

	<p style="text-align: center;">DELHI TRANSCO LIMITED (A Govt. of NCT of Delhi Undertaking) An ISO 9001:2015 certified company Office of Mgr. (T) OS IInd Floor, ERP centre, SLDC Minto Road, New Delhi-110002 Website:-www.dtl.gov.in</p>
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No. F.DTL/831/2018-19/Mgr.(OS)/16

Date:13.06.2018

To,

All Members of Operation Co-ordination committee

DTL	General Manager (O&M)-I, Chairman OCC General Manager (O&M)-II General Manager (PMDM&S) General Manager (Planning) General Manager (C&MM) DGM (O&M) - North, East, West, South DGM (M/P) DGM (Plg.)	
SLDC	ED (SLDC) DGM (SO)	
TPDDL	HOD (PSC &AM) Sr. Manager (PSC)	
BRPL	Vice President (SO)	
BYPL	AVP (SO)	
NDMC	Superintending Engineer	
IPGCL	AGM (T) COS AGM (T) Opr. GTPS	
PPCL	DGM (T) Opr.PPS-I DGM (T) Opr. PPS-III	
MES	AEE/M.SLDC Officer	
BTPS	AGM (EEMG)	
BBMB	Sr. Executive Engineer, O&M	
DMRC	Addl. GM (Elect.)	
GMR(DIAL)	GM(DIAL)	Special Invitee
N. Railways	Sr. DEE (TRD)	Special Invitee

Sub: Agenda for next Delhi OCC Meeting (03/18-19) to be held on 15.06.2018 (Friday) at 10:30 A.M.

Dear sir/madam,

The next Delhi OCC meeting is scheduled to be held on dt.-15.06.2018(Friday), 10:30 A.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/-
(Shankar Kumar)
Manager(OS),DTL

DELHI TRANSCO LIMITED

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

AGENDA FOR DELHI OCC MEETING NO. 03/18-19

Date : 15.06.2018 (Friday)
Time : 10:30 AM
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 24.05.2018.

The previous Delhi OCC meeting was held on 24.05.2018 in accordance with the agenda circulated vide letter dt: 21.05.2018. Minutes of the aforesaid OCC meeting were issued vide letter dt.06.06.2018. 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 updated by DTL Planning deptt. 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. DTL Plg. Deptt. confirmed that the scheme is under preparation stage.
2.	400/220kV, 315MVA ICT	14		OCC opined that in order to meet the continuous growth in demand, the 500 MVA Tr. as hot reserve needs to be commissioned at Bamnauli positively before April 2019. Accordingly schedule be prepared and to be apprised in the OCC meeting.
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. The scheme for another 160MVA

