

	DELHI TRANSCO LIMITED (A Govt. of NCT of Delhi Undertaking) An ISO 9001:2015 certified company Office of Mgr. (T) OS Hind Floor, ERP centre, SLDC Minto Road, New Delhi-110002 Website:-www.dtl.gov.in
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No. F.DTL/831/2018-19/Mgr.(OS)/18

Date:29.06.2018

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 :- MOM of Delhi OCC Meeting (03/18-19) held on 15.06.2018 at DTL, 220kV Sub-Stn Park Street Building.

Dear sir/madam,

Enclosed please find herewith the Minutes of Meeting of Delhi OCC meeting held on **15.06.2018** in the office of GM(O&M)-I, Delhi Transco Ltd. at **220kV Sub-stn Park Street Building, Opp. Talkatora Stadium, Near R.M.L. Hospital, New Delhi-110001.**

The same is also available on DTL website, www.dtl.gov.in under the Tab "News and Information" – OCC Meeting".

Thanking You.

Yours Sincerely,
sd/-
(Shankar Kumar)
Mgr.(OS)-II, DTL

Copy for favour of kind information to:

1. Secretary, DERC, Viniyamak Bhawan, C-Block, Shivalik, New Delhi-17.
2. Chairperson & Managing Director, DTL.
3. Director (Operations), DTL

Mgr.(OS)-II, DTL

DELHI TRANSCO LIMITED

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

MOM OF DELHI OCC MEETING HELD ON 15.06.2018

Chairman, OCC welcomed all the members and representatives present in the meeting with a brief power scenario of Delhi for the month of May 2018. List of the officers attended the meeting is enclosed as annexure. Delhi peak demand for the month of May 2018 recorded 6442 MW on 30.05.2018 at 15:42:30 hrs and was successfully met. The anticipated peak demand for July 2018 is likely to be around 6760 MW.

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

1. Confirmation of minutes of previous 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.

No comments have been made from any of the participated members on the contents of MOM. As such the minutes of Delhi OCC meeting held on dated 24.05.2018 were confirmed.

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. 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 Tr.
2.	400/220kV, 315MVA ICT	14		DTL Plg. Deptt. confirmed that the feasibility for installation of ICT as hot reserve has already been explored. The PR is expected to be sent to DTL C&MM deptt. within 03 months.
3.	220/66kV, 160MVA	22	2x160MVA	The scheme for 160MVA Tr. as hot reserve at Mundka has been prepared and is under finance vetting. The same is expected to be included in DTL board meeting for July-2018. Consequently, PR for this Tr. could be sent to DTL C&MM deptt. within 02 months.

