

	DELHI TRANSCO LIMITED (A Govt. of NCT of Delhi Undertaking) An ISO 9001:2008 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
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No. F.DTL/831/F.4/2017-18/DGM (OS)/67

Date:-13.10.2017

To,
All Members of Operation Co-ordination committee

DTL	General Manager (O&M)-I, Chairman OCC General Manager (O&M)-II 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	DGM	Fax no. 011-66050602
BRPL	Vice President (SO) Asstt. Vice President	Fax no. 011-39996549 Fax no. 011-39996549
BYPL	Asstt. Vice President (SO)	Fax no. 011-39996549
NDMC	Executive Engineer (M/F)	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.) General Manager (Elect.)	Special Invitee 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 :- MOM of Delhi OCC Meeting held on 28.09.2017 at 220kV Park Street Building.

Dear sir/madam,

Delhi OCC meeting for Sep-2017 was held on **28.09.2017** at O/o :- **GM(O&M)-I, Delhi Transco Ltd., 220kV Sub-stn Park Street Building, Opp. Talkatora Stadium, Near R.M.L. Hospital, New Delhi-110001.**

The minutes of meeting are enclosed herewith for your kind perusal and further necessary action please. The same has also been uploaded on DTL website, www.dtl.gov.in under the Tab "News and Information – OCC Meeting".

Thanking You.

Enclosure: MOM of Delhi OCC meeting.

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

Copy for favour of kind information to:

1. Member Secretary, NRPC, 18-A, SJS Marg, Katwaria Sarai, New Delhi-110016.
2. Secretary, DERC, Viniyamak Bhawan, C-Block, Shivalik, New Delhi-17.
3. Chairperson & Managing Director, DTL.
4. Director (Operations), DTL
5. General Manager (Project)-I, DTL
6. General Manager (Project)-II, DTL

**DGM(OS),DTL
Convener-OCC**

DELHI TRANSCO LIMITED

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

MOM OF OCC MEETING DT. 28.08.2017

GM (O&M)-I, DTL, Chairman-OCC welcomed the members of OCC. List of participants are enclosed herewith as Annexure-1. The meeting was started with the presentation on review of grid operation for Aug 2017. It was informed that Delhi peak demand of 6129 MW for Aug-2017 was met on 18.08.2017 at 22:50:57 hrs. Discom wise load as well as generation within Delhi during the peak and load curve for all the Discoms during the Aug month was depicted. Planning of Grid operation for Oct 2017 was also discussed, wherein it was explained that the anticipated peak demand for Oct 2017 would be around 5200 MW.

The point-wise deliberations made during the OCC meeting are as under:

1. Confirmation of minutes of previous Delhi OCC meeting held on dated 28.08.2017.

The previous Delhi OCC meeting was held on 28.08.2017. Minutes of the aforesaid OCC meeting were issued vide letter dt. 08.09.2017 and sent to all the participants/OCC members via e-mail. The minutes were also uploaded on DTL website (www.dtl.gov.in) under the Tab “News and Information – OCC Meeting”.

No comments have been received. **Members confirmed the minutes of OCC meeting dt. 28.08.2017 issued vide letter no.-F.DTL/831/F.4/2017-18/DGM(OS)/59, dt. 10.08.2017.**

2. DTL Agenda :

2.1 Status of Hot Reserve of transformers at all levels.

The status of hot reserve of transformers at all levels were discussed and the updated status are as under:-

