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(A Government of India Enterprise)

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REC/PFA/ 1637

Date 07.01.2015

**OFFICE MEMORANDUM**

**Sub: Minutes of meeting for Monitoring of "24x7 - Power for all" of Andhra Pradesh and Rajasthan states**

The undersigned is directed to enclose herewith the minutes of meeting held under the chairmanship of Joint Secretary (RE), Ministry of Power on 19.12.2014 to monitor "24x7 – Power For All" in respect of Andhra Pradesh and Rajasthan states for information and necessary action.

*pkc 7-1-15*  
**(R K Gupta)**  
**DGM, PFA (CPMU)**  
**Ph: 9899899318**

**To**

1. Secretary, Ministry of Coal, Shashtri Bhawan, New Delhi.
2. Secretary, Ministry of New and Renewable Energy, CGO Complex, New Delhi.
3. Secretary, Ministry of Environment, Forest and Climate Change, CGO Complex, New Delhi.
4. Secretary, Ministry of Petroleum and Natural Gas, Shashtri Bhawan, New Delhi.
5. Secretary, Ministry of Agriculture, Krishi Bhawan, New Delhi.
6. Secretary, Ministry of Expenditure, Department of Expenditure, North Block, New Delhi.
7. Secretary (Energy), Govt. of Andhra Pradesh, Hyderabad.
8. Secretary (Energy), Govt. of Rajasthan, Jaipur.
9. Chairperson, Central Electricity Authority, Sewa Bhawan, RK Puram, New Delhi.
10. DG, Bureau of Energy Efficiency (BEE), RK Puram, New Delhi.
11. CMD, PGCIL, Plot no. 2, Sector 29, Gurgaon, Haryana.
12. CMD, PFC Limited, 'Urjanidhi', 1, Barakhamba Lane, Connaught Place, New Delhi
13. MD, Energy Efficiency Services Limited, 4th Floor, IWAI Building, A-13, Sector-1, NOIDA
14. CMD, NTPC Limited, SCOPE Complex, 7 Lodhi Road, New Delhi.
15. Chairman, Railway Board, Rail Bhawan, New Delhi
16. Chairman, Solar Energy Corporation of India,

**Copy to:** PS to SS/PS to JS (RE) / DS (RE), US (RE) Ministry of Power, New Delhi  
PS to CMD, PS to Director (Technical), & PS to ED (CPMU), REC, New Delhi

**State– Andhra Pradesh & Rajasthan**

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Venue: Ministry of Power, Conference Hall, Shram Shakti Bhawan, New Delhi

Date: 19<sup>th</sup> December , 2014

Time: 10.30PM – 1:30 PM

Second review meeting of "24x7 Power for all" was held under the chairmanship of Joint Secretary (RE), MOP on 19.12.2014. Representatives from MNRE, MOEF, Deptt. of Expenditure, MoPNG, Ministry of Agriculture, EESL, CEA, PGCIL, NTPC and the state representatives from Andhra Pradesh and Rajasthan were present in the meeting. List of participants is at Annexure. JS, MOP welcomed all the participants and mentioned that Dr. Dinesh Arora, Director (PFA) is the coordinator for monitoring of PFA and all issues/correspondences in this regard may be addressed to him.

The details of agenda-wise discussions are as under:

**Agenda Item No. 1: Confirmation of minutes of the 1<sup>st</sup> review meeting held on 13.11.2014.**

Director (PFA) informed that the minutes of the 1st review meeting held under chairmanship of Special Secretary, MOP on 13.11.2014 have been circulated to all concerned and requested all members for comments, if any. No comments on the minutes were received from the members.

*Decision: The minutes of the meeting were confirmed.*

**Agenda Item No. 2: Action taken report on decisions taken during the meeting held on 13.11.2014:**

Joint Secretary (RE) MOP reviewed Action Taken Report (ATR) on the decisions of last review meeting. Point wise details are as under:

**ATR-Andhra Pradesh**

1. **AT&C Losses:** ED (PFC) informed that the pilot basis quick verification of AT&C losses of AP DISCOMS based on their audited account is being done by PFC and likely to be completed by December 2014. JS was of the view that verification of AT&C should also be got done through a third party agency.

