

| Form-Details of Input Infrastructure |                                                            |                            |                                               |                                         |                          |  |
|--------------------------------------|------------------------------------------------------------|----------------------------|-----------------------------------------------|-----------------------------------------|--------------------------|--|
| 1                                    | Parameters                                                 | Total                      | Covered during in audit                       | Verified by Auditor in Sample Check     | Remarks (Source of data) |  |
| i                                    | Number of circles                                          | 4                          | 4                                             |                                         |                          |  |
| ii                                   | Number of divisions                                        | 13                         | 13                                            |                                         |                          |  |
| iii                                  | Number of sub-divisions                                    | 61                         | 61                                            |                                         |                          |  |
| iv                                   | Number of feeders                                          | 1213                       | 1184                                          |                                         |                          |  |
| v                                    | Number of DTs                                              | 92727                      | 20363                                         |                                         |                          |  |
| vi                                   | Number of consumers                                        | 2534085                    |                                               |                                         |                          |  |
| 2                                    | Parameters                                                 | 66kV and above             | 33kV                                          | 11/22kV                                 | LT                       |  |
| a. i.                                | Number of conventional metered consumers                   | 15                         |                                               |                                         | 2447961                  |  |
| ii                                   | Number of consumers with 'smart' meters                    |                            |                                               |                                         |                          |  |
| iii                                  | Number of consumers with 'smart prepaid' meters            |                            |                                               |                                         |                          |  |
| iv                                   | Number of consumers with 'AMR' meters                      |                            |                                               |                                         |                          |  |
| v                                    | Number of consumers with 'non-smart prepaid' meters        |                            |                                               |                                         |                          |  |
| vi                                   | Number of unmetered consumers                              |                            |                                               |                                         |                          |  |
| vii                                  | Number of total consumers                                  |                            |                                               |                                         | 86124                    |  |
| b.i.                                 | Number of conventionally metered Distribution Transformers |                            |                                               | 19845                                   | 2534085                  |  |
| ii                                   | Number of DTs with communicable meters                     |                            |                                               |                                         |                          |  |
| iii                                  | Number of unmetered DTs                                    |                            | All details are as on 30.09.2021              | 27023                                   |                          |  |
| iv                                   | Number of total Transformers                               |                            |                                               | 45859                                   |                          |  |
| c.i.                                 | Number of metered feeders                                  |                            |                                               | 92727                                   |                          |  |
| ii                                   | Number of feeders with communicable meters                 |                            |                                               | 1213                                    |                          |  |
| iii                                  | Number of unmetered feeders                                |                            |                                               | 1213                                    |                          |  |
| iv                                   | Number of total feeders                                    |                            |                                               | 0                                       |                          |  |
| d.                                   | Line length (ct km)                                        |                            |                                               | 1213                                    |                          |  |
| e.                                   | Length of Aerial Bunched Cables                            |                            | 135579(Rkm) including 33 kV line and AB cable |                                         |                          |  |
| f.                                   | Length of Underground Cables                               |                            |                                               |                                         |                          |  |
| 3                                    | Voltage level                                              |                            | 307.85(Rkm)                                   |                                         |                          |  |
|                                      |                                                            | Particulars                | MU                                            | Reference                               | Remarks (Source of data) |  |
|                                      |                                                            | Long-Term Conventional     | 341                                           |                                         |                          |  |
|                                      |                                                            | Medium Conventional        | 0                                             | Includes input energy for franchisees   |                          |  |
|                                      |                                                            | Short Term Conventional    | 0                                             |                                         |                          |  |
|                                      |                                                            | Banking                    | 0                                             |                                         |                          |  |
|                                      |                                                            | Long-Term Renewable energy | 15.67678849                                   |                                         |                          |  |
|                                      |                                                            | Medium and Short-Term RE   | 0                                             | Includes power from bilateral/ PX/ DEEP |                          |  |

