



भारत सरकार

Government of India केन्द्रीय विद्युत प्राधिकरण Central Electricity Authority वितरण प्रबोधन प्रभाग Distribution Monitoring Division

File No: 04/05/CEA/DM (Feeder)/2019 Date 07.10.2019

Subject:- Inviting Public Comments on Draft Universal Feeder Code.

Ministry of Power (MoP) through various Central Public Sector Enterprises such as REC & PFC is implementing various schemes related to strengthening of power distribution infrastructure and monitoring of quality and quantity of power being supplied by the Distribution Companies of country.

In this regard, for better utilization of the installed infrastructure under any scheme, it is required that the existing infrastructure of respective DISCOMs should be mapped digitally. In order to do so, a unique feeder code for each feeder (Rural & Urban both) is required to be generated which shall be used for identification of particular feeder and the attributes related to it.

In view of above, MoP vide its letter No. 47/17/2016-RE dated 02nd Jul,19 has directed CEA to formulate a guideline/ methodology for generation of unique feeder code for each feeder (Rural & Urban) to map each electricity supply related infrastructure of the Discoms.

In pursuance of direction, a **committee** was constituted comprising members from CEA and 8 Discoms to assist CEA in preparing this guideline/methodology for feeders in the Country. A meeting of the committee of was held on 8th **August, 2019 in CEA**. Based on the Discussion Points of meeting and inputs for Feeder Code, guidelines/methodology for Feeder Code has been prepared for adoption in Discoms/Power Departments which will enable State/National level monitoring at a common platform.

All are requested to please provide inputs, if any, in relation to desired modification in this Draft Feeder Code Report latest by **25.10.2019** on *ce.pfam.cea@gov.in* or *cepfacea@rediffmail.com*.

sd/-(Alok Dwivedi) Deputy Director

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Chapter 1

Introduction

Ministry of Power (MoP) through its Central Public Sector Enterprises such as REC & PFC is implementing various schemes related to strengthening of power distribution infrastructure and aiming for monitoring of quality and quantity of power being supplied by the Distribution Companies of country.

In this regard, for better utilization of the installed infrastructure under any scheme, it is required that the existing infrastructure of respective DISCOMs should be mapped digitally. In order to do so, a unique feeder code for each feeder (Rural & Urban both) is required to be generated, which shall be used for identification of particular feeder and the power supply attributes related to it.

In view of above, MoP vide its letter No. 47/17/2016-RE dated 02nd Jul,19 has directed CEA to formulate a guideline/ methodology for generation of unique feeder code for each feeder (Rural & Urban) to map each electricity supply related attributes of feeders of the Discoms.

In pursuance of direction, a **committee** was constituted comprising members from CEA and Discoms of West Bengal State Electricity Distribution Company Limited (WBSEDCL), Mangalore Electricity Supply Company (MESCOM), Tata Power Delhi Distribution Limited (TPDDL), Himachal Pradesh State Electricity Board Limited (HPSEBL), Paschim Gujarat Vij Company Limited (PGVCL), Andhra Pradesh Southern Power Distribution Company Ltd (APSPDCL), REC Power Distribution Company Limited (RECPDCL) and BSES Yamuna Power Limited (BYPL).(Order Copy Enclosed at **Appendix-II)** to assist CEA in preparing this quideline/methodology for feeders in the Country.

A meeting of the committee of was held on 8th August, 2019 in CEA in which only four of these selected Discoms namely WBSEDCL, MESCOM, TPDDL and BYPL have attended the meeting. Based on the Discussion Points of meeting and inputs for Feeder Code, guidelines/methodology for Feeder Code has been prepared for adoption in Discoms/Power Departments which will enable State/National level monitoring at a common platform.

Chapter 2

Analysis of Existing Feeder Code in Some Discoms

Many Discoms in the Country are following one or other methodology for feeder coding, especially to integrate their system with SCADA. Feeder codes of some Discoms is discussed below.

Mangalore Electricity Supply Company has a four-character alpha-numeric code. First two character are numerical with value from one to nine, and these characters represent District and Taluka respectively. Next two characters are alpha-numeric which can be assigned any value between one & nine or "A" & "Z", and represents Muss and Feeder code.

BSES Yamuna Power Limited (BYPL) has adopted 16 character 11KV feeder coding scheme. In this scheme first four characters represent EHV Grid Code, next character is dash(-) which is used as separator. Subsequent next four characters are used to represent voltage level followed by dash(-) again used as separator. Last six characters are used as SwitchID.

