

	<p style="text-align: center;">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</p>
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No. F.DTL/831/F.4/2018-19/DGM (OS)/09

Date:21.05.2018

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 Fax no. 011-23366160 Fax No.011-23632031
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 (02/18-19) to be held on 24.05.2018 (Thursday) at 2:30 P.M.

Dear sir/madam,

The next Delhi OCC meeting is scheduled to be held on dt.- **24.05.2018(Thursday), 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. 02/18-19

Date : 24.05.2018 (Thursday)
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 20.04.2018.

The previous Delhi OCC meeting was held on 20.04.2018 in accordance with the agenda circulated vide letter dt: 16.04.2018. Minutes of the aforesaid OCC meeting were issued vide letter dt.01.05.2018. 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 latest status of hot reserve of transformers as discussed during previous OCC meeting are 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.
2.	400/220kV, 315MVA ICT	14		DTL Plg. Deptt. confirmed that the scheme is under preparation stage. OCC advised to expedite the same.
3.	220/66kV, 160MVA	22	2x160MVA	One 160MVA transformer would be kept as hot reserve and placed at Mundka. The scheme for 160MVA Tr. as hot reserve at Mundka has been prepared and is under approval. In steering committee meeting dated 04.04.2018 it was deliberated that 160 MVA transformer which was earlier to be kept at Rohini-II will now be placed at Mehrauli. Accordingly scheme will prepared. OCC advised that considering the continuous growth in demand and

				in view of recent failure of transformers, the scheme for both 160 MVA Trs. for Mehrauli and Mundka Sub-stn be finalized by the end of July 2018.															
4.	220/66kV, 100MVA	42	1x100 MVA	Steering Committee has already agreed for providing new 220/66kV, 100MVA hot reserve transformer at 220kV Papankalan-I by 2019-20. DTL Plg. Deptt. confirmed that the scheme for 100 MVA Tr. at PPK-I is under preparation stage. OCC advised that considering the continuous growth in demand and in view of recent failure of transformers, the scheme for 100 MVA Tr. for PPK-I Sub-stn be finalized by the end of July 2018.															
5	220/33kV, 100MVA	37	2	In steering committee meeting dated 04.04.2018 it was deliberated that one no. 100 MVA transformer which was earlier planned for Kashmere gate Sub-stn will now be placed at Okhla. Accordingly scheme for one no. 100 MVA Tr. at Okhla will prepared. The scheme for one no. 100 MVA at Patparganj is under preparation. OCC advised that considering the continuous growth in demand and in view of recent failure of transformers, the scheme for both 100 MVA Trs. for Okhla and Patparganj Sub-stn be finalized by the end of July 2018.															
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>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</td> <td>2 no</td> <td>2 no</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	2 no	2 no	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	2 no	2 no	2018-19															

It was apprised that Main tank/Accessories except Tr. oil of 100 MVA Transformer has arrived at 220kV Naraina. Further, Tr. main tank has arrived at Preet Vihar and Lodhi Road. OCC advised to expedite for supply/erection of transformers at site.

DTL to update the latest status.

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

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.

During the last OCC meeting, no representative from DTL C&MM deptt. was present to brief the current status. However, OCC opined that DTL C&MM deptt. should finalize the pending cases at the earliest in view of peak summer demand.

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

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

The status of installation of reactors in DTL system as updated by DTL Planning deptt. are 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. to update the latest status.

2.5 Delay in approval of drawings by BTPS in r/o installation of Line Differential relays in various 220kV feeders emanating from BTPS.

DTL informed that 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 already been 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. DTL has already submitted the drawings to BTPS on dated 27/02/2018. Despite of repeated persuasions, the drawing approval from BTPS end is pending.

No representative of BTPS was present in the previous OCC meeting to brief the status. However, The matter was deliberated and OCC opined that the 220kV O/G DTL lines

from BTPS are vulnerable of frequent trippings due to unauthorized construction and growth of vegetation beneath the lines. As such, the unit protection of these lines are utmost important for grid security. The BTPS representative for OCC was advised to coordinate with their concerned division for necessary approval of the drawings within 15 days. DTL Protection deptt. to coordinate with BTPS for same.

BTPS to update the latest status.

2.6 Providing reliable LT supply (415V, 3 Phase) for 400kV S/stn Bamnauli DTL.

There are two numbers of 11kV feeder named BSF and Bamnauli from BSES for providing 415V, 3 phase LT supply at 400kV Substation Bamnauli.

On 13.05.2018 during heavy storm/ poor weather condition the LT supply get disrupted and took almost 6 hours in restoration. The maintenance team also not responded promptly till the matter apprised to Head O&M BSES .

As 400 kV Bamnauli substation feeds to airport, DMRC and major portion of southwest Delhi and therefore any disturbance at Bamnauli substation will lead to larger disturbances downstream.

In view of this, BSES is requested to inform the concerned maintenance wing to restore LT supply of this substation and to coordinate DTL Substation staff properly during exigency.

