

	<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-II IInd Floor, ERP centre, SLDC Minto Road, New Delhi-110002 Website:-www.dtl.gov.in</p>
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No. F.DTL/2018-19/Mgr.(OS)-II/32

Date:25.09.2018

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) General Manager (Civil) 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	AVP (SO)
BYPL	AVP (SO)
NDMC	Superintending Engineer
IPGCL	AGM (T) Opr. GTPS
PPCL	AGM (T) Opr.PPS-I AGM (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)
N. Railways	Sr. DEE (TRD)
	Special Invitee
	Special Invitee

Sub: Agenda for 6th (2018-19) Delhi OCC Meeting to be held on 28.09.2018 (Friday) at 2:30 P.M.

Dear sir/madam,

The 6th (2018-19) Delhi OCC meeting is scheduled to be held on dt.-**28.09.2018 (Friday), 2:30 P.M.** in the office of **GM(O&M)-I, Delhi Transco Ltd., 220kV Sub-Stn Park Street, Opp. Talkatora Stadium, Near R.M.L. Hospital, New Delhi-110001**

Agenda enclosed, Members are hereby requested to make it convenient to attend the meeting.

Thanking You.

Yours Sincerely,

sd/-

(Shankar Kumar)
Mgr.(T) OS-II,DTL

DELHI TRANSCO LIMITED

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

AGENDA FOR DELHI OCC MEETING NO. 06/18-19

Date : 28.09.2018
Time : 2:30 PM
**Venue : O/o-GM(O&M)-I, Delhi Transco Ltd.,
 220 kV Sub-Stn Park Street,
 Opp. Talkatora Stadium, Near R.M.L. Hospital,
 New Delhi-110001**

1. Confirmation of minutes of Delhi OCC meeting held on dated 28.08.2018.

The previous Delhi OCC meeting was held on 28.08.2018 in accordance with the agenda circulated vide letter dt: 22.08.2018. Minutes of the aforesaid OCC meeting were issued vide letter dt.11.09.2018. The same was also uploaded on DTL website.

Members may like to confirm the same.

2. DTL AGENDA POINTS:

2.1 Status of Hot Reserve of transformers at all levels.

The status of hot reserve of transformers as updated by DTL Planning deptt. during previous OCC meeting are as under:-

S.No.	Transformation Capacity	Population in no.	Hot Reserve (No.) Decided	Status updated during previous OCC meeting held on 28.08.2018
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, the same would be replaced with 500MVA Tr.
2.	400/220kV, 315MVA ICT	14		During the last OCC meeting, DTL planning deptt. informed that the PR of this scheme is not finalized yet as finalization of estimate for civil works is still pending at Civil deptt. DTL end. Civil deptt., DTL had inform that the civil works estimation for this scheme is under progress and assured for its finalization upto 12.09.2018. OCC advised to put all efforts to procure this hot reserve to avoid power exigency in summer 2019.
3.	220/66kV, 160MVA	22	2x160MVA	The scheme for 160MVA Tr. as hot reserve at Mundka has been prepared & approved after financial vetting.

				<p>During the last OCC meeting, DTL planning deptt. informed that the PR for this Tr. could be sent to DTL C&MM deptt. after approval of this scheme through DTL board of directors.</p> <p>The scheme for another 160MVA transformer as hot reserve at Mehrauli has been prepared and is under financial vetting before sending it for approval from DTL borad of directors. OCC advised to put all efforts to procure this hot reserve to avoid power exigency in summer 2019.</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 Pappankalan-I by 2019-20.</p> <p>During the last OCC meeting, DTL Plg. Deptt. confirmed that the scheme for 100 MVA Tr. at PPK-I has been prepared while the PR for this scheme is not finalized yet, as finalization of estimate for civil works is still pending at Civil deptt. DTL end.</p> <p>Civil deptt., DTL had inform that the civil works estimation for this scheme is under progress and assured for its finalization upto 12.09.2018.</p> <p>OCC advised to put all efforts to procure this hot reserve to avoid power exigency in summer 2019.</p>
5	220/33kV, 100MVA	37	2	<p>The scheme for 100MVA transformer as hot reserve at Okhla is under financial vetting before board approval.</p> <p>During the last OCC meeting, DTL Plg. Deptt. confirmed that the PR for this Tr. could be sent to DTL C&MM deptt. after approval of this scheme through DTL board of directors.</p> <p>The scheme of 03 nos. 100 MVA Trf at Patparganj (01 no. 220/33kV Trf. as hot reserve and 02 nos. 220/66kV Trf. as augmentation) is already prepared and PR of this scheme is not finalized yet, as finalization of estimate for civil works is still pending at Civil deptt. DTL end.</p> <p>Civil deptt., DTL had inform that</p>