West Bengal State Electricity Distribution Company (WBSEDCL) has four character code for outgoing 11KV feeder and five character code for incoming 11KV feeder. In both the codes first three characters are only with numerical values and represent sub-station, rest characters in the codes represent feeders.

From above inputs, following is noted on the methodology being followed to assign feeder codes in various DISCOMs:-

- ➤ Increasing automation in Distribution sector with a view to establish Smart Grid and integration with SCADA require that every feeder up to 11KV must have unique code.
 - 1. Absence of universal Feeder Coding Standards have resulted in variation in feeder coding methodology across DISCOMs.
 - Feeder Codes assigned by respective DISCOMs are not systemic in the sense that feeder code cannot be used to identify its physical location & as well as the (rural/urban) area to which it serve.
 - Variation in coding scheme of Discoms create obstacle in importing all feeders and their operational parameters in single platform for analysis, when consolidated at State-level for multi-Discom State and at Central-level, for example in National Power Portal.

<u>Chapter 3</u> <u>Universal Feeder Code</u>

Definition of Feeder

To define Universal Feeder Code, the definition of feeder must be understood clearly. Feeder can be defined as any high voltage line which is directly connected to Distribution Transformer serving consumer at 415 volt line voltage/ 240 volt phase voltage. Feeders are mostly radial feeder in rural area i.e. connected to power source at one end. But in some places mostly in urban areas to increase reliability of power supply ring mains distribution system is also used which may be defined as a method of power distribution system, in which different parts of the power distribution network (or each load center) have an option to feed power from the same source through more than one feeder.

With this understanding, Universal Feeder Code may be defined as code assigned to distribution feeder which provide it Unique identity not only at DISCOM and State level but also at National level. Such code must also be systematic in the way that code of a particular feeder helps in deducing, to certain extent, physical location of feeder, type of area it serves, along with the originating power sub-station etc.

Need for Universal Feeder Code

In Power Sector, the spotlight now is on the distribution of power particularly on the parameters that affects ordinary citizens/ electricity customers most, i.e. enhanced service quality and customer satisfaction. Distribution is with doddering infrastructure and is unprofessionally managed sector with poor financial condition. Most of these problems can be addressed by proper technological intervention, especially in respect of monitoring operation of Distribution Sector. It is in this context; most basic requirement is methodology for Universal Feeder Code. Apart from above, following reasons also necessitates feeder-coding requirement:-

- ➤ Directing Central government's investment in Distribution Sector in most efficient way assessed through centralized database of country's Distribution Network.
- ➤ Harmonizing already exiting multiple feeder-coding system followed by different DISCOMs in the country.
- ➤ Help in identifying and isolating priority areas to reduce AT&C losses.

Benefits for Universal Feeder Code

All-India level unique feeder coding would provide benefits like-

- Possibility of creating Centralized Database at State level and Central level also.
- > Ease in monitoring of operational parameter at feeder level
- Open up opportunity for availing Availability Based Tariff
- > Facilitate implementation of carriage-and —Content separation.
- Systemic Study for improving operational efficiency and reduction of AT&C loss become possibility.
- Helps in achieving objective of Power For All.

Proposed Universal Feeder Code

Following feeder code emerged after brainstorming during the meeting, for National/State/Discom level monitoring purpose:-

i. It will be 14 Character Alpha-Numerical code.

<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u> <u>11</u> <u>12</u> <u>13</u> <u>14</u>

- ii. First two places (i.e. 1&2) of code will be alphabetical and will represent State/UTs name eg. UP for Uttar Pradesh, GJ for Gujarat etc.
- iii. Next three places (i.e. 3,4&5) will also be alphabetical and will represent name of Discom eg. DGV for DGVCL of Gujarat, DVV for DVVNL. (Detailed code for State/UTs and Discoms/Power Departments, already fixed in CEA is enclosed at Appendix-III)
- iv. Next three places (i.e. 6,7&8) will again be alpha-numeric and will represent originating substation eg RKP for RK Puram. (If more than one sub-stations exist in a particular locality, then RK1 will be used for 1st sub-station in RK Puram)
- v. Next two places (i.e. 9&10) will be numerical and will represent voltage level of feeder.eg 33 for 33KV, 11 for 11KV and 06 for 6.6KV etc.
- vi. Next place (i.e. 11) will be alphabetical and will represent type of feeder as mentioned below:

| Type of Feeder | Code letter |
|----------------|-------------|
| Urban | U |
| Rural | R |

| Mixed | M (Urban & Rural or Rural and Agriculture) |
|----------------------------------|--|
| Agriculture | Α |
| Water Supply | W |
| Industrial | 1 |
| Interlinking Feeder/ Link Feeder | L |

vii. Last three places (i.e. 12,13 & 14) of code will again be alpha-numeric and will represent name of feeder. Eg R.K.Puram 1 feeder as RK1.