				<p>transformer as hot reserve at Mehrauli has been prepared and is under approval.</p> <p>OCC opined that considering the continuous growth in demand and in view of recent failure of transformers, both 160 MVA Trs. be commissioned as hot reserve at Mehrauli and Mundka Sub-stns positively by the end of FY 2018-19. Accordingly schedule be prepared and to be apprised in the OCC meeting.</p>
4.	220/66kV, 100MVA	42	1x100 MVA	<p>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 has been prepared and is under approval stage.</p> <p>OCC opined that considering the continuous growth in demand and in view of recent failure of transformers, the 100 MVA Tr. be commissioned as hot reserve at PPK-I Sub-stn positively by the end of FY 2018-19. Accordingly schedule be prepared and to be apprised in the OCC meeting.</p>
5	220/33kV, 100MVA	37	2	<p>The scheme for 100MVA transformer as hot reserve at Okhla has been prepared and is under approval. The scheme for one no. 100 MVA Trf as hot reserve at Patparganj has also been prepared and is under estimation and financial vetting as intimated by Plg. deptt.</p> <p>OCC opined that considering the continuous growth in demand and in view of recent failure of transformers, the 100 MVA transformers be commissioned as hot reserve at Okhla and Patparganj Sub-stn positively by the end of FY 2018-19. Accordingly schedule be prepared and to be apprised in the OCC meeting.</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>																																								
7	33/11kV 16MVA	16		<table border="1" data-bbox="954 533 1465 1541"> <thead> <tr> <th data-bbox="954 533 999 645">S N</th> <th data-bbox="999 533 1114 645">Sub Station</th> <th data-bbox="1114 533 1228 645">Details of existing Tx.</th> <th data-bbox="1228 533 1343 645">Augmen tation Plan</th> <th data-bbox="1343 533 1465 645">Year</th> </tr> </thead> <tbody> <tr> <td data-bbox="954 645 999 770">1</td> <td data-bbox="999 645 1114 770">Lodhi Road</td> <td data-bbox="1114 645 1228 770">2 no 33/11k V 20MVA</td> <td data-bbox="1228 645 1343 770">2 no 33/11kV 25MVA</td> <td data-bbox="1343 645 1465 770">2018-19</td> </tr> <tr> <td data-bbox="954 770 999 896"></td> <td data-bbox="999 770 1114 896">Lodhi Road</td> <td data-bbox="1114 770 1228 896">2 no 33/11k V 16MVA</td> <td data-bbox="1228 770 1343 896">2 no 33/11kV 25MVA</td> <td data-bbox="1343 770 1465 896">2018-19</td> </tr> <tr> <td data-bbox="954 896 999 1021">2</td> <td data-bbox="999 896 1114 1021">Najafga rh</td> <td data-bbox="1114 896 1228 1021">2 no 66/11k V 20MVA</td> <td data-bbox="1228 896 1343 1021">2 no 66/11kV 31.5MV A</td> <td data-bbox="1343 896 1465 1021">2019-20</td> </tr> <tr> <td data-bbox="954 1021 999 1146">3</td> <td data-bbox="999 1021 1114 1146">Okhla</td> <td data-bbox="1114 1021 1228 1146">2 no 66/11k V 20MVA</td> <td data-bbox="1228 1021 1343 1146">2 no 66/11kV 31.5MV A</td> <td data-bbox="1343 1021 1465 1146">2019-20</td> </tr> <tr> <td data-bbox="954 1146 999 1272">4</td> <td data-bbox="999 1146 1114 1272">Sarita Vihar</td> <td data-bbox="1114 1146 1228 1272">2 no 66/11k V 20MVA</td> <td data-bbox="1228 1146 1343 1272">2 no 66/11kV 31.5MV A</td> <td data-bbox="1343 1146 1465 1272">2019-20</td> </tr> <tr> <td data-bbox="954 1272 999 1397">5</td> <td data-bbox="999 1272 1114 1397">Pappan kalan-I</td> <td data-bbox="1114 1272 1228 1397">2 no 66/11k V 20MVA</td> <td data-bbox="1228 1272 1343 1397">2 no 66/11kV 31.5MV A</td> <td data-bbox="1343 1272 1465 1397">2020-21</td> </tr> <tr> <td data-bbox="954 1397 999 1541">6</td> <td data-bbox="999 1397 1114 1541">Mehrau li</td> <td data-bbox="1114 1397 1228 1541">2 no 66/11k V 20MVA</td> <td data-bbox="1228 1397 1343 1541">2 no 66/11kV 31.5MV A</td> <td data-bbox="1343 1397 1465 1541">2021-22</td> </tr> </tbody> </table> <p data-bbox="954 1541 1465 1778">DTL Plg. Deptt. updated that 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> <p data-bbox="954 1778 1465 2069">The scheme is pending for the last two years and hence OCC opined that the 25 MVA transformers be commissioned at Lodhi Road Substn positively by the end of FY 2018-19. Accordingly schedule be prepared and to be apprised in the OCC meeting.</p>	S N	Sub Station	Details of existing Tx.	Augmen tation Plan	Year	1	Lodhi Road	2 no 33/11k V 20MVA	2 no 33/11kV 25MVA	2018-19		Lodhi Road	2 no 33/11k V 16MVA	2 no 33/11kV 25MVA	2018-19	2	Najafga rh	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2019-20	3	Okhla	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2019-20	4	Sarita Vihar	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2019-20	5	Pappan kalan-I	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2020-21	6	Mehrau li	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2021-22
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2	Najafga rh	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2019-20																																								
3	Okhla	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2019-20																																								
4	Sarita Vihar	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2019-20																																								
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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 creation of PR
3	Najafgarh	2	2018-19	Under tendering stage
4	Okhla	1	2018-19	Under Approval
5	Mehrauli	1	2019-20	Under Approval
6	Patparganj	2	2019-20	Under Approval
	Total	8		

OCC opined that DTL should adhere the time lines of augmentation/replacement of Trs. as mentioned above.

Timeline for all associated works for ETC of Tr. such as civil works including Tr. Foundation, equipment replacement, cabling, etc. be updated by Planning deptt. Monthly progress be apprised/updated in Delhi OCC meeting.