				<p>the civil works estimation for this scheme is under progress and assured for its finalization upto 12.09.2018.</p> <p>OCC advised to put all efforts to procure this hot reserve to avoid power exigency in summer 2019.</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> <table border="1"> <thead> <tr> <th>S N</th> <th>Sub Station</th> <th>Details of existing Tx.</th> <th>Augmen tation 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>Najafga rh</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> <tr> <td>4</td> <td>Sarita Vihar</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>5</td> <td>Pappan kalan-I</td> <td>2 no 66/11k V 20MVA</td> <td>2 no 66/11kV 31.5MV A</td> <td>2020-21</td> </tr> <tr> <td>6</td> <td>Mehrau li</td> <td>2 no 66/11k V 20MVA</td> <td>2 no 66/11kV 31.5MV A</td> <td>2021-22</td> </tr> </tbody> </table> <p>As informed by Plg. Deptt. the scheme of 04 nos. Trf of Lodhi Road is approved and PR against this scheme has been generated.</p> <p>It was further informed by DTL Planning deptt. that the preparation of augmentation scheme for Najafgarh, Okhla and Sarita Vihar is under progress & will be finalized</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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7	33/11kV 16MVA	16																																										

			<p>upto Sep 2018 end. OCC advised to put all efforts for energization of Tr. within the specified target date.</p>
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Planning Department of DTL informed that they have already drawn a detailed plan for augmentation/replacement of 220/66kV Tx in Business Plan 2017-22 as under:-

Sr. No.	Name of the Sub Station	Qty. (No.)	Year	Status of Scheme as on 28.08.2018
1	SaritaVihar (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	P.O. awarded
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 Tx. as mentioned above.

OCC advised Civil deptt., DTL to expedite for early completion of civil foundation works for 160MVA Tr. to be installed at 220kV Najafgarh s/s.

All out efforts be taken to charge the hot reserve transformers within the target date to avoid any power crisis due to breakdown of transformer. 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.

DTL Plg. & Civil deptt. may please update the latest status.

2.2 Status of Procurement of transformers, O&M minimum inventory/spares/services as well as equipments to be procured against PSDF schemes.

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

The P.O. for 09 nos. 160 MVA Transformers (2 for SGTN, 2 for Budhela, 2 for Gopalpur, 2 for Najafgarh and 1 for Kanjhawala) have been awarded to M/s BHEL.

OCC had previously advised that the above augmentation works at Gopalpur, Najafgarh & Kanjhawala need to be taken on priority basis. 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 by/ before March-2019 to meet the power demand of next summer season. Order for civil & erection works to be placed for early commissioning of above Transformers to avert any untoward situation/crisis which may arise due to transformer failure.

During the last OCC meeting, C&MM deptt. updated that 03 nos. of BHEL make 160MVA Transformers are expected to reach the site by Jan-Mar 2019. In view of this OCC advised Planning deptt. to expedite in finalizing the drawings provided by M/s BHEL to ascertain the feasibility in existing Tr. foundations.

DTL C&MM deptt. & Planning deptt. may please update the latest status.

2. Procurement of minimum inventory/spares.

During the last OCC meeting, C&MM deptt. informed that the subjected PR has been approved by competent authority. Further, this PR is going to be put up in next meeting of Board of Directors. After its approval from Board the minimum inventory can be procured as per O&M requirements. OCC advised C&MM deptt. to take necessary actions for further proceedings.

