



**DELHI TRANSCO LIMITED**  
(A Govt. of NCT of Delhi Undertaking)  
An ISO 9001:2015 certified company  
Office of Mgr. (T) OS-II  
IInd Floor, ERP centre, SLDC Minto Road,  
New Delhi-110002  
Website:-www.dtl.gov.in

No. F.DTL/2019-20/Mgr.(OS)-II/24

Date:24.09.2019

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 (Plg.)	
<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	
<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.)	
<b>GMR(DIAL)</b>	GM(DIAL)	Special Invitee
<b>N. Railways</b>	Sr. DEE (TRD)	Special Invitee

**Sub: Agenda for 6<sup>th</sup> Delhi OCC Meeting (2019-20) to be held on 27.09.2019 (Friday) at 2:30 P.M.**

Dear sir/madam,

The 6<sup>th</sup> Delhi OCC meeting (2019-20) is scheduled to be held on dt.- **27.09.2019 (Friday), 2:30 P.M.** in the office of **GM(O&M)-II, Delhi Transco Ltd., 220kV Sub-Stn Park Street, Opp. Talkatora Stadium, Near R.M.L. Hospital, New Delhi-110001**

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

Thanking You.

Yours Sincerely,

sd/-  
**(Dr. Rajesh Kumar Arora)**  
Mgr.(T)- OS,DTL

**DELHI TRANSCO LIMITED**

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

**AGENDA FOR DELHI OCC MEETING NO. 06/2019-20**

**Date** : **27.09.2019**  
**Time** : **2:30 PM**  
**Venue** : **O/o-GM(O&M)-II, Delhi Transco Ltd.,  
220 kV Sub-Stn Park Street,  
Opp. Talkatora Stadium, Near R.M.L. Hospital,  
New Delhi-110001**

**1. Confirmation of minutes of 5<sup>th</sup> Delhi OCC meeting (2019-20) held on dated 28.08.2019.**

The 5<sup>th</sup> Delhi OCC meeting (2019-20) was held on 28.08.2019 in accordance with the agenda circulated vide letter dt: 26.08.2019. Minutes of the aforesaid OCC meeting were issued and the same was also uploaded on DTL website.

Following comments were received against minutes of 5<sup>th</sup> Delhi OCC meeting:-

**(a) Agenda by TPDDL, no 4.1: Load Reduction at Rewari Line Grid**

In this summer season, Sagarpur CKT, which is usually used as Incomer for 66 kV Rewari line Sub Station, changed to outgoing feeder from Rewari line to draw the load from 220 kV Pappan Kalan-I. Mayapuri CKT, which remains at No Load, is now drawing load from Rewari Line Grid. TPDDL has single source at Naraina as the second source going to 33 kv PAYAL TPDDL extracts all the available power leave no power to feed LILO section (33 kv Rewari line – Naraina ckt has been LILOed at PAYAL) to Rewari Line. It was informed further that it can not be utilized as incomer (PAYAL – RIWARI LINE) due to frequent tripping.

Considering above, TPDDL expressed that they would not be in a position to provide the load to BRPL's Vishal, Mayapuri & Sagarpur Grid Feeders from Rewari Line grid.

As such BRPL was requested to ensure that load was removed from there before that. TPDDL also requested for updated Status of A-43 Grid. TPDDL requested that 66 kV Sagar pur- Riwari Line ckt be kept closed at Sagar pur end so that this can be used as incomer as and when required.

**As per MOM:-** BRPL informed that after ongoing summer season they would not draw any load from Rewari line (TPDDL). After deliberation OCC advised BRPL to keep its Circuit breaker (CB) closed at Sagarpur end.

**BRPL Comment:-** BRPL is already disagreed to this in recent OCC meeting held in Aug 2019 and OCC also suggested both DISCOMS to come with details like SLD and power flow etc in next OCC.

**(b) Agenda by TPDDL, no 4.2: Meeting with SLDC**

It has been decided that every month a meeting would be scheduled to resolve internal challenges and issues of DISCOMS. It is informed that such meetings have not been held. TPDDL requested OCC to intervene.

