



No. F.DTL/201/2023-24/DGM(OS)/F4/

Date:

To,  
**All Members of Operation Co-ordination Committee**

<b>DTL</b>	General Manager (O&M)-I, Chairman OCC General Manager (O&M)-II General Manager (P&M, DM&S) General Manager (Planning) DGM (O&M) - North, East, West, South DGM (M/P) DGM (Planning)
<b>SLDC</b>	ED (SLDC) DGM (SO)
<b>TPDDL</b>	HOD (PSC&AM) Sr. Manager (PSC)
<b>BRPL</b>	AVP (SO)
<b>BYPL</b>	AVP (SO)
<b>NDMC</b>	Superintending Engineer, E-1
<b>IPGCL</b>	AGM (T) Opr. GTPS
<b>PPCL</b>	AGM (T) Opr.PPS-I AGM (T) Opr. PPS-III
<b>MES</b>	AEE/M.SLDC Officer
<b>BBMB</b>	Sr. Executive Engineer, O&M
<b>DMRC</b>	Addl. GM (Elect.) Sr.DGM (Traction)

**Sub: Agenda for 2<sup>nd</sup> Delhi OCC Meeting (2023-24) to be held on 23.05.2023 (Tuesday) at 11:00 A.M.**

The 2<sup>nd</sup> Delhi OCC meeting (2023-24) is scheduled to be held on dt.- **23.05.2023, 11:00 A.M** in the office of GM(O&M-I), Delhi Transco Limited, 220kV Sub-Stn Park Street, Opp. Talkatora Stadium, near RML Hospital, New Delhi-110001.

Members are hereby requested to make it convenient to attend the meeting.

Thanking You.

Sincerely yours,

**Hitesh Kumar**  
DGM(T)OS, DTL

**DELHI TRANSCO LIMITED**

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

**AGENDA FOR DELHI OCC MEETING NO. 2/2023-24**

**Date** : **23.05.2023**  
**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 1<sup>st</sup> Delhi OCC meeting (2022-23) held on dated 25.04.2023.**

The 1<sup>st</sup> Delhi OCC meeting (2022-23) was held on 25.04.2023 physically in the O/o GM(T)O&M-I in accordance with the agenda circulated vide letter dt: 17.04.2023. Minutes of the OCC meeting were issued on 27.04.2023 and was uploaded on DTL website ([http://dtl.gov.in/Content/359\\_1\\_OCC-Meeting2023.aspx](http://dtl.gov.in/Content/359_1_OCC-Meeting2023.aspx)).

**DTL Agenda:-**

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

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

**(OCC may deliberate)**

**3. PPCL Agenda:-**

**3.1. Operation of Half Module(Approx 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, the running of station is very essential so that machines can be brought on bar within the minimum scheduled period to support the grid system whenever there is any requirement and to consume our minimum required allocated gas to avoid take or pay charges towards the gas, PPS-1 has already requested DISCOMs to allow running of half module (Approx 150 MW) on fortnightly basis for at least 24 hrs & accordingly provide suitable schedule.

In this regard, the matter was discussed in the OCC meeting held on 25.04.2023 and Chairman OCC has directed DISCOMs to provide suitable schedule so that PPS-1 may ensure reliability of Gas Turbines and Steam Turbine Generator but no schedule is provided till date.

In the meeting , it was also agreed that a ‘DAY’ such as Monday , Tuesday , etc shall be fixed for running the half module . In the meeting , NDMC official also consented for running of half module but DISCOM / SLDC has not provided any schedule nor OCC fixed the day for running half module to ensure availability and reliability of Gas Turbines and Steam Turbine Generators . This is also essential to avoid to some extent take or pay charges payable to GAIL .

In view of above , OCC Chairman is again requested to fix the day for running of Half module of Pragati Power Station -1 for at least 24 hrs to 48 hrs.

