



No. F.DTL/2018-19/Mgr.(OS)-II/54

Date: 08.01.2019

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	Vice President (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.)

Sub :- MOM of 9th (2018-19) Delhi OCC Meeting held on 27.12.2018 at DTL, 220kV Sub-Stn Park Street Building.

Dear sir/madam,

Enclosed please find herewith the Minutes of Meeting of 9th (2018-19) Delhi OCC meeting held on **27.12.2018** 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.(T) OS-II

Copy for favour of kind information to:

- (i) Secretary, DERC, Viniyamak Bhawan, C-Block, Shivalik, New Delhi-17.
- (ii) Chairperson & Managing Director, DTL.
- (iii) Director (Operations), DTL

Mgr.(T) OS-II

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

MOM OF 9th (2018-19) DELHI OCC MEETING HELD ON 27.12.2018

Chairman, OCC welcomed all the members and representatives present in the meeting. List of the officers attended the meeting is enclosed as annexure.

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

1. Confirmation of minutes of 8th (2018-19) Delhi OCC meeting held on dated 23.10.2018.

The 8th (2018-19) Delhi OCC meeting was held on 05.12.2018 in accordance with the agenda circulated vide letter dt: 29.11.2018. Minutes of the aforesaid OCC meeting were issued vide letter dt.17.12.2018. The same was also uploaded on DTL website.

No comments were received from the participated members on the contents of MOM.

As such the minutes of 8th (2018-19) Delhi OCC meeting held on dated 05.12.2018 were confirmed.

2. DTL AGENDA POINTS:

2.1 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.

BRPL informed that 4 nos. 33kV feeder and 1 no. 66kV feeder (V. Kunj B-Block) evacuating from R.K. Puram S/Stn will be charged by summer 2019.

It was further informed by BRPL that regarding power evacuation from Tughlaqabad through 66kV Batra, M. Nagar feeder upto the tune of 100 MW can be expected by summer 2019 which will give load relief to Mehrauli and Okhla.

Power evacuation via G-II from PPK-III may also be expected by summer 2019.

OCC had already advised planning deptt. DTL to take up this matter with Discoms in steering committee meeting to optimize the load at subjected under-loaded sub-stations in line with above. Discoms to put all out efforts for minimum 50% loading by march-2019 against capacity of these sub-stations, so that the load relief can be provided on other over loaded Transformers & sub-stations.

In this regard O&M, DTL requested BRPL to draw max. load on 66kV Batra & 66kV Malviya Nagar feeders emanating from Tughlaqabad s/s to ease the load condition at 220kV Okhla & Mehrauli s/stns.

OCC requested that in case of exigency BRPL must be ready to shift entire 66kV load from 220kV Okhla s/s to other 220kV s/s . DISCOM must expedite to lay power cable of

66kV Okhla & Mohan co-operative Industrial Area at 220kV Tughlaqabad s/s to avoid such kind of exigency at 220kV Okhla s/s.

As per current work status, respective DISCOMS informed that:-

(a) 66kV Okhla & Mohan co-operative Industrial Area at 220kV Tughlaqabad s/s is expected to be operational after Apr-2019.

(b) The work of 66kV Vasant Kunj B-Block ckt at 220kV RK Puram s/s is yet to be awarded & is expected to be functional by March-2019.

(c) The work of 66kV G-2 ckt at 220kV PPK-III s/s is to be awarded soon & is expected to be operational by March-2019.

(d) 02 nos. 33kV Dwarkapuri feeders at Preet Vihar will become operational from March-2019. It will provide load relief to 220kV South of Wazirabad s/stn.

OCC once again requested all DISCOMS to expedite for early completion of all pending projects to provide load relief at over loaded s/stns such as 220kV Okhla, Mehrauli, PPK-I, Najafgarh, Kanjhawala, Patparganj, Rohini-I, Shalimarbagh, South of Wazirabad, & Park Street etc.

