



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)/F4/118

Date:- 01.03.2023

**Subject: 11th Meeting of Delhi Operation Coordination Committee (2022-23)
- Minutes of Meeting.**

The 11th meeting of Delhi Operation Coordination Committee (OCC) was held on 24.02.2023 (Friday), 11:00 A.M.

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


01/03/2023
Dy. General Manager (OS)

To all members -- As per list enclosed --

11th 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 11th DELHI OCC MEETING

Date :	24.02.2023
Time:	11:00 AM
Venue:	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 warmly welcomed the members/participants in the first physical meeting after the Covid pandemic and commended on the efforts in maintaining the power supply in the toughest time. Further, he requested all members to continue their efforts for smooth operation of the Generation, Transmission & Distribution system. He also added that summer season has started and all efforts should be made for carrying out the uninterrupted power supply in Delhi network. Chairman requested to start the meeting as per circulated agenda.

1. Confirmation of minutes of 10th Delhi OCC meeting (2022-23) held on dated 19.01.2023.

The 10th Delhi OCC meeting (2022-23) was held on 19.01.2023 through video conferencing in accordance with the agenda circulated vide letter dt: 11.01.2023. Minutes of the OCC meeting were issued on 30.01.2023 and was uploaded on DTL website (http://dtl.gov.in/content/344_1_OCC-Meeting2021.aspx).

Members confirmed the Minutes of 10th Delhi OCC meeting.

2. DTL Agenda:-Proposed planned shutdowns of DTL for the month of March-2023.

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

Chairman, OCC advised O&M department to perform all the necessary maintenance activities & take necessary actions to minimize the trippings/forced outages.

- The consent for all shutdowns related to DISCOMs feeder shall be reconfirmed 01 day in advance.
- Shutdown of 100MVA-III at Gopalpur Sub-station for the overhauling work has been deferred.
- After detailed deliberation, the shutdowns proposed by DTL Project department at 220kV Gopalpur sub-station for making jumpering between 66kV Bushings of Tx and 66kV HT cable connecting with 66kV GIS has been approved after the consent from TPDDL.

- **Shutdown of Protection department principally approved for 2 days and advised DTL/Protection deptt. to explore the possibility of charging feeder one by one on the working panel.**

3. DTL Agenda:-Back up/Alternate source 11kV load/Supply Management by BYPL for the 11kV load being fed through 220kV Patparganj Sub-station.

220 KV Substation Patparganj is one of the oldest and critical sub-station installations of DTL which feeds power to the almost entire East Delhi including VIP load and water treatment plants at 66kV, 33kV & 11 KV levels. It is prudent to mention here that there are very old 11 KV transformers (20 MVA Mfg Yr 1993 and Repaired in 2005) and 16 MVA, Mfg Yr 1978 & 11 KV switchgear panels (Mfg Yr 1980, retro fitted with VCB's in 2010) in which frequent tripping occurred throughout year. Also due to old and outdated switchgear almost every year there is a major outage of 11kV system at Patparganj. Also OEM i.e, M/s CGL had already expressed their inability to provide spares for the said 11kV VCB's.

Owing to critical condition of the 11kV switchgear panel board, repeated faults, 11kV break-downs at Patparganj were reported and taken up on HIGH PRIORITY and as a result a scheme for "Supply, Erection, Testing and Commissioning of 11 kV VCB Panel Board was prepared by DTL Planning department and a consolidated scheme for augmentation of entire 11kV System including 20MVA and 16MVA power transformers with associated C&R panels etc has already been approved by DTL board.

However, there have been some inadvertent processing delays in award and finalization of said scheme due to which it might take another year (by end of 2023) before final implementation. Also, whenever the said scheme will be implemented, at least One Transformer / Half 11 Kv Bus Bar shall remain out of service for at least 2-3 months.

The details of monthly peak loading for last 2 years for 20MVA and 16 MVA transformer are as under:-

Month /Year	33/11kV Transformers		Month/ Year	33/11kV Transformers		Month /Year	33/11kV Transformers	
	20MVA (LV Side load)	16MVA (LV Side load)		20MVA (LV Side load)	16MVA (LV Side load)		20MVA (LV Side load)	16MVA (LV Side load)
May-20	740A	550A	May-21	423A	492A	May-22	635A	584A
June-20	803A	609A	June-21	590A	725A	June-22	835A	644A

July-20	787A	618A	July-21	515A	640A	July-22	676A	641A
Aug-20	665A	585A	Aug-21	656A	645A	Aug-22	590A	578A
Sep-20	662A	652A	Sep-21	415A	470A	Sep-22	683A	698A

In view of above submissions & old and vulnerable condition of 33kV/11kV Power Transformers and delay in execution of said proposed augmentation scheme, BYPL is requested to manage 11kV load at their end in case of any unwanted/unforeseen long outage of any 11kV system element at 220kV Patparganj.

OCC Deliberation:-OCC advised BYPL & O&M/DTL to explore alternate back feed solutions for the reliable power before the upcoming summer season and take up the challenge to maintain the reliability. O&M/ Patparganj shall share a list of inventory to BYPL, same may be arranged by BYPL as the spare items. Further, BYPL shall shift the load to other sub-stations in case of exigency. BYPL also agreed on the proposal.

4. SLDC Agenda:-High voltage issues in Delhi network.

The High Voltage issues have been faced in Delhi System. This is because of decrease in power demand in Delhi area and increase in U/G cables(ckt km) in Delhi Transmission and Distribution network . During past winter season, it has been observed high voltage conditions and injection of reactive power to the grid resulting into payment of heavy penalty to be given by Delhi system to NRPC reactive account.

