



DELHI TRANSCO LIMITED
(A Govt. of NCT of Delhi Undertaking)
An ISO 9001:2015 certified company
Office of DGM(T) OS, Convener-OCC
1st Floor, 220 kV Sub-Stn Park Street, Opp. Talkatora Stadium,
Near R.M.L. Hospital, New Delhi-110001
Web:-www.dtl.gov.in, E-mail :- dgm.os@dtl.gov.in

No. F.DTL/831/F.4/2018-19/DGM (OS)/04

Date:-01.05.2018

To,
All Members of Operation Co-ordination committee

DTL	General Manager (O&M)-I, Chairman OCC General Manager (O&M)-II General Manager (Planning) General Manager (Protection, Metering, Safety & Disaster Mgmt.) DGM (O&M) - North, South, East, West DGM (M/P) DGM (Plg.)	Fax no. 011-23366160 Fax No.011-23622707
SLDC	ED (SLDC) DGM (SO)	Fax no. 011-23221069 Fax no. 011-23221059/12,
TPDDL	DGM	Fax no. 011-66050602
BRPL	Vice President (SO) Asstt. Vice President	Fax no. 011-39996549 Fax no. 011-39996549
BYPL	Asstt. Vice President (SO)	Fax no. 011-39996549
NDMC	Executive Engineer (M/F)	Fax no. 011-23235754
IPGCL	AGM (T) COS AGM (T) Opr. GTPS	Fax no. 011-23284797 Fax no. 011-23370884
PPCL	DGM (T) Opr. PPS-I DGM (T) Opr. PPS-III	Fax no. 011-23378947 Fax no. 011-27791175
MES	AEE/M.SLDC Officer	
BTPS	AGM (EEMG)	Fax no. 011-26944348
BBMB	Sr. Executive Engineer, O&M	Fax no. 011-28315542
DMRC	Addl. GM (Elect.) General Manager (Elect.)	Special Invitee Special Invitee
GMR(DIAL)	GM(DIAL)	Special Invitee
N. Railways	Sr. DEE (TRD)	Special Invitee
EDWPCL	Director(EDWPCL)	Special Invitee
Delhi MSWSL	Station Incharge	Special Invitee

Sub :- MOM of Delhi OCC Meeting (01/18-19) held on 20.04.2018 at DTL, 220kV Sub-stn Park Street Building.

Dear sir/madam,

Delhi OCC meeting (No.-01/18-19) for April-2018 was held on **20.04.2018** in O/o :- **GM(O&M)-I, Delhi Transco Ltd., 220kV Sub-stn Park Street Building, Opp. Talkatora Stadium, Near R.M.L. Hospital, New Delhi-110001.**

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

Thanking You.

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

Copy for favour of kind information to:

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

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

DELHI TRANSCO LIMITED

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

MOM OF DELHI OCC MEETING HELD ON 20.04.2018

GM (O&M)-I, DTL, Chairman-OCC welcomed the members of OCC in its meeting held on 20.04.2018. Representatives of Dicom, Gencos, DTL, SLDC, DMRC and other utilities attended the meeting. List of the officers attended the meeting is enclosed as annexure.

The meeting was started with the presentation on review of grid operation for March 2018. It was informed that Delhi peak demand of 3766 MW for March-2018 was met on 27.03.2018 at 19:27:53 hrs. Discom wise load as well as generation within Delhi during the peak and load curve for all the Discoms during the March month was depicted. Planning of Grid operation for May 2018 was also discussed, wherein it was explained that the anticipated peak demand for May 2018 would be around 6450 MW.

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

1. Confirmation of minutes of previous Delhi OCC meeting held on dated 27.03.2018.

The previous Delhi OCC meeting was held on 27.03.2018 in accordance with the agenda circulated vide letter dt: 22.03.2018. Minutes of the aforesaid OCC meeting were issued vide letter dt.11.04.2018. The same was also uploaded on DTL website.

No comments have been received from any of the OCC participating members regarding the contents of MOM. As such the minutes of Delhi OCC meeting held on dated 27.03.2018 were confirmed. Members confirmed the receipt of MOM on their respective e-mail ids.

