



DELHI TRANSCO LIMITED
(A Govt. of NCT of Delhi Undertaking)
Office Of DGM(T)OS
1st Floor, 220 KV Sub-Stn Park Street Building,
New Delhi-110001

No. F.DTL/201/2024-25/DGM(OS)/F4/ 49

Date: 28/8/2024

Subject: 5th Meeting of Delhi Operation Coordination Committee (2024-25)- Minutes of Meeting.

The 5th meeting of Delhi Operation Coordination Committee (OCC) was held on 22.08.2024, 11:00 A.M. in the O/o GM(T)O&M-I DTL.

The Minutes of Meeting are enclosed for confirmation and necessary action.

Minutes of Meeting are also available on DTL website, www.dtl.gov.in under the tab "News and Information"-OCC Meeting.(http://dtl.gov.in/Content/369_1_OCC-Meeting2024.aspx).

Thanking You.

Sincerely yours,

--Sd--

(Hitesh Kumar)

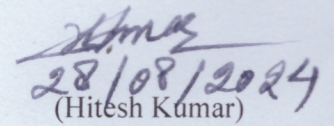
Dy. General Manager (OS)

Delhi Transco Limited

Copy for favor of kind information to:

- (i) Secretary, DERC, Viniyamak Bhawan, C-Block, Shivalik, New Delhi-17
- (ii) OSD to CMD, DTL
- (iii) Director (Operation), DTL

To all members - - As per list enclosed - -


28/08/2024
(Hitesh Kumar)

Dy. General Manager (OS)

Delhi Transco Limited

5th Meeting of Delhi Operation Coordination Committee (2024-25)- Minutes of Meeting

Distribution List:

DTL	1. General Manager (O&M)-I 2. General Manager (O&M)-II 3. General Manager (P&M, DM&S) 4. General Manager (Planning) 5. DGM (O&M) - North, East, West, South 6. DGM (Metering/Protection) 7. DGM (Planning)
SLDC	1. General Manager (SLDC) 2.DGM (SO)
TPDDL	HOD (PSC &AM), Sr. Manager (PSC)
BRPL	VP, AVP (SO)
BYPL	VP, AVP (SO)
NDMC	Superintending Engineer, E-1
IPGCL	AGM (T) Opr. GTPS
PPCL	1. AGM (T) Opr.PPS-I 2. AGM (T) Opr. PPS-III
MES	AEE/M.SLDC Officer
BBMB	Sr. Executive Engineer, O&M
DMRC	GM (Traction), Sr.DGM (Traction)

MINUTES OF 5th DELHI OCC MEETING

Date :	22.08.2024
Time:	11:00 AM
Venue:	O/o-GM(O&M)-I, Delhi Transco Ltd., 220 kV S/stn Park Street, New Delhi-01

The Chairman of Delhi OCC extended a warm welcome to all members and participants, commending their efforts in maintaining the power supply across the Delhi network. He congratulated and thanked all stakeholders of the power network of Delhi for meeting the high load demand. He acknowledged that the system has handled a lot of stress in the increased load demand period. The Chairman requested the meeting to commence promptly as per the circulated agenda.

1. Confirmation of minutes of 4th OCC meeting (2024-25) held on 23.07.2024.

The 4th Delhi OCC meeting (2024-25) was held on 23.07.2024 physically in the O/o GM(T)O&M-I in accordance with the agenda circulated vide letter dt:18.07.2024. Minutes of the OCC meeting were issued on 24.07.2024 and were uploaded on DTL website (http://dtl.gov.in/Content/369_1_OCC-Meeting2024.aspx)

OCC Deliberation: - Members confirmed the Minutes of 4th OCC meeting.

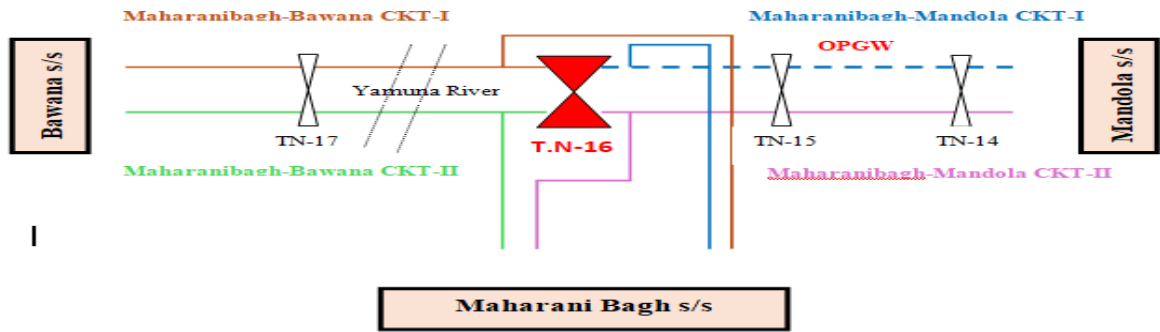
2. DTL Agenda: Proposed planned shutdowns for the month of September-2024.

