



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.4/2017-18/DGM (OS)/92

Date:22.03.2018

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 & 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 (12/17-18) to be held on 27.03.2018 (Tuesday) at 2:30 P.M.

Dear sir/madam,

The next Delhi OCC meeting is scheduled to be held on dt.- 27.03.2018(Tuesday), 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. 12/17-18

Date : 27.03.2018 (Tuesday)
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 21.02.2018.

The previous Delhi OCC meeting was held on 21.02.2018 in accordance with the agenda circulated vide letter dt: 16.02.2018. Minutes of the aforesaid OCC meeting were issued vide letter dt.26.02.2018. 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 as updated during previous OCC meeting was 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 in future, the same would be replaced with 500MVA. OCC advised that the scheme be prepared by the end of April 2018 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. Both the transformers should be provided by 2019-20. OCC advised that the status of preparation of scheme be updated.
4.	220/66kV, 100MVA	42		DTL O&M deptt. informed that the case of repair of 220/66kV, 100MVA transformer which was damaged at Papankalan-I is under litigation. As such, OCC advised a separate

				scheme of 100/160 MVA Tr. be prepared by Plg. Deptt.																																		
5	220/33kV, 100MVA	37	2	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 status of preparation of scheme be updated.																																		
6	66/11kV 20MVA	24	NIL	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. As per the decision taken in the Steering Committee Meeting held on 30.10.17 the transformer augmentation has been planned as under:																																		
7	33/11kV 16MVA	16																																				
				<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 rowspan="2">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>Lodhi Road</td> <td>2 no 33/11kV 16MVA</td> <td>2 no 33/11kV 25MVA</td> <td>2018-19</td> </tr> <tr> <td>2</td> <td>Najafgarh</td> <td>2 no 66/11kV 20MVA</td> <td>2 no 33/11kV 31.5MV A</td> <td>2019-20</td> </tr> <tr> <td>3</td> <td>Okhla</td> <td>2 no 66/11kV 20MVA</td> <td>2 no 66/11kV 31.5MV A</td> <td>2019-20</td> </tr> <tr> <td>4</td> <td>Sarita Vihar</td> <td>2 no 66/11kV 20MVA</td> <td>2 no 66/11kV 31.5MV A</td> <td>2019-20</td> </tr> <tr> <td>5</td> <td>Pappan kalan-I</td> <td>2 no 66/11kV 20MVA</td> <td>2 no 66/11kV 31.5MV A</td> <td>2020-21</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	2	Najafgarh	2 no 66/11kV 20MVA	2 no 33/11kV 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	Pappan kalan-I	2 no 66/11kV 20MVA	2 no 66/11kV 31.5MV A	2020-21
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1	Lodhi Road	2 no 33/11kV 20MVA	2 no 33/11kV 25MVA	2018-19																																		
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5	Pappan kalan-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	
OCC advised that the status of preparation of scheme be updated.								

Note: Further, it was also noted that the O&M Department of DTL has proposed for replacement of outlived transformers at various locations as per the details given below:

1. Augmentation of 100MVA, 220/66kV Transformer with 160MVA, 220/66kV Transformer:

S. No.	Transformer Details	Qty.	Reason
1.	100MVA Transformer at 220kV S/Stn. Sarita Vihar	1 No.	Outlived
2.	100MVA Transformer at 220kV S/Stn. Narela	1 No.	Outlived
3.	100MVA Transformer at 220kV S/Stn. Najafgarh	2 No.	Outlived
4.	100MVA Transformer at 220kV S/Stn. Okhla	2 No.	Outlived
5.	100MVA Transformer at 220kV S/Stn. Mehrauli	1 No.	Outlived
6.	100MVA Transformer at 220kV S/Stn. Patparganj	2 No.	Outlived
7.	100MVA Transformer at 220kV S/Stn. Mehrauli commissioned in 1984	1 No.	Outlived
8.	100MVA Transformer at 220kV S/Stn. Rohini-I commissioned in 1993	1 No.	Approaching end of useful life of 25 years.
Total		11 Nos.	

