



DELHI TRANSCO LIMITED
(A Govt. of NCT of Delhi Undertaking)
An ISO 9001:2015 certified company
{Office of DGM(T)-OS}
220kV S/StnPark Street Building, New Delhi-110001
Website:-www.dtl.gov.in

No. F.DTL/2020-21/DGM(OS)/ OCC/32

Date:-05.10.2020

Subject: 5th Meeting of Delhi Operation Coordination Committee (2020-21)- Minutes of Meeting.

The 5th meeting of Delhi Operation Coordination Committee (OCC) was held on 24.09.2020 (Thursday), 11:00 A.M through online mode.

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

Minutes of Meeting are also available on DTL website, www.dtl.gov.in under the tab "News and Information"-OCC Meeting.

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) CMD, DTL
- (iii) Director (Operation), DTL

Dy. General Manager (OS)

To all members - - As per list enclosed - -

5th Meeting of Delhi Operation Coordination Committee (2020-21)- Minutes of Meeting

DTL	General Manager (O&M)-I, Chairman OCC General Manager (O&M)-II General Manager (P&M, DM&S) General Manager (Planning) DGM (O&M) - North, East, West, South DGM (M/P) DGM (Planning.)
SLDC	General Manager (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
BBMB	Sr. Executive Engineer, O&M
DMRC	Addl. GM (Elect.)/ Sr.DGM (Traction)
GMR(DIAL)	GM(DIAL)
N. Railways	Sr. DEE (TRD)

Minutes of 5th Delhi OCC Meeting held on 24.09.2020

Date :	24.09.2020
Time:	11:00 AM
Venue:	Online Via Video conferencing 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

Chairman, OCC welcomed the members and commended on the efforts to maintain uninterrupted power supply in Delhi network in monsoon season despite the ongoing Covid-19 pandemic. Further, he requested all members to continue their efforts for smooth operation of the Generation, Transmission & Distribution system. He also added that lean load period has started and all efforts should be made for carrying out the maintenance activities as per preventive maintenance schedule or up-gradation of equipment as per requirements.

- **Review of Grid operations of August-2020**

In comparison with August-2019 power demand, there was negative variation in the peak demand 5737MW (-13.53%) in August-2020 & total energy consumption in month of August-2020 is 3165.946MUs(-10.70%) for Delhi System. This variation is largely due to restrictions imposed in the state to contain COVID-19 pandemic.

- **Planning of Grid operation for October-2020**

SLDC Delhi informed that, anticipated peak demand for October 2020 is 4600MW and expected availability is 5094MW (Surplus +494MW). Anticipated maximum energy requirement for a day is 87MUs and expected availability is 119MUs (Surplus +32MUs).

List of participants is enclosed as Annexure-I.

1.0 Confirmation of minutes of 4thDelhi OCC meeting (2020-21) held on 24.08.2020.

The 4th Delhi OCC meeting (2020-21) was held on 24.08.2020 through video conferencing in accordance with the agenda circulated vide letter dt: 19.08.2020. Minutes of the aforesaid OCC meeting were issued on 31.08.2020 and same was also uploaded on DTL website.

No comments were received from any member, OCC confirmed the minutes of 04thOCC meeting of 2020-21.

2.0 Updating of communication details of nominated members of Delhi OCC.

As per S. No. 2 of 4thOCC meeting dt:24.08.2020 members/participants were requested to update communication details of nominated representatives.