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.
2.	400/220kV, 315MVA ICT	14		DTL Plg. Deptt. confirmed that the scheme is under preparation stage. OCC advised to expedite the same.
3.	220/66kV, 160MVA	22	2x160MVA	One 160MVA transformer would be kept as hot reserve and placed at Mundka. The scheme for 160MVA Tr. as hot reserve at Mundka has been prepared and is under approval. In steering committee meeting dated 04.04.2018 it was deliberated that 160 MVA transformer which was

				<p>earlier to be kept at Rohini-II will now be placed at Mehrauli. Accordingly scheme will prepared. OCC advised that considering the continuous growth in demand and in view of recent failure of transformers, the scheme for both 160 MVA Trs. for Mehrauli and Mundka Sub-stn be finalized by the end of July 2018.</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 is under preparation stage. OCC advised that considering the continuous growth in demand and in view of recent failure of transformers, the scheme for 100 MVA Tr. for PPK-I Sub-stn be finalized by the end of July 2018.</p>										
5	220/33kV, 100MVA	37	2	<p>In steering committee meeting dated 04.04.2018 it was deliberated that one no. 100 MVA transformer which was earlier planned for Kashmere gate Sub-stn will now be placed at Okhla. Accordingly scheme for one no. 100 MVA Tr. at Okhla will prepared. The scheme for one no. 100 MVA at Patparganj is under preparation. OCC advised that considering the continuous growth in demand and in view of recent failure of transformers, the scheme for both 100 MVA Trs. for Okhla and Patparganj Sub-stn be finalized by the end of July 2018.</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" data-bbox="949 1960 1458 2170"> <thead> <tr> <th>S . N</th> <th>Sub Station</th> <th>Details of existing Tx.</th> <th>Augmentation Plan</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Lodhi Road</td> <td>2 no 33/11kV</td> <td>2 no 33/11kV 25MVA</td> <td>2018-19</td> </tr> </tbody> </table>	S . N	Sub Station	Details of existing Tx.	Augmentation Plan	Year	1	Lodhi Road	2 no 33/11kV	2 no 33/11kV 25MVA	2018-19
S . N	Sub Station	Details of existing Tx.	Augmentation Plan	Year										
1	Lodhi Road	2 no 33/11kV	2 no 33/11kV 25MVA	2018-19										
7	33/11kV 16MVA	16												

					20MVA				
					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	
					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 Mehrauli	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2021-22	
<p>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>									

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 Approval
3	Najafgarh	2	2018-19	Under tendering stage
4	Okhla	1	2018-19	Under Approval
5	Mehrauli	1	2019-20	To be prepared
6	Patparganj	2	2019-20	To be prepared
	Total	8		

OCC advised DTL to adhere the time lines of augmentation/replacement of Trs. as mentioned in Business Plan 2017-22.

(Action by DTL Planning deptt.)

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

(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.

The following was deliberated in previous meeting:-

1. Representative of DTL C&MM deptt. informed that w.r.t procurement of hot reserve transformer, one such request has been received in the C&MM department on 21.12.2017 for transformer package including one no. hot reserve 160 MVA transformer for Kanjhawala. The order for 9 nos. Transformer is expected to be placed in the month of May 2018 and its procurement will be in the month of Oct/Nov 2018 (i.e after 06 month after date of order)
2. Representative of DTL C&MM deptt. further informed that PR w.r.t availability of minimum inventory in Material Management Department is pending with finance department. **OCC advised that the matter be taken up at priority level and express procurement be initiated for procurement of min. inventory/spares to meet the summer demand requirement.**
3. The status of PSDF was updated. OCC directed that the procurement/execution against PSDF scheme is time bound activity. As such, every effort be made to complete the PSDF scheme in time bound manner.
4. OCC directed that the hot reserve Tr. is essentially required for maintaining summer season loading in case of failure of any Tr. Therefore hot reserve of each category of transformer be procured immediately.
5. Min. inventory as discussed and finalized between O&M and C&MM deptt. be procured immediately.
6. DTL C&MM deptt. to update the month wise progress in every DELHI OCC meeting.