S. No.	Transformation Capacity	Present population in nos.	Updated status as on 28.09.2017
1.	400/220 kV 315 MVA ICT	14	315 MVA ICT EMCO make dismantled from Bawana Sub-stn which is being repaired will be considered as hot reserve and will be commissioned at Tikri Kalan. For 500MVA Tr, the matter would be considered in the Steering committee.
	400/220 kV 500 MVA ICT	2	
2.	220/66 kV 160 MVA Tr.	22	Steering Committee decided that 1 No. new 160 MVA, 220/66kV transformer as spare/hot reserve to be placed at 400kV Tikri Kalan (Mundka) substation as the earlier approved spare/ hot reserve 160MVA transformer at Kanjhawala Sub-stn has been included in the transmission capacity to meet the load of the downward distribution system.
3.	220/33 kV 100 MVA Tr.	41	It was informed that 1 No. 220/33kV transformer as hot reserve has already been approved for 220kV Patparganj.
4.	220/66 kV 100 MVA Tr.	41	The matter regarding provision of second spare 100MVA was discussed in the steering committee meeting and it was decided that the 220/66kV, 100MVA transformer damaged at PPK-I after repairing will be placed at PPK-I as second hot reserve 100 MVA transformer.

5.	66/11 kV 20 MVA Tr.	24	As per the Business plan of DTL, the outlived transformers would be replaced in phased manner (2 nos. in each FY). For the hot reserves, the matter has not yet been finalized in the steering committee meeting. Discom will provide transformer to DTL on loan basis as and when required in case of exigencies till such time.
6.	33/11 kV 20/16 MVA Tr.	16	

OCC advised that the criteria/guidelines for hot reserve be discussed in the forthcoming steering committee meeting.

(Action by DTL Planning deptt.)

2.2 Tripping of 220 kV Bamnauli-Pappankalan II Ckt.-1 & 2 from Bamnauli end on dt.-20.05.2017 at 23:53 hrs. and 23:57 hrs. respectively.

On dt.-20.05.2017, 220 kV Bamnauli-Pappankalan II Ckt-1& 2 got tripped at 23:53 hrs and 23:57 hrs respectively at Bamnauli end on backup protection and the supply at PPK-II got failed due to radial feed from Bamnauli grid. Later on it was came to notice that the fault was at BRPL 66 kV Hastal grid at the 11 kV end. The fault of 11 kV level should have been cleared at 11 kV or 66 kV level at the BRPL station, but it was not cleared leading to fire. In this particular case at the time of fault at BRPL end the current of 66 kV Hastal feeders was probably less than 800 Amp so the 66 kV feeder was not supposed to trip. Whereas the current of 220 kV feeder as noted from disturbance record of Bamnauli end was 1000 Amp and the feeder has rightly tripped on over current setting resulting supply at PPK-II got failed due to radial feed from Bamnauli grid.

BRPL should provide the following details before the OCC for deliberation of the above incident-

- A. Single line diagram of the 66 kV Hastal Grid substation.
- B. System configuration at the time of incident
- C. Connectivity of the BRPL Power network.
- D. Incident report by BRPL alongwith DR and SOE.
- E. Tripping analysis report by BRPL
- F. Details of the SCADA Connectivity along with DATA acquisition configuration of 66 kV Hastal to BRPL System Control Room (Balaji) for monitoring of the unmanned substation.
- G. Immediate Remedial measure to avoid such type of incident.

The mater was discussed and BRPL informed that the report is already finalized and will be shared within a week.

(Action by BRPL)

2.3 Non provision of 33kV cable holding arrangement by NDMC and improper sealing of 33kV cable duct/trench at 220/33 kV Sub-stn HCML and AIIMS Trauma centre.

The subjected matter was discussed during the previous OCC meeting as under:-

(i)220 KV GIS S/Stn. AIIMS Trauma Centre-

There are 18 Nos. 33 KV outgoing feeders at 220 KV GIS S/Stn. AIIMS Trauma Centre out of which 12 Nos. pertains to NDMC, 02 No. pertains to BRPL and 04 Nos. are spare at present. Cable holding arrangement is not provided in any feeders resulting damage of cable end termination box due to stress in the event of fault. Cable end termination box of 33 KV bay No. 19 along with PT was damaged due to same reason. Replacement of multi cable end termination box is very costly amounting to Rs. 27Lacs approx and time consuming being OEM item. It is pertinent to mention here that cable end termination box in which cable is to be inserted pertains to the user entity. Further, cable duct/trench are not properly sealed hence

water and mud enters through entry points/pipes in the 33 KV GIS basement in rainy season. Matter was taken up with NDMC since 06.04.2015 but no progress has been made.