DTL C&MM deptt. may please update the latest status.

3. Procurement of materials under PSDF scheme.

OCC opined 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.

DTL updated 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.

DTL C&MM deptt. may please update the latest status.

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

During the previous OCC meeting, DTL Planning deptt. had inform that the standing committee of CEA on power system planning of Northern region in its 40th meeting held on 22.06.2018 (minutes issued on 30.07.2018) agreed for installation of fixed reactors at the following locations across Delhi. The reactors are required to be installed to address the severe overvoltage problem being experienced in Delhi system. The detailed list as agreed in the meeting & provided in the minutes is given here under:

S.No.	Bus Name	Voltage level (kV)	Reactor (MVAR)
1	Mundka	400	125
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
TOTAL			450

OCC deliberated that due to delay in processing of installation of reactors it is going to be resulted into over/high voltage condition in upcoming winter season. Planning deptt. must expedite to install reactors at some prior locations to be ready to compensate the reactive power in upcoming winter season.

OCC advised that all Discoms, DMRC, Gencos & DTL must put all efforts to control the injection of reactive power in thier respective control areas to maintain the voltage profile at various levels during upcoming winter season. SLDC to monitor the overvoltage situation.

DTL Plg. deptt. may please update the latest status.

2.4 DTL Summer Action Plan-2019.

A meeting was held in the O/o-Dir(opr.),DTL on 25.07.2018 to finalize the summer action plan for 2019 in consultation with SLDC and DTL Planning & CMG deptt. The same was also apprised to OCC in its previous meeting as under:-

S.No.	Details of the scheme	Time Line	Action Plan	Action by
North Delhi				
1.	Addition of 1x160 MVA Transformer at 220kV Kanjhawala	15.05.2019	Existing foundation to be modified as per layout drawing of BHEL Tx to be supplied. As First 160 MVA from transformers package is to be utilize at Kanjhawala.	GM(O&M)-I
2.	a)Addition of 220/66kV 1x100 MVA Transformer at 220kV Shalimarbagh	15.11.2018	Due to the load pattern observed at Mehrauli s/stn during the summer season and outage of 160MVA Power Tx at 220kV Vasant Kunj s/stn , it was decided to shelve the plan of shifting of 100MVA Tx from Mehrauli to Shalimar Bagh. It has now been decided to shift the existing dual ratio 100MVA EMCO Make Power Tx at Shalimar Bagh to newly commissioned 220kV Bay. After repair of 3 rd 100MVA 220/33kV Tx of Preet Vihar would be diverted to Shalimar Bagh in place of EMCO make dual ratio Tx.	GM(O&M)-I Mgr.(O&M) will intimate Civil deptt. for necessary modification in civil foundation as per the drawing.
	b)Addition of 220/33kV 1x 100 MVA at Shalimarbagh	15.06.2019	220/33kV 100 MVA Transformer will be shifted from 220kV Gopalpur S/stn. to Shalimar Bagh. New 220kV & 33kV Transformer bays shall be constructed under QVC of existing contract.	
3.	BRPL would be persuaded to transfer the load of Nangloi Water works from Najafgarh to Mundka	--	The matter was discussed in SCM, it was informed by BRPL that this U/G cable is stable barring a cable fault in the summer months. BRPL was also requested to make possible effort to revive the 66kV Mundka-Nagloi feeder.	Planning and CMG Deptt. to follow up with BRPL.