2. Replacement of 100MVA, 220/33kV Transformers:

Sr. No.	Transformer Details	Qty.	Reason
1.	100MVA Transformer at 220kV S/Stn. Rajghat commissioned in 1986	1 No.	Outlived
2.	100MVA Transformer at 220kV S/Stn. Subzi Mandi commissioned in 1992	1 No.	Outlived
3.	100MVA Transformer at 220kV S/Stn. Lodhi Road commissioned in 1994	1 No.	Approaching end of useful life of 25 years (damaged)
4.	100MVA Transformer at 220kV S/Stn. Shalimar Bagh commissioned in 1989	1 No.	Outlived
Total		4 Nos.	

However, the Steering Committee has noted the proposals incorporated in Business Plan of DTL for the period 2017-22 as under:

Augmentation of 100MVA, 220/66kV Transformer with 160MVA as per Business Plan

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 Preparation
3.	Najafgarh	2	2018-19	Under tendering stage
4.	Okhla	1	2018-19	Under Preparation
5.	Mehrauli	1	2019-20	To be prepared
6.	Patparganj	2	2019-20	To be prepared
	Total	8		

Status be updated by DTL Planning deptt.

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.

During the previous OCC meeting, 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 in march month. The third 100 MVA Transformer will be delivered at Preet Vihar Sub-stn in march month. OCC advised to expedite for supply/erection of transformers at site.

Status of supply/erection be updated by DTL Planning/O&M deptt.

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 the previous OCC 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.

Latest status be updated by DTL C&MM deptt.

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 Sh. Subhash Chandra Jha, Mgr.(S-V), DTL (Nodal officer for the work).

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

As per the availability of space in 400/220kV S/stn premises, following locations were finalised for installation of reactors in first phase of respective capacity as per the recommendations of 39th Standing -committee report.

S.No.	Proposed location for installation of Shunt Reactor	Capacity (MVAR)	Present status of Schemes
1	400kV & 220kV Mundka	125 MVAR at 400kV and 25 MVAR at 220kV level	The schemes for these locations are under process in the sequential manner, Planning department will make out all out effort to finalise these schemes in coming 03 months.
2	220kV Electric Lane	2x25MVAR	
3	220kV Patparganj	25MVAR	
4	220kV Maharani Bagh	2 X 25 MVAR	
5	220kV Bamnauli	25 MVAR	
6	220kV Harsh Vihar	2 X 25 MVAR	

During the previous OCC meeting, it was deliberated that action plan for installation of reactors be updated by DTL planning deptt. in next OCC meeting.

Latest status be updated by DTL Planning Deptt.

2.6 Approval of drawings by BTPS in r/o installation of Line Differential relays in various 220kV feeders emanating from BTPS.

The work for Commissioning of Line Differential relays at the following feeders emanating from BTPS is in progress:-

1. BTPS- Meharauli Circuit 1&2.
2. BTPS-Okhala Circuit 1&2
3. BTPS-Sarita Vihar Circuit 1&2.
4. BTPS –Gazipur

Line Differential relays has been already installed in the DTL feeders. All the relays are installed in the BTPS end and DTL end. However due to delay in the approval of Drawings from BTPS end the relays could not be commissioned at BTPS end. The DTL has already submitted the drawings to BTPS on dated 27/02/2018. BTPS is requested to approve the drawings at their end at the earliest so that the relays can be commissioned.

BTPS may deliberate.

2.7 Dismantling of 30 MVA, 66/33kV Transformer from 220kV Narela.

DTL O&M deptt. have informed that the 30 MVA, 66/33kV Transformer at 220kV Narela Sub-stn is running on No-Load. The matter has been discussed in 5th steering committee

meeting of 2016-17, wherein it has been agreed to allow for discarding the said transformer from DTL Narela substation and shifting the load of the 33kV AIR Khampur from DTL Narela to TPDDL 66/33 kV A-7 Narela Sub-stn by May 2017.