(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 has been gathered that the transformer has been commissioned at Preet Vihar S/Stn and is under erection stage at Naraina. However, the M. Box has not yet arrived at Naraina Sub-stn. O&M deptt. is pursuing hard in this regard. DTL Spl. Cell to update the latest status being the nodal agency for MOU-II

The Tr. main tank and accessories has arrived at Lodhi Road Sub-stn. The M. Box is yet to arrive.

OCC had advise to expedite for supply/erection of transformers at site to meet the peak summer.

(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. No representative from C&MM deptt. attended the previous OCC meeting. However, they had previously 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 was 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)

No representative of C&MM deptt. were available in the last OCC meeting to update the current status. OCC opined that considering the continuous growth in power demand and in view of recent failure of transformers, the transformers are essentially required to be commissioned at various DTL Sub-stns. Express procurement be

initiated and work be done on war footing basis to avert any untoward situation/crisis which may arise due to power supply failure.

C&MM deptt. to update the latest status.

2. Representative of DTL C&MM deptt. had also previously informed that PR w.r.t availability of minimum inventory in Material Management Department is pending with finance department.

No representative of C&MM deptt. were available in the last OCC meeting to update the current status. DTL O&M deptt. informed that spare inventory has not been procured till date. They have raised serious concern regarding long pending/delay in procurement of inventory. Min. inventory as discussed and finalized between O&M and C&MM deptt. be procured immediately for smooth functioning.

OCC opined that the power demand is touching new record every year. As such to meet the continuous growth in power demand, spare inventory is essentially required to tackle the breakdown situation. Since the delivery period of each inventory is more than 6-8 months, as such express procurement be initiated and work be done on war footing basis to avert any untoward situation/crisis which may arise due to power supply failure.

C&MM deptt. to update the latest status.

3. OCC further 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.

No representative of C&MM deptt. were available in the last OCC meeting.

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. during previous OCC meeting 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 substation 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	
8	Maharani Bagh (PG)	400	125	To be installed by Powergrid.
9	Mandola (PG)	400	125	To be installed by Powergrid.
TOTAL			700	

OCC opined that DTL have witnessed numerous trippings on overvoltage during the last winter season. This is a very serious problem encountered during winter seasons, when the transmission elements are lightly loaded. To overcome such problems, Reactors are essentially required to be commissioned before Dec 2018.

DTL Planning Deptt. may update the latest status.

2.5 Pending 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- SaritaVihar Circuit 1&2.
4. BTPS– Gazipur

The DTL initially on dated 5/02/2018 has submitted the drawings to NTPC for the ETC of the P545 relays with the provision of both distance and differential protection along with the Auto reclose scheme. But on dated 24/02/2018 the NTPC has replied on email stating that:-

“The NTPC Badarpur already has Numerical relay based Main-1 and Main-2 distance protection scheme along with Auto-reclose feature, only line differential protection needs to be enabled in P545 relay and accordingly protection schemes needs to be modified for required input and outputs. Protection drawings may please be revised accordingly”.

As per the NTPC request, DTL has already mounted P545 Line Differential relays in the above feeders at BTPS end. All CT, PT inputs and other wiring termination has been completed. However due to delay in the approval of Drawings from BTPS end, the relays could not be commissioned at BTPS end.

Now on dated 22.05.2018 NTPC again e- mailed stating that:-

“Drawing submitted by DTL and respective modified drawing has been forwarded to NTPC project engineering Department. NTPC project engineering department has advised to remove main-1 distance relay from service and only install differential relay as main-1 protection. Necessary wiring has to be done at individual level and revised drawing to be submitted by DTL”.

DTL has already completed all the work as per the requirement of NTPC and further revision of drawing and wiring schedule will take considerable time an the completion of work will be delayed further for the completion of the work The subjected work for Commissioning of Line Differential relays is to be completed as per the P.O terms and conditions within the time bound manner and already about 3 months has been lapsed.

The matter was discussed in the previous OCC meeting held on 24.05.2018 and following are the deliberations:-

Representative of NTPC informed that there is already Main-I and Main-II distance relays commissioned on the above 220kV O/G feeders. OCC opined that Main-I distance relays be remain active and Main-II distance relays be removed from the Ckt. The line differential relays be commissioned in place of Main-II distance relays. NTPC was requested to approve the drawings accordingly. These lines are very critical and passes through encroachment areas.

