

DELHI TRANSCO LIMITED

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

AGENDA FOR DELHI OCC MEETING NO. 1/2023-24

Date : **25.04.2023**
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 12th Delhi OCC meeting (2022-23) held on dated 22.03.2023.

The 12th Delhi OCC meeting (2022-23) was held on 22.03.2023 physically in the O/o GM(T)O&M-I in accordance with the agenda circulated vide letter dt: 16.03.2023. Minutes of the OCC meeting were issued on 27.03.2023 and was uploaded on DTL website (http://dtl.gov.in/content/344_1_OCC-Meeting2021.aspx).

DTL Agenda:-

2. Proposed planned shutdowns of DTL for the month of May-2023.

DTL proposed planned shutdowns for the month of May-2023 (Annexure-I).

(OCC may deliberate)

NDMC Agenda:-

3. For providing 33KV GIS Panel required for energisation of existing NDMC Feeder from DTL Grid 33KV to ESS Vidyut Bhawan

For providing 33KV GIS Panel required for energisation of existing NDMC Feeder from DTL Grid 33KV to ESS Vidyut Bhawan. Since the said feed is under long outage due to fire broken out on 30th Nov 2021.

The matter has been discussed in various previous OCC Meetings that this feed shall be provided to NDMC as per their recommendation for execution of work outside the panel room with the approved specification of DTL Planning Division including fabrication of H-Pole similar to the work executive by BRPL for their outgoing feeds.

NDMC has been awarded work order to the firm M/s. Spark Utility Services Pvt Ltd. for execution of work on the approved Technical specification received from Mr. Rajesh Arora, Planning Division, DTL. The work for fabrication of M.S. Channel H-Pole has been started at site and the other relevant Electrical material are also available for completion of work pertains to NDMC and the work is in progress.

In view above DTL is requested to provide New 33KV GIS Panel for energisation of existing NDMC Feeder from DTL Grid 33KV to ESS Vidyut Bhawan, as required to feed the VVIP area including the E.D. Office at Vidyut Bhawan.

(OCC may deliberate)

PPCL Agenda:-

4. Operation of Half Module(Aprox 150 MW) on fortnightly basis for at least 24 hrs to ensure availability & reliability of Gas Turbine & Steam Turbine Generator

In order to ensure availability and reliability of Gas Turbine & Steam Turbine Generator, DISCOMs is requested to allow half module (Aprox 150 MW) on fortnightly basis for at least 24 hrs.

5. Scheduling of PPS-1 to avoid take or pay charges on RLNG gas

After running of half module at GTPS, total RLNG quantity of 0.55 mmscm per day is available at PPS-1 as per long term RLNG contract with GAIL. The annual quantity comes to 200.75 MMSCM and as per 90% of take or pay clause of Agreement with M/s GAIL, total 180.68 MMSCM of RLNG quantity is to be consumed on annual basis to avoid any take or pay charges.

In view of the above, following option may be considered / adopted to consume above quantity of RLNG gas to avoid any take or pay.

1. PPS-1 may run 240 days on half module (150MW) in a year OR
2. PPS-1 may run 92 days (May, June & July,) with 265 MW and 70 days with half module (150MW). OR
3. Approx 120 days at full load (300 MW)

In this regard, a meeting has been called by GM(T) SLDC on 12/04/2023 for final comments, the outcome shall be intimated after obtaining final comments.

6. Allowing Testing of STG to resolve problem of High Vibration

STG of PPS-1 was successfully tested after changing of steam turbine blades during the overhauling in last month, however, BHEL is on the job for 4-5 days to resolve the problem of high vibration of Steam turbine Generator (STG) and after completion of work, PPS-1 will require again full load scheduling of 24 hrs with some start/stop for balancing of the turbine. The same may be allowed with UI suspension please. The date of testing shall be communicated to SLDC in consultation with BHEL. This agenda already discussed in earlier OCC meetings.