(ii)220 KV GIS S/Stn. HCML-

There are 15 Nos. 33 KV outgoing feeders at 220 KV GIS S/Stn.HCML out of which 09 Nos. pertains to NDMC, and 06 Nos. are spare at present. Cable holding arrangement is not provided in any feeders resulting damage/flash of cable end termination box due to stress in the event of fault. Recently on 01.06.2017, there was heavy flash on cable end termination of 33 KV feeder Connaught place (Bay No. 02) during fault and in outage since then. Further, cable duct/trench are not properly sealed hence water and mud enters through entry points/pipes in the 33 KV GIS basement in rainy season. Matter was taken up with NDMC since 06.04.2015 but no progress has been made.

The matter was deliberated in OCC meeting held on 28.06.2017 and a committee comprising of officers from DTL and NDMC was formed to resolve the issues and directed to update the status in next OCC meeting.

Accordingly, committee members met at 220 KV S/Stn. AIIMS Trauma Centre on 06.07.2017 and following decisions were taken. The contents of MOM are as under:-

- 1) NDMC has already agreed in the meeting dated 06.04.2015 (MOM of the same was circulated on 09.04.2015) that they will provide proper cable holding arrangement with alignment to cable end termination in all the feeders.
- 2) NDMC will ensure that all existing pipes are properly sealed from inside of 33KV GIS basement to avoid rain water entry in the basement of 33kV GIS.
- 3) The mud inside the basement shall be removed by DTL after completion of the works by NDMC as specified at Sr. No. 1 and 2.
- 4) NDMC will ensure proper earthing with suitable current rating links of cable sheaths and armors at DTL end in all the 33KV feeders.
- 5) NDMC will ensure proper workmanship during dismantling/insertion of cable and other associated works under intimation and satisfaction to DTL.
- 6) In addition to above, it was also decided that planning department will take care in future upcoming sub-stations with insertion of scope of works for erection of structure for cable holding from cable entry point to 66/33kV cable end terminations.

It has been requested by DTL that NDMC should update the status with its time frame.

No representative from NDMC was present in the meeting to update the status.

However, it was informed by DTL that NDMC official have visited the site during last month to explore the possibilities to complete above mentioned works. But as of now the works are still in progress and needs to be expedited.

OCC advised that NDMC should gear up the work as agreed in the meeting held on 06.07.2017 for proper safety of men and material.

(Action by NDMC)

2.4 Evacuation Schedule for 220/66kV S/stn. Pappankalan-III.

220/66kV PPK-III S/Stn. project with 320MVA Transformation capacity is in advance stage of completion and scheduled to be charged by Oct-Nov 2017. As per approved scheme 11 No. 66kV Feeder bays shall be emanating from 220kV S/stn PPK-III. Out of these 11 No. feeders 09 Nos. and 02 Nos. are allocated to BRPL and DMRC respectively.

In view of this upcoming project of 220/66kV PPK-III scheduled to charge within next 2 Months, BRPL and DMRC may kindly provide its evacuation schedule for the 220kV PPK-III Sub-station.

It was informed by BRPL that 06 nos. 66 kV feeders are ready to be terminated at the Sub-stn. However, the remaining feeders are expected by March 2019.

DMRC informed that regarding the evacuation of power from 2 nos. 66 kV bays, they are working in line with the energization of Sub-stn.

OCC advised BRPL/DMRC to expedite for energization of their feeders in line with the energization of 220kV S/stn PPK-III.

(Action by BRPL/DMRC)

2.5 Availability calculation of DTL Transmission System as per MYT Regulation notified on 01.09.2017.

DERC notified Business Plan Regulation, 2017 which is applicable for FY 2017-18, 2018-19 & 2019-20. The same has also been uploaded on DERC website. In the said Business Plan Regulation 2017, the procedure for calculation of Transmission System Availability of DTL has been indicated at Appendix-I, II, III on page 25-29.