***As per MOM:-OCC advised to SLDC to conduct a monthly meeting under chairmanship of DGM(SO) with all Discom members to resolve system operation & energy accounting related issues. This meeting may be held before monthly OCC meeting. The unresolved/ disputed points after this meeting can be raised in OCC meeting.***

***SLDC Comment:- It has been decided that the issues shall be discussed with concerned division of SLDC by Discoms and still same dispute are there than the meeting shall be convened in SLDC with the Discoms to resolve the disputes.***

**Members may like to confirm the same.**

## **2. DTL AGENDA:**

### **2.1 Removal / shifting of live 11kV Power Cables by M/s BRPL for construction of upcoming 66kV Bay no- 19 at 220kV Mehrauli Substation.**

At present work of ETC of 05 nos 66kV bays is in progress at 220kV Substation Mehrauli. Out of 05 nos bays 04 nos 66 Bays has been already erected and likely to be commissioned shortly. However civil work hasn't been started for 01 no 66kV bay due to non-shifting/ removal of live 11kV Power Cables by M/s BRPL, which were found in the foundation construction area of various 66kV bay equipments of bay no-19 in existing 66kV switchyard. For removal/ shifting of power cable, several visits were made by the BRPL representatives but till date power cable hasn't been shifted / removed from that area due to which DTL is not able to start civil foundation work for the 66kV bay no-19. This bay is to be constructed for BRPL.

**(BRPL & DTL may deliberate)**

### **2.2 Proposed planned shutdowns of O&M, DTL for the month of October 2019.**

DTL O&M deptt. has proposed the planned shutdowns for the month of October-2019.

**(OCC may deliberate)**

## **3. SLDC Agenda**

### **3.1 Annual outage plan for transmission elements in Northern Region for 2020-21.**

Section 5(1) of CEA (Grid Standards) Regulation 2010 and the clause (c) of section 5.7.1 of Indian Electricity Grid Code (IEGG) stipulates for advance preparation of annual outage plan for the grid elements by the concerned RPC Secretariat.

In accordance with the above provisions, all State/Central Transmission utilities/ licensees related to Northern Region are requested to submit their annual outage plan of transmission elements in the enclosed format (Annexure-I) for the FY 2020-21 to NRPC Secretariat.

SLDCs are requested to co-ordinate with State Transmission Utilities I Licensees within their state and submit the data. The above information may kindly be submitted in the prescribed excel format by email to [seo-nrpc@nic.in](mailto:seo-nrpc@nic.in) by **30th September 2019**.

It is also intimated that meeting for annual outage planning for transmission elements during FY 2020-21 will be held at **10.30 AM on 11.10.2019 (Friday)** at NRPC Secretariat, New Delhi.

**(OCC may deliberate)**

### **3.2 Implementation of Automatic Demand Management Scheme by Discoms.**

Refer S.No. 2.2 of 20th GCC MoM wherein NDMC had informed that their software for ADMS has been upgraded and under testing and work is linked with the IPDS project, for which efforts shall be made to complete at the earliest. In last OCC meeting, NDMC has informed that the works of ADMS are in progress & expected to be successfully completed by September-2019.

In 163<sup>rd</sup> NRPC OCC, BRPL representative has given presentation on ADMS. NDMC shall update the latest status.

**(NDMC may deliberate)**

### **3.3 Daily Energy Consumption of Delhi Drawl from 400kV Mandola S/stn.**

400kV Mandola S/stn is a PGCIL substation dedicated to Delhi region with capacity of 500MVA \* 4 ICT's and 08 no. of 220kV circuits are connected to 220kV DTL substations i.e; Narela, Wazirabad and Gopalpur.

400kV Mandola is now a unmanned S/stn and the daily Energy consumption (MUs) for 400kV Mandola s/tn is calculated from SCADA data instead of metered reading of ICT's.

At certain times the SCADA data is not reliable and affects the Energy consumption calculation for Mandola S/stn. This leads to variation in Daily Energy Consumption calculation for Delhi .

**(Members may deliberate)**

### **3.4 Survival of Local Island at GTPS/ Pragati.**

During 20th GCC meeting as per MoM at S.No. 2.4 (9.12) following was discussed:-

“BYPL representative raised the issue of survival and subsequent synchronizing of local islanding at GT/ Pragati.

GCC advised DTL to carry out a joint visit with Discoms and IPGCL/ PPCL to analyse the requirements for sustaining Local Island at GT station.