Proposed planned shutdowns for the month of September-2024 (Annexure-I).

OCC Deliberation: - Proposed planned shutdowns for the month of September-2024 were discussed in the meeting. After detailed discussion with the members, OCC approved shutdowns subjected to real time conditions & consent from respective DISCOMs. SLDC informed OCC that shutdowns will be allowed in morning session from 06AM to 9AM only subjected to real time conditions.

3. PGCIL Agenda: OPGW replacement works on Mandola-Bawana OPGW link/line

OPGW link from Mandola to Bawana is very critical link of Delhi NCR area and this link is currently having high losses and its rectification is required for uninterrupted data reporting and ensuring communication system availability for Grid Operation. OPGW replacement works are to be carried out on D/C towers (TN-16 to 14) of Mandola-Bawana link/line. As said line has been LILOed at Maharani Bagh at TN-16 and therefore TN-16 is LILO tower for 04 nos. of 400kV line which are Maharani Bagh-Mandola CKT-I & II and Maharani Bagh-Bawana CKT-I & II. Line Diagram is as below –



OPGW is on the peak of Maharanibagh-Mandola CKT-I side and accordingly OPGW replacement works are to be carried out from TN-16 to TN-14 of 400kV D/C Maharanibagh-Mandola CKT-I, which falls in the jurisdiction of DTL. As the TN-16 is multi-circuit LILO tower for above mentioned 4 lines and there would be issue of clearance while working at TN-16.

Therefore, to avoid any risk and to ensure safety, while carrying out OPGW replacement works from TN-16 to TN-14 of 400kV D/C Maharanibagh-Mandola CKT-I, shutdown of Maharani Bagh-Mandola CKT-I and Maharani Bagh-Bawana CKT-I is required along with Non-auto of Maharani Bagh-Mandola CKT-II on daily basis for 02 days. Same has also been applied in OCC-222, from 05.09.2024 to 06.09.2024, 0800hrs to 1800hrs on daily basis. Photographs of TN-16 and adjacent towers are enclosed below, for kind reference.



Request under OCC is as below –

Element under Shutdown	Basis	Work to be carried out	Date			
400 KV MANDOLA(PG)- MAHARANIBAGH (PG) (DTL) CKT-1	D	For OPGW replacement works from TN-14 to TN-16	05-09- 24	8:00	06-09- 24	18:00
400 KV BAWANA(DV)- MAHARANIBAGH (PG) (DTL) CKT-1	D	For OPGW replacement works from TN-14 to TN-16	05-09- 24	8:00	06-09- 24	18:00
400 KV MANDOLA(PG)- MAHARANIBAGH (PG) (DTL) CKT-2	D	For OPGW replacement works from TN-14 to TN-16	05-09- 24	8:00	06-09- 24	18:00

OCC Deliberation: - Shutdown was deliberated in detail. OCC directed PGCIL to explain the requirement of non auto of Maharani Bagh-Mandola CKT-II. PGCIL explained that it is required to safeguard the manpower of any case of exigency. OCC directed that safety of man power shall not be compromised in any case. If required Maharani bagh-Mandola ckt II line shall also be under shutdown for the subject work. Further SLDC showed its inability to allow the shutdown of all 3 circuits at a time as load demand is high. After detailed discussion, OCC deferred the proposed shutdown schedule.