The code from sr. no.-iv to vii shall be decided by the Discoms/Power Departments as per the actual conditions prevailing in their area of operation.

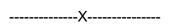
Also, 3 characters at 3, 4 and 5th places of first-five-characters of code as fixed by CEA, if required may be changed by Discoms/Power Department.

Issues related Implementation

Following issues related to implementation of proposed code shall also be considered by DISCOMs:-

Switch over from already exiting Feeder Coding System.

- ➤ Uniformity across Ring Mains system and Mesh type feeders; 14 character code to be assigned for each feeders up to the point of Ring Mains units or Mesh formation points.
- Capacitor banks feeder panel or interlinking (bus coupler) panel need not be considered as feeder.



Appendix-I: Ministry Letter

No. 47/17/2016-RE Government of India Ministry of Power Shram Shakti Bhawan, New Delhi-110001

Dated the 2nd July, 2019

To

The Chairperson. Central Electricity Authority, Sewa Bhawan, R.K. Puram New Delhi-110066

Subject: Guidelines/Methodology for generation of unique feeder code- regarding.

Sir,

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I am directed to state that Ministry of Power (MoP) through various CPSUs such as REC & PFC is implementing various schemes related to monitoring of quality and quantity of power being supplied by the DISCOMs of country.

- 2. In this regard, for better utilization of the installed infrastructure under any scheme, it is required that information should be mapped with the existing infrastructure of respective DISCOMs. In order to do so, an unique feeder code for each feeder (Rural & Urban both) is required to be generated, which shall be used to identify of particular feeder and the attributes related to it.
- 3. In view of the above, CEA is requested to come up with the Guidelines/Methodology for generation of unique feeder code so that the same can be deliberated and may be followed uniformly by all unlittles as well as MoP initiated programs so as to minimize the communication gap and enhancement of efficiency of entire system.

\$555 3/1/15 Yours faithfully,

(Narender Singh) Secretary to the Goyt, of India

Under Secretary to the Govt. of India Tel: 23708304

Email: narender.singh67@gov.in

Copy to: Director (D)/US(D) for information and necessary action.

Appendix-II: Order Copy for Constitution of Committee





No. 04/10/CEA/DM (Feeder Code)/2019/535-545

Dated: 30.07.2019

MEETING NOTICE

Subject: Preparation of Guidelines/Methodology for generation of unique feeder code – regarding.

MoP vide its letter No. 47/17/2016-RE (copy attached) has directed CEA to formulate a guideline/methodology for generation of unique feeder code for each feeder (Rural & Urban) to map each electricity supply related infrastructure of the Discoms, for enabling easy identification of any particular feeder along with its other attributes.

Accordingly as desired by MoP, a Committee comprising of members from CEA and Discoms has been constituted in CEA under Chairmanship of Chief Engineer, Distribution Monitoring Division to formulate the guidelines/methodology. In this regard, it is proposed to hold a meeting of all members of the committee on 8th August, 2019 at 15:00 Hrs at Conference Hall, 6th Floor CEA, Sewa Bhawan, R.K.Puram, New Delhi - 110066.

The members are requested to make it convenient to attend the meeting.

(सुनील कुमार जैन)

निदेशक

Ph. 011-2673-2664

To: (with a request to nominate a suitable member on behalf of their organization & advice the nominated member to attend the said meeting)

- 1. CEO, Tata power, NDPL House, Hudson Lines, Kingsway Camp, Delhi-110 009
- 2. CEO, BYPL, Shakti Kiran Building, Karkardooma, Delhi-110032 (Email: prem.r.kumar@relianceada.com)

सेवा भवन, आर के पुरम-1, नई दिल्ली -110066 टेलीफैक्स : 011-26715396/26732607 वेबसाइट: www.cea.nic.in Sewa Bhawan, R. K. Puram-1, New Delhi-110066 र्द्-सेल/न-प्रशी: cepfacea@rediffmail.com, ce.pfam.cea@gov.in

