

**DELHI TRANSCO LIMITED**  
(Regd. Office: Shakti Sadan, Kotla Road, New Delhi-110002)  
**Office of Dy. Gen. Mgr. (OS & Lines)**  
220KV S/Stn. Bldg. Naraina, New Delhi-110010  
Tele: 25683304

**AGENDA OF OCC MEETING DT. 13.02.2015**

**Date** : 13.02.2015 (Friday)  
**Time** : 03:00 PM  
**Venue** : Conference Room, SLDC Building, Minto Road.

**1.0 Confirmation of minutes of OCC meeting dtd. 13.01.2015**

Last OCC meeting was held on 13.01.15 in accordance with the agenda circulated vide letter dt.29.12.14. Minutes of the aforesaid OCC meeting were issued vide letter dated 16.01.2015.

Members may like to confirm the same.

**2.1 Setting up of control room by MES.**

MES has to set up an independent control room and SLDC providing Consultancy services. During the last OCC meeting, MES informed that the construction work of Control room building at Khyber Line is in progress and they are waiting for the Communication Specifications from DTL.

During the OCC meeting dt.13.01.15, MES informed that the queries raised by the vendors during pre-bid meeting are being answered and the same shall be completed by 15<sup>th</sup> January, 2015. MES also informed that BOQ of communication part is pending. SLDC informed that MES is yet to sign MoU. MES informed that signed MoU shall be available to SLDC by the end of the week.

MES to appraise the status of MoU and BOQ finalization.

**2.2 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 had been submitted by CPRI and for its implementation; a copy of report had been emailed to all DISCOMs and GENCOs.

During OCC meeting dt.13.01.15, DTL informed that during 33<sup>rd</sup> meeting of NRPC held on 11 Nov.2014 at Chandigarh it was decided that NRPC will hold a meeting with DTL and POWERGRID to finalize the requirements of reactors.

OCC advised that the aforesaid report by CPRI be discussed in Delhi Steering Committee meeting.

DTL to update.

### 2.3 Status of Hot Reserve of transformers at all levels.

DTL to update the status of following hot reserves:

S. No	Capacity	Present population in nos.	Status of the hot reserve as on 13.01.15	Remarks
1.	220/66kV, 160MVA Tx	7	DTL planning informed a scheme for additional 160MVA transformer has been prepared and is in process of approval. Tx is expected by the end of March, 2015.	DTL to update.
2.	220/66kV, 100MVA Tx	42	An indent is being placed for 220/66/33kV 100MVA Tx as hot reserve.	DTL to update.
3.	220/33kV, 100MVA Tx,	33		

### 2.4 Long/Recent outage of Elements in Delhi power system as on 11.02.2015 at 08:00 Hrs.

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

S. No.	Element's Name	DISCOM/D TL	Date and Time of outage	Remarks/ Status as on 11.02.2015
1	33kV BAY -3 (IP – Kilokri)	BRPL	22.02.11	Clearance from Railways for laying of Underground cables near Bhairon Road is pending. DTL informed that railways has issued the order for carrying maintenance work along railway lines without any charges and advised BRPL to take up with railways for revival of circuit.
2	66kV Vasant Kunj – Ridge Valley Ckt.-II ('Y' Ph. Cable)	BRPL	13.01.14	Contract is to be awarded for laying new cable.
3.	33kV Okhla (220kV) – Alaknanda CKT.-I	BRPL	17.09.13	Material Inspection is being carried out. Expected by end of January, 2015
4.	33kV BAY-5 (IP – Lajpat Nagar) along with 33KV ½ BUS at Lajpat Nagar.	BRPL	01.03.14	Material Inspection is being carried out. Expected by end of January, 2015
5.	33kV Kilokri – Jamia CKT. ('R' & 'B' Ph. Cable)	BRPL	15.03.14	Road cutting permission is awaited. Expected by 31.01.15
6.	33kV VSNL – Nehru Place Ckt. (single cable)	BRPL	02.07.14	Traffic Police Permission awaited. Expected by 31.01.15
7.	66kV MUNDKA(400kV)- NANGLOICKT. (PUT OFF)	BRPL	11.11.14	PUT OFF DUE TO FREQUENT CABLE FAULTS