*Decision: PFC will complete quick verification of AT&C losses of AP DISCOM based on their audited account and confirm to MOP by December 2014.*

2. **Modification in RFP document:** Representative of AP DISCOMs informed that AP have planned procurement of 2000 MW power for meeting the peak demand. In the RFP document, some amendments have been proposed by AP DISCOMs for which approval has been sought from MOP. The decision of MOP is still awaited. Technical bids have been opened & evaluation is in process, however, the financial bids will be opened after receipt of approval from MOP. As no representative from concerned division of MOP was present, the CPMU need to ascertain status.
3. **R&M works of APGENCO Plants:** The representative of APGENCO informed that the proposal is under consideration with their Board of Directors which is likely to be approved

shortly. The detailed proposal is expected to be submitted to FI (REC/ PFC) by end of December, 2014.

4. **Resolving the issue between MCL & APGENCO:** Representative of APGENCO informed that because of high cost of coal, waste of coal washery is also precious nowadays. Even in AP state, many generating plants are being operated with such wastes. The dispute between MCL and APGENCO is regarding the right of use of the waste of coal washery for generating plants. He informed that the case has already been flagged to Ministry of Coal and requested for early decision. As no representative from Ministry of Coal was present, the CPMU to seek status from Ministry of Coal.
5. **Progress of the Spur Lines:** Representative of APTRANCO mentioned that the transmission lines are being constructed by PGCIL and the spur line may also be got executed through PGCIL. Representative of PGCIL informed that as per norms, any transmission line to be constructed by PGCIL should be first approved by the Standing Committee. The State representative was advised to submit their transmission plan to Standing Committee. CPMU to follow up.
6. **Developing Ultra Mega Solar Park:** Representative of NTPC informed that in one of the meeting with State Govt., it was decided that the desired Long Term Open Access (LTOA) will be sought by SECI, hence no action in this regard is required to taken at NTPC level. It was decided that SECI will apply for LTOA.
7. **Exemption from bidding to nominate PGCIL for evacuation of 2000 MW solar power:** Director (Transmission), MoP informed that as per policy, any project to be executed through CTU should have prior approval of the standing committee. He informed that in this case proposal is still with the Standing Committee, therefore decision for allowing GoAP for nominating PGCIL on nomination basis can be taken only after approval of Standing Committee. JS advised Director (Transmission), MOP to take up the matter at the earliest and inform timeline.
8. **Funding of Green Energy Corridor through NCEF:** Representative of Ministry of Finance, Deptt. of Expenditure informed that all pending proposals have been withhold as the guidelines of NCEF funding is under finalization. He further informed that guidelines may be approved shortly and all pending proposals are likely to be approved by 15<sup>th</sup> January, 2015.
9. **Allocation of unallocated share of power of Vellur NTPC and 50MW from NLC:** It was clarified to GoAP that as on date no surplus power of central sector is available for allocations.
10. **DPR preparation for the new schemes under DDUGJY & IPDS:** Representative of GoAP mentioned that the preparation of DPRs under DDUGJY & IPDS could not be initiated as the guidelines for these programs are yet to be received. JS informed that guidelines of DDUGJY & IPDS are likely to approved in the next Monitoring Committee meeting scheduled on 23.12.2014. He emphasized that in the meanwhile States may start preparation of Need Assessment Document (NAD) and submits to respective Nodal Agency by first week of January 2015. He further emphasized that the NAD should indicate outcomes and sync with the PFA document. The state representative mentioned that 9 DRPs prepared in line with RGGVY guidelines are with REC and requested to consider for sanction under DDUGJY. JS mentioned that consent letter of the state in this regard may be provided to REC by first week of Jan,2015.

**Decision:** State to send consent letter to REC by first week of January 2015.

11. **Scheme of Solar Power Agriculture Pumps:** Representative of MNRE informed that sanction of 4000 nos. pumpsets have already been conveyed to AP DISCOMs. In addition to this, sanction of additional 1400 nos. pumpsets has also been considered by MNRE. Over and above, proposal for 1300 nos. more pumpsets is under consideration at MNRE. Hence, no more sanction of solar pumpsets is required for Andhra Pradesh state.
12. **AP DISCOMs to file ARR for FY 2014-15:** Representative of AP DISCOMs informed that ARR for 2014-15 shall be filed by end of December 2014.
13. **Incorporation of a Joint Venture for Solar park development between SECI, APGENCO & NREDCAP:** Representative of APGENCO confirmed that approval of MNRE has been received and Joint Venture Company between SECI, APGENCO and NREDCAP has been formed.
14. **Release of funds under PMU support:** JS was of the view that the funding for PMU support should be borne by the State.