- 3. Director(Operation), Himachal Pradesh State Electricity Board Ltd, Vidyut Bhawan, Shimla-171004, Himachal Pradesh, India (Email: directoro@hpseb.in)
- Chairman, Paschim Gujarat Vij Company Limited, Registered & Corporate Office, "Paschim Gujarat Vij Seva Sadan", Off. Nana Mava Main Road, Laxminagar, Rajkot, Gujarat - 360004 (E-mail: info.pgvcl@gebmail.com)
- 5. MD, MESCOM, Corporate Office, 'MESCOM BHAVAN', Kavoor Cross Road, Bejai, Post Box No: 1130, Manglore, Karnataka 575004 (Email: mdmescom@rediffmail.com)
- CMD, Southern Power Distribution Company of A.P. Ltd,19-13-65/A, Srinivasapuram, Tiruchanoor Road, Tirupati, Dist – Chittoor, Andhra Pradesh - 517503 (Email: cmd@southernpowerap.co.in)
- 7. CMD, West Bengal State Electricity Distribution Company Limited, Vidyut Bhavan, Bidhannagar, Block-DJ, Sector-II, Kolkata-700091, West Bengal (Email: cmd@wbsedcl.in)
- 8. CEO, RECPDCL Ltd., Core-4, Scope Complex 7, Lodhi Road, New Delhi 110003 (email: ceo@recpdcl.in)

Copy To:

- 1. DD (TS), CEA with a request to book Conference room at 6th Floor for the said meeting starting at 15:00 Hrs onwards.
- SO (GS), CEA with a request to provide staffs for serving tea/snacks for the said meeting.
- 3. Security (i/c), MHA, Sewa Bhavan with a request to allow the above members/nominees to attend the said meeting on 08/08/2019 starting at 15:00 hrs.

सेवा भवन, आर के पुरम-1, नई दिल्ली -110066 टेलीफैक्स : 011-26715396/26732607 वेबसाइट: www.cea.nic.in Sewa Bhawan, R. K. Puram-1, New Delhi-110066 ई-मेल/E-mail: cepfacea@rediffmail.com, ce.pfam.cea@gov.in **Appendix III: First Five Character of Code**

| State Sl. No. | State/Region | Discom Sl. No. | Name of the DISCOMS/PDs/ Electric Cooperative societies | First Five Character of Code |
|------------------|------------------|-------------------|--|------------------------------------|
| | T. | | Northern Region | |
| 1 | Haryana | 1 | Dakshin Haryana Bijli Vitran Nigam Limited (DHBVNL) | HRDHB |
| | | 2 | Uttar Haryana Bijli Vitran Nigam Limited (UHBVNL) | HRUHB |
| 2 | Himachal Pradesh | 3 | HPSEB Limited | HPSEB |
| 3 | Punjab | 4 | Punjab State Power Corporation Limited (PSPCL) | PBPCL |
| 4 | Rajasthan | 5 | Jaipur Vidyut Vitran Nigam Limited (JVVNL) | RJJVV |
| | | 6 | Ajmar Vidyut Vitran Nigam Limited(AVVNL) | RJAVV |
| | | 7 | Jodhpur Vidyut Vitran Nigam Limited (JdVVNL) | RJJDV |
| 5 | Uttar Pradesh | 8 | Pashimanchal Vidyut Vitran Nigam Limited (PaVVNL) | UPPAV |
| | | 9 | Poorvanchal Vidyut Vitran Nigam Limited,(PoVVNL) | UPPUV |
| | | 10 | Madhyanchal Vidyut Vitran Nigam Limited,(MVVNL) | UPMVV |
| | | 11 | Dhakshinanchal Vidyut Vitran Nigam Limited,(DVVNL) | UPDVV |
| | | 12 | Kanpur Electricity Supply Company (KESCO) | UPKES |
| | | 13 | Noida Power Co. Ltd (NPCL) | UPNPC |
| 6 | Uttarakhand | 14 | Uttarakhand Power Corporation Limited (UPCL) | UKPCL |
| 7 | Delhi | 15 | New Delhi Municipal Corporation(NDMC) | DLNDM |
| | | 16 | BSES Yamuna Power Limited (BYPL) | DLBYP |
| | | 17 | BSES Rajdhani Power Limited (BRPL) | DLBRP |
| | | 18 | Tata Power Delhi Distribution Limited(TPDDL) | DLTPD |
| | | 19 | Millitary Enegineering Services | DLMES |
| 8 | Chandigarh | 20 | Electricity Department, UT of Chandigarh | CHELD |
| 9 | J & K | 21 | Power Development Deptt.(PDD) of J&K. | JKPDD |
| | | 1 | Western Region | |
| 10 | Chhattisgarh | 22 | Chhattisgarh State Power Distribution Company Limited (CSPDCL) | CGSPD |
| | | 23 | Bhilai Steel Plant | CGBSP |
| | | 24 | Jindal Steel & Power Ltd.(JSPL) | CGJSP |
| 11 | Gujarat | 25 | Madhya Gujarat Vij Company Limited (MGVCL) | GJMGV |
| | | 26 | Dakshin Gujarat Vij Company Limited,(DGVCL) | GJDGV |
| | | 27 | Uttar Gujarat Vij Company Limited (UGVCL) | GJUGV |
| | | 28 | Paschim Gujarat Vij Company Limited (PGVCL) | GJPGV |
| | | 29 | Kandla Port Trust (KPT) | GJKPT |
| | | 30 | Torrent Power Limited (TPL), Ahmedabad | GJTPA |
| | | 31 | Torrent Power Limited (TPL)- Surat | GJTPS |
| | | 32 | Torrent Energy Limited –SEZ -Dehaj | GJTPD |
| | | 33 | Mundra Port SEZ Utilities Pvt Ltd (MUPL) | GJSEM |
| | | 34 | | GJSEV |