4. PGCIL Agenda: Shutdown request for Isolator retrofitting at Mandola Substation

Element under shutdown	Basis	Purpose	Date	
220 kV Bus-4	Daily	For replacement of tandem isolator 216-89B,212-89B,215-89B	01.09.2024, 6:00 Hrs.	01.09.2024, 9:00 hrs
220 kV Bus-4	Daily	For replacement of tandem isolator 212-89B,215-89B	02.09.2024, 6:00 Hrs.	02.09.2024, 9:00 hrs
220 kV Bus-2	Daily	For electrical operation and alignment of tandem isolator 209-89B,207-89B	03.09.2024, 6:00 Hrs.	03.09.2024, 9:00 hrs
500 MVA ICT-3	Daily	For electrical operation and alignment of tandem isolator 212- 89C	04.09.2024, 6:00 Hrs.	04.09.2024, 9:00 hrs
500 MVA ICT-2	Daily	For electrical operation and alignment of tandem isolator 209- 89C	05.09.2024, 6:00 Hrs.	05.09.2024, 9:00 hrs
500 MVA ICT-4	Daily	For electrical operation and alignment of tandem isolator 207- 89C	06.09.2024, 6:00 Hrs.	06.09.2024, 9:00 hrs
500 MVA ICT-1	Daily	For electrical operation and alignment of tandem isolator 215- 89C	07.09.2024, 6:00 Hrs.	07.09.2024, 9:00 hrs

220 kV Bus-3	Daily	For Bus AMP	09.09.2024, 6:00 Hrs.	09.09.2024, 18:00 hrs
220 kV Bus-1	Daily	For Bus AMP	10.09.2024, 6:00 Hrs.	10.09.2024, 18:00 hrs

OCC Deliberation: - After detailed discussion, OCC approved the shutdown as above subjected to real time load conditions.

5. DTL Agenda: Frequent interruptions at 220kV DIAL caused due to trippings on 220kV Mehrauli-Tughlaqabad circuits

This is regarding the several incidents of power interruptions at 220kV DIAL caused due to frequent trippings on 220kV Mehrauli-Tughlaqabad ckts in past few weeks.

The present bus configuration (enclosed) at 220kV DIAL is such that the station is running on the two incoming 220kV Ckts from Mehrauli which connected on separate 220kV Buses. 220kV and 66kV Bus couplers remain closed while the 220kV DIAL-Bamnauli ckt remains charged from Bamnauli end and open at DIAL as standby source in case supply fails from Mehrauli. The Overhead portion of 220kV DIAL-Bamnauli ckt 2 is charged from Bamnauli and is isolated from the cable end terminals at LILO pt. Rajokari, as the U/G cable portion is under breakdown.

Recently, it is observed that in the past few weeks, trippings have occurred on 220kV Tughlaqabad-Mehrauli ckts four times. This leaves availability of supply at 220kV DIAL compromised and even caused interruption in case both Tughlaqabad-Mehrauli ckts trip.

Today, 14.08.2024 Tughlaqabad-Mehrauli ckt 1 tripped at 11:47hrs, and soon after that at 12:01 hrs, Tughlaqabad-Mehrauli ckt 2 tripped which caused blackout at 220kV DIAL for a few seconds forcing GMR-DIAL to take load on DG sets. However, within seconds, alert staff at 220kV DIAL normalised the load on 220kV Bamnauli ckt-1.

While, 220kV DIAL Bamnauli ckt 1, although having significant overhead line portion, has been quite reliable as compared to Tughlaqabad-Mehrauli ckts in the past as the last tripping occurred on it dt. 17/05/2024 and prior to that on 2/10/22. Similarly, the live O/H portion of 220kV Bamnauli DIAL ckt 2 also has good reliability.