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

The matter already discussed in OCC meeting and also at SLDC office but Minutes of Meeting (MOM) is still awaited , OCC chairman is requested to issue direction to SLDC to release MOM immediately for further action . This has huge financial implications and DISCOMs should bear Take or Pay charges payable to M/s GAIL proportionately , if DISCOMs is not giving schedule due to long term agreement with GAIL with this clause .

To avoid TAKE OR PAY Charges , the following options may be considered to consume quantity of R-LNG

PPS-1 may run 240 days on half module (150MW ) in a year OR

PPS-1 may run 92 days (May, June& July, ) with 265 MW and 70 days with half module (150MW) . OR

Approx 120 days at full load (300 MW)

### 3.3. Allowing Testing of STG to resolve problem of High Vibration

STG of PPS-1 was successfully tested after replacing of steam turbine blades during the overhauling , since some pending work related to up gradation of Max DNA and vibration of STG at exciter end is yet to be got done by BHEL TEAM during third week of May 2023 and after that running of STG at full load testing shall be required for minimum 24-48 hours after completion of work. Therefore , same may be allowed with UI suspension. The date of testing shall be communicated to SLDC in consultation with BHEL .

## 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	Status of outage as on 15.05.2023
1	33KV MASJID MOTH TO SHIVALIK	BRPL	05-05-23	R, Y & B PHASE BOTH CABLE FAULTY
2	66KV GOYAL KHURD TO 220KV PPK-3	BRPL	25-04-23	R PHASE SINGLE CABLE FAULTY

3	66KV MDK TO NGL	BRPL	26-04-23	Y PHASE CABLE FAULTY
4	66KV PPK-2 TO HASTAL CKT-2	BRPL	04-05-23	R PHASE SINGLE CABLE FAULTY
5	66 KV PPK-1 TO HARI NAGAR CKT	BRPL	08-05-23	R & Y PHASE CABLE FAULTY
6	66KV PPK-2 G-5 MATIALA CKT-1	BRPL	09-05-23	R PHASE CABLE FAULTY
7	66KV PARK STREET TO MOTIA KHAN CKT-1	BYPL	10-04-23	ALL PHASE SINGLE CABLE FAULTY
8	66KV PPG TO GURU ANGAD NAGAR CKT-1	BYPL	08-05-23	Y PHASE FIRST CABLE & Y & B PHASE SECOND CABLE FAULTY
9	66KV VIVEK VIHAR TO PPG IND AREA CKT	BYPL	09-05-23	B PHASE CABLE FAULTY
10	33KV PARKSTREET-HANUMAN ROAD	NDMC	06-04-23	B PHASE FAULTY
11	400KV TIKRI KALAN-400/220KV 315MVA ICT-III	DTL	05.09.22	TX UNDER BREAKDOWN.
12	220KV PEERAGARHI-TIKRI KALAN CKT-I	DTL	05.09.22	CABLE UNDER B/D.
13	220KV SUBZI MANDI:- 100MVA -I	DTL	04.01.23	TX UNDER B/D.
14	220KV HARSH VIHAR – PREET VIHAR CKT-I	DTL	20.01.23	ISSUE IN B PHASE CT.
15	220KV MAHARANI BAGH –MASJID MOTH CKT-II	DTL	29.01.23	CABLE CAUGHT FIRE.

16	220KV BAMNAULI- 220KV DIAL CKT- II	DTL	31.01.23	CKT UNDER BREAKDOWN.
17	220KV LODHI ROAD:-33KV VIDYUT BHAWAN, JLN STADIUM FEEDERS	DTL	29.11.21	AFFECTED DUE TO FIRE IN 33KV GIS at LODHI ROAD.
18	220 KV SARITA VIHAR -20 MVA TRANSFORMER	DTL	01.08.22	DUE TO HIGH H2 GAS.

(OCC may deliberate)

### Additional On Table Agenda

#### 1. TPPDL Agenda:-

##### 1.1,

In the current summer TPDDL may face high load constraints due to the unavailability of a 100 MVA transformer at the Sabji mandi grid.

DTL arrange a new transformer at the Sabji Mandi grid and is in the process of commissioning.

TPDDL requested OCC to provide a tentative date for charging the transformer.

