

	<p style="text-align: center;"><b>DELHI TRANSCO LIMITED</b> (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</p>
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No. F.DTL/2019-20/Mgr.(OS)-II/37

Date:14.01.2020

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 10<sup>th</sup> Delhi OCC Meeting (2019-20) to be held on 17.01.2020 (Friday) at 2:30 P.M.**

Dear sir/madam,

The 10<sup>th</sup> Delhi OCC meeting (2019-20) is scheduled to be held on dt.- **17.01.2020 (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/-  
(Sh. Anil Sharma)  
Mgr.(T)- OS,DTL

**DELHI TRANSCO LIMITED**  
(Regd. Office: Shakti Sadan, Kotla Road, New Delhi-110002)

**AGENDA FOR DELHI OCC MEETING NO. 10/2019-20**

**Date** : **17.01.2020**  
**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 9<sup>th</sup> Delhi OCC meeting (2019-20) held on dated 20.12.2019.**

The 9<sup>th</sup> Delhi OCC meeting (2019-20) was held on 20.12.2019 in accordance with the agenda circulated vide letter dt: 18.12.2019. Minutes of the aforesaid OCC meeting were issued on 02.01.2020 and the same was also uploaded on DTL website.

**2. DTL AGENDA:**

**2.1 Proposed planned shutdowns of O&M, DTL for the month of February-2020.**

DTL O&M deptt. has proposed the planned shutdowns for the month of February-2020.

**(OCC may deliberate)**

**3. BRPL AGENDA:**

**3.1 Handing over of feeders/ Ckts to other Discoms maintained by BRPL grids**

The below mentioned feeders are feeding the area of stated Discoms & it is maintained by BRPL grids.

**(a) NDMC:**

1. Ridge Valley to AIIMS "T" Off Kidwai Nagar.
2. Kiloni to AIIMS
3. Sirifort to AIIMS

These feeders are feeding the NDMC area and maintained by BRPL.

**(b) MES:**

1. Ridge Valley to Khyber Line Ckt 1 & 2
  - i. These feeders are feeding the MES area and maintained by BRPL.
  - ii. In the recent past these feeders have been converted to underground feeders but subsequently encroached upon by NHAI by constructing drain over the cable.

- iii. We have written couple of letters to MES that we will not be able to maintain these cables and henceforth these should be maintained by MES.

Over the past many years BRPL is maintaining these feeders and incurring maintenance cost for repairing these feeders whenever it gets faulty.

BRPL requesting NDMC, MES & DTL should take over of these feeders and maintain at their end.

**(OCC may deliberate)**

### **3.2 Improvement in data connectivity between DTL grid stations and BRPL SCADA**

Due to recent amendments in DSM regulation (Amendment 4<sup>th</sup> and 5<sup>th</sup>) applicable from 01.01.2019, we need to maintain accurate power scheduling. For this SCADA data is an important tool.

For this we need to establish strong communication system.

(i) It is proposed to establish Secondary link (RF) to increase the reliability and availability of communication between grid and SCADA control center. The secondary link is expected to improve the data connectivity issues and hence reduce the gaps between SCADA drawl data and ABT meter data. RF link shall be deployed through installation of towers at the DTL grid sub-stations.

(ii) Installation of FRTU along with IT rack at following locations.

1. 220 kV RK Puram
2. 220kV PPK-3
3. 400/220kV Mundka
4. 220kV IP
5. 220kV DIAL etc

(iii) Dedicated Port for BRPL to ensure reliable communication of data through ICCP.

BRPL requesting DTL/SLDC should allow us and give necessary permission for reliable communication establishment.

**(OCC may deliberate)**

## **4. BYPL Agenda**

### **4.1 Change in CT ratio at Rohtak Road Grid of TPDDL**

BYPL requested to increase the ratio of CT at Rohtak Road Grid (TPDDL) from 400 Amps to 800 Amps for utilizing the full capacity of 33 kV DMS CKT during summer season.

### **4.2 Allocation of 33kV Pandav Nagar Ckt bay to BYPL from DMS grid.**

To meet the summer exigency, It is requested that the underutilized 33kV Pandav Nagar Ckt. from DMS Grid presently allocated to TPDDL may be re-allocated to BYPL so that newly proposed 33 kV feeder from 220kV Dev Nagar may be connected with DMS Grid at this bay location.