The details of NRPC reactive weekly account for Delhi from 27.09.21 to 04.04.22 are as under:

Week No.	From	To	Payable (Rs in Lakhs)	Receivable (Rs in Lakhs)
27	27.09.21	03.10.21	41.67378	0
28	04.10.21	10.10.21	32.35531	0
29	11.10.21	17.10.21	80.59024	0
30	18.10.21	24.10.21	114.62934	0
31	25.10.21	31.10.21	126.30053	0
32	01.11.21	07.11.21	130.12035	0

33	08.11.21	14.11.21	120.87847	0
34	15.11.21	21.11.21	114.46921	0
35	22.11.21	28.11.21	100.33011	0
36	29.11.21	05.12.21	107.0162	0
37	06.12.21	12.12.21	98.04046	0
38	13.12.21	19.12.21	91.16606	0
39	20.12.21	26.12.21	94.1811	0
40	27.12.21	02.01.22	100.07546	0
41	03.01.22	09.01.22	106.39652	0
42	10.01.22	16.01.22	85.33977	0
43	17.01.22	23.01.22	107.90374	0
44	24.01.22	30.01.22	109.07553	0
45	31.01.22	06.02.22	110.82781	0
46	07.02.22	13.02.22	114.78867	0
47	14.02.22	20.02.22	98.45416	0
48	21.02.22	27.02.22	100.14102	0
49	28.02.22	06.03.22	43.77155	0
50	07.03.22	13.03.22	31.0496	0
51	14.03.22	20.03.22	80.76015	0
52	21.03.22	27.03.22	65.43948	0
53	28.03.22	03.04.22	63.46755	0

Following steps were in practice to control the high voltage/ injection of reactive power.

- (i) Switching off the capacitors at all the Substations of Delhi.
- (ii) Transformer taps optimization by DTL and DISCOM.
- (iii) Monitoring of all 400/220kV ICTs and taking actions wherein VAR flows are observed from 220kV to 400kV side.

- (iv) Opening of lightly loaded transmission U/G cables/ transmission lines keeping reliability in focus.
- (v) Absorption of reactive power by generating units.

(a) Action Plan for Winter Preparedness 2022-23.

i) The tap positions of 400/220 kV Transformers/ ICTs are required to optimize up to extent to control high voltage & reactive power injection in system as advised by NRLDC. The current Tap position details of 400/220 kV ICT's is enclosed.

ii) The tap position of 220/66kV & 220/33kV Trs at DTL S/Stns shall be reviewed after detailed deliberation on inputs provided by Discoms and O&M Department of DTL. The current Tap position details of 220/66kV & 220/33kV Trs is enclosed.

iii) SLDC is already opening various 220kV U /G Cables / lightly loaded lines in the night hours. This winter season situation may further worsen due to addition of new U/G Cables in Delhi network.

Iv) Status of Reactor Installation as suggested by CEA.

v) Delhi Discoms and DMRC shall also take action at their respective ends.

Tap position Details of ICTs on 14.10.2022

SI No.	Station Name	Owner	Voltage Ratio (kV)	Equipment	ICT details (MVA)	Configuration	TT	NT	PT
1	BAMNAULI	DTL	400/220	ICT 02	1*500	Y-Y	17	9	11
2	BAMNAULI	DTL	400/220	ICT 03	1*500	Y-Y	17	9	11
3	BAMNAULI	DTL	400/220	ICT 04	1*315	Y-Y	17	9	11
4	BAWANA	DTL	400/220	ICT 01	1*315	Y-Y	17	9	9B
5	BAWANA	DTL	400/220	ICT 02	1*315	Y-Y	17	9	B/D
6	BAWANA	PGCIL	400/220	ICT 03	1*315	Y-Y	17	9	9B
7	BAWANA(CCGT)	DTL	400/220	ICT 04	1*315	Y-Y	17	9	9B
8	BAWANA(CCGT)	DTL	400/220	ICT 05	1*315	Y-Y	17	9	9B
9	BAWANA(CCGT)	DTL	400/220	ICT 06	1*315	Y-Y	17	9	9B
10	MUNDKA	DTL	400/220	ICT 01	1*315	Y-Y	17	9	9B
11	MUNDKA	DTL	400/220	ICT 04	1*315	Y-Y	17	9	9B
12	HARSH VIHAR	DTL	400/220	ICT 01	1*315	Y-Y	17	9	9B
13	HARSH VIHAR	DTL	400/220	ICT 02	1*315	Y-Y	17	9	9B
14	HARSH VIHAR	DTL	400/220	ICT 03	1*315	Y-Y	17	9	9B

220kV Tr. tap position

S. No.	Name of the Element	MVA rating of ICT	Total tap	Normal tap	Present tap position
	400kV Bawana S/S				

1	220/66kV 100MVA Tx	100	17	5	3
	400kV Mundka S/S				
2	220/66kV 160MVA Tx-II	160	17	5	3
3	220/66kV 160MVA Tx-III	160	17	5	3
	220kV Narela S/S				
4	220/66kV 100MVA Tx-I	100	17	5	5
5	220/66kV 100MVA Tx-II	100	17	5	5
6	220/66kV 100MVA Tx-III	100	17	5	5
	220kV Rohini S/S				
7	220/66kV 100MVA Tx-I	100	17	5	3
8	220/66kV 100MVA Tx-II	100	17	5	3
9	220/66kV 100MVA Tx-III	100	17	5	3
10	220/66kV 100MVA Tx-IV	100	17	5	3
	220kV Patparganj S/S				
11	220/66kV 100MVA Tx-I	100	1-17	5	3
12	220/66kV 100MVA Tx-II	100	1-17	5	3
13	220/33kV 100MVA Tx-I	100	1-17	5	3
14	220/33kV 100MVA Tx-IV	100	1-17	5	3
15	220/33kV 100MVA Tx-III	100	1-17	5	3
	220kV Pragati S/S				
16	220/66kV 160MVA Tx-I	160			1
17	220/66kV 160MVA Tx-II	160			1
	220kV Gazipur S/S				
18	220/66kV 160MVA Tx-I	160	17	5	3
19	220/66kV 100MVA Tx-II	100	17	5	3
20	220/66kV 160MVA Tx	160	17	5	3
	220kV Wazirabad S/S				
21	220/66kV 100MVA Tx-I	100	17	5	3
22	220/66kV 100MVA Tx-II	100	17	5	3