				The scheme for another 160MVA transformer as hot reserve at Mehrauli has been prepared and is under approval. PR for this Tr. is expected to be sent to DTL C&MM deptt. within 03 months.																									
4.	220/66kV, 100MVA	42	1x100 MVA	Steering Committee has already agreed for providing new 220/66kV, 100MVA hot reserve transformer at 220kV Pappankalan-I by 2019-20. DTL Plg. Deptt. confirmed that the scheme for 100 MVA Tr. at PPK-I has been prepared and estimation for same is awaited from civil deptt.																									
5	220/33kV, 100MVA	37	2	The scheme for 100MVA transformer as hot reserve at Okhla has been prepared and estimation for same is awaited from civil deptt. The scheme of 03 nos. 100 MVA Trf (01 no. Trf. as hot reserve and 02 nos. Trf. as augmentation) at Patparganj is already prepared and is under estimation and financial vetting. PR for PPG Trf is expected to be sent to DTL C&MM deptt. within 03 months.																									
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 33/11k V 20MVA</td> <td>2 no 33/11kV 25MVA</td> <td>2018-19</td> </tr> <tr> <td></td> <td>Lodhi Road</td> <td>2 no 33/11k V 16MVA</td> <td>2 no 33/11kV 25MVA</td> <td>2018-19</td> </tr> <tr> <td>2</td> <td>Najafgarh</td> <td>2 no 66/11k V 20MVA</td> <td>2 no 66/11kV 31.5MV A</td> <td>2019-20</td> </tr> <tr> <td>3</td> <td>Okhla</td> <td>2 no 66/11k V 20MVA</td> <td>2 no 66/11kV 31.5MV A</td> <td>2019-20</td> </tr> </tbody> </table>	S . N	Sub Station	Details of existing Tx.	Augmentation 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	Najafgarh	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
S . N	Sub Station	Details of existing Tx.	Augmentation Plan	Year																									
1	Lodhi Road	2 no 33/11k V 20MVA	2 no 33/11kV 25MVA	2018-19																									
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2	Najafgarh	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 66/11kV 20MVA	2 no 66/11kV 31.5MV A	2019-20	
			5	Pappan kalan-I	2 no 66/11kV 20MVA	2 no 66/11kV 31.5MV A	2020-21	
			6	Mehrauli	2 no 66/11kV 20MVA	2 no 66/11kV 31.5MV A	2021-22	
<p>As informed by Plg. Deptt. the scheme of 04 nos. Trf of Lodhi Road is under finance vetting & its PR is expected to be sent to DTL C&MM deptt. by the end of July-2018. OCC opined that the scheme for Najafgarh, Okhla and Sarita Vihar be also prepared to meet the target date.</p>								

Planning Department of DTL informed that they have already drawn a detailed plan for augmentation/replacement of 220/66kV Trs in Business Plan 2017-22 as under:

Sr. No.	Name of the Sub Station	Qty. (No.)	Year	Latest status of Scheme
1	Sarita Vihar (100 MVA to 160 MVA)	1	2018-19	Under tendering stage
2	Narela (100 MVA to 160 MVA)	1	2018-19	Under tendering stage
3	Najafgarh (100 MVA to 160 MVA)	2	2018-19	Under P.O. finalization stage
4	Okhla (100 MVA to 160 MVA)	1	2018-19	Under Approval stage
5	Mehrauli (100 MVA to 160 MVA)	1	2019-20	Under Approval stage
6	Patparganj (100 MVA to 160 MVA)	2	2019-20	Under Approval stage
	Total	8		

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

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

(Action by Plg. Deptt., DTL)

2.2 Status for 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 & Lodhi Road.

It was apprised that the Marshalling Box supplied at Naraina and Lodhi Road didn't meet desired technical configurations & sent back for its replacement. However, the Marshalling Box has not yet arrived at Naraina and Lodhi Road Sub-stn.

The Tr. main tank and accessories has arrived at Lodhi Road Sub-stn. Erection work is under progress.

OCC advised to expedite for supply/erection of transformers at site to optimize the load at Naraina & Lodhi Road S/stns.

(Action by DTL)

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

1. Procurement of 09 nos. 220/66kV 160 MVA transformers.

No representative from C&MM deptt. was present to brief the case. However, It has been gathered that the order for 09 nos. 160 MVA Transformers (2 for SGTN, 2 for Budhela, 2 for Gopalpur, 2 for Najafgarh and 1 for Kanjhawala) have been finalized and is under financial vetting stage. OCC advised to expedite for placing the order on priority basis to optimize the load demand in summer season.

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

(Action by C&MM Deptt., DTL)

2. Procurement of minimum inventory/spares.

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.

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.

(Action by C&MM Deptt., DTL)

3. Procurement of materials under PSDF scheme.

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.

It has been gathered that the order is already placed for procurement of materials under PSDF scheme. However, the placing of order for erection/ services is still pending which needs to be expedite for utilizing the supplied material.

