



DELHI TRANSCO LIMITED
(A Govt. of NCT of Delhi Undertaking)
An ISO 9001:2015 certified company
Office of DGM(T) OS, Convener-OCC
1st Floor, 220 kV Sub-Stn Park Street, Opp. Talkatora Stadium,
Near R.M.L. Hospital, New Delhi-110001
Web:-www.dtl.gov.in, E-mail :- dgm.os@dtl.gov.in

No. F.DTL/831/F.4/2018-19/DGM (OS)/02

Date:16.04.2018

To,

All Members of Operation Co-ordination committee

DTL	General Manager (O&M)-I, Chairman OCC General Manager (O&M)-II General Manager (Protection,Metering,Safety & Disaster Mgmt.) General Manager (Planning) DGM (O&M) - North, East, West, South DGM (M/P) DGM(Plg.)	Fax no. 011-23366160 Fax No.011-23622707
SLDC	ED (SLDC) DGM (SO)	Fax no. 011-23221069 Fax no. 011-23221059/12,
TPDDL	HOD (PSC &AM) Sr. Manager (PSC)	Fax no. 011-66050602 Fax no. 011-66050602
BRPL	Vice President (SO)	Fax no. 011-39996549
BYPL	AVP (SO)	Fax no. 011-39996549
NDMC	Superintending Engineer	Fax no. 011-23235754
IPGCL	AGM (T) COS AGM (T) Opr. GTPS	Fax no. 011-23284797 Fax no. 011-23370884
PPCL	DGM (T) Opr. PPS-I DGM (T) Opr. PPS-III	Fax no. 011-23378947 Fax no. 011-27791175
MES	AEE/M.SLDC Officer	
BTPS	AGM (EEMG)	Fax no. 011-26944348
BBMB	Sr. Executive Engineer, O&M	Fax no. 011-28315542
DMRC	Addl. GM (Elect.)	Special Invitee
DMRC	General Manager (Elect.)	Special Invitee
GMR(DIAL)	GM(DIAL)	Special Invitee
N. Railways	Sr. DEE (TRD)	Special Invitee
EDWPCL	Director(EDWPCL)	Special Invitee
Delhi MSWSL	Station Incharge	Special Invitee

Sub: Agenda for next Delhi OCC Meeting (01/18-19) to be held on 20.04.2018 (Tuesday) at 2:30 P.M.

Dear sir/madam,

The next Delhi OCC meeting is scheduled to be held on dt.- 20.04.2018(Friday), 2:30 P.M. at the following venue:-

**O/o-GM(O&M)-I, Delhi Transco Ltd., 220 kV Sub-Stn Park Street,
Opp. Talkatora Stadium, Near R.M.L. Hospital, New Delhi-110001**

You are hereby requested to attend the meeting in accordance with the agenda enclosed herewith.

Thanking You.

Encl: Agenda for Delhi OCC meeting.

Yours Sincerely,
sd/-
(Hitesh Kumar)
DGM(OS),DTL
Convener-OCC

DELHI TRANSCO LIMITED

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

AGENDA FOR DELHI OCC MEETING NO. 01/18-19

Date : 20.04.2018 (Friday)
Time : 2:30 PM
**Venue : O/o-GM(O&M)-I, 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 Delhi OCC meeting held on dated 27.03.2018.

The previous Delhi OCC meeting was held on 27.03.2018 in accordance with the agenda circulated vide letter dt: 22.03.2018. Minutes of the aforesaid OCC meeting were issued vide letter dt.11.04.2018. The same was also uploaded on DTL website.

Members may like to confirm the same.