**Decision:** Funding for PMU support shall be borne by concerned State.

#### **ATR- Rajasthan:**

1. **AT&C Losses:** Secretary (Energy), GoR informed that PFA document has been signed on 13.12.2014 and the corrected loss reduction trajectory has been considered in the signed PFA document. Regarding discrepancy between the AT&C losses of FY 2012-13 & 2013-14, he informed that this is because of reporting error. He further informed that the error has been taken care and the agreed loss trajectory as considered in the signed PFA document will be taken as reference in future.
2. **Fast Coal and Environment clearances for Kalisindh and Banswara TPS:** Secretary (Energy), GoR informed that these two generation plants have been identified by the state and requested for providing coal blocks on priority basis. State was asked to submit a fresh proposal to Ministry of Coal.

**Agenda Item No. 3: Template of Dashboard/ Website for "24x7 Power For All":** Director (PFA) has given a detailed presentation before the JS and briefed about the salient features of the web portal for "24x7 Power For All". He explained that separate login ID will be provided to each Power Utilities/ State representatives/ Nodal Officers to get updation from remote end. He further informed that REC has already identified a computer agency and development of web portal has already been started. The website is likely to be completed by December end. He also informed that REC is planning to conduct workshop for State representatives in first/second week of January, 2015. JS complemented the Director (PFA) and his team for their efforts in preparation of the web portal. He was of the view that separate nodal officer should be nominated for each utility and separate login ID may be given to each nodal officer. He further mentioned that a full day workshop may be conducted first at Jaipur and then at Hyderabad wherein portal of "24x7 Power for All", "e-gauge" and "RE-Monitor" may be discussed. Secretary GoR requested JS to hold next review meeting of Jan,2015 at Jaipur. The representative of Andhra Pradesh also requested JS to hold review of "24x7 Power for All" for Feb,2015 in Hyderabad. JS agreed on the request and directed Director (PFA) to plan next review meeting at Jaipur along with the above workshop.

**Agenda Item No. 4: Appointment of Agency wise/ State wise Nodal Officers:** JS (RE), MoP requested all representatives of the state utilities to nominate nodal officers not below of the rank of Chief Engineer at the earliest. It was decided that the name of nodal office along with their telephone number, email ID should be informed to Director (PFA) within a week.

**Agenda Item No. 4: State wise Review**

**Rajasthan**

**a. Generation:**

**i. Project under Implementation:** Secretary (Energy), GoR informed that implementation of all ongoing generation projects are being monitored closely on regular basis and are on track. He informed project wise status/date of completion as follows:

- a. Chhabra TPS Stage-I Phase-2: - Chief Minister of Rajasthan is formally inaugurating the plant on 23<sup>rd</sup> December, 2014.
- b. Kalisindh TPS Stage-I unit-2 (600 MW): - COD January, 2015.
- c. Ramgarh RGTPP Stage-IV (160 MW): Proposal of gas price with the gas supplier is under finalization. As soon as it finalized, the proposal will be placed before the Board of Directors for approval.
- d. STPS Stage -V unit 7&8 (1320 MW): COD Sept, 2016 & Dec, 2016 respectively.
- e. Chhabra TPS Stage-II Unit 5 (660 MW): COD Sept., 2016.
- f. Chhabra TPS Stage-II Unit 6 (660 MW): Secretary (Energy), GoR mentioned that the coal block allocated has been cancelled and requested for early allotment by MoEF.

*Decision: (i) RVUNL to seek approval from Board of Directors by end of January, 2015 for Ramgarh RGTPP Stage-IV (160 MW)*  
*(ii) MoEF to inform the timeline for environment clearance for Chhabra TPS Stage-II Unit 6 (660 MW)*  
*(iii) In order to monitor implementation of project, RVUNL to provide month wise milestone for each project.*

**ii. Future Planned projects (8120 MW):** Secretary (Energy), GoR informed that State has planned to commission 8120 MW generation capacity plants but their commissioning is subjected to availability of coal linkage. He informed the committee that target of "24x7 Power For All" programme of 2018-19 will not be affected in case

of any delay in commissioning of these projects. JS desired that state to provide list of such projects along with its tentative date of completion.