23	220/66kV 100MVA Tx-III	100	17	5	3
24	220/66kV 160MVA Tx-IV	160	17	5	3
	220kV Okhla S/S				
25	220/66kV 100MVA Tx-I	100	1-17	5	5
26	220/66kV 160MVA Tx-II	160	1-17	5	5
27	220/33kV 100MVA Tx-III	100	17	5	5
28	220/33kV 100MVA Tx-IV	100	17	5	5
29	220/33kV 100MVA Tx-V	100	17	5	5
	220kV Sarita Vihar S/S				
30	220/66kV 160MVA Tx-I	100	17	5	3
31	220/66kV 100MVA Tx-II	100	17	5	3
32	220/66kV 100MVA Tx-III	100	17	5	3
	220kV Vasant Kunj S/S				
33	220/66kV 100MVA Tx-I	100	17	5	3
34	220/66kV 100MVA Tx-II	100	17	5	3
35	220/66kV 160MVA Tx-III	160	17	5	3
	220kV Najafgarh S/S				
36	220/66kV 100MVA Tx-I	100	17	5	2
37	220/66kV 160MVA Tx-II	160	17	5	2
38	220/66kV 160MVA Tx-III	160	17	5	2
39	220/66kV 100MVA Tx-IV	100	17	5	2

S. No.	Name of the Element	MVA rating of ICT	Total tap	Normal tap	Present tap position
	220kV Park Street S/S				
40	220/66kV 100MVA Tx-I	100	1-17	5	2
41	220/66kV 100MVA Tx-II	100	1-17	5	2
42	220/33kV 100MVA Tx-I	100	1-17	5	3

43	220/33kV 100MVA Tx-II	100	1-17	5	3
	220kV Kanjhawala S/S				
44	220/66kV 100MVA Tx-I	100	17	5	3
45	220/66kV 100MVA Tx-II	100	17	5	3
46	220/66kV 160MVA Tx-III	160	17	5	3
	220kV Pappankalan-II S/S				
47	220/66kV 100MVA Tx-I	100	17	5	3
48	220/66kV 100MVA Tx-II	100	17	5	3
49	220/66kV 160MVA Tx-III	160	17	5	3
50	220/66kV 160MVA Tx-IV	160	17	5	3
	220kV Pappankalan-I S/S				
51	220/66kV 100MVA Tx-II	100	17	5	3
52	220/66kV 100MVA Tx-IV	100	17	5	3
53	220/66kV 160MVA Tx-III	160	17	5	3
54	220/66kV 160MVA Tx-V	160	17	5	3
	220kV Mehrauli S/S				
55	220/66kV 100MVA Tx-I	100	17	5	3
56	220/66kV 100MVA Tx-II	100	17	5	3
57	220/66kV 100MVA Tx-III	100	17	5	3
58	220/66kV 160MVA Tx-IV	160	17	5	3
	220kV Gopalpur S/S				
59	220/66kV 160MVA Tx-II	160	1-17	5	5
60	220/33kV 100MVA Tx-I	100	1-17	5	6
61	220/33kV 100MVA Tx-III	100	1-17	5	6
	220kV DSII DC Bawana S/S				
62	220/66kV 100MVA Tx-II	100	17	5	3
63	220/66kV 100MVA Tx-III	100	17	5	3
64	220/66kV 160MVA Tx	160	17	5	3
	220kV DIAL S/S				

65	220/66kV 160MVA Tx-I	160	17	4	3
66	220/66kV 160MVA Tx-II	160	17	4	3
	220kV Ridge Valley S/S				
67	220/66kV 160MVA Tx-I	160	17	3	3
68	220/66kV 160MVA Tx-II	160	17	3	3
	220kV Rohini-II S/S				
69	220/66kV 160MVA Tx-I	160	17	5	3
70	220/66kV 160MVA Tx-II	160	17	5	3
	HARSH VIHAR 400kV S/S				
71	220/66kV 160MVA Tx-I	160	17	5	2
72	220/66kV 160MVA Tx-III	160	17	5	2
73	220/66kV 160MVA Tx-II	160	17	5	2
	220kV Subzi Mandi S/S				
74	220/33kV 100MVA Tx-I	100	1-17	5	3
75	220/33kV 100MVA Tx-II	100	1-17	5	3
	220kV Kashmiri Gate S/S				
76	220/33kV 100MVA Tx-I	100	17	5	3
77	220/33kV 100MVA Tx-II	100	17	5	3
	220kV Lodhi Road S/S				
78	220/33kV 100MVA Tx-I	100	17	5	5
79	220/33kV 100MVA Tx-II	100	17	5	5
80	220/33kV 100MVA Tx-III	100	17	5	3

S. No.	Name of the Element	MVA rating of ICT	Total tap	Normal tap	Present tap position
	220kV Naraina S/S				
81	220/33kV 100MVA Tx-I	100	17	5	3
82	220/33kV 100MVA Tx-II	100	17	5	3
83	220/33kV 100MVA Tx-III	100	17	5	3

	220kV Geeta Colony S/S				
84	220/33kV 100MVA Tx-I	100	17	5	3
85	220/33kV 100MVA Tx-II	100	17	5	3
	220kV Shalimarbagh S/S				
86	220/33kV 100MVA Tx-I	100	17	5	5
87	220/66kV 100MVA Tx-II	100	17	5	5
88	220/33kV 100MVA Tx-III	100	17	5	5
	220kV I.P. S/S				
89	220/33kV 100MVA Tx-I	100	1-21	9	5
90	220/33kV 100MVA Tx-II	100	1-21	9	5
91	220/33kV 100MVA Tx-III	100	1-17	5	3
	220kV Masjid Moth S/S				
92	220/33kV 100MVA Tx-I	100	1-17	5	3
93	220/33kV 100MVA Tx-II	100	1-17	5	3
94	220/33kV 100MVA Tx-II	100	1-17	5	3
	220kV Trauma Center S/S				
95	220/33kV 100MVA Tx-I	100	1-17	5	3
96	220/33kV 100MVA Tx-II	100	1-17	5	3
	220kV Electric Lane S/S				
97	220/33kV 100MVA Tx-I	100	1-17	5	S/D
98	220/33kV 100MVA Tx-II	100	1-17	5	3
	220kV Wazirpur S/S				
99	220/33kV 100MVA Tx-I	100	1-17	5	3
100	220/33kV 100MVA Tx-II	100	1-17	5	3
	220kV Peeragarhi S/S				
103	220/33kV 100MVA Tx-II	100	1-17	5	3
102	220/33kV 100MVA Tx-III	100	1-17	5	3
103	220/33kV 100MVA Tx-I	100	1-17	5	3