**(OCC 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 14.01.2020
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 LODHI ROAD - EXHIBITION GR. CKT.-II	BRPL	03.10.2019	'B'PH. 2ND CABLE FAULTY.
4.	220kV R.K.PURAM - 33kV JNU CKT.	BRPL	09.01.2020	'R' PH. CABLE FAULTY.
5.	66kV MUNDKA - NANGLOI CKT.	BRPL	19.12.2019	'Y' PH. CABLE FAULTY.
6.	220kV PPK-II - 66kV HASTAL CKT.-II	BRPL	02.01.2020	'B' PH. SINGLE CABLE FAULTY.
7.	33KV PEERA GARHI - MUKHERJEE PARK CKT-II	BRPL	08.10.2019	'Y' PH. SINGLE CABLE FAULTY. The damaged section of U/G 33kV XLPE cable termination at 220kV Peeragarhi will be revived by DTL through GIS O.E.M. The cost of repairing works to be bear by BRPL.
8.	33kV PEERAGARHI - MADIPUR CKT.	BRPL	01.12.2019	'R' PH. CABLE FAULTY.
9.	33kV PARSVNATH MALL-KAILASH NAGAR CKT(1ST CABLE)	BYPL	15.10.2019	'R' PH. CABLE FAULTY.
10.	33kV BAY -42 (IP - CONNAUGHT PLACE)	NDMC	05.01.2020	'R'PH. CABLE FAULTY.
11.	66kV RIDGE VALLEY - BAPU DHAM CKT.	NDMC	13.01.2020	'Y'PH. CABLE FAULTY.
12.	315 MVA ICT-II at MUNDKA	DTL	29.09.2019	DUE TO FIRE, ICT BURNT. Tx taken over process from Mandola is in progress and will take about 2 months after reaching the site.
13.	220/66kV 160MVA PR.TR.-III AT 220kV VASANT KUNJ	DTL	26.04.2018	TRANSFORMER BURNT DUE TO FIRE. TO BE REPLACED.
14.	GAZIPUR:- 220/66/33kV 100MVA PR.TR.-I	DTL	22.03.2019	TRANSFORMER DISMANTLED AND SHIFTED TO RPH FOR TR.-II.
15.	220/66 kV 100 MVA Tx-III at NAJAFGARH	DTL	03.10.2019	SHUT DOWN FOR DISMANTLING TO ALLOW NEW 160MVA PR.TR.
16.	220kV MAHARANI BAGH - LODHI ROAD CKT.-I	DTL	20.12.2019	SHUT DOWN FOR HTLS RECONDUCTORING WORK.
17.	KANJHAWALA :- 20MVA TR.-I	DTL	07.01.2020	SHUT DOWN FOR OVERHAULING

## **Additional Agenda**

### **1. SLDC Agenda:-**

#### **1.1 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.

NDMC has informed telephonically that the works of ADMS are on hold due to some internal issues and progress shall be updated later.

NDMC shall update the latest status on ADMS.

**(NDMC may update)**

#### **1.2 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 analyze 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 9<sup>th</sup> Delhi OCC meeting (2019-2020), the Committee informed that 220 kV Pragati O&M (DTL) and PPCL will execute the arrangement in consultation with protection department. This scheme is expected to be implemented by 15.01.2020.

**(DTL & PPCL may update the progress please)**

#### **1.3 High Voltage Operation of the Grid during winter nights.**

The High Voltage issues have been faced in Delhi System. This is because of decrease in demand in recent month especially in night hours. During past winter season, it has been observed high voltage conditions and injection of reactive power to the grid causing heavy penalty in NRPC reactive account.

Following steps were in practice to control the injection of reactive power:

- a. Switching off the capacitors at all the Substations of Delhi, but during winter season proper monitoring of the same is yet to be put in place.
- b. Transformer taps optimization by DTL and DISCOM.
- c. Monitoring of all 400/220kV ICTs and taking actions wherein VAR flows are observed from 220kV to 400kV side. In this respect reactive energy accounts could also be monitored.
- d. Opening of lightly loaded transmission cables/ transmission lines keeping reliability in focus.
- e. Absorption of reactive power by generating units.