| | Appendix III | | | | |
|------------------|----------------|-------------------|---|------------------------------------|--|
| State Sl. No. | State/Region | Discom Sl. No. | Name of the DISCOMS/PDs/ Electric Cooperative societies | First Five Character of Code | |
| | | 35 | Jubilant Infrastructure Ltd, Industrial Estate, Bharuch | GJJIB | |
| | | 36 | Gift Power Co Itd, Gandhinagar | GJGIF | |
| 12 | Madhya Pradesh | 37 | MP Madhya Kshetra Vidyut Vitran Company Limited,(MPMKVVCL) | MPMKV | |
| | | 38 | MP Paschim Kshetra Vidyut Vitran Company Limited (MPPaKVVCL) | МРРАК | |
| | | 39 | MP Poorvi Kshetra Vidyut Vitran Company Limited (MPPoKVVCL) | MPPUK | |
| 13 | Maharashtra | 40 | Maharastra State Electricity Distribution Company Limited(MSEDCL) | MHSED | |
| | | 41 | Brihan Mumbai Electric Supply Company (BEST) | MHBES | |
| | | 42 | Adani Electricity Mumbai Limited (AEML) (erstwhile-Reliance Infra Ltd.) | MHAEM | |
| | | 43 | Tata Power Co. Ltd. | MHTPC | |
| | | 44 | Mindspace Bussiness Parks Pvt Ltd (SEZ -IT Park Airoli) | МНМВР | |
| | | 45 | Maharashtra Airport Development Corporation(MIHAN Nagpur) | MHMAD | |
| | | 46 | Ixora Construction Pvt Ltd(SEZ Panvel) | MHICP | |
| | | 47 | Quadron Business Park Ltd(SEZ IT Park Hinjewadi, Pune) | MHQBP | |
| | | 48 | Gigaplex Estate Pvt Ltd(SEZ-IT & ITES at Airoli) | MHGEP | |
| 14 | Goa | 49 | Electricity Department, Goa. | GAELD | |
| 15 | UT of DNH | 50 | Dadra & Nagar Haveli Power Distribution Corporation Ltd | DNPDC | |
| 16 | UT of D&D | 51 | Electricity Department, UT of Daman & Diu | DDELD | |
| | | | Southern Region | | |
| 17 | Andhra Pradesh | 52 | Eastern Power Distribution Company of A.P Limited (APEPDCL) | APEDC | |
| | | 53 | Southern Power Distribution Company of A.P Limited (APSPDCL) | APSPD | |
| | | 54 | Cheepurupalli Rural Electric Cooperative Society, Vizianagram dist | APCRE | |
| | | 55 | Anakapalle Rural Electric Cooperative Society, Andhra Pradesh | APARE | |
| | | 56 | Kuppam Rural Electric Cooperative Society, Andhra Pradesh | APKRE | |
| 18 | Telangana | 57 | Southern Power Distribution Company of Telangana Limited (TSSPDCL) | TSSPD | |
| | | 58 | The Northern Power Distribution Company of Telangana Limited (TSNPDCL) | TSNPD | |
| | | 59 | Cooperative Electric Supply Society, Sircilla Telangana | TSCES | |
| 19 | Karnataka | 60 | Mangalore Electricity Supply Corporation Limited(MESCOM) | KAMES | |
| | | 61 | Chamundeshwari Electricity Supply Corporation Limited(CESE) | KACES | |