(Action by C&MM Deptt., DTL)

2.4 Reactive power compensation at 400kV & 220kV level in DTL network.

The status for installation of reactors in DTL system as updated by DTL Planning deptt. are as under:

S.No.	Bus Name	Voltage level (kV)	Reactor (MVAR)	Latest status
1	Mundka	400	125	DTL Planning deptt. confirmed that the scheme for installation of 2 nos. reactors for Mundka Sub-stn (1 no. 125 MVAR at 400kV level and 1 no. 25 MVAR at 220kV level) and 1 no. 50 MVAR reactor for Peeragarhi Sub-stn has been finalized. The PR will be sent to C&MM deptt. within 3 months. For rest of the Sub-stns, 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.

(Action by Plg. Deptt., DTL)

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

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

1. BTPS- Mehrauli Circuit 1&2.
2. BTPS- Okhla Circuit 1&2
3. BTPS- SaritaVihar Circuit 1&2.
4. BTPS- Gazipur

During the previous OCC meeting held on 24th May 2018, it was deliberated 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 informed that they have already submitted the revised drawing in accordance with last OCC meeting. The following was deliberated and mutually agreed upon in meeting:

- (i) DTL Protection team & BTPS representative will review the revised drawing at site.
- (ii) After mutual agreement on revised drawing BTPS will allow DTL protection team to make necessary changes in Relay wirings.
- (iii) The modified wiring schedule will be updated in drawings as amended on site.

(Action by BTPS/ Prot. Deptt. DTL)

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.

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.

During the previous OCC meeting held on 24.05.2018, the following was deliberated :-

(i) BRPL should ensure reliable 11kV LT supply from their 11kV feeders named BSF and Bamnauli for smooth operation at 400kV Bamnauli Sub-stn.

(ii) BRPL to explore the possibility to extend the 11kV supply from their 11kV feeder named "Trishul" upto 400kV Bamnauli Sub-stn for better reliability.

OCC opined that BRPL should expedite to arrange a reliable LT supply to 400kV Bamnauli S/Stn. As gathered, the request for extension of 11kV Trishul feeder upto 400kV Bamnauli S/stn. is approved at BRPL end. DTL O&M deptt. to follow up. OCC further advised that there should be reliable power supply from the existing 11kV BSF and Bamnauli feeders. All out efforts be done by BRPL end to maintain the uninterrupted 11kV supply at 400kV Bamnauli Sub-stn.

(Action by BRPL/DTL)

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.

The matter was also discussed during previous OCC meeting held on 24.05.2018. The 220KV Sub Station Rohini-I have 04 Nos. of 100MVA Power Transformers. During the peak, loading remains 80-85% of its full load capacity. N-1 criteria is not being met for this Sub Station. The peak load of DTL has already gone to 6934 MW on 08.06.2018. In the event of breakdown of any transformer, the load shedding can't be reled out. TPDDL was requested to bring load relief at Rohini-I Sub-stn after diverting the load to other lightly loaded Sub-stns.

The following was deliberated and mutually agreed upon in the previous OCC meeting held on 24.05.2018:-

(i) 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.

(ii) 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.

(iii) 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.

DTL O&M deptt. informed that nothing remarkable has been done in order to bring load relief at Rohini-I Sub-stn.

The peak demand of Delhi has already reached upto 6934MW on 08.06.2018. The load on 4 nos. 100 MVA transformers at Rohini-I Sub-stn has already gone upto 85% of its capacity. 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 opined that TPDDL must explore the options to meet the overload condition at Rohini-1 by shifting of load to other under loaded Sub-stations & Transformers.

This agenda is referred to steering committee for optimizing the load at Rohini-1 Sub-stn.

(Action by TPDDL/DTL Planning deptt.)

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.

This issue was deliberated and OCC advised that BRPL must explore to shift the load of 220kV Okhla S/stn. to 220kV R.K. Puram or Masjid Moth S/stn.

(Action by BRPL)

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.

The matter was discussed and OCC advised that the agenda be forwarded to steering committee to finalize a firm scheme for 66kV level connectivity for Terminal-3 keeping in view of the commercial aspects for source provision and same to be updated in OCC within 03months.