- iii. **Permanent deletion of the names of Power Stations of RVUNL from the list of imported coal:** Secretary (Energy), GoR mentioned that because of isolated location of Rajasthan state, the state power utilities are bearing heavy financial burden on account of transportation of imported coal. He requested for enhancement of allocation of domestic coal and permanent deletion of name of power station of Rajasthan from the list of power plant identified for imported coal. It was decided that State shall write to Ministry of Coal. CPMU to follow up.

**b. Inter State Transmission:**

- i. **Under Implementation Inter-State Transmission System (ISTS) projects costing Rs. 3616 Crore:** Representative of PGCIL informed that projects are under progress. He informed following timeline against each project:

- Gwalior-Jaipur-Bhiwani 765 KV 2XS/C line 1100 Ckm - COD Mar-2015
- RAPP-Kota-Jaipur 400 KV D/C line 480 Ckm - COD Nov-2017
- RAPP-Shujalpur 400 KV D/C 500 Ckm - COD Nov-17
- VAR Compensation at Kankroli - COD Aug-17
- System Strengthening -Sikar-Jaipur 400 KV line (340 Km): COD Jun-2015 subject to resolution of ROW issue by the State. *The State agreed to provide necessary support to PGCIL*
- System Strengthening -Sikar-Ratangarh 400 KV line (160 Km): COD Jan-2015

*Decision: State to provide necessary support for ROW to PGCIL*

ii. **Green Energy Corridor:**

- Ajmer (New)- Ajmer (RVPN) 400kV D/c (Quad) & Establishment of 2x1500 MVA, 765/400kV S/s at Ajmer (New) - PGCIL mentioned that necessary support from the State for providing 25 acres of land may help in timely completion of project. *State has agreed to provide the required land by Jan-2015.*
- Chittorgarh (New)- Chittorgarh (RVPN) 400kV D/c (Quad) & establishment of 2x1500 MVA, 765/400kV S/s at Chittorgarh - PGCIL mentioned that necessary support from the State for providing 40 acres of land may help in timely completion of project. State has agreed to provide the required land by Jan-2015.

*Decision: State to provide suitable land for Ajmer & Chittorgarh substation by Jan,2015*

- iii. **Projects planned but implementing Agency is yet to be finalized, costing of Rs. 5237 crore:** Secretary (Energy) Govt. of Rajasthan mentioned that state has identified

various transmission corridors but implementing agency is yet to be finalized. He also proposed to implement these transmission corridors through PGCIL. Director (Transmission), MOP clarified that state should place the proposal before standing committee and standing committee to decide about the implementing agency.

*Decision: State to put up detail proposal before the standing committee.*

- iv. **Transmission of RE Power :** Secretary (Energy) Govt. of Rajasthan mentioned that due to intermittency and variability in RE power, a detailed transmission plan for RE power is being formulated in consultation with CEA/CERC. Director (Transmission) MOP mentioned that state has to first identify location of solar park and get clearance from the standing committee, thereafter the planning of transmission system will be finalised. Secretary (Energy) Govt. of Rajasthan informed that state is planning to implement solar park in two phase. Land for first phase of 10000 MW is under process of acquiring and for second phase identification of land will take some time. JS desired that state to inform time line.

Decision: (i) GoR to inform timeline for identification location of sola park.

(ii) Proposal of transmission plan be placed before the standing committee.

- v. **Proposal for GOI grant under NCEF and CTF:** Secretary (Energy) Govt. of Rajasthan informed that agreement for KfW project has been signed but 40% grant is yet to be received from MNRE. The representative of MNRE informed that matter will be looked into by him and assured to release grant to state at the earliest.

**c. Intra State Transmission**

- i. **Under implementation projects -** Secretary (Energy) Govt. of Rajasthan informed that implementation of all ongoing transmission projects are being monitored on regular basis and are on track. He informed project wise schedule for completion as follows:.