2. DTL AGENDA POINTS:

2.1 Status of Hot Reserve of transformers at all levels.

The status of hot reserve of transformers was updated in previous meeting by DTL Planning deptt as under:-

S.No.	Transformation Capacity	Population in no.	Hot Reserve (No.) Decided	Present Status
1.	400/220kV, 500MVA ICT	2	1x500MVA	One 400/220kV 500MVA transformer would be installed as hot reserve by the year 2019-20 and would be placed at Bamnauli. In case of damage of 315MVA transformer in future, the same would be replaced with 500MVA. OCC advised that the scheme be prepared and proposal be sent to C&MM deptt. after obtaining the required approval.
2.	400/220kV, 315MVA ICT	14		
3.	220/66kV, 160MVA	22	2x160MVA +1x100 MVA	One 160MVA transformer would be kept as hot reserve and placed at Mundka and the 2nd 160MVA Hot reserve 220/66kV transformer would be kept at Rohini-2. The scheme for 160MVA Tr. as hot reserve at Mundka has been prepared and is under approval. Both the transformers should be provided by 2019-20.
4.	220/66kV, 100MVA	42		DTL O&M deptt. had inform that the 220/66-33/11kV, 100MVA transformer damaged at

				<p>Papankalan-I on 04.09.2016 at 06:35 hours which was earlier planned as Hot Reserve at PPK-I may not materialise as the matter of repair has gone under legal tussle. They requested for new 220/66kV, 100MVA hot reserve transformer at 220kV Papankalan -I considering the aging of the existing transformers and the population of the transformers.</p> <p>In view of the above, Steering Committee has agreed for providing new 220/66kV, 100MVA hot reserve transformer at 220kV Papankalan – I by 2019-20. OCC noted the same.</p>															
5	220/33kV, 100MVA	37	2	<p>One 220/33kV, 100MVA transformer which has already been decided as hot reserve and proposed at Patparganj. Eventually, the transformer is required to be shifted to Naraina due to the failure of 100MVA at 220kV Naraina. Therefore, the new hot reserve is required at 220kV Patparganj. The other Hot Reserve Transformer would be placed at Kashmere Gate. These transformers would be provided by 2019-20. OCC advised that the scheme be prepared and proposal be sent to C&MM deptt. after obtaining the required approval.</p>															
6	66/11kV 20MVA	24	NIL	<p>Steering Committee in its meeting held on 15.03.2017 has decided that in case of exigency, the Discoms may provide these transformer on returnable basis.</p> <p>As per the decision taken in the Steering Committee Meeting held on 30.10.17 the transformer augmentation has been planned as under:</p> <table border="1"> <thead> <tr> <th>S . N</th> <th>Sub Station</th> <th>Details of existing Tx.</th> <th>Augmentation Plan</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Lodhi Road</td> <td>2 no 33/11kV 20MVA</td> <td>2 no 33/11kV 25MVA</td> <td>2018-19</td> </tr> <tr> <td></td> <td>Lodhi Road</td> <td>2 no 33/11kV 16MVA</td> <td>2 no 33/11kV 25MVA</td> <td>2018-19</td> </tr> </tbody> </table>	S . N	Sub Station	Details of existing Tx.	Augmentation Plan	Year	1	Lodhi Road	2 no 33/11kV 20MVA	2 no 33/11kV 25MVA	2018-19		Lodhi Road	2 no 33/11kV 16MVA	2 no 33/11kV 25MVA	2018-19
S . N	Sub Station	Details of existing Tx.			Augmentation Plan	Year													
1	Lodhi Road	2 no 33/11kV 20MVA	2 no 33/11kV 25MVA	2018-19															
	Lodhi Road	2 no 33/11kV 16MVA	2 no 33/11kV 25MVA	2018-19															
7	33/11kV 16MVA	16																	

			2	Najafgarh	2 no 66/11kV 20MVA	2 no 66/11kV 31.5MV A	2019-20	
			3	Okhla	2 no 66/11kV 20MVA	2 no 66/11kV 31.5MV A	2019-20	
			4	Sarita Vihar	2 no 66/11kV 20MVA	2 no 66/11kV 31.5MV A	2019-20	
			5	Pappankalan-I	2 no 66/11kV 20MVA	2 no 66/11kV 31.5MV A	2020-21	
			6	Mehrauli	2 no 66/11kV 20MVA	2 no 66/11kV 31.5MV A	2021-22	
<p>The scheme for replacement of 2 nos. 33/11kV,16MVA Tr. to 2 nos. 33/11kV,25MVA Tr. and 2 nos. 33/11kV,20MVA Tr. to 2 nos. 33/11kV,25MVA Tr. has been prepared and is under approval stage.</p>								

During the steering committee meeting, DTL O&M Department explained the need of more hot reserve due to the number of failures of Transformers in Delhi Power System. They pointed out that 11 nos. power transformers have failed during last two years (2015-2017). At present there is no spare capacity available to replace Trs in case of failure. They requested availability of spare capacity of Trs as decided in the Steering Committee Meetings and also requested the replacement of aged Transformers.