As of now BRPL, BYPL, DMRC& TPDDL has updated the relevant details as under:

S.N	Name of Utility	Designation	Name of Officer	Mobile No.	e-mail	Corresponding Office Address
1	BYPL	Vice President	Sh. Jitendra Nalwaya	8467887272	jitendranalwaya/rel/relianceada@infocomm	BSES Yamuna Power LTD. Scada Control Room , 2nd Floor, Shankar Road, Delhi - 110060
2	BYPL	Dy. GM	Sh. Som Dutt Sharma	9312782457	somdutt/rel/relianceada@infocomm	
3	BYPL	Asst. Vice President	Sh. Sushil Sharma	9312725633	sushil ksharma/rel/relianceada@infocomm	
4	TPDDL	Addl. GM	Sh. Lalit Wasan	9971316492	lalit.wasan@tata power-ddl.com	66 kV PP3 Grid S/Stn building Pitampura, Delhi – 110034
5	DMRC	GM/ Traction	Sh. Subodh Pandey	9958097178	subodh_dmrc@yahoo.com	DMRC, Metro Bhawan, New Delhi
6	DMRC	Sr.DGM/ Traction	Sh. Chandrakant Shrivastava	9717497427	chandrakant271170@gmail.com	
7	BRPL	Vice President	Sh. Salil Saxena	9350582556	salil.saxena@relianceada.com	BYPL System, SCADA Balaji
8	BRPL	DGM	Sh. M. Kishore Babu	8178347059	miriyala.babu@relianceada.com	

OCC advised NDMC, MES, IPGCL, PPCL& BBMB to update the details of nominated members and submit in prescribed format to the convener.

3.0 DTL AGENDA:

3.1 Proposed planned shutdowns of DTL for the month of October-2020.

DTL proposed planned shutdowns for the month of October-2020.

Chairman,OCC, advised all the utilities to plan maintenance/up-gradation/replacement activities in lean load period as per respective maintenance plans in preparation of meeting the load requirements of next summer season.

After detailed discussion with members, OCC approved planned shutdowns subject to real time conditions as per the attached Annexure.

- a. Shutdown of 220kV SOW-MandolaCkt-II proposed from 25.09.20 to 26.10.20 has been approved subjected to the availability of the 220kV SOW-MandolaCkt-I.
- b. Shutdown of 220kV Bamnauli-DIAL Ckt-I& II proposed from 15.10.20 to 22.10.20 has been approved subjected to the availability of the 400kV Bamnauli-TughlakabadCkt-I&II to maintain system reliability.

3.2 Status of joint checking of Overhead Power Line crossings with Northern Railways representatives by DTL & DISCOMs conducted in July-2020.

In the 2nd Delhi OCC meeting (2020-21), committee suggested all utilities to conduct the survey of O/H power line crossings in 1st fortnight, July-2020 & share the details with OCC. OCC further advised DISCOM, DTL & Northern Railways to conduct joint survey of the power lines on regular basis.

In 4th OCC meeting on 24.08.20, DTL/O&M North & East informed about completion of survey & details shared with OCC. During this meeting, Northern Railway DEE/TRD raised a concern regarding very bad condition of 33 kV Feeder of BRPL on Okhla-NZM crossing railway traction and jumpers are in damaged condition & may fall on the track. OCC advised BRPL to look in to the matter and attend it immediately to avoid unwanted breakdown.

During deliberation, Northern Railway DEE/TRDCTA-TRD Delhi division informed that survey of the 12 Overhead Transmission lines out of 27 line has been completed, however survey of 15 lines still pending (list of the lines attached as Annexure-II).

Further, OCC advised all utilities to complete the pending survey of lines/ take remedial actions and share the status in next OCC meeting.

(Action by DISCOMs, DTL & Northern Railway)

4.0 BYPL AGENDA:

4.1 Requirement of 66, 33 & 11 kV real time voltage of DTL grids through ICCP data for betterment of system reliability.

BYPL requested to provide real time voltage of DTL grids at 66, 33 & 11 kV to check/monitor reactive power according to source (DTL) grid voltage.

During deliberation, SLDC/SCADA informed that the details of Bus voltages & Feeder loads is already shared with DISCOMs through ICCP link. Apart from this, the voltages of DTL grids at 400/220/66/33 kV level is also provided at SLDC website on real time basis in public platform. SLDC suggested to DISCOMs to record voltage levels at their end & the same may be communicated to SLDC if there is any suspected data or major variation in voltage level is observed.

