

**DELHI TRANSCO LIMITED**  
(Regd. Office: Shakti Sadan, Kotla Road, New Delhi-110002)

**AGENDA OF OCC MEETING DT. 09.12.2015**

**Date** : **09.12.2015 (Wednesday)**  
**Time** : **10:30 AM**  
**Venue** : **Office of ED(Tech) O&M-I, Park Street.**

**1.0 Confirmation of minutes of OCC meetings dt. 06.11.15**

Last OCC meeting was held on 06.11.15 in accordance with the agenda circulated vide letter dt.02.11.15. Minutes of the aforesaid OCC meeting were issued vide letter/mail dt. 16.11.15.

Members may like to confirm the same.

**2.1 Status of Installation of Capacitors – Study by Planning Deptt., DTL**

DTL had entrusted CPRI to study the installation of shunt capacitors in Delhi system on the advice of OCC. Accordingly CPRI carried out the study for reactive power compensation in Delhi. Final report was submitted by CPRI and for its implementation; a copy of report had been emailed to all DISCOMs and GENCOs. SLDC convened a meeting with DISCOMs on dt. 18.02.15 to discuss on the Reactive Power Study report submitted by CPRI.

DTL informed that the comments received from DISCOMs have been sent to M/s CPRI and the reply for the same has been received from them.

During meeting dt. 06.10.15, OCC advised DTL Planning department to conduct a final meeting with CPRI and stake holders before 15<sup>th</sup> October, 2015 so that final course of action be taken for implementing recommendations given by M/s CPRI.

DTL Planning department to update the status.

**2.2 Status of Hot Reserve of transformers at all levels.**

DTL to update the status of following hot reserves:

<b>S. No</b>	<b>Capacity</b>	<b>Present population in nos.</b>	<b>Status of the hot reserve as on 06.11.15</b>
1.	220/66kV, 160MVA Tx	18	DTL informed the work of ETC of 160MVA Tx at PPK-II (hot reserve) has already been awarded to M/s Kanohar. Tx. has been erected and expected to be energized by the end of November, 2015.
2.	220/66kV, 100MVA Tx	41	DTL informed that tender for supply and ETC of 220/66/33kV 100MVA Tx as hot reserve at 220kV

3.	220/33kV, 100MVA Tx,	36	Patparganj Substation is yet to be floated.
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### 2.3 Long/Recent outage of Elements in Delhi power system.

Members to update the status of following Long/Recent outage of Elements in Delhi Power system:

S. No.	Element's Name	DISCOM/ DTL	Date and Time of outage	Remarks/ Status as on 04.12.2015
1	33kV BAY -3 (IP – Kilokri)	BRPL	22.02.11	Clearance from Railways for laying of Underground cables near Bhairon Road is pending.
2	66kV Vasant Kunj – Ridge Valley Ckt.-II	BRPL	13.01.14	BRPL informed that contract is to be awarded for laying new cable.
3	33kV RIDGE VALLEY - KHEBAR LINE CKT.-I	BRPL	08.02.15	Breaker faulty. To be revamped by including in GIS.
4.	33kV JNU-ADCHINI-T-OFF IIT CKT.	BRPL	11.09.15	T-OFF - ADCHINI PORTION) BOTH CABLES
5.	20MVA PR.TR.-II AT 66kV VASANT KUNJ Ç'BLOCK	BRPL	03.10.15	PLANNED SHUT DOWN. Expected by 10.11.2015
6.	20MVA PR.TR.-III AT C-DOT	BRPL	12.11.15	Under Shutdown
7.	66/11kV 20MVA PR.TR.-II AT OKHLA PH.-I	BRPL	18.11.15	Under Shutdown
8.	66kV PARK STREET-RIDGE VALLEY CKT.-II	BRPL	20.11.15	Under Shutdown
9.	33kV CBI BUILDING - LAJPAT NAGAR CKT.	BRPL	29.11.15	SINGLE CABLE FAULTY
10.	66/11kV 20MVA PR.TR.-II AT BINDAPUR	BRPL	16.11.15	UNDER BREAK DOWN(FLASH OVER)
11.	BAY - 612 (400kV MUNDKA-66kV MUNDKA)	BRPL	19.11.15	UNDER SHUT DOWN
12.	BAY -611 (400kV MUNDKA-66kV MUNDKA)	BRPL	23.11.15	UNDER SHUT DOWN

13.	66kV NANGLOI-MANGOLPURI-T-OFF MUNDKA CKT.-I	BRPL	16.11.15	UNDER SHUT DOWN
14.	66kV PPK-II(220kV)-G-5 MATIALA CKT.-II	BRPL	01.12.15	'B'PH. CABLE FAULTY
15.	66kV HARSH VIHAR - GONDA CKT.-II	BYPL	27.10.15	'B'PH. CABLE FAULTY. Expected by 11.11.2015.
16.	33kV PATPARGANJ - GEETA COLONY CKT.	BYPL	03.12.15	'B'PH. SINGLE CABLE FAULTY
17.	33kV PANDAV NAGAR - DMS CKT.	TPDDL	02.12.15	UNDER BREAK DOWN
18.	33kV SHALIMARBAGH-WAZIRPUR-II CKT.-II	TPDDL	02.12.15	UNDER BREAK DOWN
19.	220kV MAHARANI BAGH - ELECTRIC LANE CKT.-II	DTL	17.04.15	Cable again found faulty during testing before energization. Expected by 31 <sup>st</sup> December, 2015.
20.	220kV MEHRAULI - DIAL CKT.-I	DTL	05.11.15	Joint Box No.1 of Y-phase of Cable got damaged.
21.	400kV BAMNAULI - BALLABHGARH CKT.-I	DTL	10.11.15	CABLE END BOX FAULTY. Ckt. Energized through ERS.