4.	Addition of 1x160 MVA Transformer at 220kV Goplapur	15.05.2019	66kV GIS is being re-tendered and would not available in next summer. As a stop gap arrangement, 160 MVA Tx would be installed on back to back arrangement at 66kV level for redundancy. TPDDL would be requested to provide 1.0KM 66KV 1000Sq MM cable on loan basis, as discussed in last SM dated 04.07.2018	DTL-Project-I Deptt. to take up with TPDDL
5.	TPDDL to divert load from 220kV Rohini-I to 220kV Rohini-II	31.08.2018	In the SCM dated 04.07.2018, TPDDL has informed that they will cater the load of 66kV DC-1 and RG-4 s/stns from 220kV Rohini-II s/stn in place of 220kV Rohini-I s/stn. This would be reduce the load of Rohini-I by 70MVA.	Planning & CMG Deptt. to follow up TPDDL
West Delhi				
1.	Re-commissioning of faulty 160 MVA BHEL make transformer at Pappankalan-III.	30.10.2019	It has been decided to commission 3 rd 160 MVA BHEL make Transformer from Transformer package at Pappankalan-III.	GM(O&M)-I
2.	BRPL would be persuaded to shift the load of their G-2 grid substation from Pappanklan-I to Pappankalan-III by way of 66kV cable connection	31.03.2019	BRPL agreed in the SCM held on 04.07.218	Planning & CMG Deptt. to follow up BRPL
3.	Augmentation of one no. 160 MVA transformer at Najafgarh	30.04.2019	Repaired BHEL make 160 MVA transformer of Pappankalan-III will be utilized at Najafgarh. Civil department has to suitably modify the existing foundation of 100MVA Tx into 160 MVA Power Tx during the shutdown period in the month of Nov to Dec, so that supplied 160MVA Power Tx could be installed at the plinth of the said 100MVA Tx in minimum possible time.	GM(O&M)-I Concerned Civil Division.

South Delhi				
1.	Creation of 2 nos. of 220kV Bays at Okhla for getting infeed from 400/220kV S/stn. Tuglakabad.	31.12.2018	Work awarded and execution under progress.	Project-I Dept.
2.	BRPL is to be persuaded for executing their already conceived scheme to lay 66kV feeders to (i) Malviya Nagar (ii) Batra Grid from 220/66kV Tuglakabad substation.	Along with the commissioning of s/stn	Cable laying has been done by BRPL.	Planning & CMG Deptt. to follow up with BRPL
3.	BRPL is to be persuaded for putting load at 220kV R.K.Puram to relief Mahrauli/Vasant Kunj S/stn.	31.03.2019	In the SCM held on 04.07.2018, BRPL informed that they have already laid 04 no of 33kV cables would be connected soon. For 66kV Level they would connect 66kV Vasant Kunj B-Block feeder to evacuate about 60-70MVA capacity before summer 2019. The faulty 66kV VasantKunj-Ridge Valley cable ckt. Will be LILOed at R.K.Puram	Planning & CMG Deptt. to follow up BRPL
4.	The replacement of damaged 1x160 MVA Tr. At Vasant Kunj	31.03.2019	The 100MVA Transformer being spared after augmentation at 220kV NJF, would be used at Vasant Kunj	GM (O&M)-II
East Delhi				
1.	Addition of 2 no 66kV Bays at Gazipur to feed PPG Industrial Area and Mayur Vihar for reliability.	31.03.2019	Scheme under finance vetting	Planning & C&MM
2.	Addition of 2 no 66kV Bays at SOW to feed Bhagirathi for reliability.	31.03.2019	Scheme under preparation	Planning & C&MM

During the previous OCC meeting, the next summer plan along with its action plan was discussed among the OCC members. Regarding above, Project deptt. had inform that the works of construction of 220kV Bays at Gopalpur & Okhla are already started and running in parallel.

Discoms were also advised to expedite the above works.

DTL/Discoms may please update the latest status.

2.5 Power evacuation plan for newly commissioned/to be commissioned R.K. Puram, Tughlakabad, Pappankalan-III and Preet Vihar.

Discoms were requested to submit the schedule for evacuation plan upto March 2019 for newly commissioned/to be commissioned grids, i.e. R.K. Puram, Tughlakabad, Pappankalan-III and Preet Vihar for load optimization on DTL network.

BYPL informed that 02 nos. new 33kV feeders are going to be charged at 220kV Preet Vihar s/s before summer season and Preet Vihar s/s would be loaded upto 130MW.