|      |                |                                                                          |  |             |                                                                                                                                                       |
|------|----------------|--------------------------------------------------------------------------|--|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| i    | 66kV and above | Captive, open access input                                               |  | 0           | Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.                                                  |
|      |                | Sale of surplus power                                                    |  | -182.20     |                                                                                                                                                       |
|      |                | Quantum of inter-state transmission loss                                 |  |             |                                                                                                                                                       |
|      |                | Power procured from inter-state sources                                  |  | 175         |                                                                                                                                                       |
|      |                | Power at state transmission boundary                                     |  | 175         |                                                                                                                                                       |
|      |                | Long-Term Conventional                                                   |  | 566         |                                                                                                                                                       |
|      |                | Medium Conventional                                                      |  | 0           |                                                                                                                                                       |
|      |                | Short Term Conventional                                                  |  | 0           |                                                                                                                                                       |
|      |                | Banking                                                                  |  | 0           |                                                                                                                                                       |
|      |                | Long-Term Renewable energy                                               |  | 453.997847  |                                                                                                                                                       |
|      |                | Medium and Short-Term RE                                                 |  | 8.255262173 |                                                                                                                                                       |
|      |                | Captive, open access input                                               |  |             |                                                                                                                                                       |
|      |                | Sale of surplus power                                                    |  | 0           |                                                                                                                                                       |
|      |                | Quantum of intra-state transmission loss                                 |  | 1,028       |                                                                                                                                                       |
| ii   | 33kV           | Power procured from intra-state sources                                  |  | 1,203       |                                                                                                                                                       |
|      |                | Input in DISCOM wires network                                            |  |             |                                                                                                                                                       |
|      |                | Renewable Energy Procurement                                             |  |             |                                                                                                                                                       |
|      |                | Small capacity conventional/ biomass/ hydro plants Procurement           |  |             |                                                                                                                                                       |
|      |                | Captive, open access input                                               |  |             |                                                                                                                                                       |
|      |                | Renewable Energy Procurement                                             |  |             |                                                                                                                                                       |
|      |                | Small capacity conventional/ biomass/ hydro plants Procurement           |  |             |                                                                                                                                                       |
|      |                | Renewable Energy Procurement                                             |  |             |                                                                                                                                                       |
|      |                | Sales Migration Input                                                    |  | 1.59395413  |                                                                                                                                                       |
|      |                | Renewable Energy Procurement                                             |  |             |                                                                                                                                                       |
| vi   | LT             | Sales Migration Input                                                    |  |             |                                                                                                                                                       |
|      |                | Renewable Energy Procurement                                             |  |             |                                                                                                                                                       |
|      |                | Sales Migration Input                                                    |  |             |                                                                                                                                                       |
|      |                | Energy Embedded within DISCOM wires network                              |  | 1.59395413  |                                                                                                                                                       |
| viii |                | Total Energy Available/ Input                                            |  | 1,204       |                                                                                                                                                       |
|      |                | Energy/Sales Particulars                                                 |  | MU          |                                                                                                                                                       |
| i    | LT Level       | DISCOM' consumers                                                        |  |             | Reference<br>Include sales to consumers in franchisee areas, unmetered consumers<br>Non DISCOM's sales<br>Demand from embedded generation at LT level |
|      |                | Demand from open access, captive Embedded generation used at LT level    |  |             |                                                                                                                                                       |
|      |                | Sale at LT level                                                         |  | 0           |                                                                                                                                                       |
|      |                | Quantum of LT level losses                                               |  | 0           |                                                                                                                                                       |
|      |                | Energy Input at LT level                                                 |  |             |                                                                                                                                                       |
|      |                | DISCOM' consumers                                                        |  | 945         |                                                                                                                                                       |
|      |                | Demand from open access, captive Embedded generation at 11 kV level used |  |             |                                                                                                                                                       |
|      |                |                                                                          |  |             |                                                                                                                                                       |
|      |                |                                                                          |  |             |                                                                                                                                                       |
|      |                |                                                                          |  |             |                                                                                                                                                       |
|      |                |                                                                          |  |             |                                                                                                                                                       |
|      |                |                                                                          |  |             |                                                                                                                                                       |
|      |                |                                                                          |  |             |                                                                                                                                                       |
|      |                |                                                                          |  |             |                                                                                                                                                       |
| ii   | 11 kV Level    | Demand from open access, captive Embedded generation at 11 kV level used |  |             | Demand from embedded generation at 11kV level                                                                                                         |
|      |                |                                                                          |  |             |                                                                                                                                                       |

| 1   | Parameters                                                                   | Total | Covered during in audit | Verified by Auditor in Sample Check                                         | Remarks (Source of data) |
|-----|------------------------------------------------------------------------------|-------|-------------------------|-----------------------------------------------------------------------------|--------------------------|
|     | Sales at 11 kV level                                                         |       | 945                     |                                                                             |                          |
|     | Quantum of Losses at 11 kV                                                   |       | 99                      |                                                                             |                          |
|     | Energy input at 11 kV level                                                  |       | 1,045                   |                                                                             |                          |
|     | DISCOM' consumers                                                            |       |                         | Include sales to consumers in franchisee areas, unmetered consumers         |                          |
| iii | Demand from open access, captive Embedded generation at 33 kV or below level |       |                         | Non DISCOM's sales                                                          |                          |
|     | Sales at 33 kV level                                                         |       | 0                       | This is DISCOM and OA demand met via energy generated at same voltage level |                          |
|     | Quantum of Losses at 33 kV                                                   |       | 0                       |                                                                             |                          |
|     | Energy input at 33kV Level                                                   |       |                         |                                                                             |                          |
|     | DISCOM' consumers                                                            |       | 115.6                   | Include sales to consumers in franchisee areas, unmetered consumers         |                          |
| iv  | Demand from open access, captive                                             |       |                         | Non DISCOM's sales                                                          |                          |
|     | Cross border sale of energy                                                  |       |                         |                                                                             |                          |
|     | Sale to other DISCOMs                                                        |       |                         |                                                                             |                          |
|     | Banking                                                                      |       |                         |                                                                             |                          |
|     | Energy input at > 33kV Level                                                 |       | 97                      |                                                                             |                          |
|     | Sales at 66kV and above (EHV)                                                |       | 116                     |                                                                             |                          |
|     | <b>Total Energy Requirement</b>                                              |       | <b>1,141</b>            |                                                                             |                          |
|     | <b>Total Energy Sales</b>                                                    |       | <b>1,061</b>            |                                                                             |                          |

**Energy Accounting Summary**

| 5   | DISCOM               | Input (in MU)                                    | Sale (in MU) | Loss (in MU) | Loss % |
|-----|----------------------|--------------------------------------------------|--------------|--------------|--------|
| i   | LT                   |                                                  |              |              |        |
| ii  | 11 kV                | 1,141                                            | 945          |              |        |
| iii | 33 kV                |                                                  |              |              |        |
| iv  | > 33 kV              | 1,061                                            | 115.6        |              |        |
| 6   | Open Access, Captive | Input (in MU)                                    | Sale (in MU) | Loss (in MU) |        |
| i   | LT                   |                                                  |              |              |        |
| ii  | 11 kV                | Open access not included in both input and sales |              |              |        |
| iii | 33 kV                | Open access not included in both input and sales |              |              |        |
| iv  | > 33 kV              | Open access not included in both input and sales |              |              |        |

**Loss Estimation for DISCOM**

|              |        |
|--------------|--------|
| T&D loss     | 143    |
| D loss       | 80     |
| T&D loss (%) | 11.88% |
| D loss (%)   | 7.04%  |

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