In view of above, TPDDL may provide the latest status of shifting of load of 33kV AIR Khampur from DTL Narela Sub-stn, so that suitable action for discarding the said transformer at DTL Narela can be initiated.

TPDDL may deliberate.

2.8 Unwanted tripping of 220kV South of Wazirabad – Kashmere Gate Ckt.-II on 25.02.2018 at 15:43 hrs.

The 220kV South of Wazirabad – Kashmere Gate Ckt.-II tripped on 25.02.2018 at 15:43 hrs. on following relay indication:-

S.No.	Name of element tripped	Date and Time of tripping	Date and Time of restoration	Outage duration	Relay indication	Remarks
1.	220kV South of Wazirabad – Kashmere Gate Ckt.-II	25.02.2018 15:43 hrs.	25.02.2018 21:42 hrs.	5hrs:59min	Trip Yph, Dist. Trip Z2, Fault Location 4.859 Km.	It has been informed that CVT damaged at DMRC end at K. Gate. However, no tripping occurred at K. Gate. Delayed fault clearance resulted melting of clamps/connecters at SOW end thereby increasing the outage duration.

DMRC/DTL Prot. deptt. may deliberate.

2.9 Proposed planned shutdowns of O&M, DTL

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

OCC may deliberate.

3. PPCL-III Bawana Agenda

PPCL-III, Bawana have requested for the following shutdowns :

- Shutdown of turbo generators (GT #4 and GT#3) for Scheduled maintenance:**

S. No	Unit	Rating	From (date)	To (date)	Remarks
1.	GT #4	216 MW	02.4.2018	13.4.2018	Combustion Inspection

2.	GT #3	216 MW	16.4.2018	30.5.2018	Generator Overhauling and Compressor upgrade
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As both these turbines i.e. GT #3 and GT #4 are only available in open cycle currently due to ongoing breakdown of STG #2 transformer revival of which is most likely in June 2018, the planned maintenance works would ensure the availability of Module-II in combined cycle once STG #2 is ready. So, the Committee may kindly consider and allow these shutdowns.

- Shutdown of 400 kV Bawana – Bhiwani line (Bay 415) on 16.4.2018 (Monday)** is hereby requested for approval. Cleaning of BPIs of the Bay up to dropper from PGCIL's line, is envisaged to be carried out if approved by OCC.

S.No	Details of Transmission Element		Category	Shutdown Type	From		To		Work to be Carried	Remarks
	Voltage Level	Name			Date	Time	Date	Time		
1	400kV	400KV Bawana-Bhiwani line (Bay 415)	A	Daily Basis	16.04.2018	0900 Hrs	17.04.2018	1700 Hrs	Cleaning of BPI from Bay 415 upto line Dropper of PGCIL's Bawana-Bhiwani line	400KV Bawana-Bhiwani line shall be earth at both end

OCC may deliberate.

4. 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 22.03.2018
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.	15MVA PR.TR.-IV AT C-DOT	BRPL	06.02.2018	UNDER BREAKDOWN.
6.	33kV LODHI ROAD - EXHIBITION GROUND -II CKT.	BRPL	17.02.2018	'B'PH. 2ND CABLE FAULTY.
7.	33kV RIDGE VALLEY - AIIMS CKT.	BRPL	09.03.2018	CABLE FAULTY.