As per new DERC Regulation, the guidelines and methods have been modified for computation of Transmission System Availability of Lines as under:-

- Weightage factor of different Transmission Elements:

(a) For each circuit of AC lines is:

$$W_{\text{line}} = \text{Surge Impedance Loading (SIL)} \times \text{CKT Length (Km.)}$$

As per DERC Business Plan Regulation, 2017 the SIL rating for various voltage level and conductor configuration is mentioned in Appendix-II as detailed here under:

S. No.	Line (kV)	Voltage	Conductor Configuration	SIL (MW)
1.	765		Quad Bersimis	2250
2.	400		Quad Bersimis	691
3.	400		Twin Moose	515
4.	400		Twin AAAC	425
5.	400		Quad Zebra	647
6.	400		Quad AAAC	646
7.	400		Triple Snowbird	605
8.	400		ACKC(500/26)	556
9.	400		Twin ACAR	557
10.	220		Twin Zebra	175
11.	220		Single Zebra	132
12.	132		Single Panther	50
13.	66		Single Dog	10

It is also indicated in the regulations that ***for the voltage levels and/or conductor configurations not listed in Appendix-II, appropriate SIL based on technical considerations may be used for availability calculation under intimation to long-term transmission customers/DICs.***

DTL is maintaining system with voltage levels from 400kV, 220kV, 66kV, 33kV and 11kV. With respect to 66kV, 33kV and 11kV voltage levels, feeders emanating from DTL substations bays are maintained by DTL up to the lightning arrester. For recovery of full transmission charges, DTL has to maintain the target availability fixed in the regulations for all the elements being maintained by DTL. For computation of transmission system availability which was introduced from 2007-08 onwards, DTL has been considering all the feeder elements from 400kV to 11kV in DTL system.

In view of above, DTL requested DISCOMs to provide the feeder wise Conductor configuration and SIL for their respective feeders/ AC circuits emanating from DTL substations, for computation of DTL Transmission system Availability.

M/s TPDDL and BYPL representatives insisted that for computation of Transmission System Availability, only 400kV and 220kV transmission system elements should be considered as w.r.t. 66kV, 33kV and 11kV feeders emanating from DTL substations are being maintained by DISCOMs and only respective bays are maintained by DTL. In nowhere DERC regulation, bays availability is mentioned to be considered for computation of Transmission System Availability.

DTL clarified that only computation methodology has been revised by DERC in its regulation. Further, it appears that none of the DISCOMs has commented on the draft regulation when it was sought for. After completing all formalities, DERC has now notified the regulation. As such, we have to implement the same until otherwise some appellate authority has modified the same.

The representative of Planning department of DTL intimated the significant feature of SIL in respect of Underground Cables. Surge Impedance of Overhead transmission Lines generally lies in the range of 400-600 Ohms whereas the Cables it is in the range of 40-60 Ohms. The **Surge impedance loading in MW is computed by dividing the Square of Line to Line voltage kV by Surge Impedance in Ohms.** As such, the surge impedance loading depends on the voltage level at which different configuration of conductors are connected. It was also indicated that as per cable manufacturer's design parameters, Surge Impedance and ampacity of different sizes of cables are as under:

S. No.	Copper conductor cross section (in mm ²)	Surge Impedance (in ohms)
1.	300	59
2.	500	54
3.	630	51
4.	800	46
5.	1000	44
6.	1200	41
7.	1400	40
8.	1600	38
9.	2000	36
10.	2500	34

Ampacity (in Amp.):