(OCC may deliberate)

DTL Agenda:-

7. Un reliability (N-1) criteria of 66kV feeder of DMRC and TPDDL at Existing 220/66/33kV Gopalpur

OCC requested to take up the matter with DMRC for shifting of 66kV Feeder from existing 66kV AIS to newly commissioned 66kV at Gopalpur S/stn and put up in the upcoming OCC meeting schedule in the month of April, 2023

DTL's 160 MVA transformer has already been connected to 66kV GIS and disconnected from 66kV AIS. DTL commissioned the 66kV GIS on 30.03.2023 at existing 220/66/33kV AIS S/Stn Gopalpur S/Stn. TPDDL has already constructed H-Poles for their feeders and shifted their cables from 66kV AIS & successfully terminated their outgoing 04Nos feeder circuits in DTL's 66kV GIS at Gopalpur S/stn. Presently, 66kV GIS having only single 66kV source incomer from 160MVA Transformer for TPDDL's 04 Nos. outgoing feeders. Since, there is a delay in laying of 1000sqmm 66kV Cable to 66kV GIS and construction of H-Pole by DMRC, the DMRC feeder is connected to 66kV AIS being fed from single incomer from 100MVA transformer. Thus all the outgoing 66kV circuits from Gopalpur (4 nos. of TPDDL, 1 no. of DMRC) are running without any reliability (N-1).

To overcome the reliability issue, DTL intends to connect their 2nd 66kV in-comer from existing 100MVA Transformer,(which is currently feeding only to DMRC) to newly commissioned 66kV GIS on urgent basis.

Further, DTL's letter No.F.DTL/202/Oprs.plg/Manager(Planning)SSLM/2022-23/F-1/116 dated 10.01.2023 regarding the location for construction of H-pole for DMRC feeders cables at Gopalpur S/Stn. Almost 2.5 months were gone, however, it is very surprising that DMRC has still not started the construction work of H-Pole/laying of cable at Gopalpur S/stn site.

In view of above, for evacuation of power with enhanced reliability to both TPDDL and DMRC

It is requested OCC to take up the matter with DMRC to construct the at H-Pole on priority so that one no. DMRC feeder, which is presently connected with 66kV AIS on a 100MVA transformer, is shifted to DTL's 66kV GIS at Gopalpur S/Stn.

(OCC may deliberate)

TPDDL Agenda:-

8. In the up-coming summer TPDDL may face highly load constraint due to unavailability of 100 MVA transformer at Sabji mandi grid.

TPDDL requested OCC to find the cause of delay and give suitable instruction to DTL for availability of 100 MVA transformer before peak summer 2023.

9. At 220 kV Gopalpur grid, DTL successfully charged new GIS panels and 160 MVA transformer shifted on it, but the 100 MVA transformer is still pending. Without this N-1 is compromised, Pls arrange to charge this transformer on newly charged GIS bus and share the final date.

(OCC may deliberate)

BRPLAgenda: -

10. Energy recording issues of meter installed at NDMC stations.

Energy Meters are installed at NDMC stations 33KV Kidwai Nagar and 33KV AIIMS, 33kV AIIMS meter did not record energy in month of June, August and September 2022. Issue identified by BRPL team and informed to DTL/SLDC,

Energy drawn by 33kV AIIMS station was computed based on audit meters installed at source end of BRPL and DTL meter at 33kV Kidwai Nagar, accordingly MU's are calculated and forwarded to NDMC for validation.

From last six months BRPL is continuously pursuing for this but no response from NDMC end in spite of several reminders and telephonic enquiries. Matter has been escalated several times to ShBrijeshkumar(Sr Manager(T)) also.

Impact of energy gap is computed as below,

Impact of energy deviation at NDMC end on BRPL						
Month	Amount calculated without energy deviation at NDMC end (Rs.)		Amount calculated considering energy deviation at NDMC end (Rs.)		Difference	
	Additional Deviation charges amount	UI amount	Additional Deviation charges amount	UI amount	Additional Deviation charges amount	UI amount
Jun-22	13686637	6841992	13176454	2579023	510183	4262969
Aug-22	7831689	-29809871	7497227	-35013949	334462	5204077
Sep-22	2380265	-30645326	2338794	-33127358	41471	2482032
Total	23898591	-53613206	23012476	-65562284	886115	11949079

OCC Deliberation in the last OCC Meeting: -BRPL apprised OCC that issue has been taken up with metering dept of NDMC and is at the advanced stage. OCC acknowledged the comments of BRPL and advised NDMC for full cooperation to resolve the issue without further delay. OCC advised NDMC to maintain functioning of Energy meter and ensure PT supply to energy meter during taking load on the feeder in future to avoid re-occurrences of such incidences.