DTL have informed that they have submitted the revised drawing in accordance with the MOM of OCC meeting held on 24.05.2018.

DTL and BTPS may update the latest status and progress/action taken in this matter.

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

There are two numbers of 11kV feeders 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 was 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/stnBamnauli. DTL has requested to arrange **for extending this supply to 400kV Bamnauli substation to enable them having reliable source to avoid any exigency.**

The following was deliberated and mutually agreed upon in the previous OCC meeting:-

- (i) The 400kV Bamnauli being the most vital Sub-stn of DTL system. Any disturbance at this Sub-stn may further result in the disturbance of supply in South and West Delhi Areas, besides supply at Airport may also get affected.**
- (ii) BRPL should ensure reliable 11kV LT supply from their 11kV feeders named BSF and Bamnauli for smooth operation at 400kV Bamnauli Sub-stn.**
- (iii) BRPL to explore the possibility to extend the 11kV supply from their 11kV feeder named “Trishul”upto 400kV Bamnauli Sub-stn for better reliability.**

DTL O&M deptt. to follow up for the same and to report in the OCC meeting.

GM(O&M)-II,DTL may update the latest status.

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.

The following was deliberated and mutually agreed upon in the previous OCC meeting:-

(i) The load on 4 nos. 100 MVA transformers at Rohini-I Sub-stn has already gone upto 85% of its capacity. The peak load of Delhi is yet to come in mid june or july month. Any outage of transformer due to its maintenance or due to unforeseen breakdown may result into load shedding in the areas feeding through this Sub-stn. OCC took a serious note on this issue. DTL informed that there are several cases where some of the 220kV Sub-stns are very heavily loaded, whereas the others are very lightly loaded. Discoms fail to divert the load to the new Sub-stns which will bring some load relief to the old Sub-stn.

(ii) To avoid any unforeseen situation at Rohini-I Sub-stn, OCC directed that the 66kV load be diverted to other network including Rohini-II Sub-stn, which at present is under loaded. TPDDL representative informed that the connectivity at 66kV level between RG-6 and DC-I will be done by 1st week of july 2018. After this connectivity, load of DC-I Ckt.-I & II will be diverted to Rohini-II Sub-stn via link, Rohini-II→RG-28→RG-6→DC-I.

(iii) It was further pointed out by DTL that partial load relief (10-15 MW) can also be given on 66kV RG-24 which is also connected through Kanjhawala Sub-stn, via link Kanjhawala→Karala→RG-20→RG-23→RG-24.

(iv) DTL further informed that 2 nos. 66kV feeder bays are under construction at 220kV Shalimar Bagh Sub-stn. TPDDL may further inform regarding schedule for termination of 66kV feeders at Shalimar Bagh Sub-stn. and how it will bring load relief at Rohini-I Sub-stn.

It has been gathered that nothing remarkable has been done in order to bring load relief at Rohini-I Sub-stn.

TPDDL may deliberate with their timeline.

2.8 Overloading of 100MVA, 220/ 66KV Transformers & 220kV Okhla-BTPS Lines at 220kV Okhla Substation

220 kV Sub- Station Okhla was commissioned in 1985 and at present it has total capacity of 500 MVA i.e. 300MVA at 220/33 kV level & 200MVA at 220KV/66KV Level.

BSES is drawing above 180MW Power at 66KV Level from Okhla S/Stn. 02 No. of the 100 MVA, 220KV/66KV Transformers (NGEF–make, repaired by M/s. Aditya) is running on overloading condition due to having different percentage impedance, leading to improper sharing of load (diff. approx. 10 MW on 90% loading). The transformer no. 01 is 19 years old and require frequent maintenance. The Transformer is running continuously on above 80MW loading, however adjacent substations i.e. Sarita Vihar is having 03 No. 100MVA Transformer at 66KV Level and load of 66kV Okhla Ckt-1&2 may sifted to Sarita vihar station. The load may also be managed by shifting the load of 66kV Malviya Nagar to 220kV Mehrauli stn. Load trend on 66kV O/G feeders is attached as Annexure for reference.

Further, BSES is drawing 360 MW (approx.) on daily basis which leads to overloading of 220kV incoming Line feeders as there is only radial supply from 220kV D/C BTPS at Okhla.