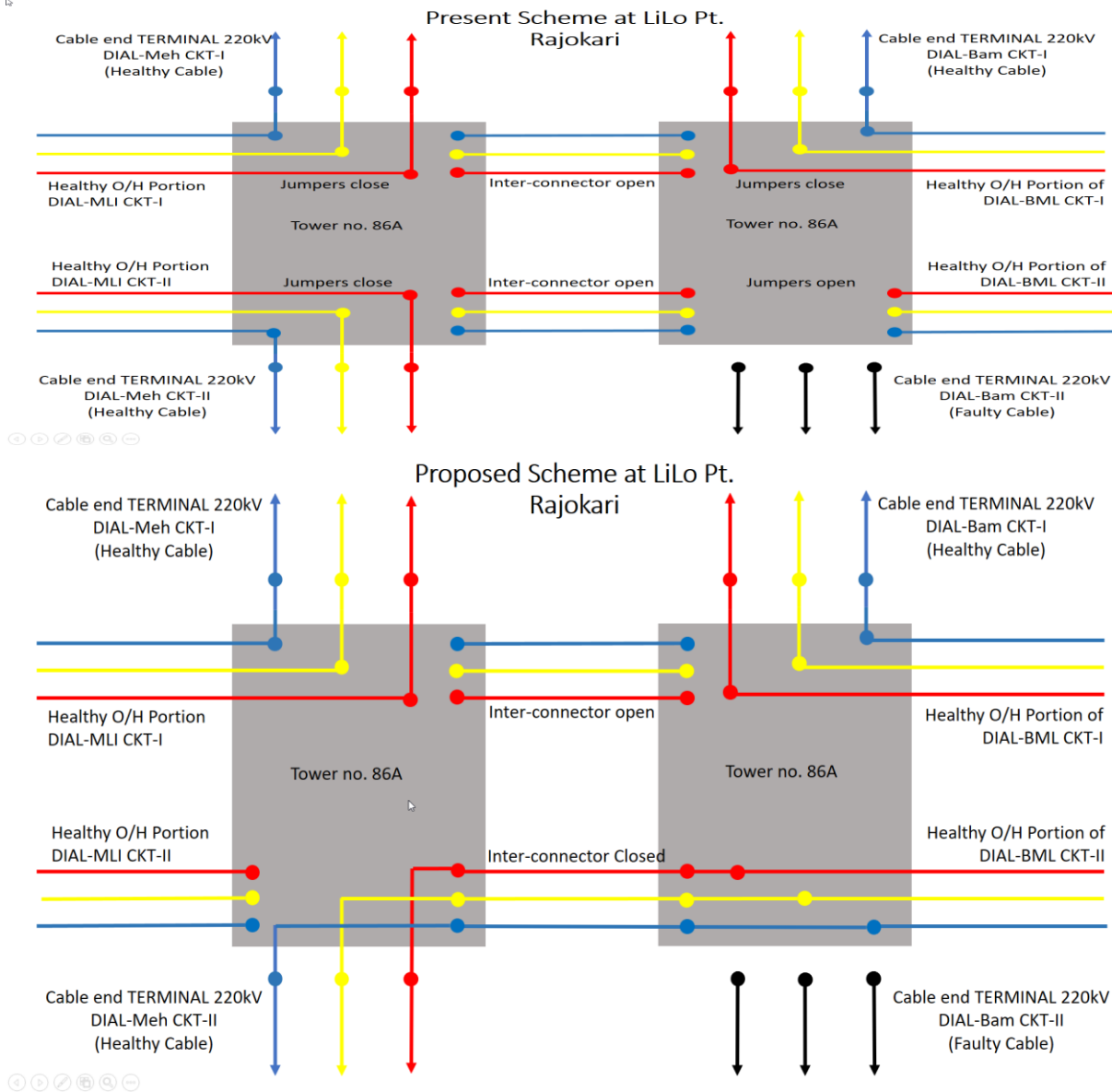
Therefore, in the interest of achieving greater reliability for power supply of IGI Airport, it is proposed that either one of the two schemes mentioned below be approved by OCC with necessary instructions to concerned deptts:

1. It is proposed to keep 220kV Mehrauli-DIAL ckt I&II on 220kV Bus I to feed DMRC and Terminal 1 feeders through 160 MVA Tx-1 and 220kV DIAL-Bamnauli ckt I on 220kV Bus 2 feeding Airport (IGIA Terminal-2&3) and Aerocity Feeders through 160 MVA Tx-2, separately, while both Bus-couplers remain OPEN. If agreed, the necessary change-over operations shall be executed without interruption. Diagrams are enclosed for reference.
2. It is proposed that at LILO pt. Rajokari, the O/H portion of 220kV Bamnauli-DIAL ckt – 2 be connected to U/G cables of 220kV DIAL Mehraulickt – 2 while the O/H portion of

220kV DIAL-Mehraulickt -2 shall remain isolated at LILO pt. Rajokari and charged from Mehrauli end as per diagram enclosed. This way, we will have two incoming ckt. available from Bamnauli to DIAL on which Station Load shall be running smoothly, while 220kV Mehrauli-DIAL ckt 1 will remain charged from Bamnauli and open at 220kV DIAL as standby.

Therefore, it is requested that the above proposals may be taken up in the next OCC for deliberation and approval for necessary action please.

OCC Deliberation: - Both proposals were discussed in the OCC in detail. OCC accepted the proposed 2nd configuration to ensure reliability of the system. Which was also accepted by GMR/DIAL. Diagram showing the present and proposed configuration is shown below:



Shutdown to implement the configuration is approved for 29-08-2024, 06 hrs to 09hrs.