After detailed discussion, OCC requested to BYPL to submit/ specify the substation locations if any wherein there is issue of real time voltage level and the same may be forwarded to SLDC/ SCADA to review the same.

During deliberation, DTL/PPG raised few incidents wherein actual reasons of breakdown/ tripping are not being shared to DTL Operation staff by BYPL before energization of feeder.

OCC advised DISCOMs to record reason of breakdown/ tripping at respective Sub Station of DTL before charging of feeder at DTL end to maintain the transparency in the system analysis of faults in totality. OCC advised all utilities to share the tripping incident details/ reasons with SLDC.

4.2 Procedure for 11kV breaker maintenance of feeders emerging through DTL grids.
BYPL submitted that SOP is required for 11kV level feeders for routine breaker maintenance along with issue like:

- a) Breaker indication
- b) Tripping signal
- c) Measure and values (etc.)

O&M informed OCC that DTL is carrying out maintenance of 11kV panels as per standard PMS.

4.3 Requirement of communication port at 220 kV Kashmiri Gate (grid off-line issue) on high priority.

It was informed that, currently FRTU of BYPL is off-line and new link is proposed. In this meantime port is required for data monitoring.

BYPL informed OCC about not receiving of data since Feb-2020. It is suspected that fault might be in FRTU or communication port.

OCC advised DTL Communication wing and BRPL to carry out joint inspection to check and assess the issue and further take necessary action to rectify it.

(Action by BYPL & DTL)

4.4 Communication through wireless between Minto Road & Shankar road control center should be checked & resumed.

BYPL requested to check & ensure healthiness of wireless communication between SLDC Minto road & Shankar Road control center for fast, better & ease of communication.

SLDC informed in previous OCC meeting about the purchasing of radio trunkset and will be provided to all utilities when available.

OCC advised to expedite the work.

4.5 Overcoming the High Voltage issue during night hours in winter season for betterment of system reliability.

BYPL submitted & requested to high voltage in night hours during coming winter seasons to control & provide correct voltage level.

OCC acknowledged the concern of BYPL regarding high voltage issue during light load condition in night hours of winter season. SLDC submitted that the voltage levels are under monitoring. To counter the high voltage & reactive power injection to the system during winter season, tap position of power transformer will be lowered & lightly loaded transmission lines U/G cables will be switched Off.

OCC suggested that if high voltage are observed by DISCOMs, location can be shared to SLDC to review & rectify the same.

5.0 SLDC AGENDA

5.1 Survival of Local Island at GTPS/ Pragati.

During 20th GCC meeting as per MoM at S.No. 2.4 (9.12) following was discussed:-
 “BYPL representative raised the issue of survival and subsequent synchronizing of local islanding at GT/ Pragati.

GCC advised DTL to carry out a joint visit with Discoms and IPGCL/ PPCL to analyze the requirements for sustaining Local Island at GT station”. -

The matter was deliberated in the 12th (2018-19) Delhi OCC meeting held on 28.03.2019 and a committee comprising of following members was constituted for carrying out the above desired work at Pragati:-

- (i) Sh. Satyendra Prakash, AGM(Elect./C&I), PPS-I, PPCL.
- (ii) Sh. B.L. Gujar, DGM (Prot.), DTL.
- (iii) Sh. Bharat Tiwari, MGR(OS), DTL
- (iv) Sh. Deepak Kumar, AM(T)-Pragati, DTL.

In 4th Delhi OCC meeting (Aug-2020), DTL representative informed that the control cable laying work assigned to DTL has been completed on 31.07.2020 . PPCL/Pragati representative informed OCC about availability of spare items by the end of August-2020 & work will be executed by 30.09.2020.

PPCL/Pragati informed OCC about installation of meter at site & connection of meter will be completed after the visit of DTL/Protection.OCC advised to expedite the remaining work & to complete the work by 12.10.2020.