OCC advised Discoms to put minimum 50% load by march-2019 against capacity of these sub-stations, so that the load relief can be provided on other over loaded Transformers & sub-stations.

DTL/Discoms may please update the latest status.

2.6 Proposed planned shutdowns of O&M, DTL

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

OCC may deliberate.

3. SLDC Agenda

3.1 Planned shutdown request of PGCIL for 220kV bus-I & bus-II at Maharani bagh Sub-stn on continuous basis for eight days.

In 151th & 150TH NRPC outage coordination meeting PGCIL has requested the shutdown of 220Kv bus-I & bus-II at Maharani bagh stn on continuous basis for eight days to rectify SF6 gas leakage in B- Phase B3 compartment of bay 203. The shutdown details are as under:

Sr. NO.	ELEMENT NAME	DURATION	REASON
1.	220KV BUS-I MAHARANIBAGH	22.10.18(08.00) to 29.10.18(18.00)	SF6 Gas leakage rectification work in B-Ph B-3 compartment of Bay 203. B-3 Compartment is connected with Both Bus-Bar. So to work on B-3 compartments, it's required both Bus-Bar Shutdown. Gas leakage rectification work shall be done by M/s ABB(OEM). LOA has been issued to OEM. During shut period, power flow shall be fully interrupted from 220kV side .

2.	220KV BUS-II MAHARANIBAGH	22.10.18(08.00) to 29.10.18(18.00)	SF6 Gas leakage rectification work in B-Ph B-3 compartment of Bay 203. B-3 Compartment is connected with Both Bus-Bar. So to work on B-3 compartments, it's required both Bus-Bar Shutdown. Gas leakage rectification work shall be done by M/s ABB(OEM). LOA has been issued to OEM. During shut period, power flow shall be fully interrupted from 220kV side.
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During the previous Delhi OCC Meeting held on 28.08.2018, the shutdown proposal of both 220kV Buses at Maharani Bagh by PGCIL has been deferred as this shutdown is going to total black out 03 nos. radial feed substations (i.e. Lodhi Road, Electric Lane & Masjid Moth). OCC advised that PGCIL must come with a better solution so that at least 01 no. 220kV Bus can be kept alive to feed above radial feed sub-stations. Further, OCC requested to DTL GIS expert committee, DGM (SO) & DGM O&M (South) to explore the better option, so that complete shutdown of both 220kV Buses at Maharani Bagh be avoided. PGCIL should come prepare accordingly.

OCC may deliberate.

3.2 System study for capacitor requirement in NR for year 2018-19.

The matter is a regular agenda in NRPC OCC to do system study for capacitor requirement in Northern Region. NRPC has approved the capacitor requirement study at 11/33kV level from CPRI to obtain the true requirement of capacitor for FY 2018-19. In this regard all NR utilities were requested to give peak summer data (Load/Voltage) and details as per format approved in NRPC.

In 151st NRPC OCC meeting the format for data collection has been modified and the NR constituents were requested to submit data in revised formats.

The representative from CPRI (Dr. Manohar Singh) made a detailed presentation explaining the format for capacitor study for 2019-20 of NR. CPRI has made a detailed video explaining the format which is available on YouTube at the given link (<https://youtu.be/QTxx7owPF3g>). Personnel concerned for collecting the data is advised to go through the video before collecting the same for the study.

CPRI has also requested to initially fill the attached data format for any one 220 kV or 132 kV substation and send it back CPRI (manoharsingh@cpri.in) to check its suitability for utilization in carrying out the study. Once CPRI gives a go ahead for the submitted data, the data for the complete state network shall be collected and made available to CPRI.

The revised formats have been attached with necessary guidelines such as PPT and Video for filling the data in desired formats.

OCC may deliberate.