220kV Preet Vihar S/S					
104	220/33kV 100MVA Tx-I	100	1-17	5	2
105	220/33kV 100MVA Tx-II	100	1-17	5	2
220kV RPH Stn					
106	220/33kV 100MVA Tx-I	100	1-17	5	5
107	220/33kV 100MVA Tx-II	100	1-17	5	5
220kV R.K.Puram S/S					
108	220/66kV 160MVA Tx-I	160	1-17	5	1
109	220/66kV 160MVA Tx-II	160	1-17	5	1
110	220/66kV 100MVA Tx-I	100	1-17	5	3
111	220/66kV 100MVA Tx-II	100	1-17	5	3
220kV Tuglakabad S/S					
112	220/66kV 160MVA Tx-II	160	1-17	5	1
113	220/66kV 160MVA Tx-I	160	1-17	5	1
220kV Papankalan-III S/S					
114	220/66kV 160MVA Tx-II	160	1-17	5	3
115	220/66kV 160MVA Tx-I	160	1-17	5	3
220kV SGTN S/S					
116	220/66kV 160MVA Tx-I	160	1-17	5	2
117	220/66kV 160MVA Tx-II	160	1-17	5	2

In 7th, 8th 9th & 10th Delhi OCC, high voltage & reactive power injection issues was deliberated and following corrective action were advised:-

- (i) OCC advised SLDC to monitor the high voltage & reactive power issue and assist the station staff in taking necessary steps for maintaining within acceptable limit.
- (ii) Switching off the capacitors at all the Substations of Delhi.
- (iii) Transformer tap optimization by DTL and DISCOMs.
- (iv) Monitoring of all 400/220kV ICTs and taking actions wherein VAR flows are observed from 220kV to 400kV side. In this respect reactive energy changes could also be monitored.
- (v) Opening of lightly loaded transmission cables/transmission lines keeping reliability in focus.
- (vi) DISCOMs/DMRC were requested to select the list of feeders for switching exercise to control reactive power injection. List of selected feeders to be shared with SLDC.

(vii) For switching of 220kV level double ckt U/G cables, OCC advised switching of U/G cable circuits on alternate basis to ensure the healthiness of both the ckts. DTL/O&M shall inform the SLDC if any U/G cable ckt switched off for more than a week.

OCC also advised DMRC, DTL & DISCOMs to explore all possibilities to control system voltage profile and reactive power injection in system from their respective ends.

OCC Deliberation:- OCC appreciated all the utilities for their commendable efforts in the winter season in maintaining the voltage profile and reactive power injection in the system.

As the summer season has started, OCC decided to close this agenda.

5. NDMC Agenda:-Regarding energization of 11kV feeder from Exhibition Ground ESS BSES.

During the redevelopment of International Exhibition cum convention centre (IECC) Pragati Maidan ITPO w.e.f, 2019-20 onwards, One of the BSES ESS was shifted from Bhagwan das Road to Mathura Road near Matka Peer where previously one feeder emanated from BSES to Tilak Marg, ESS 11kV (NDMC).

The above feeder has been shifted by NDMC on the request of International Exhibition cum Convention Centre (ITPO) on deposit work. The work of shifting of cable has been completed and 2nd end of the cable has left in the boundary of newly constructed BSES ESS at Mathura Road near Matka Peer which required to be energized.

The matter has been peruse with BSES department from the last more than 2 months but no positive result has come out regarding the energization of 11kV cable end.

OCC Deliberation:-BRPL apprised OCC that as the grid has been relocated, the commercial agreement need to be revised before the energization of 11kV feeder of NDMC. OCC advised NDMC to submit a letter mentioning the new Ckt length with the details of location after the relocation of the grid referring the old agreement to BRPL. Further, OCC advised BRPL to expedite the process of energization of the Ckt of NDMC.

6. TPDDL Agenda:-Issue of non-availability of Power Block for 02 hours from Railways for dismantling of 33 KV O/H Conductor passing over railway track between Daya Basti & Shakur Basti Railway Station at KM/TP No. 7/27-30 to 22/6A-9.

As per Requirement of Railways, our 33 KV overhead network passing over railway track between Daya Basti & Shakur Basti Railway Station at KM/TP No. 7/27-30 to 22/6A-9 has been already converted in underground network across the railway lines in 2021.

As per process of Railways DD in F/O Sr. Divisional Finance Manager, DRMS Office, Northern Railway, New Delhi has been also deposited on dt 15/02/2022 vide as Traffic & Power Block Charges of 02 Hours for dismantling of 33 KV O/H conductor.

Since then TPDDL is continuously follow up with Railways for providing required outage so that this idle conductor may be dismantled, but power block has not been provided.

OCC is requested to deliberate the issue.

OCC Deliberation:- OCC showed the concern of non-representation of officials from Railway in the meeting even after the many reminders. OCC advised TPDDL to submit letter to the Railway that if power block is not provided by Railway then TPDDL shall dismantle the said Ckt through online mode. Further, TPDDL shall collect/assess the least traffic time in the area for the completion of work.

7. NHAI Agenda:-Request for shutdown of 220kV D/C Bawana to Kanjhawala transmission line, 220kV D/C Bawana to Shalimar Bagh transmission line & Kanjhawala-Najafgarh/Tikri Kalan transmission line of DTL.

