No. 44/13/2014-RE
Government of India
Ministry of Power
**********

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated 3rd February, 2017

To

The Chairman & Managing Director,
Rural Electrification Corporation Ltd.,
Core-IV, Scope Complex,
New Delhi – 110 003.

Subject: Minutes of the Review, Planning and Monitoring (RPM) Meeting of Ministry of Power held on 20.01.2017 at New Delhi – regarding.

Sir,

Please find enclosed herewith a copy of the Minutes of the Review, Planning and Monitoring (RPM) Meeting of Ministry of Power held under the Chairmanship of Secretary (Power) on 20.01.2017 at New Delhi for taking necessary action and circulation to all concerned.

Encl: as above.

(Narendra Singh)
Under Secretary to the Govt. of India
Tel. 2371 9637

To,

i. Principal Secretary (Power/Energy) of all States

Copy to:

(i) Chairperson, CEA, R.K. Puram, New Delhi
(ii) CMD, PFC, Urjandhi 1, Barakhamba Lane, New Delhi.
(iii) CMD & MDs of all DISCOMs

Copy to:

PPS to Secretary(P) / PPS to AS(BPP)/ PS to all JSS / PS to DS(RE), Ministry of Power.
Minutes of Review Meeting of Ministry of Power with Secretaries (Power/Energy) of States and CMDs/MDs of DISCOMs held on 20th January, 2017 at New Delhi.

Review Meeting of Ministry of Power with Secretaries (Power/Energy) of States and CMDs/MDs of DISCOMs was held under the Chairmanship of Secretary (Power) on 20th January, 2017 at New Delhi. The list of the participants is at Annex-I.

2.1 JS(Dist.), MoP welcomed all the participants and new Chairman & Managing Director of REC, Dr. P.V. Ramesh. JS (Dist.) set up the agenda for the meeting and flagged few important points relating to DDUGJY viz. (i) SECC data for providing free electricity connections under DDUGJY (ii) NITs and award of contract by States for projects sanctioned under DDUGJY (iv) Participation in Prime Minister’s award for excellence and (v) Maintaining Asset Register in respect of the assets being created under DDUGJY.

2.2 Secretary (P) in his opening remarks emphasized on regular updation of progress on household electrification by the States with requisite details and to expedite issuing of NITs and award of contracts for projects sanctioned under DDUGJY.

3.0 Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY)

3.1 States of Assam, Arunachal Pradesh, Jharkhand, Odisha, Chhattisgarh and Bihar made presentation on status of implementation of DDUGJY. The presentations covered details of remaining un-electrified villages (grid and off-grid), status of award, targets for Jan., Feb. and March 2017, expected achievement by March 2017, issues affecting the progress, status of NITs/Award of contracts etc. The state-wise details on status of village electrification, targets and commitments made by the respective States in respect of achievements on village electrification by March 2017 is at Annex.

3.2 Details of State-wise issues deliberated during the meeting are as under:

3.3 Assam:

3.3.1 MD, APDCL made a detail presentation and stated that the progress of village electrification has slowed due to non-availability of BIS certified Distribution Transformer (DT) in the NE. It was clarified that requirement of BIS certified DTs cannot be waived under the SBD.

3.4 Arunachal Pradesh:

3.4.1 Commissioner (Energy), Government of Arunachal Pradesh made a presentation and informed that contracts have been awarded for all balance 335 grid villages of which only 29 would be electrified by March 2017 and remaining by September 2017 because of poor road connectivity, difficult terrain and non-availability of skilled labor. It was also informed that awards have not yet been placed for 3 districts of Upper Subansri, Changlang & Tirap Districts due to ongoing inquiry.
3.4.2. As regard 895 off-grid villages, SECI is the implementing agency and the bids are scheduled to be opened on 23rd January, 2017. SECI was asked to expedite award of contract and completion of works.