- 765 kV grid substations Anta - -December; 2015
- 765 kV grid substations Phagi (Jaipur) -December,2015
- 400 kV grid substations at Chittorgarh -June;2015
- 400 kV grid substations at Ajmer - February,2015
- 400 kV grid substations at Babai - 2016-17 (exact month shall be informed)
- 400 kV grid substations at Jodhpur (New)- 2016-17 (exact month shall be informed)
- 400 kV grid substations at Ramgarh -2016-17 (exact month shall be informed)
- 400 kV grid substations at Bhadla - 2016-17 (exact month shall be informed)

*Decision - State to inform month wise milestones against each projects.*

- ii. **Transmission line under implementation through Tariff Based Competitive Bidding (TBCB) –** Secretary (Energy) Govt. of Rajasthan informed that that three

transmission lines are being constructed through TBCB. He informed that execution of projects are under progress and completion schedule is likely as under:

- 400kV GSS at Deedwana with following lines: (Rs. 284.12 crore) – Feb,2015
- 400kV GSS at Alwar with 400kV S/C Hindaun-Alwar line (Rs. 188.31 crore) – Completed
- 220kV GSS at Nawalgarh with following lines: (Rs. 36.27 crore) – March , 2015

**iii. Transmission line proposed to be implemented through TBCB with VGF support**

It was clarified that there is no policy/ scheme of Gol for providing VGF support for transmission lines.

**d. Financial restructuring of utility –**

- i. **AT&C loss trajectory** - Secretary (Energy), GoR informed that PFA document has been signed on 13.12.2014 and the corrected loss reduction trajectory has been considered in the signed PFA document. Regarding discrepancy between the AT&C losses of FY 2012-13 & 2013-14, he informed that this is because of reporting error. He further informed that the error has been taken care and the agreed loss trajectory as considered in the signed PFA document will be taken as reference in future.

CMD, PFC informed that AT&C figure are being reviewed in Gol at highest level therefore requested all state utility for timely submission of financial figure. It was decided that AT&C figure of second quarter of 2014-15 will be provided to PFC by December, 2014.

- ii. **Financial restructuring plan** –Secretary (Energy), GoR informed that all the DISCOMs are in financial crunch and the burden to the DISCOMs have increased to Rs. 85000 Cr. as on date from Rs. 77000 Cr. as on March, 2014. This is mainly due to isolated location of Rajasthan State leading to higher transportation cost of coal resulting in high average cost of supply to the DISCOMs. He further informed that the heavy financial burden on DISCOMs is inviting possibility of withdrawal of support from power/coal producers any day. He requested for immediate support from Gol.

**e. Distribution –**

- i. **DDUGJY**- Secretary (Energy), GoR informed that though under the umbrella of "24 X 7 Power for All " state has plan to provide uninterrupted power supply to connected consumer as well as unconnected households, but looking to the heavy financial burden on the DISCOMs, the priority will be to reduce the financial



burden by way of system strengthening, reduction of T&D losses, improvement of billing/collection efficiency etc. He further informed that in line of above, preparation of Need Assessment Document(NAD) for DDUGJY has already started. He requested that that 5 projects prepared in line with RGGVY guidelines and submitted to REC may be considered for sanction under DDUGJY. JS advised Secretary (Energy) GoR to provide consent of the State in writing to REC.

- ii. **RGGVY** - Secretary (Energy), GoR mentioned that only 7 out of 22 no. of 12<sup>th</sup> plan RGGVY projects could be awarded because either the response of bidder was very poor or bidder quoted very high rates. Due to this, state is planning to execute these RGGVY projects on department execution basis. JS mentioned that execution of RGGVY projects on departmental basis is required prior permission of the monitoring committee therefore proposal in this regard may be submitted to REC. It was also clarified by JS that no funds shall be released under DDUGJY projects till all projects of X and XI plan phase-I RGGVY projects are closed. JS emphasized to submit all pending closure proposals within this month.

*Decision- (i) State to submit proposal for departmental execution to REC.*

*(ii) State to submit all closure proposals by 31 December, 2014.*

- iii. **R-APDRP**- CMD, PFC informed that the progress of R-APDRP projects of Rajasthan state is very poor and the state is requesting for time extension again and again. In case the milestones are not achieved timely, the conversion of loan into grant would be difficult. Secretary (Energy), GoR mentioned that the programme is being reviewed on regular basis and necessary directions have already been issued to field offices for achieving the milestones by June 2015. However many milestones like GIS, assets mapping are very critical and time consuming and difficult to be achieved within stipulated time schedule. Therefore, he requested for special relaxation to the state for releasing of grant without achieving such critical milestones. JS was of the opinion that a team of PFC may visit Rajasthan for detail discussions and come up with concrete proposal to the steering committee of IPDS.