## 2.5 Back feed & RMU provision for 11 kV feeders by TPDDL at 220 kV Substation Kanjhawala

During OCC meeting dt. 07.07.15, DTL requested TPDDL to make feedback arrangement in line with DERC guidelines at 220kV Kanjhawla S/Stn. to avoid any unwanted situation and safeguard DTL system for any fault at TPDDL end

During meeting dt.07.07.15, OCC advised TPDDL and DTL to have joint inspection visiting TPDDL's first switching substations to check protection system and back-feeding provision.

DTL informed that a joint inspection with TPDDL has been carried out on dt. 28.07.15. DTL informed the following:

- During the joint inspection, it has been confirmed by TPDDL that no back feed provision has been available for 6 nos. 11kV feeders emanating from 220kV Kanjhawla Substation.
- Protection co-ordination of 11kV system of DTL and TPDDL to be checked.
- As the first switching substation for 11kV ABC Rani Khera is at around 4Kms., the same needs to be shifted near to 220kV Kanjhawla Substation.
- Problem in RMU breaker of 11kV U/G Kanjhawla.
- Reason for frequent tripping of 11kV SOS Bawana feeder.

During the OCC meeting dt. 06.10.15, DTL and TPDDL informed the C.B. timings are yet to be checked. OCC advised DTL and TPDDL to check 11kV CB timings at the earliest. Further, OCC advised TPDDL to inspect RMUs of 11kV U/G Kanjhawla and SOS Bawana.

During the OCC meeting dt. 06.11.15, TPDDL informed that the 11kV CB timings have not yet been checked and inspection of RMUs of 11kV U/G Kanjhawla and SOS Bawana could not be completed due to other priority works. TPDDL informed that they shall look into the issue at the earliest. OCC advised TPDDL and DTL to sort out the issues by 20<sup>th</sup> November, 2015.

TPDDL and DTL to update the latest status.

## **2.6 11 KV tripping at 220 KV S/Stn. Najafgarh**

The issue of regular tripping of all the 12 nos. 11 KV feeders emanating from 220 KV S/Stn Najafgarh has been placed in the earlier OCC meetings successively but no action has been taken by BRPL till date. Although, the matter has also been rigorously pursued with BRPL officials through e-mails for a joint inspection with respective protection departments but the same has not been carried out till date.

The above results in frequent tripping of 11 KV feeders whereby reducing the life the switchgear along with putting constraints on the 3 nos .20 MVA Power Transformers installed at NJF substation. Accordingly, DTL requested OCC to advise BRPL to have joint inspection with respective Planning departments of BRPL and DTL to ensure healthiness of protection system of first switching substations of 220 KV Sub/stn NJF.

During the meeting dt. 01.09.15, OCC advised DTL and BRPL to have joint inspection of first switching substations.

During the meeting dt. 06.11.15, DTL informed that the inspection of first switching substations of 220kV Najafgarh substation has not yet been carried out. OCC advised DTL and BRPL to have joint inspection by 25<sup>th</sup> November, 2015. On request of DTL, OCC advised BRPL to nominate their representatives for the said inspection on 23<sup>rd</sup> & 24<sup>th</sup> November, 2015.

BRPL and DTL to update the outcome of the inspection.

## **2.7 Restoration of Yard area at 220kV Naraina Substation.**

At 220kV Naraina Substation, 33kV Bay nos. 21 and 22 have been dedicated to BRPL and accordingly, BRPL laid cable during the period of March 2015 to May 2015 for which complete road from Gate No. 2 of substation to 33kV yard was excavated and ensured the restoration of the same before charging. The cable laying work by BRPL has been completed, but the restoration of the excavated road has not been completed till date even after repetitive reminders.

During OCC meeting dt. 06.11.15, BRPL informed that they look into the issue and take necessary action.

BRPL to update.

### **3.0 TPDDL Agenda points**

#### **3.1 Excess sagging of BBMB EHV Circuit:**

TPDDL informed that excess sagging is found between two towers of 220kV Narela – Rohtak Road Circuit (owed by BBMB) near Pitampura Residential Area where there is also Parking lot of TPDDL Technology Centre. It is at very high risk to have excess sag in 220kV circuit in residential area. Accordingly, TPDDL requested BBMB to have site visit and take corrective measure.

Issue has been deliberated during OCC meeting dt. 06.11.15 and OCC advised BBMB to have inspection of the said circuit in the presence of TPDDL representative and take necessary action.

BBMB to update.

#### **4.0 Proposed Shutdowns**

Shutdowns proposed by various divisions of DTL has been enclosed as Annexure.

Members may deliberate.

#### **5.0 Any Additional agenda points with the permission of the Chair.**