The matter was deliberated in the 12th (2018-19) Delhi OCC meeting held on 28.03.2019 and a committee comprising of following members was constituted for carrying out the above desired work at Pragati:-

- (i) Sh. Satyendra Prakash, AGM(Elect./C&I), PPS-I, PPCL.
- (ii) Sh. Hitesh Kumar, DGM(OS), DTL.
- (iii) Sh. B.L. Gujar, DGM (Prot.), DTL.
- (iv) Sh. Deepak Kumar, AM(T)-Pragati, DTL.

In 5<sup>th</sup> Delhi OCC meeting (2019-20), OCC expressed concerned on the inordinate delay in the matter.

The committee shall update on progress.

**(Committee may update)**

### 3.5 Information required by FOLD:

- a) Delhi has total generating capacity of 2024 MW in which 1972 MW is Gas Based Plants and 52MW is waste to Energy Plants. However data pertaining to solar/rooftop generation is not available to SLDC Delhi which may help in more informed forecasting and planning.

TPDDL & BYPL have already submitted the desired data.

The details from BRPL, MES and NDMC have not received till date.

Dial solar generation in (MUs) for August month has received on 20<sup>th</sup> sept 2019 where as SLDC has to submit the reports of previous month in the format 28 (by first working day of current month) & format 29 (15<sup>th</sup> day of current month) to NRPC.

**(Action by DIAL, BRPL, NDMC & MES)**

- b) In 29<sup>th</sup> FOLD Meeting held on 14.05.2019; it was suggested that all SLDC should have data regarding type of load and its characteristics. It was also advised to all SLDC's to segregate its load i.e. residential, commercial and industrial as it may help in forecasting demand.

All Discoms were requested to give segregated data of load and its characteristics in their operational areas to SLDC Delhi.

SLDC has not received any information from any of the discoms since May-2019.

**(OCC may deliberate)**

## 4. BRPL Agenda

### 4.1 Breaker Indication Status of 66KV/33kV Outgoing feeders from DTL 220KV grids.

1. BRPL required breaker status of all 66KV/33KV outgoing feeders.
2. For immediate supply restoration to other alternate sources in case of any outage from DTL 220KV grids without waiting.
3. Immediate restoration of critical zone grids is to be ensured like Palam, DIAL, Railways etc

**(BRPL may deliberate)**

### 4.2 Nomenclature Updation of BRPL feeder:

1. Nomenclature updation of BRPL feeders is still pending.
2. To avoid any miss happening updation to be completed as soon as possible.
3. Status and time line to be shared by DTL.

**(DTL planning & BRPL may update)**

### 4.3 Reactive Power Control

#### A) 66KV /33KV Bus bar voltage for Reactive Power Control:

1. BRPL want to closely monitor and control reactive power where we need 66KV bus bar or 33KV bus bar for necessary reactive power corrections at our end.

2. Real time voltage measure and though
  - a. FRTU (at existing DTL 220KV stations) or
  - b. ICCP where FRTU not available.

**(BRPL may deliberate)**

**B) Installation of meter for Reactive Power flow study:**

BRPL want to do pilot study by installing new meter on outgoing feeder from DTL 220KV station on any two DMRC/DIAL feeder.

BRPL requesting SLDC to give permission and necessary approval.

**(BRPL may deliberate)**

**4.4 IT rack installation at 220KV Grids**

In continuous to previous OCC discussion, BRPL proposed permission for IT rack installation at DTL 220KV grids.

**IT Rack Details**

<b>Rack Specification:</b>		
Size	Dimensions	Installation Type
12U	590*600*440 mm	Wall-mounted
18U	90*60*85 cm	Floor

**Locations:**

<b>IT Rack Required at DTL location</b>		
S.No	Location	Quantity
1	DTL Mehrauli	1
2	DTL Sarita Vihar	1
3	DTL R.K Puram	1
4	DTL Okhla	1
5	DTL Mundka	1
6	DTL PPK-3	1
7	DTL Vasantkunj	1
8	DTL Lodhi Road	1
9	DTL PPK 1	1
10	DTL Naraina	1
11	DTL IP Station	1
12	DTL DIAL	1