S. No.	Copper conductor cross section (mm ²)	Buried in Soil (Trefoil) L.F.-0.7	Buried in Soil (Trefoil) L.F.-0.7	Buried in Soil (Horizontal) L.F.-0.7	Buried in Soil (Horizontal) L.F.-1.0	In free air (Trefoil)	In free air (Horizontal)
1.	300	670	571	714	621	707	768
2.	500	877	739	945	813	944	1038
3.	630	1001	838	1090	930	1092	1213
4.	800	1130	939	1241	1051	1252	1405
5.	1000	1339	1106	1462	1231	1508	1687
6.	1200	1450	1192	1595	1336	1651	1863
7.	1400	1561	1280	1725	1440	1791	2031
8.	1600	1657	1353	1847	1536	1919	2195
9.	2000	1824	1482	2060	1703	2147	2490
10.	2500	2002	1618	2282	1876	2397	2815

(Source: M/s KEI for 220kV Patparganj – Preet Vihar 1200Sq.mm. D/C XLPE Cable)

It was clarified in the above that in the case of cables, SIL is much higher i.e. about 10 times as that of an Overhead Line. In respect of cables, the ampacity is more important for loading purpose as exhibited in the above table. As such for cables, for computation of SIL, the parameters provided by the Manufacturer should be considered.

After detailed deliberations, it was decided that the planning department of DTL would provide the SIL of different transmission lines of DTL and DISCOMS would provide the conductor configuration, length and SIL of 66kV, 33kV and 11kV feeders emanating from DTL substations for computation of Transmission System Availability of DTL. It was also decided that the transmission system availability as per the present regulations would be computed from April 2017 onwards.

(Action by Planning dept. of DTL, BRPL/BYPL/TPDDL/NDMC/MES)

2.6 Proposed planned shutdowns of O&M, DTL

DTL O&M deptt. has proposed the planned shutdowns for the month of Oct-2017 as per enclosed Annexure.

After deliberation, all the planned shutdowns for Oct-2017 were deferred till Nov-2017 in view of hosting of FIFA U-17 world cup during. Emergency Shut-downs if any needs to be taken with the instruction of Dir(opr).

These shutdowns should be re planned for Nov-2017 month and to be sent to OS deptt.

3. Failure of power supply at IGI Airport (T-3) being maintained by GMR (DIAL) on dt.-10.09.2017 at 12:45 hrs. (GMR-DIAL Agenda)

On dt.-10.09.2017 at 12.45 hrs, there was power supply failure at IGI Airport (T-3) being fed from DTL 220kV DIAL Sub-stn as well as BRPL 66kV Palam Sub-stn.

The power supply at IGI Airport (T-3) is through DTL 220kV DIAL Sub-stn at 66kV voltage level as well as through BRPL 66kV Palam Sub-stn. at 11kV voltage level. To ensure the Airport serviceability at the time of power supply failure from DTL 220kV DIAL Substation, GMR have made arrangement at IGI Airport to evacuate the power from BRPL 66kV power Sub-stn and operate the Airport up to some extent.

However, it has been observed that during the period of power supply failure from DTL 220kV DIAL Substation, there is also failure of supply from BRPL 66kV Palam Sub-stn leading to complete failure of power supply.

During the meeting held on dt.-23.01.2017 between DTL, BRPL and GMR(DIAL), M/s BRPL had agreed for reliable connectivity at 66kV level between BRPL Vasant Kunj Inst. Area Sub-stn and BRPL Ridge Valley Sub-stn to meet the power supply at BRPL Palam Sub-stn. during any exigency at DTL Mehrauli and Vasant Kunj Sub-stn. After the connectivity, the supply at Palam Sub-stn can be extended through Ridge valley-Vasant kunj inst. Area-Vasant kunj-Palam link.

The matter was deliberated and it was informed by DTL that on dt.-10.09.2017, the 400 kV Bamnauli Sub-stn was feeding load to 220kV Sub-stns DIAL, Mehrauli (through BTPS & DIAL), Vasant Kunj (through Mehrauli) and Naraina through 220kV Bus-C. At 12.45 hrs, a transient fault occurred in 220kV BTPS-Mehrauli Ckt.-I (Zone-II at Mehrauli). During this fault, current was sensed by the current differential relay of 220kV Bamnauli-DIAL Ckt.-II (already under shutdown). The current differential relay initiated the tripping command, however since the CB was already in off position, the LBB prot. initiated and all the 220kV feeders on Bus-C at Bamnauli Sub-stn got tripped resulting supply failure at DIAL, Naraina and Mehrauli.