OCC requested all DISCOMS/ OCC members to inform their project execution wing to attend the next OCC meeting and brief the details of their ongoing projects which includes (i) Name of Feeder, (ii) Route Length (in Kms.), (iii) As on date status of erection/ termination (in Kms.), (iv) Schedule date of completion.

OCC once again informed that the issue for load relief to 220kV overloaded s/stns & Transformers has been discussed no. of times in OCC meeting. DISCOMS were again requested to complete their pending projects well in time before summer season in order to avoid load shedding.

BRPL was informed that they should remain prepared to shift the entire 66 kV load from Okhla in case of emergency as there is single 220/66 kV level 100 MVA transformer at Okhla at present. Therefore, the 66kV Okhla & Mohan co-operative Industrial Area feeders be energized from Tughlakabad Sub-stn positively by April 2019.

(Action by all DISCOMS)

2.2 Proposed planned shutdowns of O&M, DTL for the month of Jan 2018.

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

After deliberation, shutdowns were approved subject to real time loading conditions. Approved shutdowns list is enclosed as annexure.

3. SLDC Agenda

3.1 System study for capacitor requirement in NR for year 2019-20.

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. The format for data is attached as Annexure-I. As such, all utilities are requested to provide data in required format.

OCC advised to all DISCOMs to provide requested data well in time so that this capacitor requirement study can be finalized for this region.

As informed by SLDC, TPDDL & BYPL have already submitted the preliminary details. OCC requested BRPL, NDMC, DMRC & MES to also provide the respective details.

(Action by BRPL, NDMC, DMRC & MES)

3.2 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 149NRPC 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 –II.

SLDC informed that TPDDL, BRPL, BYPL, DMRC and Gencos have already submitted the required details. It was further requested to NDMC, & MES to provide the requisite details.

OCC pointed out on serious note that the OCC members of NDMC & MES didn't attend this meeting and this has further delayed the submission of requested details to NRPC.

(Action by NDMC, & MES)

3.3 High Voltage Operation of the Grid during Winter nights.

This issue is regular agenda of Delhi OCC and being continuously discussed in OCC meeting from Oct-17 onwards. OCC has advised DTL to take various steps to sort out the problem of high voltage conditions and injection of reactive power particularly during high voltage conditions in winter months. Following steps were deliberated in the OCC meeting to control the injection of reactive power:

- a. Switching off the capacitors at all the Substations of Delhi, but during winter season proper monitoring of the same is yet to be put in place.
- b. Transformer taps optimization by DTL and DISCOM. DTL has changed Taps positions of most of the transformers at 220kV S/Stns
- c. Monitoring of all 400/220kV ICTs and taking actions wherein VAR flows are observed from 220kV to 400kV side. In this respect reactive energy accounts could also be monitored.
- d. Opening of lightly loaded transmission cables/ transmission lines keeping reliability in focus.
- e. Absorption of reactive power by generating units.

In spite of taking all out efforts mentioned above, there was hardly any change in the status. Delhi has to pay heavy amount to NRPC reactive pool account due to injection of reactive power particularly during high voltage conditions in winter months. Penalty amount increases with the progress of winter despite taking all possible steps to reduce reactive power injection during high voltage period. The details of NRPC reactive account bill from 16 Oct-17 onwards are as under:

S. N	Weeks	Payable by Delhi (in Lakhs)	Receivable by Delhi (in
1	16.10.17 to 22.10.17	0	0.76038
2	23.10.17to 29.10.17	2.21401	--
3	30.10.10 to 05.11.17	7.36426	--
4	06.11.17 to 12.11.17	19.35212	--
5	13.11.17 to 19.11.17	21.28275	--
6	20.11.17 to 26.11.17	29.15394	--
7	27.11.17 to 03.12.17	29.81707	--
8	04.12.17 to 10.12.17	22.52029	--
9	11.12.17 to 17.12.17	23.21933	--
10	18.12.17 to 24.12.17	35.94213	--
11	25.12.17 to 31.12.17	43.03881	--
12	01.01.18 to 07.01.18	36.49079	--
13	08.01.18 to 14.01.18	42.91450	--
14	15.01.18 to 21.01.18	41.34701	--
15	22.01.18 to 28.01.18	38.91308	--
16	29.01.18 to 04.02.18	31.09848	--
17	05.02.18 to 11.02.18	32.31199	--
18	12.02.18 to 18.02.18	47.73575	--
19	19.02.18 to 25.02.18	57.79202	--
20	26.02.18 to 04.03.18	50.24540	--
21	05.03.18 to 11.03.18	28.25996	--
23	19.03.18 to 25.03.18	27.74425	--
24	26.03.01 to 01.04.18	23.38106	--
Total		718.48628	

