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Northern Regional Power Committee
18-A, Katwaria Sarai, New Delhi

No. NRPC/SE(O)/PM/11/

Dated: 30. 09.2011

To

1. Shri. Loveleen Singh, DGM, DTL, Fax No 011-23221022/23221059
2. Shri. Vipul Pal Singh, SE, HPSEBL, Fax No 0177-2837318
3. Shri. R. K. Sharma, Dy. C.E., PSTCL, Fax No 0161-2456704
4. Shri. M. S. Sirohi, Dy. C.E., BBMB, Fax No 0180-2662992
5. Shri. Atul Aggarwal, XEN, HVPNL, Fax No 01733-253066
6. Shri. Rajeev Gupta, DGM, PTCUL, Fax No 0135-2451160
7. Shri. Sandeep Singh, SE, UPPTCL, Fax No 0522-2288736
8. Shri. Habib Chaudhary, EE, PDD J&K, Fax No. 0191-2536504
9. GM (O & M) NR – I, POWERGRID
10. GM (O & M) NR – II, POWERGRID

Sub: Minutes of the meeting on Pollution Mapping held at NRPC on 23.09.2011.

A meeting on Pollution Mapping was held at NRPC on 23.09.2011. The minutes of the meeting is available on our web-site, www.nrpc.gov.in.

Yours faithfully,

-Sd-

(Ajay Talegaonkar)
Superintending Engineer (O)

Minutes of the meeting taken by Member Secretary, NRPC on 23rd September, 2011 on Pollution Mapping in Northern Region

List of participants is enclosed at Annex-I.

1. Member Secretary (I/C), NRPC, welcomed the participants to the meeting and stated that the issue of pollution mapping was recommended by the Enquiry Committee constituted by CEA for grid incident of March, 2008. After prolonged discussions in various forums, mapping of pollution had finally come to the implementation stage. The target fixed by NRPC to start the work by placing dummy insulators was end of October 2011 and stated that all us would have to put extra effort to achieve this target.
2. **Training Programme Scheduled on 3rd & 4th October, 2011 at Bhiwadi S/s**
MS (I/C), NRPC requested the constituents to nominate participants who would be involved in pollution mapping for the training programme scheduled for 3rd and 4th of October 2011 at Bhiwadi. Representative of PSTCL stated that it might be difficult for their officers to attend the training programme and requested for postponement. SE(O), NRPC stated that postponement of training programme would delay the start of implementation. After discussion it was agreed that the Training Programme on Pollution Mapping on 3rd & 4th October, 2011 at Bhiwadi S/s will be conducted as per the original schedule. In case PSTCL officers are not able to attend the training programme, a demonstration of measurement procedure would be by POWERGRID at their sub-station in Punjab. It was also decided that all STUs would send their nomination for training programme by 29th September, 2011.
3. **Site Selection and Installation of Dummy Insulators on Towers**
SE (O), NRPC requested the constituents to forward the list of locations identified for pollution mapping along with GIS co-ordinates and line voltages. He informed that the criteria for selection of site for pollution mapping as given by CPRI was available on the web-site of NRPC. Representative of POWERGRID stated that as a thumb rule the distance between two adjacent locations could be of the order of 100 km, 50 km and 25 km in areas of low, medium and high pollution respectively. Representatives of DTL and BBMB informed that they had identified 10 and 19 locations respectively. Representatives of PSTCL and HVPNL agreed to furnish the list of locations before 30th September 2011. SE(O), NRPC requested UPPTCL to review the list of locations vis-a-vis that of POWERGRID so that no two locations were in close proximity. It was

decided that all STUs would submit final list of locations for pollution mapping by 30th September, 2011.

4. Field Measurements and Related Activities

Representative of POWERGRID informed that there would be 6 measurements in 2 years. The 1st measurement should be carried out during 1-10 of February 2011. The schedule for conducting pollution measurement as informed by representative of POWERGRID during the meeting was as under;

1st measurement – February 1-10, 2012

2nd measurement – June 10 -20, 2012

3rd measurement – September 20 - 30, 2012

4th measurement – January 1 -10, 2013

5th measurement – April 10 - 20, 2013

6th measurement – July 10 – 20, 2013

Nodal officers of the constituents took note of the above.

5. Procurement of Measuring Instruments and Distribution to STUs by POWERGRID

Representative of POWERGRID informed that CPRI would furnish the estimate of cost for the measuring instruments. Thereafter, POWERGRID would procure 36 sets and distribute to the constituents. SE(O), NRPC stated that states with bigger geographical spread would require more instrument sets. After discussions it was agreed that constituents would work out number of instrument sets based on number of locations and geographical spread and would convey the same to POWERGRID by 10th of October 2011.

6. Arrangement of T & P, Plastic Tents, Heaters, Voltage Source etc.

Representative of POWERGRID stated that T & P items such as plastic tents, heaters, voltage source etc were available locally and therefore the individual STUs should procure such items. After discussions it was decided that STUs would procure the items and make them available at site. It was agreed that if needed, constituents should get in touch with POWERGRID for any advice regarding procurement of these items.

7. Quarterly NSDD and Chemical Analysis

Representative of POWERGRID stated that the procedure for NSDD and chemical analysis was simple and could be done by officers who had attended the training programme. SE(O), NRPC stated that on NRPC web-site a separate section on

“Pollution Mapping” under “Operational Activities” would be created where all documents, procedures etc. could be uploaded for easy access to site engineers. He requested POWERGRID to make video recording of the measurement procedure which could also be uploaded on NRPC web-site. This was agreed to by POWERGRID.

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

Annexure-1

List of Participants for meeting on Pollution Mapping on 23.09.2011

Name	Designation	Organization	Mobile	E-mail ID
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