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

(Action by DTL C&MM deptt.)

2.4 Status of replacement of Porcelain disc Insulators with long road Polymer Insulators in various 220kV lines.

The progress of work of replacement of Porcelain disc Insulators with long road Polymer Insulators in various 220kV lines be updated by the nodal officer.

It was apprised by DTL that almost 65% work of insulator replacement has been carried out. SLDC pointed out that in view of peak summer demand, further shutdown for insulator replacement work will not be feasible. OCC noted the same.

(Action by DTL)

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

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

S.No.	Bus Name	Voltage level (kV)	Reactor (MVAR)	Remarks
1	Mundka	400	125	The scheme for 125 and 25 MVAR at 400 KV Mundka sub station has been finalized and under costing. For rest, the schemes are under preparation.
2	Bamnauli	220	2x25	
3	Indraprastha	220	2x25	
4	Harsh Vihar	220	2x50	
5	Electric Lane	220	1x50	
6	Mundka	220	25	
7	Peeragarhi	220	1x50	One GIS 220kV bay is spare at Peeragarhi. The S/Stn. is connected with 1000sq.mm 220kV Mundka-Peeragarhi D/C (13KM) and 220kV Peeragarhi- Wazirpur D/C (8.3KM) cables. Due to these cables, during off-Peak hrs particularly during winter nights, voltage shoots up beyond the permissible limits. Therefore during winter nights one ckt. is kept in operation out of the four 220kV cable circuits to control high voltage issue to some extent. This ckt. also trips on account of high voltage affecting the areas fed from Peeragarhi S/Stn. To overcome high voltage issue one 220kV, 50 MVAR Reactor is proposed to be installed at Peeragarhi S/Stn. considering the fact that one 220kV GIS bay is also available.
8	Maharani Bagh (PG)	400	125	To be installed by Powergrid.
9	Mandola (PG)	400	125	To be installed by Powergrid.
TOTAL			700	

(Action by DTL Planning Deptt.)

2.6 Deemed availability of 220kV Ridge Valley-Trauma Centre-II w.e.f. 15.02.2018 to 28.02.2018 for finalization of Availability for Feb-2018.

The 220kV Ridge Valley-Trauma Centre-II U/G cable got faulty on dt.-15.02.2018 due to excavation work being carried out by external agency (M/s IGL).

As such, the ckt. may be treated as deemed available for the period 15.02.2018 to 28.02.2018 for finalization of Availability for Feb-2018 as per DERC guidelines.

It was deliberated that the 220kV Ridge Valley-Trauma Centre-II U/G XLPE cable became faulty on dt.-15.02.2018 due to excavation work being carried out by external agency (M/s IGL). As such, in terms of DERC guidelines, the Ckt. may be treated as deemed available during its outage, since the cable fault have been done by external

agency, beyond the control of DTL. Necessary corrigendum for revision in Availability for Feb 2018 be issued by Delhi SLDC.

(Action by Delhi SLDC)

2.7 Proposed planned shutdowns of O&M, DTL

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

The shutdowns were deliberated in the meeting. The shutdowns for replacement of polymer insulator work was not approved due to ongoing summer peak load demand. Those shutdowns be again replanned in lien season. The approved shutdown list is enclosed as Annexure.

SLDC pointed out that the OCC shutdown list is being sent mere 2-3 days before the scheduled date of OCC meeting. Moreover, additional shutdowns are further sent to them through OS deptt. till the convening of OCC meeting. In such a small period of time, it becomes difficult for SLDC to analyse/prioritize the shutdowns.

OS deptt. informed that despite of the request on monthly basis to provide the shutdown list, the shutdowns are not being sent by O&M deptt. by the stipulated date as requested by OS deptt. On an average only 30-40% shutdowns are being received by OS deptt. as on the stipulated date.