DTL has been advised for early commissioning of Reactors at various locations based on the feasibility study conducted by DTL, the 40th Standing Committee Meeting of CEA held on 13.07.2018 as per following. DTL/PGCIL were advised to install reactors at the following locations:-

S. No.	Name of the Grid	Voltage level	Reactors proposed in MVAR	Remarks
1	Mundka	400kV	125	To be installed by DTL.
2	Bamnauli	220kV	2X25	
3	Indraprastha	220kV	2X25	
4	Harsh Vihar	220kV	2X50	
5	Electric Lane	220kV	1X50	
6	Mundka	220kV	25	
7	Peera Garhi	220kV	1X50	
8	Maharani Bagh (PG)	400kV	125	To be installed by Power Grid.
9	Mandola(PG)	400kV	125	
Total		700		

Planning Department may be requested to explore the possibility for early commissioning of reactors as decided in the 40th Standing Committee Meeting of CEA held on 13.07.2018.

OCC requested all members to put all out efforts to maintain the healthy voltage during low load condition in winter season. DTL/Discoms were advised to control the reactive power injection at their end and also take up the issue with NRLDC to control the over-voltage.

In the previous OCC meeting, it was requested from DMRC to provide the study details and status of reactors to be installed at DMRC end.

DMRC informed that they have sought some information from TPDDL. After getting the desired information from TPDDL, DMRC will start the tendering process. OCC advised TPDDL to expedite for giving the requisite information to DMRC.

SLDC representative informed that they have received a letter dt.-10.12.2018 (copy enclosed as annex) from NRPC, in which they have asked for submission of monthly status of installation of reactors by 5th day of every month.

OCC requested DTL Planning deptt. to expedite for early commissioning of reactors at the above proposed location to maintain healthy voltage profile in Delhi region during winter season.

OCC further requested DTL Planning deptt. for submission of monthly status of installation of reactors to NRPC by 5th day of every month with a copy to SLDC.

(Action by DMRC, DTL Planning deptt., & DISCOMs)

3.4 Status of Implementation of Recommendations of Enquiry Committee on Grid disturbances occurred 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 on 30 and 31.07.2012 is not updated by DTL and Delhi Genco's to NRPC.

SLDC Delhi has raised this agenda in previous Delhi OCC Meeting also. Further DGM (SO) has also written letter to all the utilities to provide the details to NRPC with a copy to SLDC.

As informed by SLDC, IPGCL, PPCL-Bawana & Planning deptt., DTL are yet to submit the desired details.

(Action by Planning deptt., DTL, IPGCL & PPCL-Bawana)

4. TPDDL Agenda

4.1 Deployment of new communication system at DTL Grid Sub-stns. by TPDDL.

As per the approval of the OCC meeting held on 28.03.2017 at SLDC Building Minto Road (section 10.4), TPDDL have installed their backbone network (WAN) communication equipment at DTL Grid Substn's. This equipment enabled TPDDL to set up Line differential protection of TPDDL from the respective Sub-station. At the same time these equipment's act as Data hub for merging data of other applications like remote metering.

To enable remote metering, it is required to connect Data Collector to IP/MPLS equipment. Accordingly, TPDDL requested DTL to provide necessary permission to install the new equipment (Collector) at rooftop.