Keeping in view of the over loading problem at Okhla Station, the matter be explored by BRPL to divert its load to 220KV Sub- Station Sarita Vihar, 220 kV Sub- Station Mehrauli and 220 kV Sub- Station Masjid Moth.

BRPL/DTL may deliberate.

2.9 Alternative supply arrangement for IGI Airport, Delhi.

At present there are 4 nos. 66kV O/G feeders (DIAL Ckt.-1, 2, 3 & 4) from DTL 220/66 kV GIS DIAL for catering the load of DIAL T-3 terminal (GMR). In the event of tripping of 220kV incoming sources from Bamnauli Sub-stn or in case of planned/forced outage of 66kV GIS bays at DIAL, the 66kV power supply at DIAL T-3 terminal (GMR) may get affected. So, in order to avert such unforeseen situation DIAL T-3 terminal (GMR) should have alternate source at 66kV level.

The matter was discussed in the previous OCC meeting held on 24.05.2018 and following were the deliberations:-

(i) As agreed in the steering committee meeting held on 04.04.2018, joint site visit between DTL and DIAL(GMR) be done at the earliest for identification of suitable land for installation of reactors at DTL 220kV DIAL Sub-stn, enabling connectivity at 220kV level between Pappankalan-III and DIAL.

(ii) There should be 66kV level connectivity between DTL 220kV Pappankalan-III Sub-stn and DIAL(GMR). The steering committee under DTL Planning deptt. to finalize the connectivity issue.

(iii) DIAL(GMR) informed that there are numerous trippings at 66kV Palam sub-stn of BRPL, which causes lots of inconvenience to them. DIAL(GMR) requested for interconnection between Palam and Pappankalan-III for better reliability. The steering committee under DTL Planning deptt. to finalize the connectivity issue.

DTL Planning deptt./DIAL(GMR) may deliberate.

2.10 Frequent trippings of 66kV Nangloi and 66kV Nangloi Water Works from DTL 220kV Najafgarh Sub-stn

DTL have informed that the below mentioned feeders emanating from 220kV substation Najagarh had frequently tripped in the past days which have caused stress to DTL assets installed at the substation. The details of the frequent trippings are as under:-

(i) 66kV Nangloi Feeder (May -2018) :-

S.No.	Date and Time of tripping	Duration	Reasons as reported
1	02.05.2018, 16:33 Hrs	03:52 Hrs	Tripped on Distance Z-2, R Phase
2	11.05.2018, 11:20Hrs	05:45Hrs	Tripped on Distance Z-1 R-Ph
3	13.05.2018, 17:15 Hrs	00:30Hrs	Tripped on Distance Z-1 R, Y Ph
4	18.05.2018, 10:45 Hrs	02:45 Hrs	S/D taken by BRPL
5	22.05.2018, 14:20Hrs	02:00Hrs	Tripped on Distance Z-1 R Ph
6	25.05.2018, 11:25Hrs	01:45Hrs	Tripped on Distance R-Ph
7	26.05.2018, 11:57 Hrs	03:43Hrs	Tripped on Distance Z-1 R Ph
8	27.05.2018, 08:15Hrs	00:43Hrs	S/D taken by BRPL
9	09.06.2018, 07:25Hrs	00:45 Hrs	Tripped on Distance Z-1, B-Ph

(ii) 66kV Nangloi Water Works Feeder (May -2018) :-

S.No.	Date and Time of tripping	Duration	Reasons as reported
1	07.05.2018, 10:15Hrs	01:40Hrs	Tripped on Distance Z-1, B Phase

2	07.05.2018, 23:13Hrs	06:27Hrs	Tripped on Distance Z-1 R, Y Ph
3	11.05.2018, 11:20Hrs	03:50Hrs	Tripped on Distance Z-1 B Ph
4	13.05.2018, 16:38Hrs	10:02Hrs	Tripped on Distance Z-1 R, Y Ph
5	16.05.2018, 02:50Hrs	10:10Hrs	Tripped on Distance Z-1 R, Y Ph
6	25.05.2018, 11:37Hrs	01:13Hrs	Tripped on Distance Z-2 R Ph
7	26.05.2018, 11:50Hrs	03:50Hrs	Tripped on Distance Z-1 B Ph
8	02.06.2018, 12:10Hrs	01:25Hrs	Tripped on Distance Z-1 R Ph
9	04.06.2018, 06:45Hrs	01:15Hrs	Tripped on Distance Z-1 B Ph
10	05.06.2018, 19:02Hrs	02:13 Hrs	Tripped on Distance Z-1 R Ph
11	06.06.2018, 12:52Hrs	02:40 Hrs	Tripped on Distance Z-1 Y Ph

Mere looking through the above details, it is quite clear that most of the trippings are due to operation of Distance Relay and that too they are repetitive in nature and the distance and location of fault were also same. These trippings have caused damages to the equipments installed in DTL 220kV Substation Najafgarh.