6. Long/recent Outage/breakdown of elements in Delhi power system.

Members may update the latest status of following Long/Recent Outage/Breakdowns of elements in the Delhi Power system as under (Breakdown report as on 13-08-24):

S. No.	Element Name	Utility	Date of Outage	Date of Restoration	Status of Outage
1.	33 kV Okhla to Tughlakabad Ckt-1	BRPL	27-7-24	15-08-24	R Phase single Cable Faulty
2.	33 kV Lodhi Road to Defence Colony Ckt-2	BRPL	06-08-24	14-08-24	R Phase single Cable Faulty
3.	33 kV Okhla to Tughalkabad Ckt-2	BRPL	07-08-24	17-08-24	B Phase single Cable Faulty
4.	33 kV Okhla to Balaji Ckt-2	BRPL	07-08-24	14-08-24	B Phase single Cable Faulty
5.	66 kV Vasant Kunj to Palam	BRPL	12-08-24	Ready for energisation	Y Phase single Cable Faulty
6.	66 kV Mundaka to Nangloi	BRPL	12-07-24	Pending	Y Phase cable faulty
7.	33 kV Peeragarhi to Mukharjee Park Ckt-2	BRPL	07-08-24	17-08-24	Y Phase single Cable Faulty
8.	66 kV PPK-2 to Matiyala Ckt-1	BRPL	09-08-24	Pending	Y Phase Cable Faulty
9.	33 kV PPG Grid to Guru Angad Nagar Ckt-01	BYPL	29-07-24	22-08-24	R-Y Phase Both Cable Faulty
10.	33 kV Kashmeri Gate to Jama Masjid	BYPL	31-07-24	23-08-24	Y & B Phase Cable Faulty
11.	66 kV Harsh Vihar to Ghonda Ckt-2	BYPL	04-08-24	14-08-24	R Phase Cable Faulty
12.	66 kV Harsh Vihar to Ghonda Ckt-1	BYPL	12-08-24	14-08-24	B Phase Cable Faulty
13.	66 kV Wazirabad Grid to Sonia Vihar Ckt-1	BYPL	13-08-24	23-08-24	R Phase Cable Faulty
14.	66kV Park Street-DMRC CKT-I & II	DMRC	19-10-21	31-12-24	Shutdown for grid shifting work at DMRC end
15.	220/33 kV 100 MVA Tx-II at 220 kV Patparganj	DTL	12-07-24	Failed	tripped on HV REF, DIFF,SPR,BUCCHLO Z PRV
16.	315 MVA ICT-I at 400 kV Mundaka	DTL	05-07-24	30-09-24	S/D due to increases of gases
17.	220 kV Maharani Bagh – Masjid Moth Ckt-II	DTL	29-01-23	30-09-24	Cable caught fire.
18.	220 kV Maharani Bagh – Masjid Moth Ckt-I	DTL	18-05-24	30-09-24	
19.	220 kV Bamnauli- DIAL Ckt-II	DTL	31-01-23	30-09-24	R phase cable punctured by NHAJ during digging work
20.	400/220kV 315MVA ICT-I at Harsh Vihar	DTL	06-06-24	15-09-24	REF, SPR
21.	100 MVA Tx-II at 220 kV IP	DTL	05-07-24	Failed	Tripped on Bucholz Relay
22.	160 MVA Tx-II (220/66 kV) at Ridge Valley	DTL	15-07-24	30-09-24	Tripped on 86, differential Relay

Additional Agenda**7. DTL Agenda:**

220kV Lodhi Road Substation like to table important agenda for upcoming OCC meeting:

- i. Shutdown on half 33kV bus 1 & 2 for changing of faulty 33kV bushing on 33kV CBI Building GIS panel.

OCC Deliberation: - The proposed shutdown was discussed in detail. BRPL showed its inability to transfer the load due to high load demand and non availability of 01no transformer at 220 kV Ridge valley stn and 220 kV IP substation each. Therefore OCC deferred shutdown and directed O&M (DTL) to plan the shutdown in October month and propose the shutdown in OCC meeting of September, 2024.

8. DTL Agenda: Requirement of complete shutdown of Bus-I&II along with both incomer at 220kV Trauma Centre

This is in reference to subject matter today at 14:34 Hrs M/s Schneider Electric provided the details of required shutdown for replacement work of damaged Bay-19, after regular follow up. The M/s Schneider Electric asked for complete shutdown of 33kV Bus-I&II along with incomer-I&II from 09.09.2024-14.09.2024, as per their availability, for the replacement work of damaged Bay-19 with new supplied panel.

Sl. No.	Name of Sub-Station	Date of Shut-down (DD.MM.YY)	Time & duration of shut-down	Name of the Element	Work to be carried	Remarks (if any)
1	Trauma Centre	09.09.24 to 14.09.24.	9:30 AM (09.09.24) to 5:30 PM (14.09.24)	Complete Bus-I & II along with incomer-I&II	For replacement of damaged panel (Bay-19) with new supplied panel by OEM.	During shutdown load shall be managed by Discoms(NDMC & BRPL). Also direct NDMC to make panel no. 20,21 &22 (AIIMS-I,II & III) free by removing cables one day before by fixing proper dummy plugs so that shifting of panels can be done for replacement of Bay-19.