During deliberation of this issue, DTL informed that as per green energy scheme all the rooftops of DTL sub-stations are to be occupied by installation of solar panels. The concern of space to install new communication on rooftop could be finalized only after installation of solar panels on all rooftops.

5. 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	Updated Status of outage
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.-27.12.2018, 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. Cable is located at middle of Nelson Mandela Road. It can not be revived. Its dedicated bay at Ridge Valley has been allocated to DMRC. Thus this cable may consider as abandoned.
3.	33kV ALAKHNANDA - OKHLA CKT.-I	BRPL	19.04.2018	BREAKER PROBLEM. Expected by 30.03.2019.
4.	33kV RIDGE VALLEY - KHEBAR LANE CKT.-II	BRPL	13.01.2016	'R' PH. SINGLE CABLE FAULTY. It will be revived during shifting of other cables at ring road. Expected by 30.03.2019.
5.	EXHIBITION GROUND-I-33kV INCONNECTOR	BRPL	30.05.2018	CABLE FAULTY. Unable to revive. Grid is under shifting and under construction. This not to revive. May consider as abandoned.
6.	33kV LODHI ROAD - EXHIBITION GROUND-II CKT.	BRPL	10.10.2017	'R' PH. SINGLE CABLE FAULTY. Ckt energized.
7.	33kV OKHLA PH.-II-JAMIA -T-OFF SARAI JULIENA CKT.	BRPL	14.08.2018	T-POINT SIDE JUMPER OPENED. Ckt energized.
8.	33kV AMBIENCE MALL – V.KUNJ 'B' BLOCK T-OFF ANDHERIA BAGH CKT.	BRPL	24.10.2018	UNDER SHUTDOWN. Dismantled. Duplicate supply to Ambience mall is provided from JNU.
9.	20MVA PR.TR.-I AT VASANT KUNJ 'B' BLOCK	BRPL	16.11.2018	UNDER SHUT DOWN. Expected by 20.01.2019.
10.	20MVA PR.TR.-II AT IIT	BRPL	04.12.2018	UNDER SHUT DOWN. Energized on 23.12.2018.
11.	33kV NIZAMUDDIN - SUPREME COURT CKT.	BRPL	11.12.2018	'Y' PH. SINGLE CABLE FAULTY. Expected by 20.01.2019.
12.	33kV BUS COUPLER AT TUGLAKABAD	BRPL	05.12.2018	'R' PH. CLAMP BLAST. BREAKER BY PASSED. Expected by 20.01.2019.
13.	66kV MUNDKA - NANGLOI CKT.	BRPL	08.05.2017	'B' & 'Y' PH. CABLE FAULTY. Expected by 15.02.2019. Cross bonding required. Work is under award.
14.	66kV PPK -I - BODELLA -I T-OFF PANKHA RD. CKT.	BRPL	18.11.2018	'R' PH. CABLE FAULTY. Expected by 14.01.2019.
15.	20MVA PR.TR.-III AT HARI NAGAR	BRPL	03.12.2018	UNDER SHUT DOWN. Expected by 07.01.2019.
16.	20MVA PR.TR.-III AT NANGLOI WATER WORKS	BRPL	19.12.2018	'Y'PH. CT DAMAGED. Energized on 20.12.2018.
17.	220kV WAZIRABAD - 66kV GONDA CKT.-I	BYPL	05.12.2018	'B' PH. CABLE FAULTY. Expected by 20.01.2019.