(Action by Plg. Deptt. / DIAL (GMR))

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 Najafgarh 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.

The following was deliberated:

(i) BRPL needs to take precautions to avoid such tripping conditions by regular line patrolling & tree trimming along with other maintenance activities to maintain reliability of supply.

(ii) To provide load relief at 220kV Najafgarh, BRPL should explore load shift from Najafgarh feeders to 400kV Mundka.

(Action by BRPL)

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.

The following was deliberated:

(i) It was mutually agreed that BRPL will execute the digging/ excavation works at the location of damaged optical fiber while DTL is going to repair the damaged fiber & the cost of repair works will be booked on account of BRPL.

(ii) It was agreed by BRPL that the earthing of above said 33kV cable locations will be modified/ improved.

(iii) TPDDL gave their confirmation for the use of 33kV Bus-coupler at 220kV Wazirpur sub-station to optimize the load condition in that area.

(Action by BRPL)

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.

It was deliberated that:

- (i) The above said maintaining agencies for feeders are correct as per DTL records.**
- (ii) BRPL & MES will mutually sort out the dispute of ownership of Ridge Valley – Khyber Line Ckt-1 & 2 and the owner of the lines will maintain it at their level.**

(Action by BRPL)

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.

The matter was discussed and OCC advised that a separate meeting be called by DTL Planning deptt. with DMRC, Discoms, O&M, Prot. & Metering deptt., Commercial as well as SLDC wherein DMRC will give a detailed presentation/study report on the proposed arrangement. The technical feasibility as well as operational and financial aspect be also discussed.

(Action by Plg. Deptt., DTL & DMRC)

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.**

It was appraised by O&M-II deptt. that the matter has already been discussed in the meeting chaired by Dir.(opr.),DTL on dt.-16.02.2018, wherein following were the deliberations:-

“As HTLS lines are in service and performing successfully for more than two years, New HTLS conductor may be kept as spare by DTL subject to extension of defect liability period of already commissioned HTLS conductor for further 36 calendar months in addition to the existing defect liability period stipulated in the contract by M/s STERLITE.”

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 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-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
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
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	OKHLA S/S	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	PAPPANKALAN-I S/S	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	SARITA VIHAR S/S	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		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
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 KASMERE 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.

During the previous OCC meeting, it was deliberated that the concerned Discoms should ensure alternative source for 11kV feeders emanating from DTL Sub-stns to avoid the load shedding. It was also advised that the matter should be discussed in the steering committee meeting for alternate feed at 11kV level or for shifting of 11kV load from DTL Sub-stations within specific time schedule.

TPDDL informed that shifting of 11kV feeders from 220kV Gopalpur has already been done while it is still in progress at Kanjhawala & Subzi Mandi.

(Action by Discom/ DTL Plg. Deptt.)

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.

It was deliberated that SLDC will identify & point out the weak elements in system during the peak and the same should be communicated to Planning deptt. in writing to make the short term as well as long term planning to meet the power demand in future.

(Action by SLDC/ Plg. Deptt., DTL)

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.

The shutdowns were deliberated. OCC advised that in view of peak summer demand, only emergency shutdowns are allowed between 05 to 09AM. SLDC to take decision as per the load optimization & as per emergency. Discoms were also requested to apply only emergency shutdowns during morning hours.

2.18 PGCIL request for shutdown of 400kV Bamnauli-Samaypur D/C line in connection with commissioning of 400/22/66kV Tughlakabad Sub-stn.

PGCIL have requested for shutdown of 400kV Bamnauli-Samaypur D/C line in connection with commissioning of 400/22/66kV Tughlakabad Sub-stn. 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

It was deliberated that due to ongoing peak summer demand, the shutdown be deferred and to put up in next OCC meeting. PGCIL should come with the completion schedule of 400kV & 220kV Transmission lines, Transformers and GIS Sub-station (400kV, 220kV & 66kV level) at Tughlakabad.