OCC Deliberation: - The proposed shutdown was discussed in detail. BRPL showed its inability to transfer the load due to high load demand and non availability of 01no transformer at 220 kV Ridge valley stn and 220 kV IP substation each. Therefore OCC deferred shutdown and directed O&M (DTL) to plan the shutdown in October month and propose the shutdown in OCC meeting of September, 2024.

9. DTL/Project Agenda: Request for arranging shut down for 220 KV Kashmere Gate-South of Wazirabad Circuit –II Transmission Line.

References: -

- (i) Design, Engineering ,Supply, Erection, Testing & Commissioning of 220 KV D/C 1X1200 sq.mm U/G XLPE Cable from 220 KV Kashmiri Gate Substation to 220 KV GIS substation at Timarpur., covering a distance of 5 Kilometers
- (ii) L.DTL/204/Oprns./ C&MM/DGM (T) Contract/2019-20/F-16/283 & 284 date: 17/09/2019
- (iii) Contractor : M/s LS cable India Pvt Ltd

The Present status of the work is as under:

1. Cable laying work completed in all 09 sections.
2. Cable Jointing (48 no.) has been completed in all 08 JB's.
3. Outdoor Cable end terminations (6 No.) work completed at Timarpur end.

The next phase of the project involves indoor cable end termination work at the 220KV GIS bays located at the Kashmere gate s/stn

The cable end termination site was cleared by M/s Siemens on 16.07.2024, and M/s LS cable have started the excavation works associated with preparation of cable end termination work at Kashmere gate s/stn end from 18.07.2024 onwards. Also, previously approved shutdown of Kashmere Gate –SOW Ckt-II line on dt. 10.08.2024 was availed for installation of scaffolding and cover for preparation of cable ends for termination in GIS bays. M/s LS cable had completed all the arrangements and cable end have been readied for termination in the GIS bays by 16.08.2024. However, Cable end Terminations in GIS bays could not be completed as availability of M/s Siemens engineer is awaited , as informed by Project-I dept..

Earlier, M/s LS cable vide their emails dtd. 16/05/2024 had requested to arrange shut down (06 days) of 220KV Kashmere gate - South of Wazirabad Circuit-II T/L This shut down is necessary to protect personal and equipment during installation of 6 GIS cable end terminations at Kashmere gate end.

Shut down details

The shut down requested is for total of 6 days

Operational Requirement

- (i) The shutdown will be required during working period and will be returned after work daily.
- (ii) In case of any emergency, if required, the shutdown will be returned after removal of men and materials.

Next step

M/s LS cable had completed all the arrangements and cable end have been readied for termination in the GIS bays by 16.08.2024. However, Cable end Terminations in GIS bays could not be completed as availability of M/s Siemens engineer is awaited. The GIS end termination work may be completed on the availability of Services of Siemens Engineers, during shutdown period for 220kv Bus Bar link connections at Kashmiri gate substation by Project-I deptt. Accordingly, Shut will be required for the 220 kV Kashmere Gate – SOW Ckt-II for 04-06 days.

OCC Deliberation: - After detailed discussion, OCC approved the shutdown from 17-09-2024 to 20-09-2024 subjected to real time load conditions.

10. DTL/Project Agenda:

Approval of Shutdown of 220 KV Bus Bar-I & II, 100 MVA TX-1, 220 KV DMRC CKT-I at 220kV GIS Kashmere Gate for the work of Design, supply & ETC of 05 Nos. 220kV GIS Bays extension along with civil works at existing 220/33kV GIS S/Stn Kashmere Gate

The Schedule of Shutdown are as under:-

S.No	Activities	Elements for shutdown	Tentative Duration of Shutdown
1	220 KV Bus Bar-I Link Connection	220 KV Bus Bar-I along with 100 MVA TX-1	29/08/2024-30/08/2024 (02 Days)

2	220 KV Bus Bar-II Link Connection	220 KV Bus Bar-II along with 100 MVA TX-1	31/08/2024-02/09/2024 (03 Days)
3	220 KV Bus Bar-I Link Connection	220 KV Bus Bar-I along with 220 KV DMRC CKT-I	03/09/2024-05/09/2024 (03 Days)
4	220 KV Bus Bar-II Link Connection	220 KV Bus Bar-II along with 220 KV DMRC CKT-I	06/09/2024-08/09/2024 (03 Days)

M/s. Siemens vide email dated 19/07/2024 has submitted the Shutdown requirement schedule for 220 kV GIS Interconnection work w.e.f 16/08/2024 at 220 KV S/Stn. Kashmere Gate.