18.	220kV PATPARGANJ - 33kV CBD SHAHDRA CKT.	BYPL	05.12.2018	'Y' PH. SINGLE CABLE FAULTY. Energized on 10.12.2018.
19.	66kV VIVEK VIHAR - DSIDC JHULMIL CKT.-II	BYPL	15.12.2018	'Y' PH. SINGLE CABLE FAULTY. Energized on 20.12.2018.
20.	66KV MANGOLPURI-I - T-OFF NANGLOI CKT.	TPDDL	09.03.2018	CABLE FAULTY. SLDC will call a meeting for timely charging of this ckt.
21.	33kV SHAHZADA BAGH - T-OFF RAMA ROAD CKT.	TPDDL	14.12.2018	CABLE FAULTY. Expected by 20.01.2019.
22.	220kV NARELA - 33kV AIR KHAMPUR CKT.	TPDDL	02.10.2018	CABLE FAULTY. As informed by TPDDL there is no supply source for this feeder from DTL end.
23.	66kV ROHINI-28 - ROHINI -6 CKT.-II	TPDDL	03.12.2018	CABLE FAULTY. Expected by 20.01.2019.
24.	220/66kV 160MVA PR.TR.-III AT 220kV VASANT KUNJ	DTL	26.04.2018	TRANSFORMER BURNT DUE TO FIRE. TO BE REPLACED. Expected by 30.04.2019.
25.	33kV BUS COUPLER AT KASHMERE GATE	DTL		TRIPPING COIL PROBLEM. Will be finalized in Feb-2019. Expected in 06-months.
26.	30MVA PR.TR. AT 220kV NARELA	DTL	11.08.2018	TRANSFORMER DE-CAPITALIZED.
27.	220kV TUGLAKABAD - MEHRAULI CKT-II	DTL	11.12.2018	SHUT-DOWN FOR 20 DAYS FOR REPLACEMENT OF ZEBRA CONDUCTOR WITH HTLS. Expected by 12.01.2019.
28.	66kV CAPACITOR BANK AT 220kV NARELA	DTL	11.08.2018	66kV CAPACITOR BANK CELLS BLASTED AT 220kV NARELA. TO BE REPLACED. Expected by April-2019.
29.	220/33kV 100MVA PR. TR.-I AT 220kV RPH STN.	DTL	03.09.2018	TRIPPED ON BUCHOLZ AND DIFFERENTIAL RELAY. PR. TR FAILED. Expected by April-2019.
30.	220/66kV 100MVA PR. TR.-I AT 220kV OKHLA STN.	DTL	27.09.2018	'Y' PH. WINDING DAMAGED. PR. TR FAILED. Expected by April-2019.
31.	400KV TUGLAKABAD - BAMNAULI CKT-I	DTL	12.10.2018	SHUT-DOWN FOR ERECTING TOWER NO.173 AT BAMNAULI. Expected by January-2019.
32.	66kV Bus-I at Mehrauli	DTL	03.12.2018	SHUT-DOWN FOR CONVERTING TWIN ZEBRA TO QUAD ZEBRA. Energized on 20.12.18.

Additional Agenda

6.1 BRPL Agenda

1. Requirement of stable supply from 220 KV Mehrauli, Any disturbance will impact the supply of DERC chairman Residence.

Few observations and recommendations from this incident happened on 14-12-2018.

1. Share & Discuss 400/220KV EHV lines planned outages a day advance.
2. Transfer/ balance load in coordination with BRPL control room in advance for smooth changeover of load.
3. Share tripping events and possible restoration time line with BRPL control room.
4. Increase redundancy at 220KV levels by keeping load in balanced conditions.
5. Shift staff may be advice to share proper information at the time of tripping which is missing now a days.

The Major disturbance of supply was happened on 14-12-2018

14.12.2018

Supply fail from both 220KV Vasantkunj and 220KV Mehrauli caused huge load disturbance in BRPL area of Vasant Kunj, Mehrauli and JNU etc

DERC chairman shifted in Sector D-1 Vasant Kunj which is feeding through 11 KV Feeder from Andheria Bagh and 220 KV Mehrauli

Interruptions was due to

A. 220KV Mehrauli to Vasant kunj tripped as 400KV Tuglakabad to 220KV Mehrauli one 220KV feeder was running on full load and other feeder was under shutdown.