Bellow mention is the interruption of a single transformer available at Sabji mandi grid, 220 KV Subji Mandi grid 100 MVATr outage summary

220 KV SUBJI MANDI GRID 100 MVA PTR OUTAGE SUMMARY			
MONTH	PTR-1 Availability	PTR-2 Availability	REMARKS
Dec-22	66%	96.22%	PTR-1 Tripped on HV REF relay, diff. relay ON 21/12/2022 PTR-2 Tripped on HVCB ON 25/12 2022
Jan-23	UNDER BD	100%	PTR-1 Tripped on diff. relay ON 4/1/2023
Feb-23	UNDER BD	99.88%	S/D was taken to attend to air pressure leakage On 7/2/2023
Mar-23	UNDER BD	99.32	TRIPPED AT DEIFFRENTAIL ON 20/3/2023

May-23	UNDER BD	NA	S/D TAKEN TO ATTEND HOT SPOT OF PTR-2 ON 16 MAY 2023
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## 1.2.

An Outage of 220kV BWN – SMB was scheduled for 3 days from 13th May to 15th May. It was clearly discussed and NHAI agreed that all work including EI clearance will be completed within outage time. But only one circuit was cleared and taken into service.

Another circuit is still under outage which is creating load constraints at various grids in our TPDDL – 220kV Rohini, 220kV Shalimar Bagh, 220kV SGTN, and 220kV WZP.

Further, it is to inform you that one of the 220kV Mundka – Peeragarhi Ckt is already under breakdown, due to which there are load constraints at 220kV Peeragarhi Grid and 220kV Wazirpur Grid.

Considering the stated facts, there is the possibility of supply disruption to our valuable customer base due to subject delay. OCC requested to do needful.

## 2. SLDC Agenda:-

### 2.1. AUTOMATED DEMAND MANAGEMENT SYSTEM

ADMS is a regular agenda of NRPC OCC and the status of ADMS implementation in NR, which is mandated in clause 5.4.2 (d) of IEGC by SLDC/SEB/DISCOMs.

ADMS status in Delhi control area was discussed in 64 NRPC meeting held on 24.03.2023. During meeting NRLDC representative inquired about the operation of ADMS in their state and why some manual intervention was needed. DTL representative explained that in the case where Delhi as a whole was under drawing and one DISCOM was overdrawing, a fully automatic ADMS would shed the load of that DISCOM, leading Delhi as a whole to under draw more from the grid.

However, MS NRPC stressed that ADMS should be fully automatic, and the NRLDC representative suggested adding a logic to the ADMS that could sense the overall drawl of Delhi before its operation to ensure certainty of action.

TPDDL representative reported that ADMS was fully implemented at their end but faced challenges due to poor communication infrastructure during outages. They were unable to revive 100% of the load shed through ADMS when system conditions improved, leading to manual intervention, commercial losses, and marking the outage as under breakdown. NRLDC representative and MS NRPC urged them to find a solution to improve ADMS and make it automatic.” Delhi may implement the ADMS as suggested by the forum in 64th NRPC meeting on priority.

In 207<sup>th</sup> OCC Meeting of NRPC held on 19.05.2023, Member Secretary, NRPC inquired regarding progress of fully implementation of ADMS and stressed upon aforesaid implementation at the earliest.

Discom may update the progress and provide timeline for intimation to NRPC.

## **2.2. CONTINUATION OF TEMPORARY ARRANGEMENT OF 220KV D/C MAHARANI BAGH -PRAGATI.**

To facilitate the shutdown of 220KV S/Stn Sarita Vihar-Pragati and 220 KV S/Stn Sarita Vihar -Maharani Bagh Ckts for the work of shifting/modification/height raising work of DTL lines on a section at DND loop, near Kalindi Colony on Ashram flyover extension. A temporary arrangement was proposed and agreed in Delhi OCC that the jumpers at Tower No. 12 towards Sarita Vihar at LILO point shall be disconnected and D/C Maharani Bagh to Pragati shall be energized by making new connection between Tower No 11 & 12.