In view of above, DTL has requested to arrange proper, genuine and thorough patrolling and subsequently the desired maintenance activities in these lines. Further, due to the frequent and prolonged outages of these lines general public at large has faced unwarranted problem due to no electricity.

Further, it has been gathered that 66kV O/G feeders namely Nangloi and Nangloi water works from DTL 400/220/66kV Tikri kalan Sub-stn is faulty since 08.05.2017 and 01.06.2018 respectively.

BRPL may deliberate.

2.11 Proper earthing of O/G 33kV cables, Digging of 220 cable route and load balancing in BRPL & TPDDL area from DTL 220kV Peeragarhi & Wazirpur Sub-stn.

1. For proper earthing of 33kV cables, a letter dated 25-5-2018 was sent to ASVP EHV BRPL for proper earthing of their eight nos. 33 kV feeders (Double Circuit). The two recent faults which are mentioned in the said letter had attained alarming proportions whereby the fault current was 25 KA and 29 KA respectively on dated 21 and 25-5-18. The matter is of immense importance for the safety of DTL GIS.
2. For digging to trace out the faults, a letter dated 11-6-18 has been written to DGM EHV as they have not taken adequate precautionary measures for digging of their 66 KV Mundka-water works cable because of which DTL fibre optic cable was damaged on 6-6-18 (Both the cables along with the DTS Fibre). And even the proper dressing up with our trench covers was not been carried out at Pillar No 518 and 519. DTL have requested that BRPL should repair the Fibre at the earliest.
3. For Load Balancing in TPDDL area of 220 KV Wazirpur Sub-Station. The usage of 33 KV Bus Coupler at TPDDL End at Wazirpur was racked up last year in OCC meeting during summer peaks. It was also discussed in the steering committee meeting where TPDDL deliberated that because of the operational problems in the bus coupler it could not be used often. The same problem has again arisen beside the line loading also. During peak load which occurred on 8-6-18 when it touched 6432 MW, the line loading on each of the Mundka, Peeragarhi 220 KV Cable was 176 MW each which is nearing the threshold capacity. Therefore time and again it was requested through SLDC to reduce the 10 MW 33 KV Load from Wazirpur Sub-

Station and transfer it to Shalimar Bagh or GopalPur so that both the 100 MVA Transformers can be easily run from Mundka- Peeragarhi and Peeragarhi –Wazirpur Circuits thereby allowing the flexibility of usage of 33 KV Bus Coupler at TPDDL end during peak conditions.

DTL/BRPL/TPDDL may deliberate.

2.12 Confirmation about ownership of cable/overhead line emanating from DTL 220/33kV Naraina Sub-stn. and 66kV Ridge valley Sub-stn owned by BRPL.

DTL 220/33kV Naraina Sub-stn. have following 33kV and 11kV feeder bays. As per DTL information, the name of maintaining agency/discom is written against each feeder. In case of breakdown of some feeder, there is confusion about the maintain agency/discom. Discoms may like to confirm the below details-

S.No.	Name of S/Stn.	Name Of Outgoing Feeder	Maintaining Agency (As per DTL details)
1	220kV Naraina	33kV KIRBI PLACE CKT-I	MES
2		33kV KIRBI PLACE CKT-II	MES
3		33kV PAYAL CKT	TPDDL
4		33kV REWARI LINE CKT	TPDDL
5		33kV DMS CKT	BRPL
6		33kV INDERPURI CKT	TPDDL
7		33kV INDERPURI CKT-II	TPDDL
8		33kV KHYBER LINE CKT-I	MES
9		33kV KHYBER LINE CKT-II	MES
10		33kV SHEKHAWATI CKT-I	MES
11		33kV SHEKHAWATI CKT-II	MES
12		33kV PANDAV NAGAR CKT	TPDDL
13		33kV MAYAPURI CKT-I	BRPL
14		33kV MAYAPURI CKT-II	BRPL
15		11kV MAGGO CKT- I	TPDDL
16		11kV MAGGO CKT-II	TPDDL
17		11kV NARAINA VIHAR A-BLOCK S C - I	TPDDL
18		11kV NARAINA VIHAR A-BLOCK S C - II	TPDDL
19		11kV GOPI NATH BAZAR	BRPL
20		11kV BRAR SQUARE	TPDDL
21		11kV KIRBI PLACE No 1	TPDDL
22		11kV KIRBI PLACE No 2	TPDDL
23		11kV NARAINA VILLAGE SHIV MANDIR	TPDDL