Further it is also noticed that the work of 11kV feeder named “Trishul” is under progress which will feed to the area near 400kV S/stn Bamnauli. DTL has requested to arrange **for extending this supply to 400kV Bamnauli substation to enable them having reliable source to avoid any exigency.**

BRPL may deliberate.

2.7 Shifting of part load of DMRC and TPDDL from 220KV Sub Station Rohini-I to other DTL network in view of overloading of 100 MVA power transformers.

This is in reference to Shifting of part load of DMRC and TPDDL from 220KV Sub Station Rohini-I to other network available in DTL. The 220KV Sub Station Rohini-I have 04 Nos. of 100MVA Power Transformers and have already achieved peak load of 324MW for this season till date, hence N-1 criteria is not meet for this Sub Station. The peak load of DTL till date is 5410MW and considering the last years experience, it is expected that load of Delhi may raise to 7000MW this season considering the proportionate increase of approx 30% of the load at 220 KV SS Rohini-I. It may not be able to manage this much increase which may further lead to unjustified load shedding. This is also to be kept in consideration of the outage of any of the transformer.

OCC may deliberate.

2.8 Alternative supply arrangement for IGI Airport, Delhi.

The matter regarding alternate power supply for IGI Airport, Delhi was discussed in length alongwith the representative of BRPL, DIAL during meeting held on 23.01.2017 in the O/o-GM(O&M)-I,DTL. The MOM is enclosed as Annexure for reference.

DIAL/BRPL may update the latest status.

2.9 Proposed planned shutdowns of O&M, DTL

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

OCC may deliberate.

3. SLDC Agenda

3.1 Overloading of 220/66kV 100MVA Tx at 220kV Rohini S/Stn.

On 24.04.2018, TPDDL maintenance team availed planned shut-down on 66kV RG-23 Ckt-I emanating from 220kV Kanjhawala S/Stn at 13.45hrs.

Around 15.00hrs, TPDDL, ALDC shifted the load of 66kV RG-23 Ckt-II to 220kV Rohini S/Stn without consulting SLDC Minto Road leading to overloading of 220/66kV 100MVA Tx-III & IV at Rohini. Load on both the Txs increases to 98MW and 94MW respectively during peak load time. It is important to mention those 220kV and 66kV Bus couplers were opened at Rohini S/Stn at the time of shifting of load.

It is pertinent to mention that summer months have already approached and Delhi power demand has touched 5200MW which is further likely to increase in coming days. It is important to ensure proper loading on all the transmission and distribution elements for smooth operation of the power system in Delhi.

It is also noticed that 66kV Kanjhawala – RG-23 Ckt-II and 66kV Mangolpuri-I – T-Off Nangloi Ckt are under break-down since 31.03.2018 and 09.03.2018 respectively. Whereas 66kV Kanjhawala- RG-23 ckt-II revived on 10.05.18. Such a long outage of these feeders may cause hindrance in shifting of load in case of further outage of any other elements in this complex.

As such, it is advised that TPDDL, ALDC should consult SLDC Minto Road before shifting the load so that proper loading can be managed on all transmission and distribution elements. It is also requested to minimize the revival time of elements under break-down.

OCC may deliberate.

3.2 Details of Power supply sources for Water treatment plants in Delhi.

The details of power supply for the water treatment plants in delhi has been compiled with the help of feedback of discoms and detailed hereunder:

Sr. No.	Name of Water Treatment Plant	Discom	Power supply source by Discom	Power supply source by DTL
1	Wazirabad Water Works	TPDDL	4 Nos 11kV feeders from 33kV Wazirabad S/Stn.	2 Nos 33kV feeders to 33kV Wazirabad S/Stn. from 220kV Gopalpur S/Stn
2	Chandrawl Water Treatment plant	TPDDL	1 No. 11kV feeder from 33kV Civil Line S/Stn.	2 Nos 33kV feeders to 33kV Civil Line S/Stn. from 220kV Kashmiri Gate S/Stn & 1 No. 33kV feeder to 33kV Civil Line S/Stn. from 220kV Gopalpur S/Stn
3	Bawana Water Works	TPDDL	1 No. 11kV feeder from 66kV Bawana-7 S/Stn.	1 No. 66kV feeder to 66kV Bawana -7 S/Stn. from 400kV Bawana S/Stn

