



DELHI TRANSCO LIMITED
(A Govt. of NCT of Delhi Undertaking)
An ISO 9001:2015 certified company
{Office of DGM(T)-OS}
1st Floor, Park Street Building, New Delhi-110001
Website:-www.dtl.gov.in

No. F.DTL/201/2022-23/DGM(OS)/F4/12

Date:- 27.04.2022

**Subject: 1st Meeting of Delhi Operation Coordination Committee (2022-23)
- Minutes of Meeting.**

The 1st meeting of Delhi Operation Coordination Committee (OCC) was held on 25.04.2022 (Monday), 11:00 A.M and conducted through online mode.

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/344_1_OCC-Meeting2021.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


Dy. General Manager (OS)

To all members - - As per list enclosed - -

1st Meeting of Delhi Operation Coordination Committee (2022-23)- 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)
GMR(DIAL)	GM(DIAL)
N. Railways	Sr. DEE (TRD)

MINUTES OF 1ST DELHI OCC MEETING

Date :	25.04.2022
Time:	11:00 AM
Venue:	Online Via Video conferencing O/o-GM(O&M)-I, Delhi Transco Ltd., 220 kV S/stn Park Street, New Delhi-01
	List of participants is enclosed as Annexure-I.

The Chairman, Delhi OCC welcomed the members/participants and advised that summer season has started and all efforts should be made for carrying out the uninterrupted power supply in Delhi network. He also appealed to members for their readiness to successfully achieve the upcoming peak demand of Delhi network. Further, he requested to start the meeting as per circulated agenda.

It was informed that the peak demand for March'22 was 4648 MW against peak demand of 3709 MW in March'21. Total energy consumed in March'22 was 2272.596 MUs against 2096.772 MUs in March'2021. SLDC Delhi informed that, anticipated peak demand for the month of May'22 is 6900MW and expected availability is 6669 MW (Deficit -231MW). The anticipated maximum energy requirement for one day is 114.516MUs and expected availability is 149.139MUs (Surplus +34.623MUs).

1. Confirmation of minutes of 12th Delhi OCC meeting (2021-22) held on dated 24.03.2022.

The 12th Delhi OCC meeting (2021-22) was held on 24.03.2022 through video conferencing in accordance with the agenda circulated vide letter dt: 14.03.2022. Minutes of the OCC meeting were issued on 28.03.2022 and was uploaded on DTL website (http://dtl.gov.in/content/344_1_OCC-Meeting2021.aspx).

Members confirmed the Minutes of 12th Delhi OCC meeting.

2. DTL Agenda:-Proposed planned shutdowns of DTL for the month of May-2022.

After detailed discussion with the members, OCC approved shutdowns subject to real time condition & consent from respective DISCOMs.

Chairman, OCC instructed that from the next month onward no shutdown shall be allowed for general maintenance/Tree trimming/PSDF work & requested all to attend the hot spot on emergency basis and should not wait to put up the shutdowns in OCC.

- All the shutdowns of general maintenance & tree trimming will be provided in a window available with SLDC when load is slightly low (i.e, 05:00AM to 09:00AM).

- OCC also insisted to provide slots for tan delta testing of Transformers as it is very much needed for safe and smooth operation of the system.
- At 220kV Dial:- Shutdown of CB hydraulic work is approved on the real time basis subject to the consent from GMR/Dial.
- Due to high demand profile during week days, the shutdowns may be shifted on weekends on the basis of loading.
- 220kV BTPS-Alwar Ckt shall be under shutdown as proposed by Alwar & already approved in NRPC for 02.05.22 to 08.05.22. Protection department is advised to club their shutdown of testing of protection relay.
- Shutdowns of 66kV bus bar at Najafgarh is deferred to lean period.