Similarly, ownership of 66kV cable/overhead line emanating from 66kV Ridge valley Sub-stn owned by BRPL be also confirmed.

BRPL/TPDDL/MES/DTL Commercial deptt. may deliberate.

2.13 Overvoltage in DTL network due to DMRC U/G Cable.

DTL during various meetings has raised the concern of overvoltage in DTL network due to leading power factor of DMRC U/G cable. DMRC has hired a consultant to conduct a study

to overcome this problem. DMRC have further informed that their consultant has suggested that summation metering arrangement at the DTL grid substation may be provided for compensating reactive power of charged cable from Grid substation to DMRC RSS.

DMRC/BRPL/BYPL/TPDDL/NDMC/DTL may deliberate.

2.14 Replacement of defective HTLS conductor of 220kV SOW-Geeta Colony D/C line and 220kV SaritaVihar-Pragati line by Powergrid.

The matter was discussed during previous Delhi OCC meetings held on dt.-26.05.2017, 28.08.2017 and 30.10.2017 in which M/s PGCIL was supposed to replace the defective HTLS conductors of 220kV South of Wazirabad-Geeta Colony D/C line as well as 220kV Sarita Vihar-Pragati line. Earlier they had also requested for shutdowns of these lines for HTLS conductor replacement work.

PGCIL had inform that during the reconductoring of 220 kV Sarita Vihar – Pragati line, the core of the HTLS conductor got broken due to which delay in reconductoring occurred. It was also informed that the conductor of the same drum was utilized in 220 kV Geeta Colony – Wazirabad Section. Since the core of the conductor was broken as such the quality of the HTLS used in reconductoring work has come under question. As such PGCIL has pressed the contractor to change the entire section of the above mentioned ckts where the conductors of the same drum were used.

Following were the deliberations of OCC meeting held on 30.10.2017:-

(i) PGCIL should submit all the relevant details like span length, phase, length of conductor, tower no. to tower no., etc. in which the conductor replacement is required alongwith the reason for replacement to GM(O&M)-II, DTL.

(ii) GM(O&M)-II, DTL will obtain the required approval from competent authority for the proposed re-conductoring work and thereafter put to OCC for approval of shutdowns.

DTL may update the latest status to OCC regarding the conductor replacement work as proposed by Powergrid.

2.15 Alternate source details for 11kV feeders emanating from DTL Substations.

During the previous OCC meeting, the alternate source details were asked from the discoms regarding 11kV feeders emanating from DTL substations. The compiled details are 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	New Grid at Karala
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	
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	TPDDL	

	STORAGE		
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-I	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

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31		11kV ANAJ MANDI	BRPL	220 KV NJF	NEW ANAJ MANDI
32		11kV NANGLI SAKRAWATI	BRPL	66 KV DJB	KAPOOR FARM
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 DICHANON	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		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		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 JAITPUR	BRPL	66 KV SARITA VIHAR	AMERICAN EXPRESS
65		11kV SAURABH VIHAR-I	BRPL	MCIE GRID	LUV KUSH
66		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/Stn.	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

OCC noted that most of the TPDDL 11kV feeders don't have alternate arrangement in the event of breakdown.

OCC opined that the concerned discom should look into the alternative source for 11kV feeders emanating from DTL Sub-stns in the event of breakdown. Discoms were further requested to update the list as above.

Further, OCC advised that the matter shall be mutually discussed in the steering committee meeting for alternate feed at 11kV level or for shifting of 11kV load from the DTL Sub-stn within specific time schedule.

Discoms/DTL may deliberate.

2.16 Identification of weak elements during largest ever Delhi peak demand of 6934 MW occurred on 08.06.2018 at 15:28:33.

The peak demand of Delhi surpassed all previous records and set a new record of 6934 MW occurred on 08.06.2018 at 15:28:33. SLDC to identify the weak element as well as any load constraints during the peak and to apprise the same to OCC. DTL Planning deptt. may note the observations and plan accordingly for next summer demand including augmentation works.

