43 | Rajnandgaon   | Mohla       | Kaudikasa           | 5    | 340     | 3.15 | PH-I  |
| 44 | Rajnandgaon   | Khairagarth | Jhurradi            | 5    | 277     | 3.15 | PH-I  |
| 45 | Rajnandgaon   | Khairagarth | palimeta            | 5    | 282     | 3.15 | PH-I  |
| 46 | Rajnandgaon   | Khairagarth | Dhodha              | 3.15 | 150     | 3.15 | PH-I  |
| 47 | Rajnandgaon   | Dongargaon  | Kumarda             | 5    | 285     | 3.15 | PH-I  |
| 48 | Rajnandgaon   | Dongargaon  | Bijebhata           | 5    | 285     | 3.15 | PH-I  |
| 49 | Kawardha      | Pandariya   | IPDS                | 5    | 241     | 5    | PH-I  |
| 50 | Kawardha      | Pandariya   | Kodapuri            | 5    | 260     | 5    | PH-I  |
| 51 | Kawardha      | Kawardha    | Mohgaon             | 5    | 245     | 5    | PH-I  |
| 52 | Kawardha      | Kawardha    | Singhanpuri         | 5    | 234     | 5    | PH-I  |
| 53 | Kawardha      | Kawardha    | Ghotiya             | 5    | 225     | 5    | PH-I  |
| 54 | Kawardha      | Kawardha    | Maharajpur          | 5    | 265     | 5    | PH-I  |
| 55 | Kawardha      | Kawardha    | Rajanaawagaon       | 2x5  | 242     | 5    | PH-I  |
| 56 | Kanker        | Kanker      | Patoud              | 3.15 | 170     | 5    | PH-I  |
| 57 | Kanker        | Kanker      | Dumarpani           | 3.15 | 148     | 3.15 | PH-II |
| 58 | Kanker        | Kanker      | Bagodar             | 3.15 | 174     | 5    | PH-II |
| 59 | Kanker        | Kondagaon   | Badbattar           | 3.15 | 145     | 3.15 | PH-I  |
| 60 | Kanker        | Kondagaon   | Mardapal            | 3.15 | 146     | 3.15 | PH-II |
| 61 | Kanker        | Kondagaon   | Collectrate         | 3.15 | 158     | 3.15 | PH-I  |
| 62 | Kanker        | Narayanpur  | Bakhtupara          | 3.15 | 155     | 3.15 | PH-I  |
| 63 | Kanker        | Pakhanjore  | Chhotebetia         | 3.15 | 153     | 5    | PH-I  |
| 64 | Bilaspur city | Dn-II-West  | Shanti nagar        | 5    | 231     | 5    | PH-I  |
| 65 | Bilaspur      | Mungeli     | Kukusada            | 5    | 255     | 3.15 | PH-I  |
| 66 | Bilaspur      | Mungeli     | Temri               | 5    | 250     | 3.15 | PH-I  |
| 67 | Bilaspur      | Mungeli     | Dashrangpur         | 5    | 250     | 3.15 | PH-I  |
| 68 | Bilaspur      | Mungeli     | Chatarkhar          | 5    | 255     | 3.15 | PH-I  |
| 69 | Bilaspur      | Mungeli     | Pal/ Butena         | 5    | 255     | 3.15 | PH-I  |
| 70 | Bilaspur      | Bilaspur    | Bartori             | 2x5  | 475     | 3.15 | PH-I  |
| 71 | Bilaspur      | Bilaspur    | Nawagaon            | 3.15 | 160     | 3.15 | PH-I  |
| 72 | Bilaspur      | Bilaspur    | Chilhati            | 5    | 255     | 3.15 | PH-I  |
| 73 | Bilaspur      | Pendraroad  | C V raman           | 5    | 245     | 3.15 | PH-I  |
| 74 | Korba         | Korba city  | Bhairotal           | 3.15 | 160     | 3.15 | PH-I  |
| 75 | Korba         | Korba city  | Irri. colony Rampur | 3.15 | 75      | 3.15 | PH-I  |

