

DELHI TRANSCO LIMITED

(Regd. Office: Shakti Sadan, Kotla Road, New Delhi-110002)

AGENDA FOR DELHI OCC MEETING NO. 4/2023-24

Date : **25.07.2023**
Time : **11:00 AM**
Venue : In O/o-GM(O&M)-I, Delhi Transco Ltd.,
220 KV Sub-Stn Park Street Building,
New Delhi-110001

1. Confirmation of minutes of 3rd Delhi OCC meeting (2022-23) held on dated 22.06.2023.

The 3rd Delhi OCC meeting (2022-23) was held on 22.06.2023 physically in the O/o GM(T)O&M-I in accordance with the agenda circulated vide letter dt: 19.06.2023. Minutes of the OCC meeting were issued on 23.06.2023 and was uploaded on DTL website (http://dtl.gov.in/Content/359_1_OCC-Meeting2023.aspx).

DTL Agenda:-

2. Proposed planned shutdowns for the month of August-2023.

Proposed planned shutdowns for the month of August-2023 (Annexure-I).

(OCC may deliberate)

3. Tripping analysis of both 160 MVA Power Transformers on 02.07.2023 at 220 KV S/S Pragati.

Both the power transformer were tripped on 02.07.2023 at 13:23 Hrs on following relays and indications

1. 160 MVA transformer no. 1 was tripped on Differential, HV REF, master trip (86), LBB, and inter tripping from GTPS.

2. 160 MVA transformer no. 2 tripped on master trip (86), 96T and Inter tripping from GTPS.

After physical inspection of both transformers it is observed that C phase of HV side of O/H line of transformer no. 1 came into contact with one tree branch located at GTPS scrap yard, due to that the transformer was tripped on differential and REF (HV).

It could not be found out, why CB of 66 KV incomer no. 1 could not be tripped at GTPS end on 02.07.2023 at the time of differential which needs to be analyzed at GTPS (IPGCL) end to provide detailed reports in Delhi OCC.

(OCC may deliberate)

PPCL Agenda:-

4. Trippings due to grid disturbance

This is to inform you that due to grid disturbance on 17/05/2023 and 01/06/2023 , the machines of PPS-I tripped as the 220 KV Bus became dead due to tripping of multiple lines of Delhi Transco Ltd . On dated 17/05/2023 , load on GT # 2 was 97 MW and on STG was 51 MW while on 01/06/2023 , load on GT # 1 was 102 MW and load on STG was 53 MW.

Such types of repeated trippings is a matter of concern as this is not only resulting in loss of generation & but also frequent start stops of machines which is detrimental to the health of machines . This is also resulting in financial loss to the PPS-I.

In view of above , it is requested to take necessary action to avoid such types of trippings in future . The matter was deliberated in OCC meeting , the deliberation is as under :

OCC Deliberation : - OCC requested PPCL to share relay indications and tripping related data to DTL /Protection team and further analyze the reason of tripping With DTL /Protection

Accordingly , as desired , the details of relays appeared during said tripping of machines are as under :

Details of relays appeared on machines

Dt 17/5/2023

The following relays appeared on GT -2 & STG

Relays on GT-2 : 186D2, 286D2, 50GDMX, 30A34, 27GTX, 30A35, 30A37, 60VT5

Relays on STG : 186A2, 286A2, 81G1X, 60VT2, 99GX, 30A13, 286B, 30A14

Dt 01/6/2023

Relay on STG : 286 B , 286D2,186A2, 30A14, 30A13, 81GIX, 99GX, 60VT2

(OCC may deliberate)

4. Long/recent Outage/breakdown of elements in Delhi power system.

Members may update the latest status of following Long/Recent Outage/Breakdowns of elements in the Delhi Power system as under:

S. no.	Element's Name	Utility	Date of outage	Date of Restoration	Status of outage
1	33KV OKHLA TO EAST OF KAILASH	BRPL	03-06-23		Y Phase Single Cable faulty
2	66KV PPK-2 TO G-5 MATIALA CKT-1	BRPL	17-06-23		B Phase Cable faulty
3	33KV MUNDKA TO NANGLOI CKT-	BRPL	19-06-23		Y Phase Cable faulty
4	66KV PARK STREET TO MOTIA KHAN CKT-1	BYPL	10-04-23		All Phase Single Cable faulty
5	33KV GEETA COLONY TO SHAKARPUR CKT	BYPL	16-06-23		Y & B Phase Both Cable faulty
6	33KV TO GHONDA TO SEELAMPUR CKT-2	BYPL	18-06-23		R Phase Single Cable faulty
7	33KV PATPARGANJ TO CBD CKT	BYPL	21-06-23		R Phase Single Cable faulty
8	66KV PARK STREET-DMRC CKT-I & II	DMRC	19-10-21		Shutdown of six months for grid shifting work at DMRC end
9	66KV GT CKT-2 VIDYUT BHAWAN	NDMC	18-05-23		B Phase faulty
10	220KV SUBZI MANDI:- 100MVA -I	DTL	04.01.23	30-06-23	TX UNDER B/D.
11	220KV HARSH VIHAR – PREET VIHAR CKT-I	DTL	20.01.23	15-07-23	ISSUE IN B PHASE CT.
12	220KV MAHARANI BAGH –MASJID MOTH CKT-II	DTL	29.01.23	31-07-23	CABLE CAUGHT FIRE.
13	220KV BAMNAULI-220KV DIAL CKT-II	DTL	31.01.23	31-07-23	CKT UNDER BREAKDOWN.
14	220KV LODHI ROAD:-33KV VIDYUT BHAWAN, JLN STADIUM FEEDERS	DTL	29.11.21	14-07-23	AFFECTED DUE TO FIRE IN 33KV GIS at LODHI ROAD.
15	220 KV SARITA VIHAR -20 MVA TRANSFORMER	DTL	01.08.22	31-07-23	DUE TO HIGH H2 GAS.

16	220KV/66KV, 100MVA TX-II PARK STREET	DTL	07-06-23		TX UNDER B/D.
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(OCC may deliberate)