SLDC/DTL may deliberate.

2.17 Proposed planned shutdowns of O&M, DTL

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

OCC may deliberate.

2.18 PGCIL request for shutdown of 400kV Bamnauli-Samaypur D/C line.

PGCIL have requested for shutdown of 400kV Bamnauli-Samaypur D/C line as per the following schedule:-

S. No.	Name of the Element	Shut-down from	Shut-down to	Work to be carried
1	400kV Bamnauli-Samaypur D/C line	24.06.2018 8:00 hrs.	25.06.2018 18:00 hrs	Tapping arrangement for LILO of both ckts of 400 KV Bamnauli-Samaypur transmission line

OCC may deliberate.

3. 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 11.06.2018
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.	33kV ALAKHNANDA - OKHLA CKT.-I	BRPL	19.04.2018	BREAKER PROBLEM.
4.	33kV KILOKARI - NIZAMUDDIN CKT.	BRPL	05.06.2018	PLANNED SHUT-DOWN FOR ONE WEEK.
5.	33KV JNU - R.K. PURAM-I CKT.	BRPL	09.06.2018	SINGLE CABLE FAULTY
6.	33kV ALAKHNANDA - OKHLA CKT.-II	BRPL	09.06.2018	SINGLE CABLE FAULTY
7.	33KV MALVIYA NAGAR - SHIVALIK (U/G) CKT.	BRPL	07.06.2018	SINGLE CABLE FAULTY
8.	66kV MUNDKA - NANGLOI CKT.	BRPL	08.05.2017	B & Y-PH. CABLE FAULTY
9.	66KV PAPPANKALAN-II - HASTHAL CKT-II	BRPL	08.06.2018	SINGLE CABLE FAULTY
10.	66K PASCHIM VIHAR - BODELLA-II CKT-II	BRPL	09.06.2018	UNDER BREAKDOWN.
11.	400kV MUNDKA- 66kV N.W.WORKS CKT.	BRPL	01.06.2018	'R'PH. CABLE FAULTY
12.	33KV PEERA GARHI - VISHAL CKT.	BRPL	10.06.2018	UNDER BREAKDOWN.
13.	66kV YAMUNA VIHAR - BHAGIRATHI CKT.-II	BYPL	04.05.2018	Y-PH. SINGLE CABLE FAULTY.
14.	66KV PARK STREET - SHASTRI PARK (C) CKT-I	BYPL	08.06.2018	Y-PH. SINGLE CABLE FAULTY.
15.	33KV GEETA COLONY - KANTI NAGAR CKT.	BYPL	09.06.2018	R-PH. SINGLE CABLE FAULTY.
16.	33KV SHASTRI PARK (E) - SEELAMPUR CKT.	BYPL	09.06.2018	Y-PH. SINGLE CABLE FAULTY.
17.	66KV MUNDKA- MANGOLPURI-I - T-OFF NANGLOI CKT.	TPDDL	09.03.2018	CABLE FAULTY.
18.	33kV SHAHZADA BAGH - T-OFF RAMA ROAD CKT.	TPDDL	13.04.2018	CABLE FAULTY.

19.	33kV BAY -2 (IP - NIRMAN BHAWAN)	NDMC	16.05.2018	CABLE FAULTY.
20.	220/33kV 100MVA PR.TR.-I AT 220kV NARAINA	DTL	26.07.2017	TR. DAMAGED DUE TO FIRE.
21.	33kV BUS COUPLER AT KASHMERE GATE	DTL		TRIPPING COIL PROBLEM.
22.	220kV TRAUMA CENTRE – RIDGE VALLEY CKT-II	DTL	15.02.2018	CABLE DAMAGED DURING IGL WORKS.
23.	220/66kV 160MVA PR.TR.-III AT 220kV VASANT KUNJ	DTL	26.04.2018	TRANSFORMER BURNT DUE TO FIRE. TO BE REPLACED.
24.	220kV MAHARANI BAGH - ELECTRIC LANE CKT.-I	DTL	22.05.2018	CABLE DAMAGED DUE TO METRO WORK AT SARAI KALEN KHAN.
25.	STG-2 at PPCL Bawana	PPCL Bawana	01.10.2017 00:05 hrs.	Problem in Generator Transformer. Expected by 15.07.2018.