B. As per DTL 400KV Bamnauli to 220KV DIAL also got tripped during load normalization. This delayed power restoration.

1. At 9:28 Hrs Supply failed from 220 Vasantkunj to Vasant kunj C 1 & C2 feeders.

The following grids were affected due to this (58 MW load)

- Vasantkung B,
- Vasantkunj C,
- Vasantkunj D,
- JNU,
- Andheria Bagh,
- RKP-1,
- ILBS & Ambience mall

2. At 09:33 Hrs, supply of all above grids normalized on incoming on 220KV Mehrauli after reducing 10 MW (RKP-1 was kept in put off condition as DTL asked to reduce loading)

3. At 09:35 Hrs RKP-1 load shifted to 220KV RKP.

4. At 9:37 Hrs Supply failed from 220 Mehrauli to Vasant kunj C 1 & C2 feeders.

The following grids again were affected due to this (48 MW load)

- Vasantkung B,
- Vasantkunj C,
- Vasantkunj D,
- JNU,
- Andheria Bagh,
- ILBS & Ambience mall

5. At this time, all above grid solely depending on 220KV Vasant kunj or 220KV Mehrauli, both down now.

6. At 09:50 Hrs Ambience Mall load diverted to 220KV RKP

7. At 10:15 Hrs supply from 220KV Vasantkunj restored.

8. By 10:25 Hrs all BRPL grid normalized.

DTL informed that the 220 kV Mehrauli-Tughlakabad Ckt.-II is undergoing planned shutdown for HTLS replacement work. As the 220 kV Bus coupler at DIAL remain ON due to providing uninterrupted power supply to DIAL, the current on 220kV Mehrauli-DIAL/ Tughlakabad-Mehrauli ckt. increases 500 Amp, and it trips on SPS. The SPS was implemented in previous summer for grid security and to avoid the cascaded tripping.

However, the SPS setting has now been revised and such abnormality is not expected to reoccur.

6.2 PWD Agenda

Shutdown request of 220kV D/C Maharani Bagh – Ghazipur T/L for the re-routing of transmission line.

The work of re-routing of 220kV Maharani Bagh – Ghazipur T/L is under progress. However, to complete the work and making the line functional, M/s L&T has requested to provide the shutdown of the line as per following schedule :-

Name of Line	From Date	To Date	Execution plan
220kV D/C Maharani Bagh – Ghazipur T/L	28.12.2018	04.01.2019	Erection of towers at Loc. No. 1A
	10.01.2019	15.01.2019	Stringing of sections 1A to existing Loc. No. 1
	10.01.2019	15.01.2019	Stringing of sections 1E to existing Loc. No. 8

In respect of above, PWD have rescheduled the shutdown dates as under :-

Name of Line	From Date	To Date	Execution plan
220kV D/C Maharani Bagh – Ghazipur T/L	07.01.2019	14.01.2019	Erection of towers at Loc. No. 1A
	17.01.2019	24.01.2019	Stringing of sections 1A to existing Loc. No. 1
	17.01.2019	24.01.2019	Stringing of sections 1E to existing Loc. No. 8

OCC approved above shutdowns as proposed subject to healthiness of 220kV PPG-GZP U/G power cable & 220kV GZP-BTPS ckt.

(Action by DTL O&M deptt., PWD)

6.3 PGCIL Shutdown request of 220kV Tuglakabad- BTPS line (both circuit)

The conductoring work to be carried out by M/s. PGCIL to connect the Okhla-Tuglakabad line between multicircuit tower & tower no 1. M/s. PGCIL has requested for the shutdown of Tuglakabad- BTPS line (both circuit) to execute the above work for safety purpose as the line exist on multicircuit tower. The shutdown is proposed for two days from 04.01.19 to 05.01.19 for carrying out the above work.

OCC approved this shutdown for two days from 04.01.19 to 05.01.19 to carry out the above work. This shut down is subjected to condition that 220kV Mehrauli-Tughlaqabad Ckt-1 & 2 must be in service before providing above shutdown.

DTL was requested to provide the schedule of completion of HTLS reconductoring works at various transmission lines. As the generation from BTPS is discontinued, in this regard OCC requested DTL to complete this reconductoring works by the end of March-2019 to meet the load demand in upcoming summer season.