In order to streamline such situation, it was mutually agreed by the OCC members that following deadline be strictly adhered by each deptt. for monthly Delhi OCC meeting:-

S.No.	Shutdown request activity	Due date
1.	Planned shutdown list to be sent in the office of concerned GM(O&M)-I/GM(O&M)-II/GM(PM&DMS)/GM(Project)-I/II after proper scrutinizing at each level (AM, Mgr., DGM)	By 10 th day of each month
2.	Scrutinizing and forwarding the compiled shutdown list to DGM(OS) by each GM circle	By 13 th day of each month
3.	Scrutinizing, Compiling and forwarding the final shutdown list to SLDC deptt	By 15 th day of each month

Note:-

1. In case the due date for submission/forwarding of shutdown falls on holiday, the working day immediately prior to the due date be considered.

2. The shutdown list be sent to GM office after proper scrutinizing at the level of AM(T), Mgr.(T) and DGM(T).

3. In order to optimize the system availability, the shutdown of lines/transformers be planned in such a manner so as to carry multiple work related to line mtc. as well as bay equipment mtc. (at both ends of the line) and Protection testing related activities in one go. The Sub-stn AM(T)-Mtc. will coordinate regarding the same.

4. No shutdown will be entertained by OS deptt. after 15th day of the month.

2.8 DMRC request for shutdown of 220kV D/C Najafgarh-Bamnauli lines.

M/s DMRC vide its letter dt.-20.03.2018 have requested for seven days consecutive shutdown (from 8 AM to 5 PM) of 220kV D/C Najafgarh-Bamnauli lines at the earliest for removing the structural steel soldier pipes with the help of crane.

Mgr.(O&M),N-3 have informed that the soldier pipes, 38 nos., about 20 mtr. Deep are required to be excavated back with the help of crane of suitable height. The said location is

just beneath the DTL 220kV D/C Najafgarh-Bamnauli lines and hence the usage of crane without the shutdown may be dangerous from safety point of view.

It was deliberated that in view of peak summer demand, the shutdown of 220kV D/C Najafgarh-Bamnauli lines can't be allowed for seven days. OCC opined that the shutdown be planned after summer season.

(Action by DMRC)

2.9 PGCIL request for 10 days shutdown of 220kV Mehrauli-BTPS D/C line starting w.e.f. 25th April 2018 on continuous basis.

M/s PGCIL have requested for 10 days shutdown of 220kV Mehrauli-BTPS D/C line starting w.e.f. 25th April 2018 on continuous basis for its LILO at upcoming 400/220/66kV Tughalakabad Sub-stn. M/s PGCIL have informed that for construction of LILO, 03 towers are to be erected under the shutdown as the LILO is coming into the same corridor.

The matter was discussed at length by the OCC members. BRPL pointed out that due to already stressed grid conditions in view of summer demand, there is minimal margin of shifting the load from Mehrauli and Vasant Kunj Sub-stn.

OCC opined that in view of ongoing peak summer demand and also considering grid security and uninterrupted power supply to DIAL Airport and south Delhi Areas, the shutdown for 10 days of 220kV Mehrauli-BTPS D/C line will not be feasible.

(Action by PGCIL)

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
1.	33kV BAY -3 (IP – KILOKARI)	BRPL	22.02.2011	Clearance from Railways for laying of Underground cables near Bhairon Road is pending. OCC advised BRPL to inform DTL after awarding of the said work. During the OCC meeting dt.-28.11.2016, It was deliberated that the above work shall be started after joint inspection with Railways.
2.	33kV RIDGE VALLEY - KHEBAR LINE CKT.-II	BRPL	31.01.2016	R-PHASE SINGLE CABLE FAULTY. Expected by 25.05.2018.
3.	66kV VASANT KUNJ INSTL.AREA-RIDGE VALLEY CKT.-I	BRPL	26.03.2017	UNDER SHUTDOWN. Expected by 20.05.2018.
4.	11kV I/C-I AT RIDGE VALLEY	BRPL	24.01.2018	UNDER BREAKDOWN. Expected by 14.05.2018.
5.	33kV LODHI ROAD - EXHIBITION GROUND -II CKT.	BRPL	17.02.2018	'B'PH. 2ND CABLE FAULTY. Energized on 13.04.2018.
6.	33KV RIDVE VALLEY - R.K. PURAM-II CKT-I	BRPL	04.04.2018	B-PH CABLE FAULTY. Energized on 15.04.2018.
7.	20MVA PR.TR.-II AT VASANT VIHAR	BRPL	06.04.2018	UNDER SHUTDOWN. Energized on 16.04.2018.
8.	66kV PARK STREET - RIDGE VALLEY CKT-II	BRPL	09.04.2018	R-PH CABLE FAULTY. Energized on 12.04.2018.