3.5 Jharkhand:

3.5.1 MD, JUVNL made a presentation and informed that 226 off-grid villages are yet to be awarded of which bids have been evaluated for 203 villages and award would be placed by 22nd January 2017. For the remaining 23 off-grid villages, NIT has been already issued.

3.5.2. It was highlighted that Chatra is the most difficult district wherein 164 villages are remaining to be electrified is being implemented by DVC, where periodical review and monitoring is required to push the progress. It was decided that REC would convene a meeting in Jharkhand with DVC and DISCOM to review the progress and resolve issues for expeditious implementation.

3.5.3. MD, JUVVNVL assured that execution of works of these sub-stations (Garwhal-3, Latehar-1, Khunti-3) would be completed progressively in Jan.-Feb. 2017.

3.5.4. JUVVNVL was also advised to expedite railway crossing clearance and river crossing works in Garwhal, forest clearance for 33 KV line in Latehar, completion of 11 KV feeders in Chatra district.

3.6 Odisha:

3.6.1. Principal Secretary (Energy), Government of Odisha informed that NTPC & PGCIL have expedited their pace of village electrification works in spite of odd field conditions in the State and complemented their performance.

3.6.2. It was also highlighted that in the Eastern Region States Meeting held at Bhubaneswar on 16th December 2016 it was decided that ‘Charging Report’ be treated as ‘Provisional Handing Over Report’. It was clarified that REC would issue formal communication in this regard soon.

3.7 Chhattisgarh:

3.7.1 MD, CSPDCL informed that out of 487 un-electrified villages in the State, 227 villages cannot be completed before March 2017 viz. Bastar 5, Dantewada 11, Narayanpur 30, Bijapur 74, Sukma 107 due to severe LWE problems in these districts. Secretary (P) advised the State to submit detailed report in this regard to Ministry of Power for consideration.
3.8 Bihar:

3.8.1 Principal Secretary (Energy), Government of Bihar informed that out of 604 remaining un-electrified villages in Bihar, 467 villages are in Katihar District alone wherein progress suffered due to poor performance of contractors.

3.8.2. He committed that 275 villages would be electrified before March 2017 and added that 43 villages in riverine areas would be completed by June 2017.

3.8.3. On award of DDUGJY new projects, remaining 2 projects viz., Arwal & Lakhisarai, tender opening is scheduled on 20.01.2017.

3.9 Secretary (P) advised all states to accelerate the village electrification programme in the State and maintain the momentum to complete village electrification works at the earliest.

3.10 ED, REC highlighted the following issues:


3.10.2. States to also ensure award of remaining 335 new projects sanctioned under DDUGJY by 31st January 2017. (Maharashtra 37, Karnataka 22, Rajasthan 27, MP 34, Assam 27, Haryana 21, Jharkhand 24, J&K 21, Punjab 20, WB 18, Uttarakhand 13).

3.10.3. States to ensure closure of 397 ongoing X / XI / XII Plan projects (X 10, XI 114, XII 273) by March 2017.

3.10.4. Secretary (P), GOI, directed all the States to ensure that the entire household electrification progress including BPL households from 1st Jan. 2017 is captured through GARV App along with requisite details of consumers.

3.11 MD, JUVNL informed that 117 additional revenue villages are found un-electrified and 6.50 Lakh Households are yet to be covered under any scheme for electrification. REC was advised to collect requisite information from all States to ensure electrification of all households.

3.12 JS(Dist.) mentioned that the report of Working Group on adoption of SECC data for providing free electricity connections under DDUGJY has been prepared and has been shared with the State. Further, the directives of Ministry of Rural Development regarding adoption of SECC data are also expected to come. States were requested to respond quickly regarding financial implications if SECC report is implemented.

3.13 JS(Dist.) requested all States to ensure that Asset Register is maintained in respect of the assets being created under DDUGJY and IPDS schemes as pointed by the CAG.
3.14 States were requested to participate in Prime Minister’s award for excellence for all districts under DDUGJY. MDs of DISCOMs and DCs/DMs can apply online through DARPG’s web portal. The last date for online application is 25th January 2017.