At present 220kV Harsh Vihar – Preet Vihar ckt. –I and 220kV Wazirabad – Geeta Colony Ckt. –I are under breakdown. In order to meet the load demand of East and Central Delhi areas continuation of temporary arrangement of 220kV D/C Maharani Bagh – Pragati Ckt shall give the option to draw more power to Pragati S/Stn. from Maharani Bagh to meet the summer peak demand efficiently.  
OCC May deliberate.

## **2.3. 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						

BYPL, BRPL, TPDDL & MES have submitted details up to the month of Feb 2023 In spite of repeated request NDMC has not submitted details after March 2022. Matter was discussed in 12<sup>th</sup> OCC Meeting held on 22.03.2023. During meeting NDMC representative has assured in the meeting that they would provide the details to SLDC.

All discoms are requested to provide the details up to April 2023 on time for onward submission to NRPC to avoid awkward situation in NRPC OCC Meeting.

## **3. DTL Agenda: -**

**Agenda for diversion of 11kV Load from Lodhi Road Stn.**

The Revival/replacement of 33kV GIS Panel /Bays are being carried out in phase manner against Okhla Project by Ms/ Schnieder Electric. In first phase, 11Nos. of bays have been commissioned (06 nos. O/G feeders, 02 Nos. ICT, 02 Nos. DTR, 01 Nos. Bus Coupler) and Load to be shifted shortly from old GIS Panels to New commissioned GIS Panels. After nd phase work under progress and completed by mid of July-23.

Due to above, 11kV load shall be managed with only 02 Nos. of 33/11kV Transformer (20MVA & 16 MVA) from Lodhi Road stn since only 02 Nos. of 33/11kV Transformer (20MVA & 16 MVA) are under shutdown due to non-availability of 33kv GIS Bays. The said 33/11kv transformer are outlived and running on overload which leading to high winding temperature.

In view of above, BSES&NDMC have to divert /shift the 11kV load on alternative source for reducing overloading on the Transformers at 220kV Lodhi Road stn otherwise tripping of any of above Transformer lead to long outage of all 11kV feeders. Details of feeders are as under:

20MVA Panels board	SCOPE BUILDING -17 + TELEPHONE EXCHANGE(BSES)
	N.B.C.C. (BSES)
	SCOPE BUILDING -15(BSES)
	DEFENCE CLY(BSES)
	M.S.O.- I (BSES)
	CABINET SECCT. (BSES)
	INSTITUTIONAL AREA(BSES)
	SHAN NAGAR -1(NDMC)
	CABINET SECCT 5A(BSES)
	UNIDO S/S(BSES)
16MVA panels board	SEWAGE PUMPING STN(BSES)
	DEFENCE COLONY FLYOVER (BSES)
	DOE NO. II(BSES)
	SHAN NAGAR II(NDMC)
	LODHI COLONY COMPL. CENTER (BSES)
	DOE NO. I(BSES)
	SCOPE BUILDING NO. 16(bses)
	NBCC EAST BLOCK (BSES)
	MSO NO. II (BSES)
	TELEPHONE EXCHANGE(BSES)

The matter may be deliberated in the coming OCC meeting diversion of 11kV Load to avoid overloading on 33/11kV Transformers till revival of 2<sup>nd</sup> phase GIS and 20/16MVA Transformer at Lodhi Road Stn.

PEAK LOAD DETAILS OF 11KV INCOMMER AT 220KV LODHI ROAD

Date	PEAK LOAD	
	11KV I/C-II	11KV I/C-IV
15/5/2023	630A 14 Hrs	600A 11 Hrs
16/5/2023	540A 15Hrs	600A 11Hrs
17/5/2023	510A 10Hrs	600A 15Hrs
18/5/2023	540A 15Hrs	600A 16Hrs
19/5/2023	510A 15Hrs	600A 16Hrs
20/5/2023	390A 12Hrs	300A 12Hrs
21/5/2023	360A 21Hrs	270A 23Hrs

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