(Action by PPCL/Pragati)

5.2 Submission of break up energy consumption by the state.

In 172th NRPC OCC meeting all SLDCs were requested to provide the break up energy consumption by the state by segregating the same from the billed data from DISCOMs in the format as prescribed below:

Cat ego ry	Consumption by Domestic load	Consumption by Commercial load	Consumption by Agricultural load	Consumption by Industrial load	Traction supply load	Miscell aneous /Others
Mo nth						

Report submission status:

DISCOM	BRPL	BYPL	TPDDL	MES	NDMC
Submitted up to	up to August-20	up to July-20	up to May-20	up to April-20	No information received

OCC advised all utilities that it is a routine exercise and data must be provided to SLDC in the prescribed format on regular basis.

5.3 Updating alternate source of 66/ 33kV /11kV feeders emanating from DTL 220 kV Substations.

In 4th Delhi OCC meeting (2020-21), all the DISCOMs were requested to update the alternate source of 66/ 33 /11kV feeders emanating from DTL 220 kV Substations in the given format. In this regard, an email sent to BRPL, BYPL and TPDDL on 17.08.20. The DISCOM wise list was circulated in the 4th Delhi OCC meeting (2020-21).

Updated information has not been received from any DISCOM except BYPL.

BRPL and TPDDL are requested to update the alternate source list and emailed it to SLDC.

BRPL and TPDDL informed OCC that the list of alternate sources of respective DISCOMs is ready and the details will be shared to SLDC shortly. OCC advised to expedite.

5.4 Status of Installation of Reactors by DMRC in Delhi.

In 175th NRPC OCC, high voltage in Delhi network agenda point was deliberated and status of installation of reactors (combination of fixed and Statcoms) by DMRC at following locations were queried.

S.No	Location	Capacity	Completion
1	Jahangirpuri	15.5MVAR	July 2020
2	Mukundpur	7.5 MVAR	July 2020
3	Chattarpur	8.5 MVAR	July 2020

DMRC informed OCC about work of installation of reactors is held up due to restrictions imposed by Govt. of India to contain COVID -19 pandemic. Further, DMRC submitted that, the above work has been delayed and expected to be completed by March-2021.

6.0 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 Delhi Power system as under:

S.N	Element's Name	DISCOM/ DTL	Date and Time of outage	Status of outage as on 18.09.2020

1.	33 kV RIDGE VALLEY - KHEBAR LANE CKT.-II	BRPL	01.06.2019	'Y' PH. Single cable faulty. BRPL informed that the agenda related to handover this ckt to MES to be put up before Steering Committee. Process is not started yet. In last OCC, BRPL advised to pursue with MES to revive this ckt. BRPL informed OCC that no Response received from MES
2.	220 kV MEHRAULI - 66 kV MALVIYA NAGAR CKT.-II	BRPL	16.08.2020	'R' PH. cable faulty. Energized
3.	400 kV MUNDKA - 66 kV NANGLOI W. WORKS CKT.	BRPL	26.08.2020	'B' PH. cable faulty. There are multiple faults in Ckt& BRPL checking for feasibility of cross bonding. Expected by 31.10.2020
4.	220kV PPK -II - 66kV G-5 MATIALA CKT.-II	BRPL	20.09.2020	'R'PH. CABLE FAULTY. Energized
5.	220kV PPG - 33kV GURU ANAGD NAGAR CKT.-II	BYPL	17.09.2020	'R' PH. SINGLE CABLE FAULTY Expected by 30.09.2020
6.	33kV BHAGIRATHI - KARAWAL NAGAR CKT.-I	BYPL	21.09.2020	'R' & 'Y' PH. SINGLE CABLE FAULTY Energized on 22.09.2020
7.	66kV DHEERPUR - JAHANGIRPURI CKT.-I	TPDDL	17.07.2020	'R' PH. CABLE FAULTY Expected by 31.10.2020
8.	33 kV BAY -42 (2) IP - CONNAUGHT PLACE)	NDMC	06.07.2020	Single cable faulty. NDMC not available to comment.
9.	33 kV BAY -28 IP - CONNAUGHT PLACE)	NDMC	20.09.2020	'R' PH. CABLE FAULTY. NDMC not available to comment.
10.	220/66 kV 160 MVA PR.TR.- II AT R.K. PURAM	DTL	06.03.2020	Tx tripped on Buchholz & found faulty. Transformer already sent to workshop OEM, for repairing works. Expected by 30.11.2020
11.	220kV WAZIRABAD - MANDOLA CKT.-I	DTL	25.08.2020	SHUT DOWN FOR HTLS RE-CONDUCTORING. Expected by 30.09.2020
12.	220kV SHALIMARBAGH - BAWANA CKT.-I	DTL	27.08.2020	SHUT DOWN FOR HTLS RE-CONDUCTORING. Expected by 30.09.2020
13.	400kV BAMNAULI - TUGLAKABAD CKT.-I & II	DTL	19.09.2020	SHUT DOWN FOR SHIFTING OF TOWER NO. 17. Expected by 20.10.2020
14.	CKT. BREAKER No. 752 OF 400kV BAWANA - 220kV ROHINI-II CKT.-II	DTL	18.09.2020	S/D FOR REPLACEMENT OF CKT. BREAKER. Charged on 22.09.2020