3.15 Secretary (P) advised the States to take all possible steps to electrify all un-electrified villages in their respective States by March 2017.

4.0 Integrated Power Development Scheme (IPDS)

4.1 ED (IPDS) apprised the status of physical and financial progress under IPDS. Works are yet to be awarded in approx. 60% of sanctioned Circles. Utilities were requested to complete the process of award of works of 237 circles, which are under evaluation, by 15th Feb’17 and balance circles to be awarded by March’17.

4.2 JS(Dist.) advised all States to expedite the compliances to enable release of first and second tranche under IPDS.

4.3 ED (IPDS) requested the 6 States (where IT Phase-II DPRs have been approved) to submit relevant DRC approvals expeditiously so that sanction letters can be issued and 1st tranche can be released.

4.4 JS (Dist.) desired other States/Utilities to expedite balance DPRs for IT Phase —II latest by Feb’17.

4.5 Secretary (P) observed that some of the States are yet to close the R-APDRP Part-A (IT) projects, and revamping of the whole IT system/infrastructure is not appropriate at this stage. He also advised that only incremental up gradation may be considered under IT Phase-II for additional Urban towns. States may replace old infrastructure under their regular O&M expenditure or through other resources.

4.6 ED (IPDS) also informed that States have to float RFP after customization of R-APDRP Part-A IT RFP, however revised qualifying requirements (QR), payment terms and other related conditions for IPDS IT Phase-II implementation has been approved by Monitoring Committee and available on IPDS web-portal. An advisory in this regard is being issued.

4.7 JS (Dist.) advised States to expedite release of due payments to ITIA, SIA and Part-B EPC contractors at the earliest to allay apprehensions in their further participation in IPDS bidding process.

4.8 J&K informed that due to delay in metering and connectivity issues as well as adverse situations, work has suffered and additional Go-Live of about 05/21 towns would only be possible by March’17.
4.9 It was informed that CMD (BSNL) has appointed a Nodal Officer to take up the State specific issues and assured to assist States/PFC to resolve the same.

4.10 Secretary (P) advised States to facilitate and expedite TPIEA-IT verification of project completion. Kerala and Haryana to complete the UAT by 15th Feb’17 and commence TPIEA-IT verification. CMD, NTPC agreed to depute TPIEA-IT team to Haryana immediately to parallely take up verification work, before UAT.

4.11 ED (IPDS) requested that feeder data on NPP should be available on 1st of every month, from all Utilities. Secretary (P) advised the States to resolve the modem issues at the earliest and sanitize data to NPP.

4.12 ED (IPDS) presented the On-line Feeder Monitoring System and shared that the analytics may be suitably revised to improve presentation of state-wise rankings/status.

4.13 PFC apprised that the online feeder data would be made M2M w.e.f February, 2017.

4.14 All the States were requested to upload data, after sanitization/review, on the URJA App, so that true picture of parameters is depicted on the App.

4.15 Status of toll free number “1912” was shared and DISCOM were requested to follow up with DoT for making it toll free. Also, the States yet to implement “1912” to expedite the same, as almost 90% of the Utilities have already been covered under it.

5.0 Flexibility in utilization of coal

5.1 Chief Engineer, CEA gave a presentation on methodology for flexibility in utilization of coal in IPP generating stations (Case: 4). It was informed that the methodology has been formulated for using domestic coal of State in IPP generating stations. The draft methodology has been prepared by in the committee under the chairperson, CEA with members from CERC, NTPC, States, POSOCO, Ministry of Railways, Ministry of Coal and CIL. The draft was also circulated to all stakeholders and the comments/suggestions received from the stakeholders have been duly considered. The draft has also been discussed at the level of Secretary, Ministry of Power with all the stakeholders.