3.3 Requirement of data for the GIS based energy map being developed by Energy division of NITI Aayog.

This is in reference to the agenda item no. 19 of 149 NRPC OCC meeting. Energy Division of Niti Aayog is preparing a GIS based energy map. Therefore, Member Secretary, NRPC has requested all Discoms / Power Department to furnish the information regarding the Name, Voltage level, Capacity Longitude and Latitude of 33kV & 66kV S/Stns and Lines. The format for data is attached as Annexure –III.

During the previous Delhi OCC meeting held on 28.08.2018, OCC deliberated that this agenda has been discussed in OCC meeting for multiple times, but till now the requested data has not been provided by Discoms & DMRC. OCC requested all concerned to furnish the requisite data required for GIS based energy mapping.

SLDC have informed that till date no information has been received. It is once again requested to Discoms, DMRC & Genco's to submit the requisite information.

OCC may deliberate.

3.4 Status of implementation of recommendations of enquiry committee on Grid disturbances held on 30 and 31.07.2012.

This is in reference to the agenda item no. 14 of 150 NRPC OCC meeting. The status of implementation of recommendations of enquiry committee on grid disturbances held on 30 and 31.07.2012 is not updated by DTL and Delhi Genco's to NRPC.

In 147th NRPC OCC meeting, All utilities were requested to update the information as per the letter enclosed at Annexure 18 with the Agenda of the 146th OCC meeting.

The indicative formats are attached.

DTL and Delhi Gencos are requested to submit the status to NRPC.

OCC may deliberate.

3.5 Damage of DTL 220kV Peeragarhi - Mundka both optical fibre cable along with DTS fibre by M/s BRPL on dt.-06.06.2018.

DTL informed that both optical fibre cable along with DTS fibre between 220kV Peeragarhi – Mundka D/C has been damaged by M/s BRPL on dt.-06.06.2018 during tracing/rectification of fault in their 66 KV Mundka-water works cable emanating from Mundka Sub-stn. which is running in parallel to DTL 220kV Peeragarhi – Mundka D/C cable.

The matter was also deliberated in Delhi OCC Meeting (03/18-19) held on 15.06.2018 at DTL, 220kV Sub Stn Park Street Building in which 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.

However, as on date no action in this regard have been taken by M/s BRPL.

BRPL may deliberate.

4. BYPL Agenda

4.1 Energization of 66kV Shastri Park Ckt.-II & III instead of 66kV Ghonda Ckt.-I from DTL 220kV South of Wazirabad Sub-stn on dt.-17.09.2018 at 16:35 hrs.

BYPL have informed that a planned shutdown of 66kV Ghonda Ckt.-I was availed by them at 220kV South of Wazirabad S/Stn on dt.-17.09.2018 at 10:10 hrs. Planned shutdown was also availed on 66kV O/G ckt. Shastri Park Ckt.-I, II, III & IV at 10:33 hrs. by BYPL. All the above five nos. 66kV ckts. were earthed at both ends.

At 16:19 hrs., BYPL Mtc. staff gave clearance of 66kV Ghonda Ckt.-I and requested SLDC for energization of this Ckt. from South of Wazirabad end after removing the earth link.

However, At 16:35 hrs., heavy sound and flash was observed at 66kV Shastri park grid.

Later, it was revealed that 66kV Shastri Park ckt.- II & III was energized from DTL South of Wazirabad end in place of 66kV Ghonda Ckt.-I. Fortunately, all the men and materials were removed from Shastri park feeders.

BYPL have requested that the issue be looked into by DTL to avert such incidences in future. Letter in this regard have also been written by BYPL to SLDC and is attached as Annexure-BYPL.

DTL/SLDC/BYPL may deliberate.