3. 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:

S. no.	Element's Name	Utility	Date of outage	Status of outage as on 25.04.2022
1.	220KV TRAUMA CENTER-33KV AIIMS CKT	BRPL	29.01.22	UNDER BREAKDOWN. Expected by May-2022.
2.	220KV OKHLA- 33kV ALAKNANDA CKT-1	BRPL	30.03.22	'Y' PHASE SINGLE CABLE FAULTY. Energized on 15.04.2022.
3.	220KV NARAINA- 33kV MAYAPURI CKT-2	BRPL	07.04.22	'B' PHASE SINGLE CABLE FAULTY. Energized on 14.04.2022.
4.	220KV PATPARGANJ-AKSHARDHAM	BYPL	05.04.22	'R' PHASE CABLE FAULTY. Energized on 12.04.2022.
5.	220KV IP BAY- 28- 33KV CONNAUGHT PLACE	NDMC	16.02.22	'Y' & 'B' PHASE CABLE TRIPPED ON E/F & O/C. Expected by 10.05.2022.
6.	220kV IP BAY 42- 33kV CONNAUGHT PLACE	NDMC	12.03.22	'Y' PHASE SINGLE CABLE FAULTY. Expected by 10.05.2022.
7.	220KV TRAUMA CENTRE-33kV RACE COURSE CKT	NDMC	22.03.22	'R' PHASE CABLE FAULTY. Expected by 10.05.2022.
8.	220KV RIDGE VALLEY-66kV BAPUDHAM	NDMC	27.03.22	'R' PHASE CABLE FAULTY. Expected by 10.05.2022.
9.	220KV PARK STREET - 66KV DMRC CKT.-I&-II	DMRC	19.10.21	SHUT DOWN FOR GRID SHIFTING WORK AT DMRC END. Expected by May-2022.
10.	220KV SHALIMAR BAGH-66KV PP-I CKT-II	TPDDL	04.03.22	'Y' PHASE CABLE FAULTY. Expected by 30.04.2022.
11.	400KV BAWANA, 315MVA ICT-II	DTL	30.03.21	315MVA ICT-II CAUGHT FIRE AND DAMAGED. Expected by 30.04.2022.

S. no.	Element's Name	Utility	Date of outage	Status of outage as on 25.04.2022
12.	AT PEERAGARHI: - 220/33KV 100MVA TRF.-I	DTL	10.07.21	TRIPPED ON DIFFERENTIAL. TX FAULTY. Civil foundation work has been started & TAL make Tx is on the way. Expected by May-2022.
13.	220KV LODHI ROAD - 33 KV VIDYUT BHAWAN, JLN STADIUM FEEDERS	DTL	29.11.21	AFFECTED DUE TO BOTH 33KV BUSES DEAD BECAUSE OF FIRE IN 33KV GIS. The replacement of damaged panels with new panels is under progress. Expected by June-2022.
14.	AT MUNDKA: 315MVA ICT – IV	DTL	13.11.21	TRIPPED ON BUCHLOZ RELAY. 'R' PH. WINDING DAMAGED. Expected by 30.04.2022.
15.	220KV TRAUMA CENTER- 33KV BHIKAJI KAMA PLACE	DTL	03.02.22	'R' PHASE PT DAMAGED. Work is in last stage. Expected by 30.04.2022.
16.	220KV OKHLA- 100 MVA-IV	DTL	03.02.22	TRIPPED ON DIFFERENTIAL. The work for shifting of hot reserve transformer from 220kV PPK-I substation has been initiated & shall be commissioned by May-2022.
17.	220KV SARITA VIHAR- 20MVA TX-II	DTL	07.02.22	MADE OFF DUE TO HIGH CONTENT OF HYDROGEN GAS. Transformer taken from BSES on loan basis energized on 13.04.2022. Trend of rise in hydrogen gas has been detected. O&M/Sarita Vihar & BRPL shall share the results with each other for primary analysis.
18.	220KV VASANT KUNJ- 220/66kV 100 MVA-I	DTL	16.02.22	UNDER OVERHAULING. Energized on 11.04.2022.
19.	400KV BAMNAULI- 315MVA ICT-I	DTL	03.03.22	FOR DISMENTLING OF ICT. Dismantling of ICT has been completed & shifted to Tikri Kalan against ICT-IV to meet load requirement of summer.