Sr. No.	Name of Water Treatment Plant	Discom	Power supply source by Discom	Power supply source by DTL
4	Haiderpur Water Treatment Plant	TPDDL	4 Nos 11kV feeders from 33kV Haiderpur S/Stn.	2 Nos 33kV feeders to 33kV Haiderpur S/Stn. from 220kV Shalimarbagh S/Stn & 1 No 33kV feeder to 33kV Haiderpur S/Stn. from 66kV Rohini -V S/Stn, which is further connected to 220kV Rohini -II
5	Bhagirathi Water Works	BYPL	2 Nos 11kV feeders from 66kV Bhagirathi S/Stn. & 1 No. 11kV feeder from 66kV Ghonda S/Stn.	66kV Bhagirathi S/Stn of BYPL is connected to 220kV Wazirabad S/Stn through 66kV Yamuna Vihar S/Stn. Further 66kV Bhagirathi S/Stn is also connected 400/220kV Harsh Vihar S/Stn through Ghonda S/Stn at 66kV Level
6	Sonia Vihar Water Treatment plant	BYPL	2 Nos 11kV feeders from 66kV Sonia Vihar S/Stn. which is fed from 220kV Wazirabd S/Stn.	3 Nos. 11kV feeders from 220kV Wazirabad S/Stn.
7	Nangloi Water Works	BRPL	1 No 11kV feeder from 66kV Nangloi Water Works S/Stn. which is fed from 220kV Najafgarh S/Stn as well as from 400/220kV Mundka (Tikri Kalan).	1 No 66kV feeder from 220kV Najafgarh S/Stn as well as from 400/220kV Mundka (Tikri Kalan). However the ckt. from Mundka to Nangloi Water is under breakdown since long.
8	Okhla Water Treatment Plant	BRPL	1 No 11kV feeder from 33kV Jamia S/Stn. & 33kV Sarai Juliana S/Stn. 33kV Jamia S/Stn is connected to 220kV I.P. through Kilokri S/stn and also connected to 220kV Sarita Vihar through 66kV Jasola S/Stn. This station is also connected to 220kV Okhla S/Stn. through 33kV Okhla Phase - II. Further 33kV Sarai Juliana S/Stn is connected to 220kV Okhla S/Stn through 33kV Okhla Phase -II S/Stn. and also connected to 33kV Jamia S/Stn through T-off of 33kV Okhla Phase-II - Jamia Ckt.	Okhla Water Treatment Plant has connectivity from 220kV I.P., Sarita Vihar and Okhla S/Stn.
9	Dwarka Water Treatment Plant	BRPL	02 no of 11kV feeders from 66kV Delhi Jal Board S/stn	02 no of 66kV feeder to 66kV Delhi Jal Board(Brpl) from 220kV Najafgarh & 02 no 11kV feeders from 220kV PPK-II .

Discoms are requested to validate the above details and confirm any changes if required.

Discoms may please update.

3.3 Alternate source details for 11kV feeders emanating from DTL Substations:

The alternate source details were asked from the discoms regarding 11kV feeders emanating from DTL substations. SLDC compiled the details and which is as under:

(a)11kV TPDDL feeders from DTL system

11kV Feeders of TPDDL from DTL System				
S.No.	Name of the S/Stn.	Name of the Element	DISCOM	Alternate Feeder/Sub Station
1	KANJHAWALA S/S	11kV U/G KANJHAWALA	TPDDL	
2		11kV GHEWRA	TPDDL	
3		11kV O/H KANJHAWALA	TPDDL	
4		11kV SOS BAWANA	TPDDL	
5		11kV ABC KANJHAWALA	TPDDL	
6		11kV O/H RANI KHERA	TPDDL	
7		11kV ABC RANIKHERA	TPDDL	
8		11kV ABC PUNJAB KHORE	TPDDL	
9		11kV JJ CLUSTER	TPDDL	