ADDITIONAL AGENDA

Following additional agenda was also discussed in the OCC:

1.0 BRPL Agenda:

1.1 Review & updation in list of SPS enabled BRPL feeders.

BRPL requested for review & updation in list of SPS enabled feeders. Also if any 66 kV

or 33kV O/G feeders trips on SPS, that feeder should be charged without breakdown check. BRPL requested that SLDC should share if feeder's tripping is due to SPS or not and charge feeder after BRPL consultation.

DTL/Protection Deptt. Provided the list of SPS available at PPK-I, Mehrauli&Narainasubstations. BRPL requestedfor review/ changes in the present list.

OCC advised the DISCOMsto conduct a separate meeting with DTL/Protection and SLDC to review & finalize the SPS feeders list..

OCC suggested that in case of 66kV or 33kV feeder tripping due to operation of SPS only, same may be charged after consultation with SLDC.

1.2 Under-utilization of 02 nos. 66kV Ridge Valley ckts from 220 kV Park StreetS/S.

During the last many years, it has been observed that 2 nos 66 kV U/G feeders Ckt-1 &Ckt.- 2 emanating from Park Street, 220 kV Grid to Ridge valley 66kV Grid S/Stn are running on no load and therefore the utilization of these 02 feeders at receiving end is considerably ignorable. It is seen that both Ckt-1 & Ckt-2 are observed to be as less important feeders so as to be maintained by BSES since both the feeders are under utilization mostly to NDMC areas having supply source from DTL Grids and it seems further continuation to maintain the feeders by us may add up to high capital cost and may be no maintenance cost is being shared either by DTL or NDMC till date.

Therefore, it is proposed that both Ckt-1 & Ckt-2 from Park Street to Ridge Valley are considered to be not so emergent feeders and Park Street to R/valley ckt 2 which is under B/D and frequent failure of cables may be discontinued from further maintenance byBSES.

SLDC submitted that 66kV Ridge Valley Ckt-II is an emergency source to feedback at Park Street substation if required. BRPL proposed to handover this Ckt to other utilities. OCC advised BRPL to put up the case in the steering Committee.Further, OCC advised to BRPL to maintain this feeder to maintain system reliability.

1.3 Status of 66/11 kV and 33/11 kV PTR augmentationworks

BRPL requested to DTL to provide latest status of 66/11kV and 33/11kV PTR augmentation works. Further, BRPL requested OCC to continue this point as agenda in upcoming meetings till work completion.

DTL informed that 66/11kV and 33/11kV PTR augmentation works are under process and expected to be completed as per Business Plan.

The meeting ended with thanks to the Chair.