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

Members updated 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	Latest Status of outage
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. Expected by 20.07.2018.

3.	33kV ALAKHNANDA - OKHLA CKT.-I	BRPL	19.04.2018	BREAKER PROBLEM. Expected by 05.07.2018.
4.	33kV KILOKARI - NIZAMUDDIN CKT.	BRPL	05.06.2018	PLANNED SHUT-DOWN FOR ONE WEEK. Expected by 02.07.2018.
5.	33KV JNU - R.K. PURAM-I CKT.	BRPL	09.06.2018	SINGLE CABLE FAULTY. Energized on 13.06.2018.
6.	33kV ALAKHNANDA - OKHLA CKT.-II	BRPL	09.06.2018	SINGLE CABLE FAULTY. Energized on 14.06.2018.
7.	33KV MALVIYA NAGAR - SHIVALIK (U/G) CKT.	BRPL	07.06.2018	SINGLE CABLE FAULTY. Energized on 11.06.2018.
8.	66kV MUNDKA - NANGLOI CKT.	BRPL	08.05.2017	B & Y-PH. CABLE FAULTY. Expected by 05.07.2018.
9.	66KV PAPPANKALAN-II - HASTHAL CKT-II	BRPL	08.06.2018	SINGLE CABLE FAULTY. Expected by 10.07.2018.
10.	66K PASCHIM VIHAR - BODELLA-II CKT-II	BRPL	09.06.2018	UNDER BREAKDOWN. Energized on 12.06.2018.
11.	400kV MUNDKA- 66kV N.W.WORKS CKT.	BRPL	01.06.2018	'R'PH. CABLE FAULTY. Expected by 30.07.2018.
12.	33KV PEERA GARHI - VISHAL CKT.	BRPL	10.06.2018	UNDER BREAKDOWN. Energized on 11.06.2018.
13.	66kV YAMUNA VIHAR - BHAGIRATHI CKT.-II	BYPL	04.05.2018	Y-PH. SINGLE CABLE FAULTY. Energized on 14.06.2018.
14.	66KV PARK STREET - SHASTRI PARK (C) CKT-I	BYPL	08.06.2018	Y-PH. SINGLE CABLE FAULTY. Energized on 18.06.2018
15.	33KV GEETA COLONY - KANTI NAGAR CKT.	BYPL	09.06.2018	R-PH. SINGLE CABLE FAULTY. Energized on 13.06.2018.
16.	33KV SHASTRI PARK (E) - SEELAMPUR CKT.	BYPL	09.06.2018	Y-PH. SINGLE CABLE FAULTY. Energized on 18.06.2018.
17.	66KV MUNDKA- MANGOLPURI-I - T-OFF NANGLOI CKT.	TPDDL	09.03.2018	CABLE FAULTY. Expected by 10.07.2018.
18.	33kV SHAHZADA BAGH - T-OFF RAMA ROAD CKT.	TPDDL	13.04.2018	CABLE FAULTY. Expected by 15.07.2018.
19.	33kV BAY -2 (IP - NIRMAN BHAWAN)	NDMC	16.05.2018	CABLE FAULTY. Energized on 20.06.2018.
20.	220/33kV 100MVA PR.TR.-I AT 220kV NARAINA	DTL	26.07.2017	TR. DAMAGED DUE TO FIRE. Expected by 05.07.2018.
21.	33kV BUS COUPLER AT KASHMERE GATE	DTL		TRIPPING COIL PROBLEM. Accessories yet to arrive from ABB.
22.	220kV TRAUMA CENTRE – RIDGE VALLEY CKT-II	DTL	15.02.2018	CABLE DAMAGED DURING IGL WORKS. Energized on 18.06.2018.
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. Expected by 30.06.2018.
25.	STG-2 at PPCL Bawana	PPCL Bawana	01.10.2017 00:05 hrs.	Problem in Generator Transformer. Expected by 15.07.2018.