|    |         |            |                           |       |     |      |       |
|----|---------|------------|---------------------------|-------|-----|------|-------|
| 76 | Korba   | Korba city | Housing board ,<br>Rampur | 5     | 100 | 3.15 | PH-I  |
| 77 | Korba   | Korba      | Boida                     | 3.15  | 120 | 3.15 | PH-I  |
| 78 | Korba   | Katghora   | Bandakhar                 | 3.15  | 110 | 3.15 | PH-I  |
| 79 | Janjgir | Akaltara   | Mulmulla                  | 3.15  | 150 | 3.15 | PH-I  |
| 80 | Janjgir | Akaltara   | Rasota                    | 5 MVA | 190 | 3.15 | PH-I  |
| 81 | Janjgir | Akaltara   | Kosir                     | 3.15  | 145 | 3.15 | PH-I  |
| 82 | Janjgir | Sakti      | Borda                     | 3.15  | 155 | 3.15 | PH-I  |
| 83 | Janjgir | Sakti      | Chisda                    | 5 MVA | 240 | 3.15 | PH-I  |
| 84 | Janjgir | Sakti      | Badesipat                 | 5 MVA | 240 | 3.15 | PH-I  |
| 85 | Janjgir | Sakti      | Senduras                  | 5 MVA | 245 | 3.15 | PH-I  |
| 86 | Janjgir | Sakti      | Nandourkala               | 5 MVA | 240 | 3.15 | PH-I  |
| 87 | Janjgir | Champa     | Karnaud                   | 3.15  | 160 | 3.15 | PH-I  |
| 88 | Janjgir | Champa     | RAPDRP Champa             | 3.15  | 180 | 3.15 | PH-I  |
| 89 | Janjgir | Champa     | Ranipar, Janjgir          | 5 MVA | 240 | 3.15 | PH-I  |
| 90 | Raigarh | Sarangarh  | TIMARLAGA                 | 5     | 262 | 3.15 | PH-I  |
| 91 | Raigarh | Sarangarh  | SARIA BAZAR               | 5     | 262 | 3.15 | PH-II |
| 92 | Raigarh | Sarangarh  | HATTAPALI                 | 5     | 262 | 3.15 | PH-I  |
| 93 | Raigarh | Raigarh-II | Turanga                   | 3.15  | 266 | 5    | PH-I  |