5.2 The basic principle of the methodology is that the landed cost of power from IPP generating station at the State’s periphery should be lower than the variable cost of generation of the State generating station whose power is to be replaced by generation from IPP. The landed cost of power shall be inclusive of the transmission charges (injection and drawl charges as amended from time to time by the appropriate commission) and transmission losses.
5.3 The issue relating to SHR and scheduling of power were further discussed. States were requested to send their suggestions if any. CEA would send the draft methodology duly approved by the competent authority to MOP.

6.0 **Important Regulatory issues concerning States requiring discussion at Forum of Regulators (FOR) platform.**

6.1 In the Power Ministers conference held on 7th – 8th October 2016 at Vadodara, it was suggested that States send issues of importance being faced by them which can be discussed in Forum of Regulators meeting.

6.2 Information has been received from 9 States/UTs i.e. Andhra Pradesh, Haryana, (HPGCL), Maharashtra (Mahatranesco), Madhya Pradesh, Punjab, Kerala, NCT-Delhi, Puducherry and Andaman and Nicobar Islands.

6.3 Some of the SERCs i.e. DERC, HPerc, KERC, Telangana ERC and HERC have also provided their issues for discussion.

6.4 Issues received so far were shared with the States. State(s) who have not yet furnished their issues were requested to send the same to the Ministry by the 1st Week of February 2017.

7.0 **Preparation of Distribution Perspective Plan up to 2021-22**

7.1 Chairperson, CEA, stated that Central Electricity Authority (CEA) is preparing National Electricity Plan (NEP) as per section 3 of the Electricity Act 2003. At present, it includes only Generation and Transmission plan. As distribution sector is the most important element in the entire value chain in power sector, it has been decided that the Distribution perspective plan will be prepared by CEA in consultation with all the DISCOMS, REC, PFC and other stake holders.

7.2 Chief Engineer (DP&D), CEA, gave a brief presentation and requested the States/DISCOMS, REC and PFC to nominate the nodal officers and send the required information/ data as per the format earlier sent by CEA. REC and PFC were also requested to attend all the meetings regularly and provide necessary support including manpower to CEA for preparation of the plan.

7.3 States were also requested to send a note on the best practices being followed by their DISCOMS which can be included as part of the distribution plan.

8.0 **“Electricity Demand Pattern Analysis”**

8.1 The representative from POSOCO made a presentation on “Electricity Demand Pattern Analysis” report. It was highlighted that the report extracts the wisdom from the statistical analysis of eight (8) years’ time-series historical data and correlate social
behaviour and lifestyle changes. The analysis used more than 38 million (total number) data samples as a whole, about fifty (50) different types of graphs and a total of one thousand and sixty five (1065) graphs have been used to prepare the report.

8.2 This report is compiled in two volumes. Volume-I covers the analysis of demand met patterns of the five regions and the country as a whole. Volume-II contains thirty four (34) sub-volumes one for each of the states and union territories of India.

8.3 While presenting various types of patterns, it was demonstrated that the report provides insights into diurnal, seasonal and yearly patterns of national/regional/statates electricity demand. In the report, time series data is analysed extensively with the help of load curves, decomposition of demand into seasonal patterns and trends etc. at an all India level, each of the five regions and thirty-four states/ UTs.

8.4 The impact of sunrise & sunset and duration of the day on demand met, variation over state-to-state and variation in its own curve over the past years has been talked about and correlation of demand patterns with social behaviour and lifestyle changes was also demonstrated. It has been mentioned that this curve will be useful from RE penetration point of view.

8.5 Secretary (Power), MOP, emphasised on use of this data for planning purposes by the states considering the pattern of demand met, peak demand met and time when in occurs. JS (Trans), MOP also stated that when two state load patterns complement each other, they can look at the possibility of pooling. Hard copy of the reports have already been forwarded to States Secretaries for using for planning purpose. The report is available at POSOCO website in the public domain https://posoco.in/reports/electricity-demand-pattern-analysis/ It was agreed that in order to get more insight similar exercise needs to be carried out at the intra-state level.