NHAI request for shutdown of 220kV D/C Bawana to Kanjhawala transmission line, 220kV D/C Bawana to Shalimar Bagh transmission line & Kanjhawala-Najafgarh/Tikri Kalan transmission line of DTL as scheduled below:-

S. No	Name of Transmission line	Shutdown required	
		From	To
1.	220 kV Kanjhawala-Najafgarh/Tikri Kalan Ckt	01.03.23	12.03.23
2.	220 kV Bawana-Kanjhawala Ckt-I & II	13.03.23	20.03.23
3.	220 kV Bawana-Shalimar bagh Ckt-I & II	23.03.23	28.03.23

OCC Deliberation:- After detailed deliberation & including comments from NHAI, DTL, SLDC & concerned DISCOMs and considering the importance of ambitious project of Honourable Prime Minister, the OCC approved the above shutdown on real the time basis subjected to following conditions:-

- 1). NHAI shall ensure the availability of man & material to concerned O&M/DTL.
- 2). NHAI shall explore the possibilities to shorten the duration of the shutdown at Sr.No-1 & 2. For shutdown at Sr.No-3. 220kV Bawana-Shalimar bagh Ckt-I & II is approved from 24.03.2023 to 26.03.2023. OCC also directed TPDDL to revive the Narela-Bhalswa Ckt before this shutdown, so that the proposed shutdown by NHAI of 220kV Bawana-Shalimar Bagh Ckt-I & II can be availed.
- 3). O&M/DTL is also advised to plan their maintenance activities during the shutdowns.
- 4). One day prior intimation to the DISCOMs shall be provided.
- 5). The said work must be completed by March-2023 & no shutdown shall be allowed in the April-2023 considering the onset of summer season.

8. PPCL Agenda:-Scheduling of PPS-1 to avoid take or pay charges on RLNG gas.

After running of half module at GTPS, total RLNG quantity of 0.55 mmscm per day is available for running of units at PPS-1. As per long term RLNG contract with GAIL, accordingly the annual quantity comes to 200.75 MMSCM of RLNG and as per 90% take or pay clause of

Agreement with M/s GAIL , total 180.68 MMSCM of RLNG quantity is to be consumed on annual basis to avoid obligation of any take or pay charges.

In view of the above, following option may be considered / adopted to consume above quantity of RLNG gas to avoid any take or pay obligation.

1. PPS-1 may be allowed to run for 240 days on half module (150MW) in a year OR
2. PPS-1 may be allowed to run 92 days (May, June& July) with 265 MW and rest 70 days with half module (150MW) OR
3. PPS-1 may be allowed to run for approx 120 days at full load (300 MW)

OCC Deliberation:- After detailed deliberation, BRPL & BYPL opted the option at Sr.No-2 which state that “PPS-1 may be allowed to run 92 days (May, June& July) with 265 MW and rest 70 days with half module (150MW)”. TPDDL requested for some time to came up with an option. After incorporating the comments from PPCL, SLDC & DISCOMs, the OCC advised them to conduct a separate meeting in the Chairmanship of GM/SLDC for the final comments and MOM shall be shared with OCC.

9. PPCL Agenda:-Consent for participation of PPCL in Ancillary Services under CERC(Ancillary Services) Regulation, 2022.

All DISCOMs are requested to kindly give their consent to PPCL to participate in the Ancillary Services under CERC (Ancillary Services) Regulation, 2022 to optimize the URS power of PPS-1 and PPS-III for grid stability as generating stations of PPCL are not getting full schedule.

OCC Deliberation:- PPCL apprised OCC that already a meeting has been called at the level of Power Secretary. OCC advised PPCL to share the MOM.

10. PPCL Agenda:-Allowing Testing of STG to resolve problem of High Vibration.

STG of PPS-1 was successfully tested after changing of 2 stage steam turbine blades during the overhauling in last month, however, BHEL is on the job to resolve the problem of high vibration of Steam turbine Generator (STG) and after completion of work, PPS-1 will require again full load scheduling of STG (330 MW approx) for 72 hrs with some starts/stops of STG for balancing of the turbine rotor. The same may be allowed with UI suspension please. The date of testing shall be communicated to SLDC accordingly please.

OCC Deliberation:- PPCL apprised OCC that final testing of STG at full load is required for ensuring the availability & reliability of machine before the summer season. OCC acknowledged the testing procedure of PPCL after the on job work and advised PPCL to submit a schedule after the ensuring the availability of Engineers from OEM. OCC with the consent of DISCOMs suggested that idle time for the testing shall be in the second fortnight of March & if OEM available in this duration then shutdown may be availed.

11. 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 24.02.2023
1.	33KV TRAUMA CENTER TO AIIMS BAY NO-8	BRPL	04.02.23	Y PHASE FAULTY. Energized on 12.02.23.
2.	66KV MUNDKA TO NANGLOI	BRPL	02.02.23	R PHASE FAULTY. Expected by 15.03.2023.
3.	33KV PARK STREET TO FAIZ ROAD CKT-2	BYPL	22.01.23	Y PHASE SINGLE CABLE FAULTY. Energized on 13.02.23.
4.	33KV IP BAY-6 TILAK MARG	NDMC	15.01.23	ALL PHASE FAULTY. Expected by 15.03.2023.
5.	IP BAY- 2 (33KV NIRMAN BHAWAN)	NDMC	15.01.23	R PHASE FAULTY. Expected by 15.03.2023.
6.	400KV TIKRI KALAN-400/220KV 315MVA ICT-III	DTL	05.09.22	TX UNDER BREAKDOWN. Expected by 15.04.23.
7.	220KV PEERAGARHI-TIKRI KALAN CKT-I	DTL	05.09.22	CABLE UNDER B/D. Expected by 31.03.23.
8.	220KV R.K. PURAM-TUGHALAKABAD CKT-1	DTL	28.12.22	CABLE UNDER B/D. Work in Progress.
9.	220KV SUBZI MANDI:-100MVA -I	DTL	04.01.23	TX UNDER B/D. Expected by 30.04.23.
10.	220KV HARSH VIHAR - PREET VIHAR CKT-I	DTL	20.01.23	ISSUE IN B PHASE CT. Expected by 31.03.23.
11.	220KV MAHARANI BAGH TRAUMA CENTRE I & II	DTL	29.01.23	CABLE CAUGHT FIRE. Ckt-I energized on 20.02.23. Ckt-II is expected by 07.03.23.
12.	220KV MAHARANI BAGH - MASJID MOTH CKT-I& II	DTL	29.01.23	CABLE CAUGHT FIRE. Ckt-I energized on 13.02.23.
13.	220KV BAMNAULI-220KV DIAL CKT-II	DTL	31.01.23	CKT UNDER BREAKDOWN. Work in Progress.
14.	220KV PARKSTREET-220/66 100MVA TX.-II	DTL	31.01.23	UNDER OVERHAULING. Expected by 10.03.23

ADDITIONAL AGENDA

1. SLDC Agenda:-Mock trial of Black Start exercise of GTPS.

As per Indian Electricity Grid Code (IEGC) clause 5.8(b) "Detailed plans and procedures for restoration after partial/total blackout of each user's/STU/CTU system within a Region, will be

finalized by the concerned user's/STU/CTU in coordination with the RLDC. The procedure will be reviewed, confirmed and/or revised once every subsequent year. Mock trial runs of the procedure for different subsystems shall be carried out by the users/CTU/STU at least once every six months under intimation to the RLDC".