*Decision: A team of PFC will visit to Rajasthan for detail discussions and submit a concrete proposal to the steering committee of IPDS.*

- iv. **New schemes under DDUGJY and IPDS** – JS mentioned that under DDUGJY and IPDS programme limited kitty is available. To cover all states within the approved kitty, state wise allocation of grant would be informed. Hence the state has to prioritized their works before proposing the same into DPRs.
- v. **DDG** – MD, DISCOM informed that 42 projects were sanctioned under DDG for the state. Bids were invited but inspite of so many extension of bid opening date,

the response of bidders is very poor. Now they are planning to retender the same and expected to place award by January, 2015.

- vi. **Renewable** – State representative requested to provide Viability Gap Funding (VGF) for solar and wind power projects from Govt of India. JS (RE), MoP clarified that no such policy of Gol exist as on date.
  - vii. **Roof top Solar** – Representative of MNRE informed that approval of roof top solar of total capacity of 6 MW have already been conveyed to the state and approval of additional 2 MW capacity is expected to be considered shortly.
  - viii. **Hours of Supply-** ED, RGGVY informed that REC has circulated a format to all states for providing information's regarding hours of supply, progress of village / BPL household electrification. He requested to provide the desired information on regular basis.
- f. **Energy Efficiency** – MD, DISCOMs informed that DISCOMs are replacing all the incandescent bulbs installed in various sub-stations with LED bulbs. As on date, against the target of replacement of 4000 bulbs, 1000 bulbs have already been replaced. He requested for providing grant by Gol for such replacement programme. It was decided that state to submit detailed proposal in this regard.

**Andhra Pradesh:**

JS mentioned that detailed review of "24 X 7 Power for all" have already been done during the last meeting. Further while reviewing of ATR during this meeting, all issues have also been reviewed. He was of opinion that detailed review at this stage is not required however state representative may point out critical issue if any which need to be discussed. No issue was raised by the state representatives.

The meeting ended with vote of thanks.

**List of Participants - 2nd Review meeting "24x7 Power For All" held on 19.12.2014**

**Ministry of Power**

Shri B.N. Sharma, Joint Secretary (Dist./RE)  
Shri Kamlesh Kumar Mishra, Deputy Secretary (RE)  
Shri A.K. Mitra, Under Secretary (RE)

**MNRE**

Shri G. Prasad, Scientist-E

**Ministry of Petroleum & Natural Gas**

Shri Nilkanth S. Ahvd , Dir (GP)

**Ministry of Environment & Forest**

Shri T.C. Nautiyal,

**Ministry of Agriculture**

Dr. Pradip Kumar Saha

**Ministry of Finance (Deptt. of Expenditure)**

Shri Chitranjan Dash, Director (PF-II)

**CEA**

Shri A.K. Rajput, Director  
Shri Vivek Goel, Director

**REC**

Shri Rajeev Sharma, CMD  
Shri P.J. Thakkar, Dir (Tech.)  
Dr. Dinesh Arora, ED  
Shri Sunil Kumar, GM  
Sh.T.S.C. Bosh, GM  
Sh.R.K.Gupta DGM

**PFC**

Shri M.K. Goel, CMD

**PGCIL**

Shri A.K. Vaish, GM (CMG)

**NTPC-NESCL**

Shri S. Basu, G.M (PC)

**EESL**

Shri Vivek Talwar, RM (DSM)

**BEE**

Shri Saurabh Kumar, MD

Shri Milind Deore, EE

**Solar Energy Corporation of India**

Shri Rakesh Kumar, Director (PS)

**Government of Andhra Pradesh**

Shri K. Ranganathan, Adviser (Energy)

Shri P. Sathyamoorthy, Dir (Fin.) APGENCO & APTRANSCO

**Government of Rajasthan**

Shri Sanjay Malhotra, Secretary (Energy)

Shri B. Ranawat, MD, Ajmer DISCOM

Shri N.M. Chohan, MD, JdVVNL Jodhpur

Shri B.K. Dosi, MD, RREC & MD, JVVNL

Shri P.S. Arya, CE (PPMC & IT), RRVVNL

Shri C.L. Koli, SE (PPM), RRVVNL

Shri T.S. Sharma, SE MIS, JVVNL

Shri G.D. Pamnani, EE (Projects), RVPNL