OCC opined that during such emergency situation, the supply at Palam be extended through Ridge valley-Vasant kunj inst. Area-Vasant kunj-Palam link. Necessary coordination in this regard be done by GMR(DIAL), BRPL and SLDC. The above 66kV link be made readily available to avert any blackout type situation at DIAL Airport.

(Action by GMR(DIAL), BRPL and SLDC)

4. BRPL Agenda

4.1 Improvement of reliability of Connectivity with DTL grids through wired connections (MPLS) – Permission for Feasibility Study regarding.

With reference to the above subject matter regarding connectivity between BRPL SCADA and DTL grid substations, M/s BRPL have informed as under-

1. The following DTL grids are on 3G connectivity supported by dongles from Reliance Communications.

S. No.	Grids
1	220 KV Sarita Vihar
2	220 KV Mehrauli
3	220 KV Vasant Kunj
4	220 KV Okhla
5	220 KV Lodhi road
6	220 KV Papankalan-1
7	220 KV Najafgarh

2. The existing 3G connectivity supported by dongles, in the above grid stations is already installed on BRPL SCADA / Communication infrastructure. It is proposed by BRPL to use the same infrastructure to commission the wired connectivity subject to

feasibility.

3. BRPL have further informed that they are facing challenges in running the 3G connectivity, resulting in following issues:
 - 3.1. Unstable 3G connectivity
 - 3.2. Router hang due to overheating of 3G Dongle
 - 3.3. Grid power supply off beyond inverter backup time
4. The above issues lead to unreliable connectivity between SCADA systems of BRPL and DTL in respect of above grids, thereby resulting in real time operation issues as well as data inaccuracy.

Proposal

5. It is desired to substantially improve the reliability of SCADA communication in respect of above grids, thereby benefiting the Delhi consumers.
6. Improvement in communication shall also enhance data accuracy thereby resulting in proactive load planning.
7. In view of above objectives, M/s BRPL have proposed to introduce wired connectivity (MPLS) to above grid locations subject to feasibility study.

Support requested

M/s BRPL have requested for the following support-

8. They have requested to provide the permission and facilitate for conducting the feasibility study, along with contact person details in the above grid locations.
9. It shall be endeavoured by BRPL to complete the feasibility study within 2 weeks from the grant of permission and the results will be shared with DTL for further guidance.

Agenda point was deliberated in the meeting where representative of Communication Division, SLDC informed that most of the space in SCADA Rooms is already occupied and some new equipment of DTL are also planned to be installed in coming future. Therefore, it would not be feasible to provide any space for new equipment of BRPL in the SCADA Rooms.

After deliberations permission was granted to BRPL for carrying out survey/feasibility study at the above mentioned 7 nos. Substations. While conducting survey, BRPL team may decide suitable space outside SCADA Rooms in consultation with O&M deptt.

(Action by BRPL)

5. Long/Recent outage of Elements in Delhi power system.

Members updated the status of following Long/Recent outage of elements in Delhi Power system:-