Mock Black-start exercise of power stations therefore needs to be carried out in-order to ensure healthiness of black start facility.

In view of above IPGCL representative may kindly be requested to provide the suitable date before 13th March 2023 for conducting Mock Trial of Black Start exercise of GTPS.

OCC Deliberation:- OCC advised GTPS & NDMC to share the schedule of Mock Trial with SLDC. OCC also directed SLDC to complete the Mock Trial before 13.03.2023.

2. SLDC Agenda:- Non usage of bay allocated to Discoms from DTL sub-Station

Sr. No.	Name of DTL S/Stn.	Name of the Bay	Name of the Discom to whom bay is allocated
1	220kV Trauma Center	33kV Jor bagh	NDMC
2	220kV Electric Lane	33kV Vidyut Bhawan	NDMC
3		33kV Janpath Lane	NDMC
4		33kV Church Lane	NDMC
5		33kV Delhi High Court	NDMC
6		33kV IGNCA	NDMC
7	400kV Mundka S/Stn.	66kV Bakkarwala Ckt. I&II	BRPL
8		66kV Kirari Ckt. I&II	TPDDL

The bays from these sub-stations have been allocated for more than last 11 years but these bays have not yet been connected with feeder by respective Discoms resulting in reduction in reliability of power supply and evenly distribution of load. NDMC, BRPL & TPDDL requested to update their status.

OCC Deliberation:- OCC advised NDMC, BRPL & TPDDL to submit a detailed status report with the future plan for the said unutilized bays.

3. SLDC Agenda:- Evacuation from 220/33kV Dev Nagar S/Stn of DTL

220/33kV Dev Nagar S/Stn was commissioned on 08.12.2022; however, no feeder has been connected by TPDDL and BYPL thus rendering the 220kV Dev Nagar S/Stn unutilized. Evacuation of power from 220kV Dev Nagar S/Stn will give relief to 220kV Park Street and 220kV Subzi Mandi S/Stn. which get over loaded during peak summer season. 16 and 08 nos of feeders Bays have been allocated to BYPL and TPDDL respectively as detailed here under:

S. No.	Name of the Station	Total no. of Bays
	BYPL	

1	Anand Parbat	2
2	Tibbia College	1
3	DMS	2
4	B.G.Road	1
5	Faiz Road	1
6	Motia Khan	1
7	Parsad Nagar	2
8	Shankar Road	1
9	Ganga Ram	1
10	Upcoming Dev Nagar	2
11	Upcoming New Aram Bagh	2
Total no of Bays allocated to BYPL		16
TPDDL		
1	Pusa	2
2	Gulabi Bagh	1
3	Shazda Bagh	2
4	Rama Road	1
5	Pandav Nagar	1
6	DCM	1
Total no of Bays allocated to TPDDL		8

BYPL and TPDDL requested to update their status for connecting their feeders from 220kV Dev Nagar S/Stn.

OCC Deliberation:- BYPL apprised OCC that bays from Anand Parbat & DMS shall be energized before May-2023 which shall relief the 220kV Park Street Sub-station by 60MW. BRPL submitted the detailed status report in the OCC (attached as Annexure-II). TPDDL also apprised OCC that LILO work on Shazda Bagh & Rama Road shall be completed by March-2023 which shall relief 220kV Subzi Mandi by 50MW. OCC advised TPDDL to share the detailed report with the future action plan. Further, OCC advised BYPL & TPDDL to expedite the processes.

4. SLDC Agenda:- Lightly loaded sub stations of DTL

There are 04 nos. of 400kV & 42 nos of 220kV S/Stns for maintaining reliable supply of power in Delhi Power System. Distribution licensees draws power from these stations mainly through 66kV & 33kV feeders. There are certain newly commissioned sub-stations where load during peak summer season has not gone more than 50% of installed capacity thereby loading on old sub-stations is high. The details of the lightly loaded sub-stations are as under:

S. No.	Name of Sub-station	Year of commissioning	Name of Discom	Installed capacity (MW)	Peak Load (MW)
1	220kV DIAL S/Stn.	2010	BRPL	272	62
2	220kV Ridge Valley S/Stn.	2010	BRPL	272	101
3	220kV Electric Lane S/Stn.	2012	NDMC	170	86

4	220kV Harsh Vihar S/Stn.	2014	BYPL	408	162
5	220kV R K Puram S/Stn.	2018	BRPL	442	131
6.	220kV Tuglakabad S/Stn.	2018	BRPL	272	126

In view of above Discoms are advised to load the above mentioned lightly S/Stations for better utilization of DTL S/Stns.

OCC Deliberation:- BRPL proposed in OCC to allot a feeder for ITPO from 220kV Electric Lane & this shall add the load in Electric Lane S/Stn. All the stakeholders were agreed on the proposal. OCC advised BRPL to initiate the process in the Streering Committee. Further, BRPL apprised OCC that one feeder is under proposal from BRPL S/Stn of Vasant Kunj B to 220kV RK Puram S/Stn. BYPL apprised OCC that the request of 4 new 66kV bays from Harsh Vihar S/Stn has been initiated. Further, OCC advised all stakeholders to explore solutions to take load on these under utilized S/Stns.