OCC Deliberation: - Project dept(DTL) submitted revised schedule for consideration as below.

S.No	Activities	Elements for shutdown	Tentative Duration of Shutdown
1	220 KV Bus Bar-I Link Connection	220 KV Bus Bar-I along with 100 MVA TX-1	17/09/2024-18/09/2024 (02 Days)
2	220 KV Bus Bar-II Link Connection	220 KV Bus Bar-II along with 100 MVA TX-1	19/09/2024-20/09/2024 (03 Days)
3	220 KV Bus Bar-I Link Connection	220 KV Bus Bar-I along with 220 KV DMRC CKT-I	21/09/2024-23/09/2024 (03 Days)
4	220 KV Bus Bar-II Link Connection	220 KV Bus Bar-II along with 220 KV DMRC CKT-I	24/09/2024-26/09/2024 (03 Days)

After detailed discussion, OCC approved the revised shutdown as above subjected to real time load conditions. OCC also directed Project Department (DTL) to complete the work in minimum time possible.

On Table Agenda:

11. DMRC Agenda:

Vide this office letter dated 22.07.2024, a shutdown of 220kV D/C Gopalpur to SOW transmission line of DTL was requested from 27.07.2024 to 07.08.2024 for shifting / raising height of the transmission line near Sonia Vihar. The shutdown had been accepted in the 4th meeting of Delhi Operation & Coordination Committee held on 23.07.2024. During site visit of DTL representatives, Manager/O&M, Assistant Manager/O&M, jointly with Sr. GM/E/UD, JGM/E/UD, other DMRC officials, contractor's representatives and crane operators on 25.07.2024, it was found that the location of monopole erection, the location for placing cranes and approach road was submersed due to rain water lagging and trimming of balance 2 trees. The crane operators have requested that crane could not be placed at the location due to the rainy water. Consequently, the approved shutdown could not avail.

Efforts are being made to upkeep the site and we are planning to take the shutdown from 05.09.2024 to 15.09.2024.

Therefore, it is requested to kindly approve shutdown of the 220kV South of Wazirabad (SOW) to Gopalpur D/C transmission line (Both Circuits – I & II) of DTL from 05.09.2024 to 15.09.2024 (Continuous).

OCC Deliberation: - After detailed discussion, OCC approved the shutdown of the 220kV South of Wazirabad (SOW) to Gopalpur D/C transmission line (Both Circuits – I & II) of DTL from 05.09.2024 to 15.09.2024 (Continuous) subjected to real time load conditions. Further O&M(DTL) informed OCC that a letter was sent to DMRC for some concerns and no response is received yet. OCC directed DMRC to respond and resolve all the concerns raised by O&M(DTL) before the shutdown.

12. DTL/O&M Agenda: Clarification for charging of DISCOM feeders at 220kV Electric Lane Substation.

With reference to the subject above it is submitted that 220KV GIS S/Stn at Electric Lane is located in the VVIP area of New Delhi and 11 nos. 33KV NDMC Feeders are emanating from this substation.

The details of the 33kV feeders emanating from the substation are as follows:

1. 33kV Connaught place
2. 33kV School lane
3. 33kV Electric lane
4. 33kV Scindia House
5. 33kV Hanuman Road
6. 33kV B D Marg
7. 33kV Mandi House
8. 33kV Raja Bazaar
9. 33kV Raisina Road-1
10. 33kV Raisina Road-2
11. 33kV DPHQ
12. 33kV CCS-1 (allocated, yet to be charged)
13. 33kV CCS-3 (allocated, yet to be charged)

Sometimes, 33kV feeders got tripped from the DTL end on on the th protection relays (Distance/Overcurrent/Earth-fault/Master trip relay, etc). As per the general practice, upon receiving the clearance from the M/s NDMC (including the back charging of cable to ensure healthiness of cable), the cable is charged as per system (SLDC) instruction.

However on many occasions, M/s NDMC refuse to carryout the back charging of cable from M/s NDMC end and insists on the charging of 33kV feeder without back-charging of the cable showing one or other reason.

It is also mentioned that the high potential test on the DISCOM cables are mostly carried out by NDMC from the M/s NDMC end.