S.No.	Name of the S/Stn.	Name of the Element	DISCOM	Alternate Feeder/Sub Station
10	NARELA S/S	11kV U/G NARELA	TPDDL	
11		11kV DDA-A-5	TPDDL	
12		11kV NARELA O/H	TPDDL	
13		11kV DDA-B-4	TPDDL	
14		11 KV DSIDC	TPDDL	
15		11kV BAWANA	TPDDL	
16		11kV BBMB	TPDDL	
17		11kV GAUTAM COLONY	TPDDL	
18	ROHINI-I S/S	11kV DELHI GOVT. FLAT-I	TPDDL	220 RHN- RMU NO-1 DAMB CLY
19		11kV D.A.M.B. COLONY	TPDDL	11kV DELHI GOVT. FLAT-I
20		11kV PRAHLAD PUR	TPDDL	
21		11kV TELEPHONE EXCH. SEC-11	TPDDL	220 RHN -11kV CENPIED POLE MOUNTED
22		11kV SPS SEC-25 DDA	TPDDL	220 RHN -11kV STP SEC-25 MCD
23		11kV STP SEC-25 MCD	TPDDL	220 RHN -11kV SPS SEC-25 DDA
24		11kV 6/11 RHN FEEDER	TPDDL	RG-6 - 8/11 S/S
25		11kV 13/11 STN ROHINI	TPDDL	220 RHN- NDMC NO-1
26		11kV NDMC S/S NO-I	TPDDL	220 RHN- NDMC NO-2
27		11kV NDMC S/S NO-II	TPDDL	220 RHN- NDMC NO-1
28		11kV CENPIED POLE MOUNTED	TPDDL	220 RHN- TELEPHONE EXCHANGE SEC-11
29		NARAINA S/S	11kV MAGGO CKT- I	TPDDL
30	11kV MAGGO CKT-II		TPDDL	
31	11kV NARAINA VIHAR A-BLOCK S C - I		TPDDL	
32	11kV NARAINA VIHAR A-BLOCK S C - II		TPDDL	
33	11kV BRAR SQUARE		TPDDL	
34	11kV KIRBI PLACE No 1		TPDDL	
35	11kV KIRBI PLACE No 2		TPDDL	
36	11kV NARAINA VILLAGE SHIV MANDIR		TPDDL	
37	SHALIMARBAGH S/S	11kV O/H HAIDERPUR DISP.	TPDDL	220KV TO RN2C RED LIGHT- BACK UP SOURCE IS FC TO C&D1 AND C&D2.
38		11kV KU BLOCK PITAM PURA	TPDDL	
39		11kV SEWAGE PUMP	TPDDL	220 SMB --BOOSTER PUMP& RG-5--6/18
40		11kV VILLAGE BADLI-I	TPDDL	220 SMB-11kV VILLAGE BADLI-II & BOOSTER PUMP
41		11kV VILLAGE BADLI-II	TPDDL	RG-5--6/18
42		11kV PRASHANT VIHAR	TPDDL	
43		11kV BOOSTER PUMP	TPDDL	220 SMB -11kV SEWAGE PUMP & 6/18
44		11kV U/G HAIDERPUR DISP.	TPDDL	220KV TO U/G HAIDERPUR DISPENSARY - -SMB FC GRID TO ESS STAFF QUARTER
45		11kV PITAM PURA	TPDDL	
46		11kV 11B SHALIMABAGH	TPDDL	220KV TO PARKWALA- BACK UP SOURCE IS FC TO KHATTEWALA
47		11kV MTD	TPDDL	
48		11kV FU PPR	TPDDL	
49		11kV 10BLOCK SHALIMARBAGH	TPDDL	220KV TO PREMIER INN -BACK UP SOURCE IS FACILITY CENTER GRID TO PREMIER INN
50		SUBZIMANDI S/S	11kV PALACE CINEMA	TPDDL
51	11 KV TILAK CHOWK CKT		TPDDL	
52	11kV SUBZI MANDI MAIN BAZAR		TPDDL	
53	11kV NARBADA COLD STORAGE		TPDDL	
54	11kV NEW COURT		TPDDL	

55		11kV KABIR BASTI	TPDDL	
56		11kV PARAG ICE FACTORY	TPDDL	
57		11kV St. STEPHENS HOSPITAL	TPDDL	
58		11kV DELHI SCHOOL OF ECONOMICS	TPDDL	
59		11kV BARA HINDU RAO (PS)	TPDDL	
60		11kV HINDU RAO HOSPITAL	TPDDL	

(b)11kV Feeders of BRPL from DTL System

S.No.	Name of the S/Stn.	Name of the Element	DISCOM	Alternate Sub Station	Alternate Feeder
1	LODHI ROAD S/S	11kV SCOPE BUILDING	BRPL	220 LODHI ROAD	SCOPE BILDING NO 15
2		11kV NBCC	BRPL	NZD GRID	LODHI HOTEL
3		11kV SCOPE COMPLEX 15	BRPL	220 LODHI ROAD	SCOPE BILDING NO 16
4		11kV DEFENCE COLONY	BRPL	NZD GRID	G BLK, NZD WEST
5		11kV MSO-I	BRPL	220 LODHI ROAD	MSO NO 2
6		11kV MSO-II	BRPL	220 LODHI ROAD	MSO NO 1
7		11kV STADIUM R-1	BRPL	220 LODHI ROAD	LODHI HOTEL
8		11kV CABINET SECRETARIAT	BRPL	NZD GRID	CABINET SECRETARIAT 5A
9		11kV INSTITUTIONAL AREA	BRPL	220 LODHI ROAD	LODHI CLY COMPT. CENTRE
10		11kV STADIUM R-7			
11		11kV UNIDO S/S	BRPL	220 LODHI ROAD	SEWAGAE PUMPING STN.
12		11kV SEWAGE PUMP STATION	BRPL	220 LODHI ROAD	UNIDO
13		11kV DEFENCE COLONY UNDER FLY OVER	BRPL	NZD GRID	"G" BLK NZD WEST
14		11kV DOE-I	BRPL	220 LODHI ROAD	D.O.E.NO-2
15		11kV DOE-II	BRPL	220 LODHI ROAD	D.O.E.NO-1
16		11kV LODHI COLONY COMP. CENTRE	BRPL	220 LODHI ROAD	INSTITUTIONAL AREA
17		11kV NBCC EAST-BLOCK	BRPL	220 LODHI ROAD	UNIDO
18		11kV SCOPE BUILDING 16	BRPL	220 LODHI ROAD	SCOPE BILDING NO 15
19		11kV TELEPHONE EXCH.	BRPL	220 LODHI ROAD	SOOCHNA BHAWAN
20	MEHRAULI S/S	11kV DERA BHATI	BRPL	C-DOT GRID	IIPM NO. 1
21		11kV ANDHERIA BAGH-I	BRPL	C DOT	DLF GATE NO.2
22		11kV ANDHERIA BAGH-II	BRPL	C DOT	CHATTERPUR NO. 2
23		11kV VASANT KUNJ A-BLOCK	BRPL	33KV ANDERIA BAGH	VASANT KUNJ PKT A
24		11kV VASANT KUNJ D-BLOCK	BRPL	33KV ANDERIA BAGH	V KUNJ PKT D
25		11kV FATEHPUR BERI	BRPL	C-DOT GRID	RAJ SWRAJ FEEDER
26	NAJAFGARH S/S	11kV D.T.L. COLONY	BRPL	220 KV NJF	NAJAFGARH NO.1
27		11kV NAJAFGARH-I	BRPL	220 KV NJF	DESU COLONY
28		11kV RAMA PARK	BRPL	PPK-2	DMRC SHOPING COMPLEX
29		11kV DEEN PUR	BRPL	66 KV DJB	JHATIKARA
30		11kV T.P. KOTLA	BRPL	220 KV NJF	DESU COLONY
31		11kV ANAJ MANDI	BRPL	220 KV NJF	NEW ANAJ MANDI
32		11kV NANGLI SAKRAWATI	BRPL	66 KV DJB	KAPOOR FARM