# PROGRESS OF REPLACEMENT OF STOPPED/DEFECTIVE METERS FOR THE NOV-2024

Table-6  
FORMAT-1

| SI NO. | Name of Circle          | No of metered connections at the beginning of month as per R-15 for current month |               |                | S/D meters balance as on 31.03.2024 |              |               | Stopped/def. meters Added during the year 2023-24 up to the current month |              |               | Progressive total Replaced during the year 2023-24 up to the current month |              |               | Balance at the end of the month |              |               | % of stop defective meters |               |               |
|--------|-------------------------|-----------------------------------------------------------------------------------|---------------|----------------|-------------------------------------|--------------|---------------|---------------------------------------------------------------------------|--------------|---------------|----------------------------------------------------------------------------|--------------|---------------|---------------------------------|--------------|---------------|----------------------------|---------------|---------------|
|        |                         | Single phase                                                                      | 3 phase       | Total          | Single phase                        | 3 phase      | Total         | Single phase                                                              | 3 phase      | Total         | Single phase                                                               | 3 phase      | Total         | Single phase                    | 3 phase      | Total         | Single phase               | 3 phase       | Total         |
| 1      | 2                       | 3                                                                                 | 4             | 5              | 6                                   | 7            | 8             | 9                                                                         | 10           | 11            | 12                                                                         | 13           | 14            | 15                              | 16           | 17            | 18                         | 19            | 20            |
| 1      | City-I, Raipur          | 226311                                                                            | 92800         | 319111         | 1187                                | 382          | 1569          | 5454                                                                      | 2502         | 7956          | 4083                                                                       | 2207         | 6290          | 2558                            | 677          | 3235          | 1.13%                      | 0.73%         | 1.01%         |
| 2      | City-II, Raipur         | 110776                                                                            | 27233         | 138009         | 1242                                | 118          | 1360          | 2767                                                                      | 839          | 3606          | 1625                                                                       | 578          | 2203          | 2384                            | 379          | 2763          | 2.15%                      | 1.39%         | 2.00%         |
|        | <b>Region Total</b>     | <b>337087</b>                                                                     | <b>120033</b> | <b>457120</b>  | <b>2429</b>                         | <b>500</b>   | <b>2929</b>   | <b>8221</b>                                                               | <b>3341</b>  | <b>11562</b>  | <b>5708</b>                                                                | <b>2785</b>  | <b>8403</b>   | <b>4942</b>                     | <b>1056</b>  | <b>5998</b>   | <b>1.47%</b>               | <b>0.88%</b>  | <b>1.31%</b>  |
| 3      | O&M Raipur              | 458066                                                                            | 88768         | 546834         | 23456                               | 482          | 23938         | 16032                                                                     | 1390         | 17422         | 9977                                                                       | 1089         | 11066         | 29511                           | 783          | 30294         | 6.44%                      | 0.88%         | 5.54%         |
| 4      | O&M B.Bazar             | 245219                                                                            | 48492         | 293711         | 39671                               | 211          | 39882         | 9060                                                                      | 523          | 9583          | 3799                                                                       | 467          | 4266          | 44932                           | 267          | 45199         | 18.32%                     | 0.55%         | 15.39%        |
| 5      | O&M Mahasamund          | 304994                                                                            | 76277         | 381271         | 59356                               | 3093         | 62449         | 7601                                                                      | 2480         | 10081         | 7221                                                                       | 2144         | 9365          | 59736                           | 3429         | 63165         | 19.59%                     | 4.50%         | 16.57%        |
|        | <b>Region Total</b>     | <b>1008279</b>                                                                    | <b>213537</b> | <b>1221816</b> | <b>122483</b>                       | <b>3786</b>  | <b>126269</b> | <b>32693</b>                                                              | <b>4393</b>  | <b>37086</b>  | <b>20997</b>                                                               | <b>3700</b>  | <b>24697</b>  | <b>134179</b>                   | <b>4479</b>  | <b>138658</b> | <b>13.31%</b>              | <b>2.10%</b>  | <b>11.35%</b> |
| 7      | City Durg               | 205335                                                                            | 64638         | 269973         | 5271                                | 1080         | 6351          | 3583                                                                      | 1980         | 5563          | 2040                                                                       | 902          | 2942          | 6814                            | 2158         | 8972          | 3.32%                      | 3.34%         | 3.32%         |
| 6      | O&M Durg                | 585176                                                                            | 110743        | 695919         | 81447                               | 12422        | 93869         | 20497                                                                     | 7820         | 28317         | 6151                                                                       | 11064        | 17215         | 95793                           | 9178         | 104971        | 16.37%                     | 8.29%         | 15.08%        |
|        | <b>Region Total</b>     | <b>790511</b>                                                                     | <b>175381</b> | <b>965892</b>  | <b>86718</b>                        | <b>13502</b> | <b>100220</b> | <b>24080</b>                                                              | <b>9800</b>  | <b>33880</b>  | <b>8191</b>                                                                | <b>11966</b> | <b>20157</b>  | <b>102607</b>                   | <b>11336</b> | <b>113943</b> | <b>12.98%</b>              | <b>6.46%</b>  | <b>11.80%</b> |
| 8      | O&M Rajnandgaon         | 382230                                                                            | 70349         | 452579         | 13877                               | 4508         | 18385         | 8516                                                                      | 953          | 9469          | 5232                                                                       | 1010         | 6242          | 17161                           | 4451         | 21612         | 4.49%                      | 6.33%         | 4.78%         |