8.	33/11KV 16MVA PR. TR.-III AT ALAKNANDA	BRPL	31.12.14	BREAKER DAMAGED. EXPECTED BY FEBRUARY 2015.
9.	33kV PASCHIM VIHAR CKT-II AT MUKHERJEE PARK	BRPL	30.12.14	BREAKER PUT OFF FOR MAINTENACE AT MUKHERJEE PARK.
10.	30MVA PR.TR.-II AT VASANT KUNJ `B' BLOCK	BRPL	11.01.15	SHUT DOWN FOR MAINTENANCE WORK.
11.	33kV VASANT KUNJ B BLOCK - LEVER INST CKT-II	BRPL	11.01.15	CABLE FAULTY.
12.	33kV NIZAMUDDIN - EXHIBITION GROUND -I	BRPL	20.01.15	CKT. PUT OFF
13.	66kV NAJAFGARH - G-5 PAPPANKALAN CKT-I	BRPL	28.01.15	PLANNED SHUT-DOWN FOR MAINTENANCE WORK
14.	66kV PPK -I BODELLA -I CKT.	BRPL	01.02.15	'R'PH. & 'B' PH. CABLES FAULTY
15. 16.	33kV RIDGE VALLEY - KHEBAR LINE CKT.-I	BRPL	08.02.15	'Y'PH. CABLE AND BREAKER FAULTY (SINGLE CABLE)
17.	33kV RIDGE VALLEY - KHEBAR LINE CKT.-I&II	BRPL	09.02.15	UNDER SHUT DOWN
18.	66/33kV 50MVA PR. TR.-I at Gonda	BYPL	15.06.14	Being replaced with new transformer. Old one sent to Works for. Expected by the end of March, 2015.
19.	66kV PATPARGANJ(220kV) - GH-I CKT.-I&II(SHUT DOWN)	BYPL	27.11.14	Expected by 31.01.15
20.	33kV BHAGIRATHI - KARAWAL NAGAR CKT-I	BYPL	21.01.15	CABLE FAULTY (ONE CABLE)
21.	66kV GT - AKSHARDHAM CKT.	BYPL	03.01.15	CABLE FAULTY.
22.	33kV PARK STREET(220kV) - FAIZ ROAD CKT.-I	BYPL	20.01.15	'B'PH. SINGLE CABLE FAULTY
23.	33kV BHAGIRATHI - DWARKAPURI CKT.	BRPL	08.02.15	SINGLE CABLE FAULTY
24.	33kV SUBZI MANDI(220kV) - SHAHZADA BAGH CKT.-I 2ND CABLE	TPDDL	06.02.15	RECENT
25.	66kV PPK(220kV) - REWARILINE CKT.-II	TPDDL	10.02.15	'R' & 'Y'PHASE CABLE FAULTY
26.	33kV SCHOOL LANE - VIDYUT BHAWAN CKT.	NDMC	14.12.14	REPLACEMENT WORK IS UNDER PROGRESS AT 66KV SCHOOL LANE S/STN. EXPECTED BY MARCH 2015 END
27.	66kV DMRC CKT.-II AT 220kV PPK-I	DMRC	17.05.13	CABLE DAMAGED DUE TO FIRE. CIVIL WORK FOR NALA CROSSING IN PROGRESS. EXPECTED BY END OF FEB.2015.
28.	220kV MAHARANI BAGH - TRAUMA CENTRE CKT-I	DTL	19.12.14	Cable tripped and fault is being located.

## 2.5 Shifting of Control Room at 220kV Indra Prastha Substation.

The control room of 220 and 33kV switchyard at Indraprastha substation was to be shifted from the old building of IP Power Station after its closure. During the OCC meeting held on dt. 20.10.14, GM (O&M)-II, DTL informed that a committee had been formulated regarding setting up of Control Room at I.P. Substation. DISCOMs requested that the construction and strengthening of boundary wall at I.P. Station should be considered on priority to avoid theft to some extent and safety of assets and maintaining continuity of supply.

During OCC meeting dt. 13.01.15, DTL informed that the estimate for the same has been prepared and is under process of approval. Setting up of control room is expected by the end of December, 2015.

DTL to appraise the latest status.

## **2.6 Inspection of first switching substations for 11kV feeders emanating from 220kV S/S Najafgarh.**

During the meeting dt. 20.10.14, OCC advised DTL and BRPL to inspect the first switching substations for the feeders emanating from 220kV Najafgarh, Pappankalan-I and Pappankalan-II substations so the tripping at 220KV substations are avoided.

The following members were nominated for carrying the said inspection:

1. Sh. Ram Kumar – Manager (T) 220kV O&M-III, DTL.
2. Sh. Bharat Lal Gujar, Manager(T) Protection-I, DTL
3. A representative from protection department of BRPL.

OCC advised DTL and BRPL to carry out the inspection at the earliest.

BRPL and DTL to update.

## **2.7 Status of 220kV Peeragarhi substation**

During last OCC meeting, DTL informed that the testing of 220kV Switchgear was in progress and M/S TBEA had to lay the 220KV cables in section. DTL also informed that the work of 24 joints and 12 terminations as part of laying the cable is in progress. DTL informed that efforts are on to pursue the contractor to complete the work as early as possible.

DTL to update the latest status.

## **2.8 Back-feeding arrangement of 11kV feeders at 220kV S/Stn. Sarita Vihar.**

During the OCC meeting dt. 13.01.15, DTL informed that the following 4 nos. feeders emanating from 220kV Sarita Vihar S/Stn. does not have any provision for back feeding and BRPL could not arrange for the same as such shutdowns for preventive maintenance of 11kV equipment are often refused by SLDC system Operation:

- Saurabh Vihar-I
- Saurabh Vihar-II
- Aali Village
- Jaitpur

BRPL informed that they shall look into the issue and take necessary action.

BRPL to update the status.