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33		11kV 7-PANEL BOARD	BRPL	220 KV NJF	ANAJ MANDI
34		11kV PUMPING STATION	BRPL	66 KV DJB	XI ROSANPURA
35		11kV CHHAWALA TRUNK	BRPL	220 KV NJF	DICHAO
36		11kV KAKROLA	BRPL	PPK-2	DWARKA
37		11kV DICHAON	BRPL	220 KV NJF	ANAJ MANDI
38	NARAINA S/S	11kV GOPI NATH BAZAR /OLD NANGAL	BRPL		
39		11kV DDA LSC OKHLA-II	BRPL	OKHLA GRID	DDA LSC
40		11kV GIRI NAGAR-I	BRPL	BALAJI STATE 33 KV GRID	GIRI NGR SS1
41		11kV GIRI NAGAR-II	BRPL	BALAJI STATE 33 KV GRID	GIRI NGR S/STN NO-2
42		11kV POCKET A-10 KALKAJI EXT	BRPL	ALAKNANDA	GALI NO-16 GOVINDPURI
43	OKHLA S/S	11kV POCKET A-12 KALKAJI EXT	BRPL	ALAKNANDA	GALI NO-16 GOVINDPURI
44		11kV ALAKNANDA	BRPL	ALAKNANDA	NILGIRI APARTMENT
45		11kV POCKET A-18 KALKAJI EXT	BRPL	BAALAJI	PKT A-3 KALKAJI EXTN
46		11kV TARA APARTMENT	BRPL	ALAKNANDA	DDA SLUM QTRS
47		11kV GOVIND PURI GALI NO-5	BRPL	33 KV BALAJI	GOVID PURI GALI NO.10
48		11kV SEC-II PAPANKALAN	BRPL	G-5 MATIALA	PRAGYA CGHS
49		11kV SEC-10 PAPANKALAN	BRPL	G-6	HILANSH
50		11kV PERIPHERAL No-I	BRPL	220 KV PPK 1	BENGALI COLONY
51		11kV MAHALUXMI SEC-6	BRPL	G-4 DWK	DDA GROUND RMU NO-1
52		11kV MANGLAPURI Ph-II	BRPL	G2 PAPPAN KALAN	SADH NAGAR GALI NO-22
53		11kV SEC-19	BRPL	G-7 DWARKA	UNIQUE APPARMENT
54		11kV NSIT	BRPL	G-5 MATIALA	SEC -3 DWARKA
55	PAPPANKALAN-I S/S	11kV PERIPHERAL No-II	BRPL	220 KV PPK 1	C-2, MAHAVEER ENCLAVE
56		11kV BENGALI COLONY	BRPL	220 KV PPK 1	PERIPHERAL-1
57		11kV NASEERPUR	BRPL	G2 PAPPAN KALAN	NASSIRPUR SCHOOL
58		11kV PALAM VILLAGE	BRPL	G2 PAPPAN KALAN	RMU-2
59		11kV SEC-7, PPK	BRPL	G2 PAPPAN KALAN	RMU-1
60		11kV EVERGREEN	BRPL	G-7 DWARKA	SEC 7 PKT 2
61		11kV VINODPURI	BRPL	220 KV PPK 1	PERIPHERAL-2
62		11kV C-2 MAHAVIR ENCLAVE	BRPL	220 KV PPK 1	PERIPHERAL-2
63		11kV S/S. No. 21 SVR	BRPL	220 KV SARITA VIHAR	S/STN22 SARITA VIHAR
64		11kV JAIPUR	BRPL	66 KV SARITA VIHAR	AMERICAN EXPRESS
65		11kV SAURABH VIHAR-I	BRPL	MCIE GRID	LUV KUSH
66	SARITA VIHAR S/S	11kV SAURABH VIHAR-II	BRPL	MEETHAPUR GRID	MADRASI COLONY
67		11kV ALI VILLAGE	BRPL	MATHURA ROAD GRID	BADARPUR O/H FEEDER
68		11kV IOC	BRPL	66 KV SARITA VIHAR	SAHEEN BAGH
69		11kV S/S No. 22 SVR	BRPL	220 KV SARITA VIHAR	S/STN 21 SARITA VIHAR
70		11kV AMERICAN EXPRESS	BRPL	66 KV SARITA VIHAR	AMERICAN EXPRESS