Planning Department of DTL informed that they have already drawn a detailed plan of augmentation/replacement of Trs in Business Plan 2017-22 as under:

Sr. No.	Name of the Sub Station	Qty. (No.)	Year	Scheme status as on date
1	Sarita Vihar	1	2018-19	Under tendering stage
2	Narela	1	2018-19	Under Approval
3	Najafgarh	2	2018-19	Under tendering stage
4	Okhla	1	2018-19	Under Approval
5	Mehrauli	1	2019-20	To be prepared
6	Patparganj	2	2019-20	To be prepared
	Total	8		

After detailed deliberations, Steering Committee approved the hot reserve capacity as mentioned in the table of opening para of the item and also advised DTL to adhere the time lines of augmentation/replacement of Trs. mentioned in Business Plan 2017-22. OCC noted the same.

DTL Planning deptt. may update the latest status.

2.2 Status of Supply of 3 nos. 100 MVA, 220/33kV BHEL make Transformers against MOU-II project.

Three nos. 220/33kV, 100 MVA BHEL make Transformers are to be supplied against MOU-II project.

It was apprised that the first 100 MVA Transformer has reached the Naraina site. The second 100 MVA Transformer will be delivered at Lodhi Road Sub-stn and the third 100 MVA Transformer will be delivered at Preet Vihar Sub-stn. OCC advised to expedite for supply/erection of transformers at site.

Latest status be updated by DTL.

2.3 Status of Procurement of O&M min. inventory/spares/services as well as equipments to be procured against PSDF schemes.

The following was deliberated in previous meeting:-

1. Representative of DTL C&MM deptt. informed that w.r.t procurement of hot reserve transformer, one such request has been received in the C&MM department on 21.12.2017 for transformer package including one no. hot reserve 160 MVA transformer for Kanjhawala. The order for 9 nos. Transformer is expected to be placed in the month of May 2018 and its procurement will be in the month of Oct/Nov 2018 (i.e after 06 month after date of order)
2. Representative of DTL C&MM deptt. further informed that PR w.r.t availability of minimum inventory in Material Management Department is pending with finance department. **OCC advised that the matter be taken up at priority level and express procurement be initiated for procurement of min. inventory/spares to meet the summer demand requirement.**
3. The status of PSDF was updated. OCC directed that the procurement/execution against PSDF scheme is time bound activity. As such, every effort be made to complete the PSDF scheme in time bound manner.
4. OCC directed that the hot reserve Tr. is essentially required for maintaining summer season loading in case of failure of any Tr. Therefore hot reserve of each category of transformer be procured immediately.
5. Min. inventory as discussed and finalized between O&M and C&MM deptt. be procured immediately.
6. DTL C&MM deptt. to update the month wise progress in every DELHI OCC meeting.

DTL C&MM deptt. may update the latest status.

2.4 Status of replacement of Porcelain disc Insulators with long road Polymer Insulators in various 220kV lines.

The progress of work of replacement of Porcelain disc Insulators with long road Polymer Insulators in various 220kV lines be updated by the nodal officer.

DTL may update the progress of work.