8.	16MVA PR.TR.-III AT SHIVALIK	BRPL	12.03.2018	UNDER SHUTDOWN.
9.	20MVA PR.TR.-I AT OKHLA PH.-II	BRPL	14.03.2018	UNDER BREAKDOWN.
10.	220kV MEHRAULI - 66kV FATEHPUR BERI CKT.-I	BRPL	14.03.2018	UNDER BREAKDOWN.
11.	10MA PR.TR. AT 33kV PALAM	BRPL	15.03.2018	UNDER SHUTDOWN.
12.	33KV RIDVE VALLEY - R.K. PURAM-I CKT	BRPL	18.03.2018	CABLE FAULTY.
13.	66kV MUNDKA - NANGLOI CKT.	BRPL	08.05.2017	B & Y-PH. CABLE FAULTY.
14.	20MVA PR.TR.-II AT SAGARPUR	BRPL	06.02.2018	UNDER SHUT DOWN.
15.	66kV PAPPANKALAN-I - DWARKA-IV CKT-I & II	BRPL	08.03.2018	UNDER SHUT DOWN.
16.	20MVA PR.TR.-II AT JAFFARPUR	BRPL	12.03.2018	UNDER SHUT DOWN.
17.	25MVA PR.TR.-III AT G-4 DWARKA	BRPL	12.03.2018	UNDER SHUT DOWN.
18.	33kV NARAINA(220kV) - MAYA PURI CKT.-I	BRPL	14.03.2018	R-PH SINGLE CABLE FAYLTY.
19.	33KV PEERA GARHI - PASCHIM PURI CKT-I	BRPL	17.03.2018	CABLE FAYLTY.
20.	66kV PPG - AKSHARDHAM CKT	BYPL	06.08.2017	CABLE FAULTY.
21.	66KV MUNDKA- MANGOLPURI-I - T-OFF NANGLOI CKT.	TPDDL		CABLE FAULTY.
22.	33kV JAHANGIRPURI - AZADPUR CKT.-II	TPDDL		CABLE FAULTY.
23.	66KV DSIDC BAWANA - BAWANA-I PHASE-II CKT-I	TPDDL		CABLE FAULTY.
24.	33KV TRAUMA CENTRE - RAJIV GANDHI BHAWAN CKT.	NDMC	11.03.2018	'Y' PH. CABLE FAULTY
25.	400kV BAWANA - MUNDKA CKT.- I&II	DTL	14.05.2017	Legs of tower no.-116 twisted due to fire beneath the line. Ckt.- I & II energized upto tower no. 115 from Bawana end. Jumper opened at tower no. 115.
26.	315MVA ICT-II AT 400kV BAWANA	DTL	30.11.2017	400kV SIDE R-PH. BUSHING DAMAGED AND Y-PH. BUSHING ON 220kV SIDE (LV SIDE) DAMAGED.
27.	400kV BAHADURGARH CKT. AT CCGT BAWANA	PPCL	07.03.2018	SHUT DOWN TAKEN BY PGCIL FOR DIVERSION WORK.
28.	220/33kV 100MVA PR.TR.-I AT 220kV NARAINA	DTL	26.07.2017	Transformer damaged due to fire.
29.	33kV BUS COUPLER AT KASHMERE GATE	DTL		TRIPPING COIL PROBLEM.
30.	220kV MAHARANI BAGH - MASJID MOTH CKT-I	DTL	31.01.2018	CABLE FAULTY.

Agenda for Delhi OCC meeting dt.-27.03.2018

31.	220kV PATPARGANJ - GAZIPUR CKT.	DTL	07.02.2018	CABLE FAULTY.
32.	220kV TRAUMA CENTRE – RIDGE VALLEY CKT-II	DTL	15.02.2018	CABLE FAULTY.
33.	220/33kV 100MVA PR.TR.-II AT 220kV PREET VIHAR	DTL	12.03.2018	SHUT DOWN FOR ACETYLENE GAS FORMATION.
34.	220/33kV 100MVA PR.TR.-I AT 220kV PREET VIHAR	DTL	18.03.2018	SHUT DOWN FOR ACETYLENE GAS FORMATION.
35.	STG-2 at PPCL Bawana	PPCL Bawana	01.10.2017 00:05 hrs.	Problem in Generator Transformer. Expected by 31.05.2018.