| | | | Appendix III | |
|------------------|-------------------|-------------------|---|------------------------------------|
| State Sl. No. | State/Region | Discom Sl. No. | Name of the DISCOMS/PDs/ Electric Cooperative societies | First Five Character of Code |
| | | 62 | Gulbarga Electricity Supply Corporation Limited (GESCOM) | KAGES |
| | | 63 | Bangalore Electricity Supply Corporation Limited(BESCOM) | KABES |
| | | 64 | Hubli Electricity Supply Corporation Limited(HESCOM) | KAHES |
| | | 65 | Hukkeri Electric Rural Co-Op Society | KAHER |
| 20 | Tamil Nadu | 66 | Tamil Nadu Generation and Distribution Company Limited (TENGEDCO) | TNGNC |
| 21 | Kerala | 67 | KSEB Limited | KLSEB |
| | | 68 | Infopark, Kochi | KLINF |
| | | 69 | Technopark, Trivandrum | KLTEC |
| | | 70 | Rubber Park India Pvt Limited, Ernakulam | KLRPI |
| | | 71 | Cochin Special Economic Zone Authority (CSEZA), Kochi | KLCSE |
| | | 72 | Cochin Port Trust, Kochi | KLCPT |
| | | 73 | Thrissur Corporation, Thrissur | KLTCO |
| | | 74 | Kanan Devan Hills Plantations Company Limited (KDHP) | KLKDH |
| | | 75 | KINESCO Power Utility Ltd, Kochi | KLKPU |
| 22 | UT of Lakshadweep | 76 | Electricity Deptt., UT of Lakshadweep. | LKELD |
| 23 | UT of Puducherry | 77 | Electricity Deptt., UT of Puducherry. | PUELD |
| 24 | UT of A&N | 78 | Electricity Deptt., UT of Andaman & Nicobar Islands | ANELD |
| | | | Eastern Region | 1 |
| 25 | West Bengal | 79 | West Bengal State Electricity Distribution Company Limited (WBSEDCL) | WBSED |
| | | 80 | Damodar Valley Coproration(DVC) | WBDVC |
| | | 81 | Calcutta Electricity Supply Co. (CESC) | WBCES |
| | | 82 | Indian Power Corporation Ltd. (IPCL)(erstwhile DPSCL) | WBIPC |
| 26 | Sikkim | 83 | Sikkim Power Development Corporation Limited | SKPDC |
| 27 | Bihar | 84 | North Bihar State Power Distribution Company Ltd | BHNBC |
| | | 85 | South Bihar State Power Distribution Company Ltd | BHSBC |
| 28 | Jharkhand | 86 | Jharkhand Bijli Vitran Nigam Limited (JBVNL) | JHJBV |
| | | 87 | Damodar Valley Coproration(DVC) | JHDVC |
| | | 88 | Jamshedpur Utility & Services Company Ltd (JUSCO) | JHJUS |
| | | 89 | Tata Steel Limited, Jamshedpur | JHTSL |
| | | 90 | SAIL, Bokaro Steel Plant | JHBSP |
| | | 91 | Military Engineering Service | JHMES |
| 29 | Odisha | 92 | North Eastern Supply Company Limited (NESCO) | ODNES |
| | | 93 | Western Electricity Supply Company Limited (WESCO) | ODWES |
| | | 94 | Southern Electricity Supply Company Limited (SOUTHCO) | ODSOV |

| Appendix III | | | | | |
|------------------|----------------------|-------------------|---|------------------------------------|--|
| | | 95 | Central Electricity Supply Company Limited (CESCO) | ODCES | |
| State Sl. No. | State/Region | Discom Sl. No. | Name of the DISCOMS/PDs/ Electric Cooperative societies | First Five Character of Code | |
| | North Eastern Region | | | | |
| 30 | Assam | 96 | Assam Power Distribution Company Limited (APDCL) | ASPDC | |
| 31 | Tripura | 97 | Tripura State Electricity Corporation Limited | TRTSE | |
| 32 | Meghalaya | 98 | Meghalaya Energy Corporation Limited | MLMEC | |
| 33 | Manipur | 99 | Manipur State Power Distribution Company Ltd | MNSPD | |
| 34 | Arunachal Pradesh | 100 | Department of Power, Arunachal Pradesh | ARDPT | |
| 35 | Mizoram. | 101 | Power & Electricity Department, Mizoram. | MZPED | |
| 36 | Nagaland. | 102 | Department of Power, Nagaland. | NLPDD | |