5. SLDC Agenda:- Arrangement of uninterrupted power supply for upcoming G-20 Summit and related events.

A letter has been received from the office of Special Secretary (Power), Delhi with regard to providing uninterrupted power supply for upcoming G-20 Summit and related events to be held in Delhi from 1st March 2023 to September 2023 wherein top leaders of the world , Business leaders, Media person etc would converge in Delhi during various events of G20 Summit 2023. Letter is enclosed as Annexure-I.

Distribution and Transmission companies are responsible to provide reliable power supply in NCT of Delhi. Accordingly DTL and all Distribution licensees operating in Delhi are requested to ensure reliable and stable power supply during the period i.e. 1ST March to September 2023. During this period long planned outages may be avoided to ensure reliable uninterrupted power supply in Delhi.

At present large numbers of transmission elements of Discoms and DTL are under long outages / breakdown. In order to provide reliable and stable power supply in Delhi during upcoming G-20 Summit and related events as well as for upcoming summer, these elements have to be revived. The details of elements of Discoms and DTL under long outages / breakdown are as under:

S. No	Name of Element	Outage Date	Outage Time	Owner	Remarks	Final Comments
1	66kV Papankalan-3-DMICDC RSSB-1 Ckt-1	07.02.23	23:59	BRPL	B Phase single cable faulty (Cable No. 1)	Expected by 15.03.2023.
2	66kV Papankalan-3-DMICDC RSSB-1 Ckt-1	12.02.23	00:33	BRPL	Y Phase single cable faulty (Cable No. 2)	Expected by 15.03.2023.
3	66kV Papankalan-3-DMICDC RSSB-2 Ckt-4	09.02.23	19:01	BRPL	R Phase single cable faulty	Expected by 15.03.2023.
4	66kV Papankalan-3 -DMICDC RSSB-1 Ckt-2	09.02.23	18:25	BRPL	Y Phase single cable faulty	Expected by 15.03.2023.
5	66kV Papankalan-3-	11.02.23	17:21	BRPL	R Phase single	Expected by

	DMICDC RSSB-1 Ckt-2				cable faulty	15.03.2023.
6	66kV Mundka-Nangloi Water Works Ckt.	14.02.23	14:40	BRPL	Y Phase single cable faulty	Energized on 20.02.2023.
7	66kV Gazipur –Vivek Vihar Ckt.	14.02.23	02:47	BYPL	B Phase single cable faulty	Energized on 19.02.2023.
8	33kV IP-Tilak Marg (Bay No. 6)	14.01.23	17:05	NDMC	All phase Cable faulty	Expected by 15.03.2023.
9	IP 33KV Nirman Vihar (Bay no. 2)	14.01.23	17:05	NDMC	R Phase faulty	Expected by 15.03.2023.
10	400/220kV 315MVA, ICT-3 at Tikrikalan	05.09.22	19:18	DTL	ICT breakdown occurred with 220kV Peeragarhi - Mundka ckt-I which tripped due to DMRC pilling work	Expected by 15.04.2023.
11	400/220kV 315 MVA ICT-1 at Bamnauli	03.03.22	11:15	DTL	ICT -1 shifted to Tikrikalan	Not required as load shall be managed by 2*500MVA & 1*315MVA ICT. Further, load is decreased at Bamnauli after the energization of Dwarka Sub-station.
12	220kV Lodhi Road - 33 kV Vidhut Bhawan, JLN Stadium feeders	29.11.21	22:45	DTL	Affected due to both 33kV Buses dead because of fire in 33kV GIS at 220kV Lodhi Road	Work in Progress.
13	66/11kV 20MVA Tx-II at Sarita Vihar	01.08.22	16:30	DTL	Trip on Bucholz relay	Expected by 31.03.2023.
14	220kV Mundka-Peeragarhi Ckt-1	05.09.22	19:18	DTL	Cable was damaged by DMRC during the pilling work near Peeragarhi Chowk	Expected by 31.03.2023.
15	220kV R.K.Puram-Tuglakabad Ckt-1	28.12.22	01:14	DTL	Cable was damaged by DMRC	Work in Progress.
16	220/33kV 100MVAPr. Tr.-I at Subzi Mandi	04.01.23	22:50	DTL	Differential ABC, HV REF, LV REF, 30A	Expected by 30.04.2023.

17	220kV Maharani Bagh - Trauma Centre Ckt-II	29.01.23	15:50	DTL	Cable damaged due to fire.	Expected by 07.03.2023.
18	220kV Maharani Bagh - Masjid Moth Ckt- II	29.01.23	15:50	DTL	Cable damaged due to fire.	Work in Progress.
19	220kV DIAL-Bamnauli Ckt-II	31.01.23	12:50	DTL	R Phase cable punctured by NHAI during digging work	Work in Progress.
20	220kV Park Street - 66kV DMRC Ckt.-I&II	19.10.21	10:28	DMRC	Shut down for six months for grid shifting work at DMRC end.	DMRC official was absent in the meeting.
21	220/66 kV 100MVA Pr Tr.-IV at Shalimar Bagh	09.06.22	11:25	DTL	Tr.-IV shifted to Naraina	Emergency Procurement initiated.
22	220kV Harsh Vihar - Preet Vihar Ckt-I	20.01.23	17:55	DTL	Abnormal sound in B phase CT at Harsh Vihar.	Expected by 31.03.2023.
23	220/66kV 100MVA Pr. Tr. -II at Parkstreet	31.01.23	12:30	DTL	Over hauling	Expected by 10.03.2023.
24	220/33kV 100MVA Pr. Tr. -I at 220kv Lodhi Road	08.02.23	16:38	DTL	Shutdown availed for replacement of old damaged GIS Panel to new GIS panel.	Work is under Progress for stsrem strengthening.
25	33/11kV 16MVA Pr. Tr. -III at 220kV Lodhi Road	08.02.23	16:32	DTL		
26	33/11kV 20MVA Pr. Tr. -I at 220kV Lodhi Road	08.02.23	16:30	DTL		
27	220/33kV 100MVA Pr. Tr. -I at Peeragarhi	29.01.23	23.14	DTL	Differential Prot operated, ABC, LV REF., Problem in 33kV I/C-I GIS Panel.	Expected by 31.03.2023.