2.5 Reactive power compensation at 400kV & 220kV Level as updated by DTL Plg. Deptt.:-

DTL Planning deptt. informed that in the steering committee meeting held on 30.10.2017, it was deliberated that the feasibility of Reactors installation with regard to DTL system was as under:

S.No.	Bus Name	Voltage level (kV)	Reactor (MVAR)	Remarks
1	Mundka	400	125	The scheme for 125 and 25 MVAR at 400 KV Mundka sub station has been finalized and under costing. For rest, the schemes are under preparation.
2	Bamnauli	220	2x25	
3	Indraprastha	220	2x25	
4	Harsh Vihar	220	2x50	
5	Electric Lane	220	1x50	
6	Mundka	220	25	
7	Peeragarhi	220	1x50	One GIS 220kV bay is spare at Peeragarhi. The S/Stn. is connected with 1000sq.mm 220kV Mundka-Peeragarhi D/C (13KM) and 220kV Peeragarhi- Wazirpur D/C (8.3KM) cables. Due to these cables, during off-Peak hrs particularly during winter nights, voltage shoots up beyond the permissible limits. Therefore during winter nights one ckt. is kept in operation out of the four 220kV cable circuits to control high voltage issue to some extent. This ckt. also trips on account of high voltage affecting the areas fed from Peeragarhi S/Stn. To overcome high voltage issue one 220kV, 50 MVAR Reactor is proposed to be installed at Peeragarhi S/Stn. considering the fact that one 220kV GIS bay is also available.
8	Maharani Bagh (PG)	400	125	To be installed by Powergrid.
9	Mandola (PG)	400	125	To be installed by Powergrid.
TOTAL			700	

DTL Planning Deptt. may update the latest status.

2.6 Deemed availability of 220kV Ridge Valley-Trauma Centre-II w.e.f. 15.02.2018 to 28.02.2018 for finalization of Availability for Feb-2018.

The 220kV Ridge Valley-Trauma Centre-II U/G cable got faulty on dt.-15.02.2018 due to excavation work being carried out by external agency (M/s IGL).

As such, the ckt. may be treated as deemed available for the period 15.02.2018 to 28.02.2018 for finalization of Availability for Feb-2018 as per DERC guidelines.

OCC may deliberate.

2.7 Proposed planned shutdowns of O&M, DTL

DTL O&M deptt. has proposed the planned shutdowns for the month of May-2018 as per enclosed Annexure.

OCC may deliberate.

2.8 DMRC request for shutdown of 220kV D/C Najafgarh-Bamnauli lines.

M/s DMRC vide its letter dt.-20.03.2018 have requested for seven days consecutive shutdown (from 8 AM to 5 PM) of 220kV D/C Najafgarh-Bamnauli lines at the earliest for removing the structural steel soldier pipes with the help of crane.

Mgr.(O&M),N-3 have informed that the soldier pipes, 38 nos., about 20 mtr. Deep are required to be excavated back with the help of crane of suitable height. The said location is just beneath the DTL 220kV D/C Najafgarh-Bamnauli lines and hence the usage of crane without the shutdown may be dangerous from safety point of view.

OCC may deliberate.

2.9 PGCIL request for 10 days shutdown of 220kV Mehrauli-BTPS D/C line starting w.e.f. 25th April 2018 on continuous basis.

M/s PGCIL have requested for 10 days shutdown of 220kV Mehrauli-BTPS D/C line starting w.e.f. 25th April 2018 on continuous basis for its LILO at upcoming 400/220/66kV Tughalakabad Sub-stn. M/s PGCIL have informed that for construction of LILO, 03 towers are to be erected under the shutdown as the LILO is coming into the same corridor.

OCC may deliberate.

3. Long/Recent Outage/Breakdown of Elements in Delhi power system.

Members to update the status of following Long/Recent Outage/Breakdowns of elements in Delhi Power system:

S.N	Element's Name	Discom/ DTL	Date and Time of outage	Status of outage as on 17.04.2018
1.	33kV BAY -3 (IP – KILOKARI)	BRPL	22.02.2011	Clearance from Railways for laying of Underground cables near Bhairon Road is pending. OCC advised BRPL to inform DTL after awarding of the said work. During the OCC meeting dt.-28.11.2016, It was deliberated that the above work shall be started after joint inspection with Railways.
2.	33kV RIDGE VALLEY - KHEBAR LINE CKT.-II	BRPL	31.01.2016	R-PHASE SINGLE CABLE FAULTY.
3.	66kV VASANT KUNJ INSTL.AREA-RIDGE VALLEY CKT.-I	BRPL	26.03.2017	UNDER SHUTDOWN.
4.	11kV I/C-I AT RIDGE VALLEY	BRPL	24.01.2018	UNDER BREAKDOWN.
5.	33kV LODHI ROAD - EXHIBITION GROUND -II CKT.	BRPL	17.02.2018	'B'PH. 2ND CABLE FAULTY.
6.	33KV RIDVE VALLEY - R.K. PURAM-II CKT-I	BRPL	04.04.2018	B-PH CABLE FAULTY.