71		11kV SEWAGE PUMPING STN.	BRPL	MATHURA ROAD GRID	S/STN 8 SARITA VIHAR
72	VASANT KUNJ S/S	11kV C-8 S/S-I	BRPL	220 KV S/STN. C-9 VASANT KUNJ	C8 SS 1 F2 V KUNJ
73		11kV C-8 S/S-II	BRPL	220 KV S/STN. C-9 VASANT KUNJ	C8 SS 1 F1 V KUNJ
74		11kV AIRPORT AUTHORITY	BRPL	220 KV S/STN. C-9 VASANT KUNJ	NANGAL DIARY KIOSK
75		11kV SPINAL INJURY HOSP.	BRPL	VASSANT KUNJ D-7 66 KV GRID	NANGAL DAIRY NO. 2
76		11kV S/S-5 C-9	BRPL	220 KV S/STN. C-9 VASANT KUNJ	C9 SS 2 V KUNJ
77		11kV S/S-I C-9	BRPL	220 KV S/STN. C-9 VASANT KUNJ	C9 SS 5 V KUNJ
78		11kV AB HOTEL	BRPL	66 KV PALAM	AB HOTEL (RADDISON)
79		11kV MAHIPALPURI	BRPL	VASSANT KUNJ D-7 66 KV GRID	CENTAUR HOTEL
80		11kV NANGAL DIARY	BRPL	220 KV S/STN. C-9 VASANT KUNJ	IAAI COLONY
81		11kV RANGPURI	BRPL	VASSANT KUNJ D-7 66 KV GRID	NANGAL DAIRY NO. 2

(c) 11kV Feeders of BYPL from DTL System

11kV Feeders of BYPL from DTL System				
S.No.	Name of the S/Strn.	Name of the Element	DISCOM	Alternate Feeder/Sub Station
1	GAZIPUR	11kV SFS DDA FLAT	BYPL	SFS FLAT GRID GAZIPUR VIA TAJ APPARTMENT.
2		11kV DDA FLAT GAZIPUR	BYPL	GAZIPUR TO 11kV BOOSTING PUMP STATION, GAZIPUR TO 11kV FISH MKT.-2
3		11kV FISH MKT-1	BYPL	GAZIPUR TO 11kV FISH MKT.-2, GAZIPUR TO 11kV BOOSTING PUMP STATION
4		11kV FISH MKT.-2	BYPL	GAZIPUR TO 11kV FISH MKT-1, GAZIPUR TO 11kV BOOSTING PUMP STATION
5		11kV KHICHRIPUR S/S-3	BYPL	GAZIPUR TO KALYAN VAS NO-1, KHICHRIPUR TO 11kV LBS HOSPITAL
6		11kV BOOSTING PUMP STATION	BYPL	GAZIPUR TO 11kV DDA FLAT GAZIPUR, GAZIPUR TO 11kV KHICHRIPUR S/S-3
7		11kV TELCO-1	BYPL	1.FIE- S/STN NO-3, 2. CNG PUMPING STATION VIA S/STN NO-2
8		11kV TELCO-2	BYPL	1.TELCO NO-3 GAZIPUR VIA SHIV MANDIR, 2. FIE S/STN NO-3 GAZIPUR
9		11kV TELCO-3	BYPL	FIE S/STN NO-3 VIA SHIV MANDIR GHZIPUR
10		11kV SFS TAJ APPT.	BYPL	SFS DDA FLAT
11	KASHMIRI GATE	11kV DMRC	BYPL	NOT BYPL FEEDER
12		11kV ASAF ALI HOSP	BYPL	NOT BYPL FEEDER
13		11kV BELA ROAD	BYPL	NEW KASMERE GATE FROM TOWN HALL
14		11kV ELECTRIC CREMATORIUM	BYPL	ROSE BUD FROM I G STD. GRID, RAILWAY POWER HOUSE FOUNTAIN GRID
15		11kV ISBT FLY OVER	BYPL	NOT BYPL FEEDER
16		11kV MAHAVIR ICE FACTORY	BYPL	NOT BYPL FEEDER
17		11kV LUDLOW CASTLE	BYPL	NOT BYPL FEEDER
18		11kV HAMILTON ROAD	BYPL	HAMILTON ROAD FROM TOWN HALL