**(BRPL may deliberate)**

**5. 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 Delhi Power system as under:

S.N	Element's Name	Discom/ DTL	Date and Time of outage	Status of outage as on 23.09.2019
1.	66kV PARK STREET – RIDGE VALLEY CKT.-I	BRPL	01.06.2019	'Y' PH. CABLE FAULTY
2.	33kV RIDGE VALLEY - KHEBAR LANE CKT.-II	BRPL	01.06.2019	'Y' PH. Single CABLE FAULTY
3.	33kV RIDGE VALLEY - KHEBAR LANE CKT.-I	BRPL	01.06.2019	'Y' PH. Single CABLE FAULTY
4.	33kV OKHLA (220KV) - MASJID MOTH CKT.	BRPL	16.08.2019	UNDER BREAK-DOWN
5.	66kV RIDGE VALLEY - O/G NDMC GUEST HOUSE CKT.	BRPL	14.09.2019	'Y' PH. CABLE FAULTY.
6.	66kV MUNDKA - NANGLOI CKT.	BRPL	03.02.2019	'Y' PH. CABLE FAULTY
7.	66kV NANGLOI - NANGLOI WATER WORKS CKT.	BRPL	17.05.2019	'R & Y' PH. CABLE FAULTY.
8.	33kV REWARI LINE - VISHAL CKT.-I	BRPL	10.09.2019	'Y' PH. SINGLE CABLE FAULTY.
9.	220kV PPK -II - 66kV HASTAL CKT.-II	BRPL	17.09.2019	'R'PH. SINGLE CABLE FAULTY
10.	33kV PARSVNATH MALL-KAILASH NAGAR CKT(1ST CABLE)	BYPL	21.08.2019	ALL PHASE FAULTY. DIGGING IN PROGRESS
11.	33kV SHASHTRI PARK (E) - SEELAMPUR CKT.	BYPL	31.08.2019	'R' & 'B' PH. 2ND CABLE FAULTY
12.	220kV DSIDC BAWANA - 66kV BAWANA -I CKT.-I	TPDDL	21.09.2019	CABLE FAULTY
13.	33kV BAY -42 (IP - CONNAUGHT PLACE)	NDMC	26.07.2019	'B'PH. CABLE FAULTY
14.	66kV GT - SCHOOL LANE CKT.- II	NDMC	31.08.2019	CABLE FAULTY
15.	66kV GT - SCHOOL LANE CKT.- I	NDMC	21.09.2019	UNDER SHUT DOWN
16.	220kV NARAINA - 33kV SHEKHAWATI CKT.-I	MES	14.09.2019	CABLE FAULTY
17.	220/66kV 160MVA PR.TR.-III AT 220kV VASANT KUNJ	DTL	26.04.2018	TRANSFORMER BURNT DUE TO FIRE. TO BE REPLACED.
18.	33kV BUS COUPLER AT KASHMERE GATE	DTL		TRIPPING COIL PROBLEM.
19.	220/33kV 100MVA PR. TR.-I AT 220kV RPH STN.	DTL	03.09.2018	TRIPPED ON BUCHOLZ AND DIFFERENTIAL RELAY. PR. TR FAILED.
20.	220/66kV 100MVA PR. TR.-I AT 220kV OKHLA STN.	DTL	27.09.2018	'Y' PH. WINDING DAMAGED. PR. TR FAILED.
21.	PATPARGANJ - 220/33kV 100MVA PR.TR.-I	DTL	10.01.2019	TR. DAMAGED. TO BE REPLACED.

22.	GAZIPUR:- 220/66/33kV 100MVA PR.TR.-I	DTL	22.03.2019	TRANSFORMER DISMANTLED AND SHIFTED TO RPH FOR TR.-II
23.	BAWANA: - TIE BREAKER NO. 652 OF 315MVA ICT-III	DTL	22.08.2019	SHUT DOWN FOR REPLACEMENT OF CKT. BREAKER. EXPECTED BY 24.09.2019.
24.	BAWANA: - CKT. BREAKER NO. 552 OF 315MVA ICT-III	DTL	06.09.2019	SHUT DOWN FOR REPLACEMENT OF CKT. BREAKER. EXPECTED BY 24.09.2016
25.	MEHRAULI- 20MVA PR.TR.-I	DTL	19.09.2019	SHUT DOWN FOR PRE MAINTENANCE WORK. EXPECTED BY 24.09.2019.

### **OCC Additional Agenda**

#### **PPCL agenda:**

##### **Bawana:-Regarding STG#2, Outage at PPS#3 Bawana w.e.f 09.10.2019 to 21.10.2019**

STG#2 Outage at wef 09.10.2019 is required to carry out some pending jobs by BHEL and Performance Testing of Module #2 upto full load operation of complete module.