In addition to above long outages / breakdown reported by Discoms / DTL, there may be some elements which are under outages and not reported to SLDC by Discoms may also be revived at the earliest and same should also be reported to SLDC on daily basis so that reliable and stable power supply in Delhi during upcoming G-20 Summit and related events as well as for upcoming summer.

OCC Deliberation:- All stakeholders submitted their comments with the OCC, same incorporated in the last column of the table.

6. SLDC Agenda Single source fed Sub-stations of Discoms

There are large numbers of S/Stns of Discoms which have Single source of power supply. In case of any disruption at main source, supply of Discoms single source sub station may adversely

affect the reliability of power supply in respective areas. The details of S/Stns of Discoms which have Single source of power supply is as under:

S. No	Name of the S/Stn.	Name of Discom	Remarks
1	66kV Shastri Park Central S/stn.	BYPL	220kV Parkstreet is the only source of supply.
2	33kV Faiz Road S/stn.	BYPL	220kV Parkstreet is the only source of supply.
3	33kV Anand Parvat S/Stn.	BYPL	66kV Shastri Park (C) is the only source of supply.
4	66kV Shastri Park S/stn.	BYPL	220kV Wazirabad is the only source of supply.
5	66kV Sonia Vihar S/stn.	BYPL	220kV Wazirabad is the only source of supply.
6	33kV Bhagirathi S/Stn.	BYPL	66kV Ghonda is the only source of supply.
7	33kV Mother Dairy S/stn.	BYPL	220kV Patparganj is the only source of supply.
8	33kV Scope Minar S/st.	BYPL	220kV Patparganj is the only source of supply.
9	33kV C-Block Krishna Nagar S/stn.	BYPL	220kV Geeta colony is the only source of supply.
10	66kV New Kondli	BYPL	66kV Kondli S/Stn is the only source of supply.
11	66kV Dallupura	BYPL	66kV Kondli S/Stn is the only source of supply.
12	66Kv Mayur Vihar Phase-2	BYPL	66kV Kondli S/Stn is the only source of supply.
13	66kV Narela Sub city S/stn.	TPDDL	220kV DSIDC Bawana is the only source of supply.
14	66kV RG-34 S/stn.	TPDDL	220kV Rohini-II is the only source of supply.
15	33kV Wazirabad S/stn.	TPDDL	220kV Gopalpur is the only source of supply.
16	66kV Aerocity S/stn.	BRPL	220kV DIAL is the only source of supply.
17	66kV CDOT S/stn.	BRPL	220kV Mehrauli is the only source of supply.
18	66kV Fetehpuri Beri S/Stn.	BRPL	220kV Mehrauli is the only source of supply.
19	66kV Jaffarpur S/stn	BRPL	220kV Najafgarh is the only source of supply.
20	66kV Hastal S/stn.	BRPL	220kV Papankalan-II is the only source of supply.
21	66kV G-4 Dwarka S/stn.	BRPL	220kV Papankalan-II is the only source of supply.
22	66kV Meethapur	BRPL	220kV Papankalan-II is the only source of

			supply.
23	66kV Sagarpur	BRPL	220kV Papankalan-I is the only source of supply.
24	33kV Kilokari S/stn. (Bay No. 1, 25 &37)	BRPL	220kV Indraprastha is the only source of supply.
25	66kV Mundka	BRPL	400kV Mundka is the only source of supply.

OCC Deliberation:- BYPL submitted the remarks in the OCC (attached as Annexure-II).
OCC advised BRPL & TPDDL to share a detailed report with the OCC.

ON TABLE AGENDA

1. NCRTC Agenda:- Request for the shutdown on 220kV D/C Maharani Bagh to Gazipur O/H transmission line for erection of steel span members between pier no.-277 & 278 of the elevated via-duct of Delhi-Meerut corridor at Kondli location.

NCRTC requested OCC to provide the shutdown for completion of Delhi-Meerur corridor at Kondli location as scheduled below:-

S.No	Element Name	Date	Duration	Work Done
1	220 kV Maharani bagh Gazipur Ckt-I	25.02.2023	08:30 hrs to 17:00 hrs	For erection of steel span members between pier no.-277 & 278 of the elevated via duct of Delhi-Meerut RRTS corridor at Kondli location
2	220 kV Maharani bagh Gazipur Ckt-I & II	27.02.2023	08:30 hrs to 17:00 hrs	
3	220 kV Maharani bagh Gazipur Ckt-I & II	28.02.2023	08:30 hrs to 17:00 hrs	
4	220 kV Maharani bagh Gazipur Ckt-I & II	01.03.2023	08:30 hrs to 17:00 hrs	
5	220 kV Maharani bagh Gazipur Ckt-I & II	02.03.2023	08:30 hrs to 17:00 hrs	
6	220 kV Maharani bagh Gazipur Ckt	03.03.2023	08:30 hrs to 17:00 hrs	
7	220 kV Maharani bagh Gazipur Ckt	04.03.2023	08:30 hrs to 17:00 hrs	
8	220 kV Maharani bagh Gazipur Ckt	05.03.2023	08:30 hrs to 17:00 hrs	
9	220 kV Maharani bagh Gazipur Ckt	06.03.2023	08:30 hrs to 17:00 hrs	
10	220 kV Maharani bagh Gazipur Ckt-I	07.03.2023	08:30 hrs to 17:00 hrs	
11	220 kV Maharani bagh Gazipur Ckt-I	08.03.2023	08:30 hrs to 17:00 hrs	
12	220 kV Maharani bagh Gazipur Ckt-I	09.03.2023	08:30 hrs to 17:00 hrs	
13	220 kV Maharani bagh Gazipur Ckt-I	10.03.2023	08:30 hrs to 17:00 hrs	

OCC Deliberation:- After detailed deliberation & including comments from NCRTC, DTL, SLDC & concerned DISCOMs, the OCC approved the above shutdown as proposed on real time basis subjected to following conditions:-

1. The shutdown shall be granted on real time basis keeping in view the system conditions prevailing at that time.
2. After getting clarification & approval of all necessary documents from DTL(Planning), NCRTC shall submit the same to DTL O&M department before availing the shutdown.
3. NCRTC shall also co-ordinate with communication department for their comments.

The meeting ended with thanks to the Chair.