(a) The details of NRPC reactive account from 01.04.19 onwards are as under:

(All figures are in Lakhs)

S. No.	Month-2019	Payable (Approx.)	Receivable Approx.)
1	April	3.98417	2.81436
2	May	19.04866	4.72369
3	June	0	42.7036
4	July	9.95309	39.25774
5	August	27.1466	1.10855
6	Sept	80.84053	0.49756
7	Oct	330.368	0
8	Nov	308.35	0
<b>Total</b>		<b>779.69105</b>	<b>91.1055</b>

(b) The details of Reactive energy charges of Delhi DISCOMs for FY 2019-20:

S. No.	Month-2019	Billed Amount (in Rs.)					
		DISCOM	BYPL	BRPL	TPDDL	NDMC	MES
1	April	1191712	6767136	5250900	199216	234987	157804
2	May	1254743	2028028	1879780	241483	186963	142202
3	June	532440	2208118	1421653	926695	315665	70151
4	July	-137750	2740645	1258528	1109467	305327	93512
5	Aug	855776	1889133	1504274	492767	368779	106967
6	Sept	279473	2083766	2090407	618613	313853	113680
7	Oct	2172376	6449528	8461519	133980	151061	-3204
<b>Total</b>		<b>61,48,770</b>	<b>2,41,66,354</b>	<b>2,18,67,061</b>	<b>37,22,221</b>	<b>18,76,635</b>	<b>6,81,112</b>

The 15 Nos of 220 kV lines were opened on daily basis at night hours whereas 22 Nos of 66 kV ckts of BRPL & 32 Nos of 66 kV and 33 kV ckts of BYPL were also opened.

DTL is requested to expedite the process of tendering works and execution of project related to Reactors as suggested by CEA.

Discoms are requested to do reactive study in their network and share the plan of installation of shunt reactors in their respective areas.

**(OCC may deliberate)**

## **2. DTL Agenda:-**

### **2.1 Shutdown of 100 MVA-II at 220 kV S/Stn Najafgarh**

It is submitted that as a part of summer action plan 2020, 02 nos. 100MVA 220/66 kV Power transformers are to be replaced with 160MVA power transformer at 220/66 kV Najafgarh by 31<sup>st</sup> March 2020. Augmentation work of one no. 100MVA Power Transformer -III is already under progress at 220/66 kV Najafgarh and it is likely to be commissioned by Mid Feb 2020. In order to meet the above target of commissioning of both transformers by March 2020, shutdown Proposal of 100 MVA transformer-II was put up before OCC on 20.12.2019 and same was also approved by OCC with effect from 05.01.2020. However, in real time, system operation SLDC refused the shutdown as BRPL failed to shift the load from 220/66 kV Najafgarh S/stn due to constraints at their end. It was informed by BRPL vide e-mail dated: 06.01.2020 that they have following constraints in providing this shutdown:

- (1). 400/220KV Mundka- NWW U/G cable faulty.
- (2). 220KV PPK-2 to Hastal U/G cable faulty.

Further to explore the possibility of above shutdown , a meeting was held in the office of GM(O&M)-I on 08.01.2020 with BRPL and System Operation SLDC wherein it was decided that BRPL will make all out effort to revive the aforesaid faulty feeders so that above shutdown may be availed . Now, it has been gathered that 400/220KV Mundka-NWW has been revived by BRPL on 10.01.2020.

It is pertinent to mention here that aforesaid shutdown of 100 MVA Trf-II is urgently required till 31<sup>st</sup> March (tentative) to avoid contractual complications including financial implications because of expiry of extended time period of the contract.

**(OCC may deliberate)**

### **2.2 Shutdown of 100MVA Tx-I at 220kV Sarita Vihar S/stn scheduled from 20.01.2020 for replacement of this Tx with a new 160MVA Tx.**

<b>SN</b>	<b>Date of S/D</b>	<b>Duration</b>	<b>Name of the Element</b>	<b>Work Done</b>	<b>Remarks</b>
1	1/20/2020 to till the commissioning of new 160MVA Pr Tx	Continuous	100MVA-I along with 66KV I/C-I	Replacement of 100MVA power transformer no. I with new 160MVA power transformer of BHEL make	Load will be managed through 100MVA Tx-2 & 3.

**(OCC may deliberate)**

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