### **2.9 Leakage from 33kV feeder at 220kV Trauma Centre S/S.**

DTL informed that there has been a leakage of SF6 gas from 33kV out-going feeder i.e. Rajeev Gandhi Bhawan at 220KV S/Stn Trauma Centre and is out of service from past eight months. As per the OEM i.e. Schneider Electric (Formerly Areva), the leakage was mainly due to the improper termination/connecting of 33KV cable in GIS.

DTL and NDMC to deliberate.

### **2.10 Status of additional allocated bay at 220KV Pappankalan-I S/Stn. for 66KV Bodela-1 grid**

DTL informed that one additional allocated bay for Bodela 1 grid at 220 kV Pappankalan –I S/Stn. is ready. BRPL informed that Commercial Agreement has been done.

During the OCC meeting dt, 13.01.15, BRPL informed that the same is not yet completed due to some issue in cable route and the work is expected to be completed by 15<sup>th</sup> February, 2015.

BRPL to update the latest status.

## **3.0 Proposed Shutdowns**

### **3.1 Proposed shutdown on various 220kV Lines**

DTL proposed the following shutdowns on various 220kV Lines for carrying out several maintenance activities:

<b>S. No.</b>	<b>Proposed Date &amp; time of S/D</b>	<b>Name of the feeder / equipment</b>	<b>Work to be carried out</b>
1	12.02.15 (10:00Hrs to 17:00Hrs.)	220kV Pragati-I.P. Ckt.-II	Replacement of Middle Phase conductor from T .No.09 to Gantry
2	14.02.15 (10:00Hrs to 17:00Hrs.)	220kV M. Bagh- Lodhi Road Ckt-II	Tightening of Jumpers at railway and road crossing
3	18.02.15 (10:00Hrs to 17:00Hrs.)	220kV BTPS-Sarita Vihar Ckt-II	Replacement of dead end fitting (middle phase) at tower no.12
4	23.02.15 (10:00Hrs to 17:00Hrs.)	220kV BTPS-Mehrauli Ckt-I	Repairing of Jumper at T.No.3,4 and 14
5	24.02.15 (10:00Hrs to 17:00Hrs.)	220kV BTPS-Mehrauli Ckt-II	Repairing of Jumper at T.No.12,14 and 15

Members may deliberate.

### **3.2 Proposed shutdown at 220kV Okhla Substation**

DTL proposed the following shutdowns at 220kV Okhla Substation:

S. No.	Proposed Date & time of S/D	Name of the feeder / equipment	Work to be carried out	Remarks
1	16.02.2015 (09:30Hrs to 17:30 Hrs.)	100 MVA Tx.V along with 220 KV Bus-II and 100 MVA Tx. III	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A	Load to be taken on 100 MVA Tx.IV
2	17.02.2015 (09:30Hrs to 17:30 Hrs.)	100 MVA Tx. III along with 220 KV Bus-II	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A	Load to be taken on 100 MVA Tx. IV & V
3	18.02.2015 (09:30Hrs to 17:30 Hrs.)	100 MVA Tx. II along with 220 KV Bus-II and 100 MVA Tx. III	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A	Load to be taken on 100 MVA Tx. IV
4	19.02.2015 (09:30Hrs to 17:30 Hrs.)	220 KV Bus coupler along with 220 KV Bus-II	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A	Load to be taken on 220 KV Bus-I
5	20.02.2015 (09:30Hrs to 17:30 Hrs.)	220 KV BTPS Ckt. I along with 220 KV Bus-I	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A	Load to be taken on 220 KV BTPS Ckt.II
6	21.02.2015 (09:30Hrs to 17:30 Hrs.)	33 KV Okhla Ckt-I	Replacement of 33 KV outlived MOCB with SF6 Breaker	Load to be taken on 33 KV Okhla Ckt-II
7	22.02.2015 (09:30Hrs to 17:30 Hrs.)	220 KV BTPS Ckt. II along with 220 KV Bus-I	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A and replacement of B ph CVT	Load to be taken on 220 KV BTPS Ckt.I
8.	18.02.2015 (0930 hrs) to 21.02.2015 (1700 hrs)	100 MVA 220/66 KV Trf NO.II	For internal inspection of Trf and filtration by M/s Aditya Vidyut Appliances due to development of High temp noticed during the recent test of DGA carried out by M/s CPRI.	--

Members may deliberate.

### 3.3 Proposed shutdown by DMRC

DMRC proposed the following shutdown on 220kV Line of BBMB for Raising the height of the said line infringing DMRC Corridor near Britannia Fly Over of Mukundpur-Shiv Vihar Corridor of Delhi MRTS Phase-III:

S. No.	Proposed Date & time of S/D	Name of the feeder / equipment	Work to be carried out
1	14.02.2015 to 18.02.2015 (daily from 09:00Hrs to 18:00 hrs)	220kV Narela-Rohtak Road Ckt -II	Raising the height of 220kV Narela-Rohtak Road D/C Line
2	25.02.2015 to 01.03.2015 on continuous basis (from 09:00Hrs to 18:00 hrs)	220kV Narela-Rohtak Road double Ckt	

Members may deliberate.

### 4.0 Any Additional agenda points with the permission of the Chair.

### 5.0 Date and time of next OCC meeting.