5. 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 25.09.2018
1.	33kV BAY -3 (IP – KILOKARI)	BRPL	22.02.2011	Clearance from Railways for laying down the 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 RIDGE VALLEY - KHEBAR LANE CKT.-II	BRPL	13.01.2016	'R' PH. SINGLE CABLE FAULTY
5.	EXHIBITION GROUND-I-33kV INCONNECTOR	BRPL	30.05.2018	CABLE FAULTY
6.	33kV LODHI ROAD - EXHIBITION GROUND-II CKT.	BRPL	02.08.2018	'R' PH. SINGLE CABLE FAULTY
7.	33kV OKHLA PH.-II-JAMIA -T-OFF SARAI JULIENA CKT.	BRPL	14.08.2018	T-POINT SIDE JUMPER OPENED
8.	33kV SIRI FORT - MEDICAL CKT.	BRPL	21.08.2018	'Y' PH. SINGLE CABLE FAULTY
9.	33kV VSNL – NEHRU PLACE CKT	BRPL	23.08.2018	UNDER SHUTDOWN
10.	220kV OKHLA – 33kV MASJID MOTH CKT	BRPL	29.08.2018	UNDER SHUTDOWN.
11.	33kV AMBIENCE MALL – V.KUNJ 'B' BLOCK T-OFF	BRPL	31.08.2018	JUMPER OPENED FROM T-OFF ANDHERIA BAGH

	ANDHERIA BAGH CKT.			
12.	220kV TRAUMA CENTRE-33kV BHIKAJI CAMA PLACE	BRPL	20.09.2018	SINGLE CABLE FAULTY
13.	33kV ROHTAK ROAD-VISHAL CKT.	BRPL	09.09.2018	UNDER BREAKDOWN
14.	66kV MUNDKA - NANGLOI CKT.	BRPL	08.05.2017	'B' & 'Y' PH. CABLE FAULTY
15.	20MVA PR. TR.-II AT S.B. MILL	BRPL	14.09.2018	UNDER SHUTDOWN
16.	33kV VISHAL-SUDARSHAN PARK CKT.	BRPL	17.09.2018	UNDER SHUTDOWN
17.	400kV MUNDKA - 66kV NANGLOI W.WORKS CKT.	BRPL	24.09.2018	UNDER SHUTDOWN
18.	220kV PATPARGANJ - GURU ANGAD NGR CKT.-II	BYPL	24.09.2018	'B' PH. CABLE FAULTY.
19.	66KV MUNDKA-MANGOLPURI-I - T-OFF NANGLOI CKT.	TPDDL	09.03.2018	CABLE FAULTY.
20.	33kV SHAHZADA BAGH - T-OFF RAMA ROAD CKT.	TPDDL	13.04.2018	CABLE FAULTY.
21.	220/66kV 160MVA PR.TR.-III AT 220kV VASANT KUNJ	DTL	26.04.2018	TRANSFORMER BURNT DUE TO FIRE. TO BE REPLACED.
22.	33kV BUS COUPLER AT KASHMERE GATE	DTL		TRIPPING COIL PROBLEM. EXPECTED BY SEPTEMBER 2018.
23.	30MVA PR.TR. AT 220kV NARELA	DTL	11.08.2018	TRANSFORMER TO BE DE-CAPITALIZED.
24.	66kV BUS COUPLER AT 220kV PAPPANKALAN-III	DTL	24.06.2018	GAS PRESSURE PROBLEM. TO BE ATTENDED BY PGCIL STAFF.
25.	66kV CAPACITOR BANK AT 220kV NARELA	DTL	11.08.2018	66kV CAPACITOR BANK CELLS BLASTED AT 220kV NARELA. TO BE REPLACED. EXPECTED BY OCTOBER 2018.
26.	220/33kV 100MVA PR. TR.-I AT 220kV RPH STN.	DTL	03.09.2018	TRIPPED ON BUCHOLZ AND DIFFERENTIAL RELAY.TRANSFORMER FAILED. REPLACEMENT IS EXPECTED BY 10.10.2018.
27.	315MVA ICT-III AT 400kV BAWANA	DTL	02.09.2018	TRIPPED ON DIFFERENTIAL. 'Y' PH. BUSHING DAMAGED. BEING ATTENDED BY PGCIL STAFF. EXPECTED BY OCTOBER 2018.
28.	STG-2 at PPCL Bawana	PPCL Bawana	01.10.2017	Problem in Generator Transformer. Expected by 11.09.2018