S.N	Element's Name	Discom/DTL	Date and Time of outage	Present status
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. Expected by 15.12.2017.
3.	66kV VASANT KUNJ INSTL.AREA-RIDGE VALLEY CKT.-I	BRPL	26.03.2017	UNDER SHUTDOWN. Expected by 10.11.2017
4.	33kV LODHI ROAD - EXHIBITION GROUND -II	BRPL	04.06.2017	SINGLE CABLE FAULTY. Expected by 30.10.2017.
5.	33kV KILOKRI - O/H SARAI JULIENA CKT	BRPL	18.08.2017	SINGLE CABLE FAULTY. Expected by 25.10.2017.
6.	33kV RIDGE VALLEY - NEHRU PARK CKT.	BRPL	11.09.2017	PUT OFF. Expected by 28.10.2017.
7.	33kV ANDHERIA BAGH - AMBIENCE MALL CKT.	BRPL	21.09.2017	UNDER SHUTDOWN. Energized on 25.09.2017.
8.	66kV SAGARPUR - REWARI LINE CKT.	BRPL	30.07.2016	'B' PH. CABLE FAULTY. RE-ROUTING BEING DONE. Expected by 30.10.2017.
9.	66kV MUNDKA-NANGLOI CKT	BRPL	08.05.2017	B & Y-PHASE CABLE FAULTY. Expected by 15.12.2017.
10.	66kV HASTAL - GGSH CKT.-I	BRPL	13.09.2017	Y-PHASE CABLE FAULTY. Energized on 02.10.2017.
11.	33kV PASCHIM VIHAR - MUKHERJI PARK CKT.-III	BRPL	20.09.2017	UNDER SHUTDOWN. Energized on 25.09.2017.
12.	66kV PPG - AKSHARDHAM CKT	BYPL	06.08.2017	CABLE FAULTY. Expected by 15.10.17.
13.	66kV KHICHRIPUR - PPG INDL. AREA CKT.-I	BYPL	05.09.2017	R, Y & B-PHASE CABLE FAULTY. Expected by 20.10.17.
14.	66kV KHICHRIPUR - PPG INDL. AREA CKT.-II	BYPL	05.09.2017	R, Y & B-PHASE CABLE FAULTY. Expected by 20.10.17.
15.	66kV PATPARGANJ - VIVEK VIHAR CKT.-II	BYPL	19.09.2017	R&Y-PHASE CABLE FAULTY. Energized on 25.09.17.
16.	33KV PANDAV NAGAR - DMS CKT.	TPDDL		CABLE FAULTY. Expected by 30.11.17
17.	33kV BAY -28 (IP - CONNAUGHT PLACE) CKT	NDMC	20.08.2017	CABLE FAULTY. Expected by 10.10.17.
18.	400kV BAMNAULI - JHAKTIKARA CKT.-I	DTL	22.05.2016	Dead end Tower No.-169 along with gantry collapsed at Bamnauli end. Ckt.-II charged on ERS. Gantry & Tower erection work completed. Stringing work under progress.

				Expected by 15.11.2017.
19.	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. Tender could not be matured and refloated. Expected by 30.11.2017.
20.	220/33kV 100MVA PR.TR.-I AT 220kV NARAINA	DTL	26.07.2017	Transformer damaged due to fire. Another Transformer expected by 30.11.2017
21.	220kV RIDGE VALLEY - TRAUMA CENTRE CKT.-I	DTL	15.09.2017	Shutdown for shifting of cable for PWD work, energized on 24.09.2017.
22.	220/66kV 100MVA PR.TR.-II ALONGWITH 66kV I/C-IIAT 220kV NAJAFGARH	DTL	18.09.2017	Shutdown for internal inspection by BHEL & for replacement of terminal kiosks, energized on 26.09.17.
23.	20MVA PR.TR.-II AT 220kV GAZIPUR	DTL	09.09.2017	Shutdown for over hauling energized on 25.09.17.

Additional Agenda from SLDC for OCC Meeting

1. Data for Load Generation Balance Rept (LGBR) for 2018-19.

The preparation of Load Generation Balance Report (LGBR) Report for 2018-19 is to be undertaken by NRPC.

The data format is available at NRPC website

These formats are regarding

- a) Effective Capacity of Generating stations.
- b) Maintenance schedule of the machines.
- c) Addition in installed capacity (IC).
- d) Ex bus Peak and off peak (at 03.00hrs.) generation in MW and monthly average Ex bus energy (MU/Day) (Excluding Aux. Consumption, Normative Forced Outages and planned outages).
- e) Peak and off peak demand (03.00hrs.) generation in MW and monthly basis (including Load shedding and restrictions etc.)
- f) Anticipated power bilateral/banking agreement with other states (within / outside region) alongwith hours of exchanges
- g) Hydro reservoir levels.