| 9      | O&M Kawardha            | 150033                                                                            | 43791         | 193824         | 27271                               | 32           | 27303         | 5401                                                                      | 155          | 5556          | 2929                                                                       | 132          | 3061          | 29743                           | 55           | 29798         | 19.82%                     | 0.13%         | 15.37%        |
|        | <b>Region Total</b>     | <b>532263</b>                                                                     | <b>114140</b> | <b>646403</b>  | <b>41148</b>                        | <b>4540</b>  | <b>45688</b>  | <b>13917</b>                                                              | <b>1108</b>  | <b>15025</b>  | <b>8161</b>                                                                | <b>1142</b>  | <b>9303</b>   | <b>46904</b>                    | <b>4506</b>  | <b>51410</b>  | <b>8.81%</b>               | <b>3.95%</b>  | <b>7.95%</b>  |
| 10     | O&M Jagdapur            | 390523                                                                            | 16239         | 406762         | 19326                               | 357          | 19683         | 7042                                                                      | 465          | 7507          | 6623                                                                       | 351          | 6974          | 19745                           | 471          | 20216         | 5.06%                      | 2.90%         | 4.97%         |
| 11     | O&M Kancker             | 343725                                                                            | 48108         | 391833         | 39776                               | 222          | 39998         | 7390                                                                      | 313          | 7703          | 6859                                                                       | 223          | 7082          | 40307                           | 312          | 40619         | 11.73%                     | 0.65%         | 10.37%        |
|        | <b>Region Total</b>     | <b>734248</b>                                                                     | <b>64347</b>  | <b>798595</b>  | <b>59102</b>                        | <b>579</b>   | <b>59681</b>  | <b>14432</b>                                                              | <b>778</b>   | <b>15210</b>  | <b>13482</b>                                                               | <b>574</b>   | <b>14056</b>  | <b>60052</b>                    | <b>783</b>   | <b>60835</b>  | <b>8.18%</b>               | <b>1.22%</b>  | <b>7.62%</b>  |
| 12     | City Bilaspur           | 112201                                                                            | 34413         | 146614         | 1321                                | 102          | 1423          | 2495                                                                      | 795          | 3290          | 1516                                                                       | 739          | 2255          | 2300                            | 158          | 2458          | 2.05%                      | 0.46%         | 1.68%         |
| 13     | O&M Bilaspur            | 396523                                                                            | 57239         | 453762         | 85699                               | 199          | 85898         | 30479                                                                     | 412          | 30891         | 44070                                                                      | 359          | 44429         | 72108                           | 252          | 72360         | 18.19%                     | 0.44%         | 15.95%        |
| 15     | O&M Korba               | 206486                                                                            | 13491         | 219977         | 73701                               | 338          | 74039         | 4771                                                                      | 571          | 5342          | 4738                                                                       | 501          | 5239          | 73734                           | 408          | 74142         | 35.71%                     | 3.02%         | 33.70%        |
|        | <b>Region Total</b>     | <b>715210</b>                                                                     | <b>105143</b> | <b>820353</b>  | <b>160721</b>                       | <b>639</b>   | <b>161360</b> | <b>37745</b>                                                              | <b>1778</b>  | <b>39523</b>  | <b>50324</b>                                                               | <b>1599</b>  | <b>51923</b>  | <b>148142</b>                   | <b>818</b>   | <b>148960</b> | <b>20.71%</b>              | <b>0.78%</b>  | <b>18.16%</b> |
| 14     | O&M Champa              | 302332                                                                            | 65315         | 367647         | 72954                               | 497          | 73451         | 11381                                                                     | 1249         | 12630         | 8998                                                                       | 1208         | 10206         | 75337                           | 538          | 75875         | 24.92%                     | 0.82%         | 20.64%        |
| 16     | O&M Raigarh             | 258521                                                                            | 67429         | 325950         | 18979                               | 279          | 19258         | 13238                                                                     | 454          | 13692         | 2402                                                                       | 357          | 2759          | 29815                           | 376          | 30191         | 11.53%                     | 0.56%         | 9.26%         |
|        | <b>Bilaspur Region</b>  | <b>560853</b>                                                                     | <b>132744</b> | <b>693597</b>  | <b>91933</b>                        | <b>776</b>   | <b>92709</b>  | <b>24619</b>                                                              | <b>1703</b>  | <b>26322</b>  | <b>11400</b>                                                               | <b>1565</b>  | <b>12965</b>  | <b>105152</b>                   | <b>914</b>   | <b>106066</b> | <b>18.75%</b>              | <b>0.69%</b>  | <b>15.29%</b> |
| 17     | O&M Ambikapur           | 492191                                                                            | 42850         | 535041         | 174244                              | 675          | 174919        | 18697                                                                     | 1105         | 19802         | 22259                                                                      | 926          | 23185         | 170682                          | 854          | 171536        | 34.68%                     | 1.99%         | 32.06%        |
| 18     | O&M Baikunthpur         | 233427                                                                            | 20267         | 253694         | 88710                               | 2771         | 91481         | 4429                                                                      | 412          | 4841          | 2977                                                                       | 2036         | 5013          | 90162                           | 1147         | 91309         | 38.63%                     | 5.66%         | 35.99%        |
|        | <b>Ambikapur Region</b> | <b>725618</b>                                                                     | <b>63117</b>  | <b>788735</b>  | <b>265702</b>                       | <b>953</b>   | <b>266655</b> | <b>23126</b>                                                              | <b>1517</b>  | <b>24643</b>  | <b>25236</b>                                                               | <b>2962</b>  | <b>28198</b>  | <b>263592</b>                   | <b>-492</b>  | <b>263100</b> | <b>36.33%</b>              | <b>-0.78%</b> | <b>33.36%</b> |
|        | <b>STATE TOTAL</b>      | <b>5199313</b>                                                                    | <b>988442</b> | <b>6187755</b> | <b>830236</b>                       | <b>25275</b> | <b>855511</b> | <b>178833</b>                                                             | <b>24418</b> | <b>203251</b> | <b>143499</b>                                                              | <b>26293</b> | <b>169792</b> | <b>865570</b>                   | <b>23400</b> | <b>888970</b> | <b>16.65%</b>              | <b>2.37%</b>  | <b>14.37%</b> |