In view of above, it is requested to kindly provide necessary guidelines/ directions in this regard so that a standard procedure can be followed and any delay in energization of circuit can be avoided.

In continuation of pre-page noting, at 220kV GIS S/stn. Trauma Centre, AIIMS there are 15 nos. of NDMC & 2 nos, of BRPL 33kV feeders, in case of tripping from load end i.e NDMC/BRPL on relays Distance/Overcurrent/Earth-Fault etc. in general practice the feeder gets charged, after receiving upon the clearance and back charging of cable to ensure the healthiness of cable, and gets charged as per instruction of system, SLDC.

Sometimes, the consumer end i.e NDMC/BRPL insists on charging their cable without back charging. The practice of back charging is being followed for safety of DTL system, as the Hi-pot of cables done by BSES/NDMC on their line by their own and same can not be assured by DTL officials. Moreover, in past an incident has been occurred at 220kV Trauma Centre wherein during the charging of NDMC feeder without back charge the said feeder got damaged and NDMC clearly denied the claim of DTL.

In view of above, it is requested to kindly provide the necessary directions/guidelines in this regard so that a standard procedure may be followed and any delay in energisation of circuit can be avoided.

OCC Deliberation: - matter was discussed in detail and after taking consideration of opinion of all OCC members, OCC directed that DISCOMs shall back charged the circuit on occurrence of tripping. Further if DISCOMs are unable to back charge due to non availability of source, Insulation testing of cable shall be done by DISCOMs and same shall be recorded along with the reason of tripping/ location of fault/ work done to take proper decision to energise the feeder/ckt to DTL.

13. PGCIL Agenda: Shutdown request 400 kV lines:

Element under shutdown	Basis	Purpose	Date	
400 kV Abdullapur Bawana line	Daily	For replacement of the damaged dropper jumper at Bawana end	09.09.2024, 6:00 Hrs.	09.09.2024, 18:00 hrs
400 kV Abdullapur Bawan line	Daily	For replacement of the damaged dropper jumper at Bawana end	10.09.2024, 6:00 Hrs.	10.09.2024, 18:00 hrs
400 kV Bawana Deeplapur Line	Daily	For replacement of the damaged dropper jumper at Bawana end	11.09.2024, 6:00 Hrs.	11.09.2024, 18:00 hrs
400 kV Bawana Deeplapur Line	Daily	For replacement of the damaged dropper jumper at Bawana end	12.09.2024, 6:00 Hrs.	12.09.2024, 18:00 hrs

OCC Deliberation: - After detailed discussion, OCC approved the shutdown as above subjected to real time load conditions.

14. PGCIL Agenda: Shutdown request 400 kV lines:

S- No-	Name of Sub-Station	Date of Shut-down	Time duration of shut-down	Name of the Element	Work to be carried	Remarks
1	Jhatikra substation	10-09-24	04:00 to 14:00	400KV Jhatikra-Bamnouli line	Retrofitment of 408-89B isolator of Tie bay of 400KV Jhatikra Bamnouli ckt and 1500MVA ICT-1	NRLDC & DTL requested to manage the load of other feeders/ICT at Jhatikra substation within operating limits
2	Jhatikra substation	24-09-24	04:00 to 14:00	1500MVA ICT-1	Retrofitment of 408-89A isolator of Tie bay of 400KV Jhatikra Bamnouli ckt and 1500MVA ICT-1	NRLDC & DTL requested to manage the load of other feeders/ICT at Jhatikra substation within operating limits

OCC Deliberation: - After detailed discussion, OCC approved the shutdown on 07-09-2024 & 08-09-2024 respectively subjected to real time load conditions.

15. DTL Agenda : regarding complete shutdown in the month of November 2024 for repairing work 33 KV GIS incomer No-02 at 220 KV Subzimandi from 12 nov 2024 to 22 Nov- 2024

Complete shutdown of 220kV Subzimandi substation is required for the repairing work of 33KV GIS Incomer 02, Schneider make at 220 KV Subzimandi,

It is requested to consider agenda regarding complete shutdown in the month of movement from 12 nov to 22 Nov- 2024 for repairing work 33 KV GIS income No-02, Schneider make at 220 KV Subzimandi.

OCC Deliberation: Matter was discussed in detail. TPDDL said they will analyse the shutdown and check the back feeding of feeders emanating from 220 kV Subzi Mandi stn with their planning team and will inform to OCC. O&M requested TPDDL to reply at the earliest so that same may be communicated to OEM Schneider well in advance.

Meeting ended with thanks to chair