NRPC has requested all SLDCs to submit the data in prescribed format by 20.09.2017. It is also intimated that NRPC has convened the 14th Meeting of LGBR Sub Committee to finalize annual outage schedule of generating units for 2018-19 on 06.10.2017 at 11.30AM at NRPC Secretariat. The letter of NRPC alongwith desired format is attached as Annexure.

Delhi SLDC has written a letter to all generating stations and distribution licences i.e. BTPS, Pragati, CCGT Bawana, G.T., BRPL, BYPL, TPDDL, NDMC & MES on 13.09.2017. So far none of the generating stations have submitted the details to Delhi SLDC.

Matter was deliberated and OCC advised all utilities to submit data who have not submitted till date.

2. Electricity generation target for the year 2018-19.

Delhi SLDC received a communication from NRPC regarding Electricity Generation target for 2018-19. This data is sought by Central Electricity Authority (CEA). The letter of NRPC & CEA alongwith desired format is attached as Annexure.

Delhi SLDC has written a letter to all generating stations i.e. BTPS, Pragati, CCGT Bawana & G.T. on 13.09.2017. So far none of the generating stations have submitted the details to Delhi SLDC.

Representative of generating stations informed that data will be submitted within a week. OCC advised generating company to send the data at the earliest.

3. Requirement of 150-200MW power for 7 days from DTL, 220 kV Sub-stn Ghazipur to 220 kV Sahibabad S/Stn of UPPTCL.

Vice Chairman, GDA vide letter no. 03/4/EE-E-(Project)/2017 dt. 03.08.2017 had requested DTL for providing 150-200MW Power for 7 days from 220kV Gazipur S/Stn. due to shutdown of 220kV Muradnagar – Sahibabad Double ckt. for construction of via duct of Metro corridor near Meerut road crossing.

Accordingly the issue was deliberated in OCC Meeting held on 28.08.2017 and consensus was made to provide upto 150MW Power to UPPTCL during 09.09.2017 to 15.09.2017.

DMRC vide letter dt. 12.09.2017 (copy enclosed as annexure) has informed SLDC that the required power during the above period could not be materialized due to dislocating of EHV Tower connecting Delhi and UP System due to natural disaster occurred at Gazipur land filling site on 01.09.2017. As such, DMRC did not request Delhi SLDC to provide upto 150MW Power to UPPTCL during 09.09.2017 to 15.09.2017. DMRC further stated that the transmission line connecting Delhi and UP System is unsafe for operation. They have now planned to erect a new tower in place of damaged tower and the work is likely to be completed by 29.09.2017.

Now, DMRC has again requested SLDC for providing 150-200MW Power to UPPTCL for 7 days from 220kV Gazipur S/Stn. w.e.f. 03.10.2017 to 10.10.2017, so that the UPPTCL may allow the shutdown of their 220kV line from Muradnagar to Sahibabad to DMRC for raising of height of this line infringing the DMRC corridor from Dilshad Garden to New Bus Adda at Ghaziabad.

FIFA Under-17 world India 2017 Tournament is being organized in Delhi during 06.10.2017 to 28.10.2017 and reliable and uninterrupted power supply has to be maintained in Delhi.

Considering the above facts and situation OCC may deliberate.

After deliberation, the allocation of proposed power from DTL, 220 kV Sub-stn Ghazipur to 220 kV Sahibabad S/Stn of UPPTCL was deferred till Nov-2017 in view of hosting of FIFA U-17 world cup during. The matter to be discussed in the next OCC meeting to be held tentatively in the last week of Oct-2017.

The meeting ended with vote of thanks to the Chair.

NOTE:-The MOM of OCC meeting can also be seen on DTL website (www.dtl.gov.in) under the Tab “News and Information – OCC Meeting”.