9.0 The meeting ended with vote of thanks to the Chair.

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Annex-I

List of Participants in the RPM Meeting held on 20.01.2017 at PFC HQ, New Delhi

In the Chair: Shri P.K. Pujari, Secretary Power, Ministry of Power, New Delhi

• MoP
  1. Ms. Shalini Prasad, Addl. Secretary
  2. Shri A.K. Verma, Joint Secretary
  3. Smt. JyotirKumar, Joint Secretary
  4. Shri Narayana, Mgr (IT), MoP

• REC
  1. Dr. P V Ramesh, CMD
  2. Dr. Dinesh Arora, ED(PMG)
  3. Smt. Ritu Maheshwari, ED(T&D)
  4. Shri Sunil Kumar, ED(DDUGJ)
  5. Shri T.S.C. Bosh, ED(DDUGJ)
  6. Shri G.S. Bhati, ED(DDUGJ)
  7. Shri R K Gupta, AGM
  8. Shri D K Gupta, DGM

• PFC
  1. Shri Rajeev Sharma, CMD, PFC
  2. Smt. Radhika Jha, ED
  3. Shri Subir Saha, GM
  4. Shri. Dattatraya Ayare, DGM

• CEA
  1. Shri Mangal Harbani, CE CEA
  2. Shri M MDhakate, Dir, CEA
  3. Shri Sanjeev Mandilwar, CE(RA), CEA
  4. Shri Praveen Gupta, CE, CEA
  5. Shri Nitin Prakash, DD, CEA

• NTPC
  1. Shri Arvind Kumar, ED, NTPC
  2. Shri A.K. Tripathy, GM

• Powergrid
  1. Shri K.K. Srivastava, GM
  2. Shri Rajesh Kumar, GM,
  3. Shri Anoop Kumar, GM
• **Andhra Pradesh**
  1. Shri. H.Y.Dora, CMD, APSPDCL, Tripuri
  2. Shri K. Ranganatham, Advisor
  3. Shri TVS Chandrasekhar, Director, APEPDCL
  4. Shri P.Peda Malyadri, DE, APSPDCL
  5. Shri L.Gangadhar, ADE, APEPDCL

• **Assam**
  1. Dr. Om Prakash, MD, APDCL
  2. Shri B.P Goswami, CGM (RE),
  3. Shri Anup. Podder, CGM, APDCL
  4. Shri H.M.Sharma, GM, APDCL

• **Arunachal Pradesh**
  1. Shri Ashish Kundra, Commissioner (Power)
  2. Shri S.K Suho, Resident Eng (Elect), Power Dept.

• **Chhattisgarh**
  1. Shri Ankit Anand , MD, CSPDCL

• **Delhi**
  1. Shri K. K. Verma, Addl. Secretary, Power
  2. Shri Chattrapal Singh, Service (MoP), Delhi
  3. Shri Sahil Solanki, Service (MoP), Delhi

• **Gujarat**
  1. Shri Ardra Agarwal, MD, DGVCL
  2. Shri H.R.Suthar, MD, PGVCL
  3. Shri K.J.Pujara, EE, PGVCL
  4. Shri H.M Patel, AGM
  5. Shri Jashvir Singh, DGM/IT
  6. Shri Solanki Y.R, SE, DGVCL, Surat

• **Haryana**
  1. Shri Shatreveet Kapur, CMD, UHBVN
  2. Shri T.K. Sharma, SE, UHBVN
  3. Shri Anil Sharma, SE/R-APDRP, DHBVN
  4. Shri Manish Dhariwal, XEN/RAPDRP, UHBVN

• **Himachal Pradesh**
  1. Shri. R.k Sharma, Director, HPSECL
  2. Shri R.K.Pairania, S.E, HPSEBL
• **JAMMU & KASHMIR**
  1. Shri Harhmat Qazi, SE, JKPDD

