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भारत सरकार
Government of India
उत्तर क्षेत्रीय विद्युत समिति
Northern Regional Power Committee
18-ए, शहीद जीत सिंह मार्ग, कटवारिया सराय नई दिल्ली - 110016
18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi-110016

No.NRPC/SE(O)/Insulators/2011/

Dated: 23.12.2011

To,

1. CMD, POWERGRID, Gurgaon
2. Chairman, BBMB, Chandigarh, Fax No 0172- 2549186, 2652820
3. CMD, DTL, New Delhi Fax No 011 23234640
4. CMD, PSTCL, Ablawal, Patiala
5. MD, HVPNL, Panchkula Fax No 0172-2560640
6. CMD, RRPVNL, Jaipur Fax No 0141- 2740168
7. MD, UPPTCL, Lucknow Fax No 0522- 2287880/ED UPPTCL, Lucknow
8. Director (Electrical Engineering-PS), Railway Board, Rail Bhavan
New Delhi-110001, Fax 011- 23387045,
9. CED, North Central Railway, Allahabad, 0532-2223211, 2230204
10. CEO, Powerlinks Transmission Limited, New Delhi, Fax-011-45459555
11. GM (O&M), POWERGRID, NR-I
12. GM (O&M), POWERGRID, NR-II

Subject: Minutes of the meeting on 13th December, 2011 regarding Replacement of Porcelain Insulators with Polymer/Antifog insulator and cleaning of Porcelain insulator on Transmission lines in Northern Region

Sir,

A meeting was held with the utilities of Northern Region on 13th December, 2011 on the above subject.

Minutes of the aforesaid meeting are enclosed. Copy of the same is also available on website of NRPC (www.nrpc.gov.in).

Encl: As above

Yours faithfully,
-Sd-
(Ajay Talegaonkar)
SE (Operations)

Record of Discussions in the meeting on Replacement & Cleaning of Insulators in Northern Region on 13.12.2011

List of participants is enclosed at Annex-I.

Following decisions were taken/conclusions were arrived at in the meeting:

- (i) SE (O), NRPC stated that fortnightly reports on replacement and cleaning are not coming regularly from utilities except BBMB. Regarding POWERGRID, SE (O), NRPC stated that separate reports are coming from POWERGRID NR-1 and NR-2 because of which NRPC is facing difficulties in making the report. POWERGRID assured that from now onwards they would submit a consolidated report.
- (ii) Representative of POWERGRID stated that the consignments of Polymer insulators are being received progressively and work for second stage would start based on the availability of Insulators and shutdown permitted by NRLDC. Regarding cleaning at critical locations, POWERGRID stated that it is almost complete and remaining portion would be completed by 15th December, 2011. SE(O), NRPC expresses concern that major portion of stage-II would get completed only after winter is over.
- (iii) Representative of Northern Railways informed that the suspension insulators strings of 132 kV Diwana-Taraori Ckt.-1 and 133 kV Diwana-Shahbad Markanda Ckt-2 have been replaced with composite type (Polymer) insulators strings. The replacement of tension insulators strings is in progress and it is expected to be completed by 31.12.2011. Regarding cleaning of porcelain insulators, it was informed that 100 % cleaning has been completed up to 01.12.2011. Second phase of cleaning would be completed by 31.12.2011. SE (O), NRPC requested Northern Railways to furnish report after completion of work.
- (iv) Representative of DTL informed that award of contract to install the 5000 nos of antifog insulators on 05 nos of 220 kV D/C line is under progress. He further stated work is likely to be completed by March, 2012. SE(O), NRPC stated that based on decision arrived at in the meeting taken by chairperson, CEA on 30.04.2008, it is clear that in NCR area, only polymer insulators should have to be used in place of porcelain insulators. He advised DTL not to procure antifog insulators in future and even for 220 kV lines, porcelain insulators should be replaced by polymer insulators. He requested DTL to send regular information as per format provided on NRPC website(www.nrpc.gov.in)

- (v) Representative of BBMB informed that for 400KV S/C Dehar-Panipat Line and 400 kV Dehar-Bhiwani line, the procurement action has again been initiated by BBMB and tenders are under evaluation. He further stated that for 220KV Rohtak Road-Narela ckt-I & II, NIT is under process. Regarding hotline cleaning of 400 kV Paniapt Switchyard, he stated that it would be completed by 25.12.2011.
- (vi) Representative of HVPNL informed that replacement work for Stage-1 is 83 % complete and for stage-II 53 % is complete. He further informed that cleaning work is complete on all critical locations.
- (vii) Representative of NRLDC stated that it would be difficult to provide shutdown of the lines for replacement work in coming months but they would try to facilitate the work as and when possible.
- (viii) Agenda points related to UPPTCL, PSTCL, and Northern Central Railways could not be discussed as no representative from these organizations attended the meeting.
- (ix) Updated status as on 13.12.2011 is enclosed as Annexure-II

Name & Designation	Organization	Phone/Mobile	e-mail ID	Signature
ALOK PRakash CHIEF MANAGER	POWERGRID	99717 98497	prakashalok@ indiatimes.com	Ku. Prash
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Summary of Replacement of Porcelain Insulators by Polymer / Antifog Insulators					Annexure-II
	Stage-I (Lines identified after grid incidence on 8th March 2008)		Stage-II (Lines identified after grid incidence on 2nd January 2010)		
Utility	Lines/Inulator Identified (Nos)	Progress of Replacement of Insulator String (%)	Lines Identified (Nos)	Progress of Replacement of Insulator String (%)	Status as on
HVPNL	25	63	17	51	08.12.2011
POWERGRID	54	92	39	Nil	15.12.2011
BBMB	35	66	5	5	12.12.2011
DTL	8213(For 220 kV lines)	0	5		220 kV lines identified. Total Insulators strings to be replaced is 5000(Status as on 13.12.2011)
UPPTCL	34	35.6	*		No lines were shown under stage-II in earlier reports. In November 2011 UPPTCL submitted a report showing the 34 lines earlier shown under stage-1 as under stage-II. - UPPTCL has to clarify
PSTCL	20	100	35	100	Status was shown as 100 %. PSTCL has now indicated that balance works are being carried out in 2011-12. This needs to be clarified.
POWERLINK	1	100	-	-	Work Complete
RVPNL	2	100	-	-	Work Complete
North Central Railways					1126 Insulator strings replaced(As informed during last winter)
North Railways	2				Work on replacement on 2 ckts identified is - expected to be completed by 31.12.2011

* Lines are yet to be identified in Stage-II