19		11kV JINDAL HOSP.	BYPL	NOT BYPL FEEDER
20		11kV METCALF HOUSE	BYPL	NOT BYPL FEEDER
21		11kV NEW KASHMERE GATE	BYPL	NEW KASHMERE GATE FROM TOWN HALL
22		11kV GPO	BYPL	RAILWAY POWER HOSE FROM FOUNTAIN GRID
23	PATPARGANJ	11kV GANESH NAGAR	BYPL	S/STN NO-1 IP EXTN VIA TRUCK MARKET RMU
24		11kV MOTHER DAIRY	BYPL	E-BLOCK GANESH NAGAR, D PARK PANDAV NAGAR FROM SHAKARPUR GRID
25		11kV NATIONAL DAIRY-II	BYPL	FEEDER NOT IN SERVICE
26		11kV DVB STAFF QTR-I	BYPL	1.PRIMARY SCHOOL MANDAWLI VIA GH-II GRID 2. MANDAWLI VIA GH-I GRID
27		11kV DVB STAFF QTR-II	BYPL	1.PRIMARY SCHOOL MANDAWLI VIA GH-II GRID 2. MANDAWLI VIA GH-I GRID
28		11kV COMMERCIAL BLOCK	BYPL	WB BLOCK PARK WALA S/STN
29		11kV SHAKARPUR KIOSK	BYPL	1.SANJAY PARK VIA VIKAS MARG RED LIGHT NIRMAN VIHAR 2. TIKONA PARK FEEDER VIA POLICE BOOTH
30		11kV NIRMAN BHAWAN FLATS	BYPL	1.LSC PREET VIHAR VIA PREET VIHAR SABJI WALA SUB STATION , 2. F BLOCK VIA GH-II BLOCK PREET VIHAR
31		11kV MOTHER DAIRY STAFF QTRS	BYPL	1.C BLOCK PATHAR WALA VIA C BLOCK SHAKARPUR GRID FEEDER 2. E BLOCK VIA AKSHARDHAM
32		11kV RAINEYWALL	BYPL	1.GANESH NAGAR FISH WALA S/STNO 2. A BLOCK PANDAV NAGAR VIA S BLOCK SHIV MANDIR
33		11kV PREET VIHAR	BYPL	1.PREET VIHAR VIA GURU ANGAD NAGAR GRID 2. F BLOCK PREET VIHAR
34	WAZIRABAD	11kV D-BLOCK GAMRI	BYPL	DDA COMPLEX NO-1 FROM SHASTRI PARK (E) GRID
35		11kV TUKHMIR PUR	BYPL	CRPF CAMP FROM SONIA VIHAR GRID AND C BLK DAYALPUR FROM KWN GRID
36		11kV BHAJANPURA B-BLOCK	BYPL	A BLK BHAJANPURA FROM SONIA VIHAR GRID
37		11kV SONIA VIHAR WTP-I	BYPL	SONIA VIHAR WTP-2&3 FROM SONIA VIHAR GRID
38		11kV BPS-II	BYPL	KHAJURI KHADDA FROM SONIA VIHAR GRID
39		11kV BPS-I	BYPL	KHAJURI KHADDA FROM SONIA VIHAR GRID
40		11kV SONIYA VIHAR RAW WATER	BYPL	SONIA VIHAR WTP-2&3 FROM SONIA VIHAR GRID
41		11kV SHAHDAT PUR	BYPL	CRPF CAMP FROM SONIA VIHAR GRID AND C BLK DAYALPUR FROM KWN GRID

42	11kV WNBC SWTH STN-II	BYPL	SONIA VIHAR PART-6, C BLK 3RD PUSTA FROM SONIA VIHAR GRID
43	11kV PUSTA VIJAY COLONY	BYPL	DDA COMPLEX NO-1 FROM SHASTRI PARK (E) GRID
44	11kV MONI BABA MANDIR	BYPL	MCD FLATS FROM SEELAMPUR GRID
45	11kV SHAHDARA BANH	BYPL	ZERO PUSTA FROM SHASTRI PARK (E) GRID

It has been observed from the above that most of the TPDDL 11kV feeders do not have alternate arrangement in the event of breakdown.

SLDC/Discoms may deliberate.