MOM of Delhi OCC meeting held on 20.04.2018

9.	20MVA PR.TR.-I AT OKHLA PH.-II	BRPL	11.04.2018	UNDER BREAKDOWN. Expected by 09.05.2018.
10.	66kV MATHURA ROAD - MCIE CKT.-I	BRPL	12.04.2018	B-PH CABLE FAULTY. Energized on 16.04.2018.
11.	66kV MUNDKA - NANGLOI CKT.	BRPL	08.05.2017	B & Y-PH. CABLE FAULTY. Expected by 06.05.2018.
12.	25MVA PR.TR.-III AT G-4 DWARKA	BRPL	12.03.2018	UNDER SHUT DOWN. Expected by 30.05.2018.
13.	33kV NARAINA(220kV) - MAYA PURI CKT.-I	BRPL	14.03.2018	R-PH SINGLE CABLE FAYLTY. Energized on 16.04.2018.
14.	66kV G-6 PPK - G-15 DWARKA CKT.-I	BRPL	09.04.2018	B-PH CABLE FAULTY. Expected by 02.05.2018.
15.	33kV PANKHA ROAD-JANAKPURI CKT.-I	BRPL	15.04.2018	PUT OFF DUE TO BREAKER PROBLEM. Energized on 16.04.2018.
16.	66kV PPG - AKSHARDHAM CKT	BYPL	06.08.2017	CABLE FAULTY. Expected by 30.05.2018.
17.	33kV SEELAMPUR -DWARKAPURI CKT.	BYPL	05.04.2018	Y-PH SINGLE CABLE FAYLTY. Expected by 10.05.2018.
18.	66KV MUNDKA- MANGOLPURI-I - T-OFF NANGLOI CKT.	TPDDL		CABLE FAULTY. Expected by 30.05.2018.
19.	220kV KANJHAWALA - 66kV ROHINI-23 CKT.-II	TPDDL		CABLE FAULTY. Expected by 10.05.2018.
20.	33kV SHAHZADA BAGH - T-OFF RAMA ROAD CKT.	TPDDL		CABLE FAULTY. Expected by 05.05.2018.
21.	33KV TRAUMA CENTRE - RAJIV GANDHI BHAWAN CKT.	NDMC	11.03.2018	'Y' PH. CABLE FAULTY. Expected by 04.05.2018.
22.	220/33kV 100MVA PR.TR.-I AT 220kV NARAINA	DTL	26.07.2017	TR. DAMAGED DUE TO FIRE. Expected by 20.05.2018.
23.	33kV BUS COUPLER AT KASHMERE GATE	DTL		TRIPPING COIL PROBLEM. Spares yet to arrive from ABB.
24.	220kV PATPARGANJ - GAZIPUR CKT.	DTL	07.02.2018	CABLE FAULTY. Energized on 17.04.2018.
25.	220kV TRAUMA CENTRE – RIDGE VALLEY CKT-II	DTL	15.02.2018	CABLE FAULTY. Expected by 31.05.2018.
26.	220/33kV 100MVA PR.TR.-II AT 220kV PREET VIHAR	DTL	12.03.2018	TRANSFORMER FAULTY & NEED TO BE REAPIRED IN O.E.M WORKSHOP.
27.	220/33kV 100MVA PR.TR.-I AT 220kV PREET VIHAR	DTL	18.03.2018	SHUT DOWN DUE TO ACETYLENE GAS FORMATION. Energized on 24.04.2018.
28.	220/33kV 100MVA PR.TR.-I AT LODHI ROAD	DTL	30.03.2018	SHUT-DOWN FOR OVERHAULING. Expected by 03.05.2018.
29.	220/66kV 100MVA PR.TR.-III AT 220kV SARITA VIHAR	DTL	05.04.2018	PUT OFF ON BASIS OF D.G.A. RESULTS. Energized on 23.04.2018.
30.	33/11kV 20MVA PR.TR AT 220kV KAHMERE GATE	DTL	06.04.2018	11kV CABLE DAMAGED. Energized on 17.04.2018.
31.	STG-2 at PPCL Bawana	PPCL Bawana	01.10.2017 00:05 hrs.	Problem in Generator Transformer. Expected by 15.07.2018.