Table-7

## PROGRESS REPORT OF DISTRIBUTION TRANSFORMER FOR THE MONTH OF JAN.-2025

| Sl. No | PARTICULARS            | Name of Region | TRANSFORMER CAPACITY IN KVA |      |       |       |       |       |       |      |     |      |        |  |
|--------|------------------------|----------------|-----------------------------|------|-------|-------|-------|-------|-------|------|-----|------|--------|--|
|        |                        |                | 5                           | 10   | 16    | 25    | 50/63 | 100   | 200   | 315  | 500 | 1000 | TOTAL  |  |
| 1      | Nos of X'mer Installed | Raipur City    | 0                           | 0    | 25    | 692   | 1960  | 3393  | 3826  | 1379 | 252 | 20   | 11547  |  |
|        |                        | Raipur Rural   | 0                           | 865  | 9553  | 20514 | 13067 | 7085  | 1799  | 145  | 113 | 0    | 53141  |  |
|        |                        | Durg           | 18                          | 288  | 2197  | 10656 | 10997 | 6365  | 2559  | 350  | 3   | 0    | 33433  |  |
|        |                        | Bilaspur       | 0                           | 405  | 1443  | 9155  | 7799  | 5191  | 2849  | 221  | 17  | 0    | 27080  |  |
|        |                        | Raigarh        | 4                           | 712  | 3312  | 8412  | 9253  | 4686  | 1474  | 43   | 0   | 0    | 27896  |  |
|        |                        | Rajnandgaon    | 0                           | 481  | 4747  | 11983 | 6187  | 3223  | 771   | 94   | 8   | 0    | 27494  |  |
|        |                        | Ambikapur      | 0                           | 316  | 4142  | 13127 | 7621  | 2017  | 720   | 28   | 3   | 0    | 27974  |  |
|        |                        | Jagdalpur      | 0                           | 0    | 5091  | 17961 | 6392  | 2155  | 538   | 21   | 20  | 0    | 32178  |  |
|        |                        | TOTAL          | 22                          | 3067 | 30510 | 92500 | 63276 | 34115 | 14536 | 2281 | 416 | 20   | 240743 |  |