According to BRPL, As per last OCC meeting, regarding agenda point No.3 (reproduced above) , OCC advised NDMC to cooperate to resolve the issue but no solution so far. NDMC is not supporting in any way.

(OCC may deliberate)

11. 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	Status of outage as on 11.04.2023
1.	66KV MUNDAKA TO NANGLOI CKT	BRPL	18.02.23	Y PHASE FAULTY
2.	66KV GH-1 TO GH-2 CKT-2	BYPL	05.04.23	Y PHASE CABLE FAULTY
3.	66KV GT-1-VIDYUT BHAWAN	NDMC	22.12.22	R PHASE FAULTY
4.	33KV IP BAY-6 TILAK MARG	NDMC	15.01.23	ALL PHASE FAULTY
5.	400KV TIKRI KALAN-400/220KV 315MVA ICT-III	DTL	05.09.22	TX UNDER BREAKDOWN.
6.	220KV PEERAGARHI-TIKRI KALAN CKT-I	DTL	05.09.22	CABLE UNDER B/D.
7.	220KV SUBZI MANDI:-100MVA -I	DTL	04.01.23	TX UNDER B/D.
8.	220KV HARSH VIHAR – PREET VIHAR CKT-I	DTL	20.01.23	ISSUE IN B PHASE CT.
9.	220KV MAHARANI BAGH – MASJID MOTH CKT-II	DTL	29.01.23	CABLE CAUGHT FIRE.
10.	220KV BAMNAULI-220KV DIAL CKT-II	DTL	31.01.23	CKT UNDER BREAKDOWN.
11.	220KV LODHI ROAD:-33KV VIDYUT BHAWAN, JLN STADIUM FEEDERS	DTL	29.11.21	AFFECTED DUE TO FIRE IN 33KV GIS at LODHI ROAD.
12.	220 KV SARITA VIHAR -20 MVA TRANSFORMER	DTL	01.08.22	DUE TO HIGH H2 GAS.

(OCC may deliberate)

Additional Agenda:-

SLDC Agenda

1. Submission of break up energy consumption by the state.

Submission of break up energy consumption by the state is a regular agenda of NRPC OCC meeting. All SLDCs were requested to provide the break up energy consumption by the state by segregating the same from the billed data from DISCOMs in the format as prescribed below.

Category	Consumption by Domestic load	Consumption by Commercial load	Consumption by Agricultural load	Consumption by Industrial load	Traction supply load	Miscellaneous /Others
Month						

It has been observed in the past that there is consistent delay in submission of the breakup of energy consumption by the Discoms.

S.NO	Discoms	Details Received till	Remarks
1.	NDMC	March-2022	NDMC details not received since last one year
2.	BYPL	Nov-2022	
3.	BRPL	Jan-2023	
4.	TPDDL	Feb-2023	
5.	MES	Dec-2022	

NDMC has not provided any information since April-22 .SLDC has been regularly requesting all Discoms including NDMC to provide the details.

It is once again requested to all the Discoms for timely submission of break up energy consumption so that same can be provided to NRPC .These details are also part of NCR-PSP Sub-committee.

OCC Deliberation:- OCC requested to all DISCOM to provide data timely as per required format to SLDC.

2. Revival of long outages and summer preparedness regarding.

With the increase in temperature, demand of Delhi is on increasing trend and touches to 5422 MW on 18.04.23. The anticipated peak demand for summer 2023 is 8100MW. In view of the load management in Delhi system and to meet the Delhi summer peak demand, the availability of all the 400/220/66/ 33/11kV elements in the Delhi system is essential.

At present following 400kV & 220kV transmission elements are under long outages as hereunder:

Sr. No	Element	Outage from	Remarks
1	400/220kV 315MVA ICT-III at 400kV Mundka	05.09.2022	
2	220kV Harsh Vihar-Preet Vihar Ckt.-I	20.01.2023	
3	220kV Mundka-Peeragarhi Ckt.-I	05.09.2023	
4	220kV Bamnauli – DIAL Ckt. –II	31.01.2023	
5	220/33kV 100MVA Pr. Tr.-I At Subzi Mandi	04.01.2023	

In view of above, the revival of the elements is must for smooth operation and operation flexibility of Delhi power system and to meet the summer peak demand.

(OCC may deliberate)

TPDDL Agenda:

3. At 220 kV Park Street one transformer is not available. due to this TPDDL is not taking the load from Shastri Park.

(OCC may deliberate)