TPDDL additional agenda

1. One 220/33kV 100MVA power transformer at DTL Naraina Grid burnt on 26.07.2017. More than 10 months have passed but there is no target date for its energization. It is creating load constraint in almost every night & is creating an overloading situation at BBMB. DTL may please provide target date for its energization.

DTL updated that the work of erection, testing and commissioning of new 100 MVA transformer at Naraina Sub-stn is at final stage and may be energized in 1st week of July 2018.

2. At 220 KV SMB Grid, TPDDL has laid 4 Nos of 66 KV circuits with a cumulative capacity of 220 MW (in comparison to 100 MVA installed capacity at DTL level). DTL may please share plan for energization of new PTR.

DTL updated that the work for ETC of 4 nos. 66kV bays (2 nos. feeder bays, 1 no. I/C bay, 1 no. Bus coupler bay) is under progress. Civil work for Transformer foundation is also under progress.

3. 220 KV RHN-1 Grid's load can be shared with 220 KV Gopal Pur, 220 KV Kanjhawla, 220 KV Shalimar Bagh & 220 KV Narela Grid. Even after energization of new circuits planned to evacuate power from 220 KV RHN-2, max. 40 MW load would be shifted which may not be sufficient to eliminate overloading. One PTR at Kanjhawala was removed earlier but has not been installed back, leading to overloading situation in that area. Accordingly, we need to have additional PTRs at various grids depending upon the system requirement. DTL may share the plan accordingly.

The issue has been discussed in OCC meeting to optimize the load in between 220kV Sub-stations supplying power to Discom feeders. Discoms should provide required alternative links of 33kV & 66kV level feeders in between sub-stations to optimize the load transfer & proper loading of Su-stations.

Planning deptt. should explore to create & provide the required alternative links as identified by Discoms to optimize the load in peak demand seasons.

(Action by Discoms/ Plg. deptt., DTL)

TABLE AGENDA

1. SLDC Agenda

This has in reference to the Agenda point no.14 for forthcoming 148th NRPC OCC. The context of the agenda is as under:

Automatic Demand Management System (ADMS) :

All utilities were once requested to submit update on the action plan & status of implementation of the ADMS in their organization as it is mandatory requirement of Grid code.

Delhi, Haryana, Uttrakhand, & UP representative were requested to take up the matter expeditiously with their distribution companies. SE ,NPC stated that the problems if any in implementing the same may also be brought to the notice of the sub –committee as it is 10 years since the regulations were issued by CERC.

Punjab representative intimated that at SLDC level they were doing remote tripping for 96 locations. He added that the ADMS at 11 kv feeder level is to be implemented by

Distribution Company. He added that the Tender specification had finalized and it has been targeted to complete it by 2020. He assured that the updated status would be submitted in this regard. The information was submitted by HP.

MS NRPC requested all SLDCs (except HP) to look into the issue and get the ADMS implemented soon in their States. All utilities (except HP) are requested to update.

It was deliberated that Discoms will provide the latest status on ADMS in their control area and accordingly it will be updated to NRPC.

2. Shutdown request of 220kV Ridge Valley- Trauma centre Ckt.-I for shifting work. (DTL Project deptt. Agenda)

DTL project deptt. has requested for shutdown of 220kV Ridge Valley- Trauma centre Ckt.-I as per following details:-

S.No.	Name of element	Shutdown From	Shutdown To	Duration of shutdown	Remarks
1.	220kV Ridge Valley- Trauma centre Ckt.-I	17.06.18	22.06.18	6 days	Shifting work of 220kV Cable at BJ Marg by LS cable. Shutdown will be availed after charging of 220kV Ridge Valley- Trauma centre Ckt.-II

After deliberation, the shutdown was approved subject to charging of 220kV Ridge Valley-Trauma centre Ckt-II & its satisfactory load catering performance after its revival.