TABLE AGENDA

1. Successful black start exercise of G.T. Unit-3 of GTPS (IPGCL) conducted on 13.04.2018 (SLDC Agenda)

The black start operation was carried out on Gas turbine Unit -3 on dt. 13.04.2018 in the presence of senior officials from CEA, NRLDC, NRPC, SLDC, DTL & DISCOMS.

The Gas Turbine Unit-3 was in off condition on ratchet (turning gear) and the machine was made ready to start.

GT Unit-3 was started through DG set on emergency mode and a 66KV bus bar 2(dead bus) charged by GT Unit- 3 and a radial load of NDMC feeder was met to 12 MW. Later this GT Unit-3 along with radial load of NDMC was synchronized with Grid through 66KV incomer-2 of 160MVA-2.

The detailed report is attached at Annexure. OCC noted the same.

It was however pointed out by SLDC that there was delay in putting and throwing the load by NDMC. OCC opined that NDMC should check the reason and necessary corrective measures be taken henceforth.

It was further pointed out by SLDC that during the grid disturbance occurred on 21.02.2018 at 12:28 hrs., the 220kV Bus-I and 220kV Bus-II couldn't be synchronized at Pragati Sub-stn due to significant difference in Bus voltages. The matter has been viewed very seriously by NRPC also. PPCL representative stated that they are not accessed with the 220kV Bus voltages and frequency at Pragati Sub-stn. In order to avert such situation, following remedial measures be taken by DTL and PPCL for which both of them agreed:-

(i)The voltage and frequency of both 220kV Buses be provided by DTL to PPCL. Similarly, the voltage and frequency of the GTs be provided by PPCL to DTL. The supply of necessary meters, wires, etc. including its laying be done by PPCL.

(ii)PPCL to control the voltage, frequency parameters in order to synchronize both the 220kV bus at the earliest after the instruction of SLDC.

(iii)During islanding and after the instructions of SLDC, the DTL and PPCL control room staff will communicate with each other in order to synchronize both the 220kV bus at the earliest.

(Action by PPCL/ DTL)

2. Delay in approval of drawings by BTPS in r/o installation of Line Differential relays in various 220kV feeders emanating from BTPS. (DTL Agenda)

DTL informed that the work for Commissioning of Line Differential relays at the following feeders emanating from BTPS is in progress:-

1. BTPS- Meharauli Circuit 1&2.
2. BTPS-Okhala Circuit 1&2
3. BTPS-Sarita Vihar Circuit 1&2.
4. BTPS –Gazipur

Line Differential relays has already been installed in the DTL feeders. All the relays are installed in the BTPS end and DTL end. However due to delay in the approval of Drawings from BTPS end, the relays could not be commissioned at BTPS end. DTL has already submitted the drawings to BTPS on dated 27/02/2018. Despite of repeated persuasions, the drawing approval from BTPS end is pending.

No representative of BTPS was present in the meeting to brief the status. However, The matter was deliberated and OCC opined that the 220kV O/G DTL lines from BTPS are vulnerable of frequent trippings due to unauthorized construction and growth of vegetation beneath the lines. As such, the unit protection of these lines are utmost important for grid security. The BTPS representative for OCC was advised to coordinate with their concerned division for necessary approval of the drawings within 15 days. DTL Protection deptt. to coordinate with BTPS for same.

(Action by BTPS/DTL Prot. deptt.)

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