7.	20MVA PR.TR.-II AT VASANT VIHAR	BRPL	06.04.2018	UNDER SHUTDOWN.
8.	66kV PARK STREET - RIDGE VALLEY CKT-II	BRPL	09.04.2018	R-PH CABLE FAULTY.
9.	20MVA PR.TR.-I AT OKHLA PH.-II	BRPL	11.04.2018	UNDER BREAKDOWN.
10.	66kV MATHURA ROAD - MCIE CKT.-I	BRPL	12.04.2018	B-PH CABLE FAULTY.
11.	66kV MUNDKA - NANGLOI CKT.	BRPL	08.05.2017	B & Y-PH. CABLE FAULTY.
12.	25MVA PR.TR.-III AT G-4 DWARKA	BRPL	12.03.2018	UNDER SHUT DOWN.
13.	33kV NARAINA(220kV) - MAYA PURI CKT.-I	BRPL	14.03.2018	R-PH SINGLE CABLE FAYLTY.
14.	66kV G-6 PPK - G-15 DWARKA CKT.-I	BRPL	09.04.2018	B-PH CABLE FAULTY.
15.	33kV PANKHA ROAD-JANAKPURI CKT.-I	BRPL	15.04.2018	PUT OFF DUE TO BREAKER PROBLEM.
16.	66kV PPG - AKSHARDHAM CKT	BYPL	06.08.2017	CABLE FAULTY.
17.	33kV SEELAMPUR -DWARKAPURI CKT.	BYPL	05.04.2018	Y-PH SINGLE CABLE FAYLTY.
18.	66KV MUNDKA- MANGOLPURI-I - T-OFF NANGLOI CKT.	TPDDL		CABLE FAULTY.
19.	220kV KANJHAWALA - 66kV ROHINI-23 CKT.-II	TPDDL		CABLE FAULTY.
20.	33kV SHAHZADA BAGH - T-OFF RAMA ROAD CKT.	TPDDL		CABLE FAULTY.
21.	33KV TRAUMA CENTRE - RAJIV GANDHI BHAWAN CKT.	NDMC	11.03.2018	'Y' PH. CABLE FAULTY.
22.	220/33kV 100MVA PR.TR.-I AT 220kV NARAINA	DTL	26.07.2017	TR. DAMAGED DUE TO FIRE.
23.	33kV BUS COUPLER AT KASHMERE GATE	DTL		TRIPPING COIL PROBLEM.
24.	220kV PATPARGANJ - GAZIPUR CKT.	DTL	07.02.2018	CABLE FAULTY.
25.	220kV TRAUMA CENTRE – RIDGE VALLEY CKT-II	DTL	15.02.2018	CABLE FAULTY.
26.	220/33kV 100MVA PR.TR.-II AT 220kV PREET VIHAR	DTL	12.03.2018	SHUT DOWN DUE TO ACETYLENE GAS FORMATION.
27.	220/33kV 100MVA PR.TR.-I AT 220kV PREET VIHAR	DTL	18.03.2018	SHUT DOWN DUE TO ACETYLENE GAS FORMATION.
28.	220/33kV 100MVA PR.TR.-I AT LODHI ROAD	DTL	30.03.2018	SHUT-DOWN FOR OVER HAULING
29.	220/66kV 100MVA PR.TR.-III AT 220kV SARITA VIHAR	DTL	05.04.2018	PUT OFF ON BASIS OF D.G.A. RESULTS.
30.	33/11kV 20MVA PR.TR AT 220kV KAHMERE GATE	DTL	06.04.2018	11kV CABLE DAMAGED.

31.	STG-2 at PPCL Bawana	PPCL Bawana	01.10.2017 00:05 hrs.	Problem in Generator Transformer. Expected by 31.05.2018.
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