- 1) The STG#2 shall be under outage wef 09.10.2019 upto 21.10.2019.
- 2) Simultaneously during above outage GT#3 and GT#4 will also be kept out of DC for 5 days (Tentatively) one by one. However for remaining duration GT#3 and GT#4 shall remain available on Open cycle mode.
- 3) During above duration the Module#1 shall remain available for full load operation and our tentative maximum DC shall be as under:
  - i. 09.10.2019-19.10.2019 856 MW (640MW in CC+216MW in Open Cycle)
  - ii. 20.10.2019-21.10.2019 1072 MW (640MW in CC+432MW in Open Cycle)
  - iii. Wef 22.10.2019 1280 MW (Full DC of both the Modules)

4) **W.e.f 22.10.2019 the Module#2 shall be started for performance testing on different loads taken upto Full load operation for about 3-4 Hrs or as per the requirements of BHEL.** The exact schedule requirements shall be communicated before hand on one day ahead basis.

OCC is requested to please consider the request to allow above outage and grant generation scheduling during performance testing as per the actual requirements.

**(OCC may deliberate)**

#### **TPDDL Agenda:**

##### **i) Nomenclature update of 11kV feeders emanating from DTL Grids**

Tata Power-DDL had submitted formal request with DTL approx. two months back for updating the nomenclature of 42 no. of 11kV outgoing feeders emanating from DTL grids. As per latest update available, said request is rejected by the Planning department, DTL stating that submitted request is not in proper format.

DTL is requested to provide with a sample filled-up format for such requests, as early as possible, so that said request may be re-submitted by Tata Power-DDL after making necessary changes.

**(DTL planning & TPPDL may deliberate)**



## ii) Frequent tripping of 160MVA Transformer-2 at 220kV Gopalpur Grid

Tata Power-DDL is planning to take outage of 220kV Narela to Bhalswa Circuit -1 & 2 for next three months, straight for replacing existing conductor as well as increasing heights of few of the towers. Load of both these circuits would be served from 160MVA Transformer-2 at 220kV Gopalpur Grid.

However, said transformer has tripped four times (twice on 11<sup>th</sup> Sep and once on 14<sup>th</sup> Sep and 18<sup>th</sup> Sep, each) ever since it was charged on 1<sup>st</sup> Sep'19 thus raising apprehensions over its reliability aspect.

DTL is requested to share the specific reasons for such frequent tripping of said transformer so that Tata Power-DDL may plan outage of its associated circuits, suitably. Additionally, DTL is requested to ensure the availability of said transformer during Tata Power-DDL outage duration.

**(OCC may deliberate)**

## DTL Agenda:

### 3). Kashmiri Gate Agenda

There are 3Nos of 11kV feeders of BYPL those are supplying power to Electric crematorium from 220KV Kashmere gate s/stn.

1. 11KV Electric crematorium
2. 11kv Bela road
3. 11kv GPO

All 3 feeders are connected to same bus i.e. 11kV Bus 2 which is being supplied from 16MVA transformer. Nigam bodh ghat is preferred place for VVIPs person for cremation process. So electric crematorium is very important feeder which requires uninterrupted supply during the cremation process. It is also learnt that supply from Bela road & GPO stn of BYPL also feed to electric crematorium.

Therefore to increase the reliability of power supply, it is proposed to shift any one of above mentioned 11kV feeders to another bus i.e. 11kV bus1. And may please advise to BYPL and NDPL to interchange their feeders as all feeders connected to 11kV bus-1 are pertain to NDPL.

During previous OCC meeting it was informed by BYPL that as per present commercial arrangement 11kV Bus-1 at Kashmere Gate is fully dedicated to 11kV feeders of TPDDL and 11kV bus-II feeds BYPL feeders & 01 no. TPDDL feeder (11kV Mahavir ice factory). BYPL informed that this present arrangement of above BYPL feeders at 11kV Bus at 220kV Kashmere Gate was made on the request of DTL Metering Deptt. for proper Energy Accounting.

**In view of this OCC advised that the reliability of power supply is more important than the commercial issues. As such the suggestion of O&M Deptt of DTL should be consider by BYPL.**

**(BYPL may update please)**

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