(Action by PGCIL & DTL)

6.4 DTL O&M Agenda

Refusal of planned shutdowns approved in the OCC by TPDDL at 220kV Substation Kanjhawala.

It is submitted that he below mentioned shutdown was approved in the last OCC meeting for the 11kV System installed at 220kV Substation Kanjhawala:

1. **06/12/2018:** The shutdown for 11kV No. 1 along with 11kV Bus Bar-1 with 20MVA Tr. No. 1 (from 10:00hrs to 13:00hrs) for tightening of CTs contact and other general maintenance work is approved for 06/12/2018 by OCC.
2. **22/12/2018:** The shutdown for 11kV No. 2 along with 11kV Bus Bar-2 with 20MVA Tr. No. 2 for tightening of CTs contact and other general maintenance work is approved for 22/12/2018 by OCC.

Shutdown for 11kV No. 1 along with 11kV Bus Bar-1 with 20MVA Tr. No. 1 (06.12.2018)

On 06/12/2018 at 09:50hrs, the shutdown for 11kV Incomer with 11kV Bus Bar-I along with 20MVA Tr. No. 1 for mtc. Work as per PMS but this shutdown was refused from CENNET end. On asking the reason for refusal of this shutdown, CENNET told us that CENNET is not having any information about this shutdown and no such shutdown appears in the list which CENNET. On conversation with System Operation (Minto Road) regarding this, System Operation/ Delhi SLDC told us to inform CENNET that this approved Shutdown is listed at S.No. 58 of the list for that day. Unfortunately, after putting so many efforts, CENNET did not allow us for this approved shutdown on 06/12/2018 on the pretext that they don't of any information regarding this planed outage/ shutdown. Ultimately, we missed to avail to said planned shutdown because of TPDDL.

Shutdown for 11kV No. 2 along with 11kV Bus Bar-2 with 20MVA Tr. No. 2 (22.12.2018)

Keeping in view of above incident we decided to take up the matter of 11kV Shutdowns as above in advance with System Operation, so that if the above mentioned situation arises we can schedule our manpower accordingly.

And therefore, for the shutdown on 22/12/2018 we had contacted the System Operation on 21/12/2018 (i.e one day advance) to ensure that whether we could be able to get the approved shutdown on 22/12/2018 for 11kV I/C-II with 11kV Bus Bar-2 , but the same was again refused by CENNET. Also, Sh. Sandeep from TPDDL Control Room told us that this shutdown could not be allowed due to some examination of Govt. School and asked us to take this Shutdown on 24.12.2018 (Monday) and provided us the commitment that he will provide us this shutdown on 24.12.2018.

Accordingly, we planned our manpower and schedule for the shutdown on 24.12.2018. The Shutdown for 11kV Bus Bar No. II along with 20MVA Tr. No. 2 applied at 10:05hrs on 24.12.2018 but unfortunately this time also we were not allowed to avail the shutdown.

The sequence of events as mentioned above causes a lot of hardship to DTL staff while. Due to lack of information of approved shutdowns with CENNET, the maintenance activity at 220kV Kanjhawla is hampering and also leads to wastage of manpower and time.

Further, it is submitted that without proper maintenance even in this lean period, it would be quite tough for us to supply uninterrupted supply to TPDDL. Hence, it is requested that TPDDL may be asked to honor the decisions taken in the OCC for availing the shutdown so as DTL may carry out the required maintenance on these switchgears also.

The matter was deliberated by OCC during which both TPDDL & DTL presented their respective points. It was revealed by TPDDL that there was change in nomenclature in their SCADA which created the confusion.

It was advised by OCC that utmost care be taken in uniformity of bay nomenclature at both DTL and DISCOM ends in view of safety of man and material.

OCC further advised TPPDL & Discoms to ensure for necessary shifting of load before the planned shutdown schedule for optimum utilization of manpower and in view of better maintenance activity to avoid the major breakdown.

(Action by TPDDL & other Discoms)