ON TABLE AGENDA

1. DTL Agenda:- Regarding 20MVA Power Transformer shifted by BRPL to 220kV Sarita Vihar sub-station on loan basis.

In last OCC meetings O&M deptt. conveyed that due to exceedingly high content of Hydrogen gas , 20MVA Power Transformer NO-II at Sarita Vihar were taken out of service and requested OCC to communicate BRPL to either shift the load at 11KV level from Sarita Vihar s/stn or arrange one 20MVA Power Transformer to cater the load at 11KV level considering the summer season.

Being a matter of urgent nature, this matter was discussed in the meeting held in the Power Department on dated 04.03.2022. Minutes of this meeting were issued on 10.03.2022 from the Power Department. As per the minutes’ point no 3, BRPL communicated the risk of 10MVA load shedding in view of non-availability of one 20MVA Power Transformer at Sarita Vihar

On repeated request of DTL, BRPL shifted one 20MVA Power Transformer NGEL make s.no. 2800053807, YOM 1993 on 31.03.2022 from 66KV BRPL Pankha Road Sub-station to DTL 220KV S/Stn Sarita Vihar. Transformer was erected, tested with all due care/supervision and commissioned on 13.04.2022. Various DGA reports were conducted of the oil sample taken out before & after charging.

After charging DGA reports indicates high rate rise of hydrogen gas, trends of hydrogen gas rise are tabulated hereunder:-

Hydrogen Gas rise in 20MVA Power shifted from BRPL to DTL					
	12.04.2022 (before charging)	16.04.2022(after 72 hours of charging)	18.04.2022	21.04.2022	Remark
Hydrogen level in PPM	<5	1041	2011	>5000	5000PPM is the maximum limit of kit

DTL forwarded an email on dated 18.04.2022 to BRPL to co-relate the hydrogen gas exceedingly rate of rise after re-location with the latest report available with BRPL when this Transformer were in operation at their site. No latest reports were made available to DTL to examine whether hydrogen gas generation issue was persisting at BRPL site or it has started after re-location of Transformer.

Another email dated 19.04.2022 sent to BRPL to seek the complete history of Transformer ,since the rate at which hydrogen is generating in this Transformer,it is not safe to continue to remain in operation .However after commissioning, Transformer has not put on load.

Since all activities done on this Transformer under experienced supervision, so there is a distant possibility that any recent erection activity can leads to generation of hydrogen gas. BRPL should substantiate from their maintenance record, test reports; history etc. that this Transformer was operating satisfactorily at their site till, it was in operation.

OCC is requested to deliberate the issue.

OCC Deliberation:- O&M/Sarita Vihar apprised OCC that the transformer taken from BRPL on loan basis was energized on 13.04.2022. After the energization, the trend of rise in hydrogen gas was detected. After the deliberation, OCC advised O&M/Sarita Vihar & BRPL to share the old history & current test results of transformers with each other for the initial investigation. The records shall be analyzed by both the members to step into any conclusion, same shall be shared to OCC.

2.BRPL Agenda:- Feeder isolation issues on feeders emanating from BRPL to NDMC.

Following 33kv Feeders are emanating from BRPL grids

1. Kilokri- AIIMS T-NDSE
2. Sirifort –AIIMS

On above mentioned feeders any tripping occur or any maintenance activities to be done then feeder isolation and PT isolation is always troublesome. Some times NDMC control deny for PT isolation and sometimes they ask to send a mail and sometime ask to discuss with senior staff.

On date 20.4.22, 33KV Feeder Sirifort–AIIMS ckt tripped and BRPL control room requested feeder isolation and PT isolation and NDMC control room confirmed both. When breakdown team checked cable found all 3 phases found faulty and when breakdown checked at receiving end found PT in service. This is a serious safety concern.

These type of feeder isolation issues arising on above said feeders.

OCC Deliberation:- After detailed deliberation, OCC advised NDMC to keep both feeders in permanently off/isolate status in normal practice and may take load as and when required.

The meeting ended with thanks to the Chair.