• **Jharkhand**
  1. Shri. Rahul Purwar, MD, JBVNL

• **Karnataka**
  1. Shri P.Ravi Kumar, Secretary (Power)
  2. Shri K.Siddaraju, DT, BESCOM
  3. Shri B.T. Prakash Kumar, GM (IT)
  4. Shri. M.Muniraju, MD, GESCOM
  5. Sh S.P. Sakkari, MD, HESCOM

• **Kerala**
  1. Dr. K. Elangouao, CMD, KSEBL
  2. Smt. Sheela M Daniel, RE, KSEBL
  3. Dr. E. Mohammed Shereef, Dy. CE, Power, KSEBL

• **Madhya Pradesh**
  1. Dr. M.S.Kele, Director, MPPKVCL
  2. Shri A.S. Ragherwarshi, DGM, MPPMCL

• **Maharashtra**
  1. Shri Dinesh Sahoo, Direct, MSEDCL
  2. Shri Ashok Sawa, DCE, Best Mumbai
  3. Shri Mahadisa Vissuukar, AGMES, Best Mumbai

• **Manipur**
  1. Shri L.Priyokumar, ED/Tech., MSPDCL
  2. Shri Y.Dayanta, Manager(project),MSPDCL

• **Odisha**
  1. Shri Hemant Sharma, CMD, OPTCL
  2. Shri J.P. Das, Project Head, OPTCL

• **Punjab**
  1. Shri K.K.Sharma, Director, PSPCL
  2. Shri Balwinder singh, SE, PSPCL

• **Puducherry**
  1. Shri K.Mathivanan, SE
  2. Shri R. Ganesan, Asst Exe. Enggner, Electricity Department
• Rajasthan
  1. Shri Suresh Chauhan, ACE, JdVVNL
  2. Shri Om Prakash, DVVNL
  3. Shri V.S. Bhati, CE(project), AVVNL
  4. Shri N.K. Bhatnagar, XEN(IT), AVVNL

• Sikkim
  1. Shri Phigut Bhutia, CE, Power, GoS
  2. Shri D.K. Pradhan, CE, IPDS

• Tamil Nadu
  1. Shri Rajeev Ranjan, Addl. Chief Secy, Energy
  2. Shri J. Nirman Gana Pushpam, CE TANGEDCO
  3. Shri M.A. Hblen, DireTANGEDCO
  4. Shri P. Muthiah, JD, TANGEDCO

• Telangana
  1. Shri J. Naresh, GM, Project, TSNPDCL
  2. Shri K. Dileep Kumar, SE, TSSPDCL

• Uttar Pradesh
  1. Shri S.C. Bharati, Dir. DDVVNL
  2. Shri P.K. Ararwal, Dir., PuVVNL
  3. Shri G.P. Srivastava, CE, UPPCL
  4. Shri A.K. Srivastava, A.N.U. IPDS, PuVVNL
  5. Shri Vijay Kumar, CE, DVVNL
  6. Shri Yogesh Kumar, PVVVNL
  7. Shri Peeyush Kumar, AE, DVVVNL

• Uttarakhand
  1. Shri M.K. Jain, MD(project), UPCL
  2. Shri. Sudhir K Singh, Ex. Eng, R-APDRP, UPCL
  3. Shri Arun Kant, EE, UPCL

• West Bengal
  1. Shri R.K. Majumdar, Director (Dist), WBSEDCL
  2. Shri Surajit Chakraborti, Resident Director, WBSEDCL

  • Kolkata
    1. Shri M. Biswas, ED, DVC
    2. Shri P.K. Mukhopadhyay, member Secretary, DVC

  • Tripura
    1. Shri B.K. Hranghawt, AGM/TSECL
State-wise details on status of village electrification, targets and commitments made by the respective States in respect of achievements on village electrification by March 2017 are as under:

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<th>Target fixed by REC for balance period of FY 2016-17</th>
<th>Commitments by States on no. of villages to be electrified by March 2017</th>
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All States were advised to stick to the targets. Issues requiring intervention by MoP/REC should immediately be brought to notice with adequate details for early resolution.