4. PPCL Agenda

PPCL have informed that in the recent times, the tripping of PPS-1 units due to grid disturbance has increased abruptly. The details are as under:-

Date	Time	No of units Tripped	Reason for Tripping
16.05.2018	02.57 hrs	01	220 KV Bus II HVCV opened and GT#01 Tripped due to class 'C' Under Frequency realy operated
13.05.2018	19.46 hrs	01	220 KV Bus II HVCV opened and GT#01 Tripped due to class 'C' Under Frequency realy operated
03.05.2018	07.19 hrs	02	220 KV Bus I disturbance GT#02 and STG Tripped.
21.02.2018	12.34 hrs	02	STG Tripped on grid disturbance PPS-1 came on islanding position, GT#1, GT#2, STG HVCV opened at 13 :52, 13:47 Hrs.
14.02.2018	08.52 hrs	03	GT#1, GT#2, STG tripped on grid disturbance, PPS-1 came into black out condition.
14.02.2018	17.49 hrs	01	STG Tripped due to grid disturbance.

Though there is UI suspension during such trippings but this type of frequent starting and shutdown develop thermal stresses on machines, reduces running hours for major overhauling and additional burdens for cost of gas, increased heat rate, higher auxiliary power consumption, operation and maintenance cost escalation and loss of generation of electricity. It is further to mention that every start consumes more than 5 Lacks of gas bill.

OCC may deliberate.

5. BRPL Agenda

1. Rewari-line PTR which is feeding BRPL area is under augmentation work from 20-Feb-2018. Shedding may occur due to this if temp rises. TPDDL to update.
2. Hand-over of 33KV feeders Khyber line-1& 2 from Ridge Valley to MES discom is proposed by BRPL. MES official needs to be available for discussion.
3. BRPL have requested for nomenclature updation of BRPL feeders (66KV and 33KV feeders emanating from DTL grids). Procedure for same be updated.
4. Schedule and approval of Testing of CT& PT of all 4 power transformers at 220 Mehrauli may be decided. Pl refer attachments.

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

Members to 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 18.05.2018
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.	66kV V.KUNJ INSTL.AREA-RIDGE VALLEY CKT.-I	BRPL	26.03.2017	UNDER SHUT DOWN
3.	11kV I/C-I AT RIDGE VALLEY	BRPL	24.01.2018	UNDER BREAKDOWN.
4.	33kV ALAKHNANDA - OKHLA CKT.-I	BRPL	19.04.2018	BREAKER PROBLEM
5.	66kV RIDGE VALLEY - BAPU DHAM CKT.	BRPL	16.05.2018	Y-PHASE CABLE FAULTY
6.	66kV MUNDKA - NANGLOI CKT.	BRPL	08.05.2017	B & Y-PH. CABLE FAULTY.
7.	33kV PANKHA ROAD - JANAKPURI CKT.-I	BRPL	08.05.2018	B & Y-PH. SINGLE CABLE FAULTY.
8.	33kV PANKHA ROAD - JANAKPURI CKT.-II	BRPL	13.05.2018	Y-PH. SINGLE CABLE FAULTY.
9.	66kV PAPANKALAN -III - G-4 DWARKA CKT. I&II	BRPL	15.05.2018	UNDER BREAKDOWN.
10.	66kV YAMUNA VIHAR - BHAGIRATHI CKT.-II	BYPL	04.05.2018	Y-PH. SINGLE CABLE FAULTY.
11.	66KV MUNDKA- MANGOLPURI-I - T-OFF NANGLOI CKT.	TPDDL	09.03.2018	CABLE FAULTY.
12.	33kV SHAHZADA BAGH - T-OFF RAMA ROAD CKT.	TPDDL	13.04.2018	CABLE FAULTY.

13.	33kV BAY -10 (IP - ELECTRIC LANE)	NDMC	16.05.2018	B-PH. CABLE FAULTY.
14.	400/220kV 315MVA ICT-I AT BAWANA	DTL	16.05.2018	R-PHASE BUSHING TO BE REPLACED DUE TO HIGH TAN DELTA RESULTS.
15.	220/33kV 100MVA PR.TR.-I AT 220kV NARAINA	DTL	26.07.2017	TR. DAMAGED DUE TO FIRE.
16.	33kV BUS COUPLER AT KASHMERE GATE	DTL		TRIPPING COIL PROBLEM.
17.	220kV TRAUMA CENTRE – RIDGE VALLEY CKT-II	DTL	15.02.2018	CABLE FAULTY.
18.	220/33kV 100MVA PR.TR.-II AT 220kV PREET VIHAR	DTL	12.03.2018	TRANSFORMER FAULTY & NEED TO BE REAPIRED IN O.E.M WORKSHOP.
19.	220/66kV 160MVA PR.TR.-III AT 220kV VASANT KUNJ	DTL	26.04.2018	TRANSFORMER BURNT DUE TO FIRE. TO BE RELACED.
20.	STG-2 at PPCL Bawana	PPCL Bawana	01.10.2017 00:05 hrs.	Problem in Generator Transformer. Expected by 15.07.2018.