**FUND REQUIREMENT DETAILS FOR THE PROPOSED HEAD OFFICE OF CHHATTISGARH POWER COMPANIES AT NAVA RAIPUR ATAL NAGAR**

**ESTIMATED COST OF THE PROJECT : INR 217.50 Cr.**  
**PERIOD : 3 YEARS,**

| ESTIMATED COST OF THE PROJECT : INR LAKHS |                            |                                           |         |         |          |         |         |          |         |         |        |
|-------------------------------------------|----------------------------|-------------------------------------------|---------|---------|----------|---------|---------|----------|---------|---------|--------|
| PERIOD : 3 YEARS,                         |                            |                                           |         |         |          |         |         |          |         |         |        |
| S.N.                                      | PARTICULARS                | 1ST YEAR                                  |         |         | 2ND YEAR |         |         | 3RD YEAR |         |         | TOTAL  |
| 1                                         | FUND REQUIREMENT (IN %)    | 25%                                       |         |         | 35%      |         |         | 40%      |         |         | 100%   |
| 2                                         | FUND REQUIREMENT (INR Cr.) | 54.38                                     |         |         | 76.13    |         |         | 87.00    |         |         | 217.50 |
|                                           |                            | COMPANY WISE FUND REQUIREMENT BIFURCATION |         |         |          |         |         |          |         |         |        |
|                                           |                            | CSP TCL                                   | CSP GCL | CSP DCL | CSP TCL  | CSP GCL | CSP DCL | CSP TCL  | CSP GCL | CSP DCL |        |
| 3                                         | FIXED SHARING RATIO (IN %) | 32.55%                                    | 35.67%  | 31.78%  | 32.55%   | 35.67%  | 31.78%  | 32.55%   | 35.67%  | 31.78%  |        |
| 4                                         | FUND REQUIREMENT (INR Cr.) | 17.70                                     | 19.40   | 17.28   | 24.78    | 27.15   | 24.19   | 28.32    | 31.03   | 27.65   | 217.50 |

Note:- Fund shall be required to be released quarterly in equal installments.

*(Signature)*  
 EECU  
 CSPGCL

| ABSTRACT OF STAGE I ESTIMATE (i/c COST OF BUILDING AND LAND etc.)                                  |                                                                                              |                      |
|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------|
| Name of work: Proposed Head office building of Chhattisgarh State Power Companies, at Sector 24 of |                                                                                              |                      |
| S.N.                                                                                               | DESCRIPTION                                                                                  | AMOUNT (INR)         |
| <b>A</b>                                                                                           | <b>BUILDING COST (BASED ON CPWD PLINTH AREA RATE 2021)</b>                                   |                      |
|                                                                                                    | Sub Total (A)                                                                                | 1970515044.42        |
|                                                                                                    |                                                                                              | 1970515044.42        |
|                                                                                                    | Say Rs. (In Cr.)                                                                             | 197.00               |
| <b>B</b>                                                                                           | <b>OTHER EXPENDITURES</b>                                                                    |                      |
|                                                                                                    | 1. Add Contengencies@2%, Work Charged establishment @1.5%, Total 3.5% on A                   | 68968026.55          |
|                                                                                                    | 2. Planning, Designing @1.44% on A                                                           | 28375416.64          |
|                                                                                                    | Impact of GST @18% on CSPDCL & CSPTCL share for above                                        | 3285702.994          |
|                                                                                                    | 3. Project Mangement & supervision Charges @2.5% on A                                        | 49262876.11          |
|                                                                                                    | 4. Share of Supervision charge over CSPDCL & CSPTCL @1% on A                                 | 19705150.44          |
|                                                                                                    | 5. COST OF LAND                                                                              |                      |
|                                                                                                    | PLOT No. A-47 SECTOR 24 (PLOT AREA 10017.30 SQM)                                             |                      |
| i                                                                                                  | Lease Premium of plot No 19 & 20 i/c.NOC charges paid to NRANVP & Lease registration Charges | 28498079.00          |
| ii                                                                                                 | Lease rent for three years @2% per year i/c 18% GST                                          | 1799403.00           |
| iii                                                                                                | Provision for registration & NOC for ownership sharing (5%+8%) on (i)                        | 3704750.27           |
|                                                                                                    | Sub Total (B)                                                                                | 203599405.01         |
|                                                                                                    | <b>TOTAL (A+B)</b>                                                                           | <b>2174114449.43</b> |
|                                                                                                    | Say Rs. (In Cr.)                                                                             | 217.50               |

(22)  
E & M  
CIPALL