



## DELHI TRANSCO LIMITED

(A Govt. of NCT of Delhi Undertaking)

Office Of DGM(T)OS

1<sup>st</sup> Floor, 220 KV Sub-Stn Park Street Building,  
New Delhi-110001

No. F.DTL/201/2022-23/DGM(OS)/F4/116

Date: 16.02.2023

To,

**All Members of Operation Co-ordination Committee**

<b>DTL</b>	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)	
<b>SLDC</b>	ED (SLDC) DGM (SO)	
<b>TPDDL</b>	HOD (PSC&AM) Sr. Manager (PSC)	
<b>BRPL</b>	AVP (SO)	
<b>BYPL</b>	AVP (SO)	
<b>NDMC</b>	Superintending Engineer, E-1	
<b>IPGCL</b>	AGM (T) Opr. GTPS	
<b>PPCL</b>	AGM (T) Opr.PPS-I AGM (T) Opr. PPS-III	
<b>MES</b>	AEE/M.SLDC Officer	
<b>BBMB</b>	Sr. Executive Engineer, O&M	
<b>DMRC</b>	Addl. GM (Elect.) Sr.DGM (Traction)	
<b>GMR(DIAL)</b>	GM (DIAL)	Special Invitee
<b>N. Railways</b>	Sr. DEE (TRD)	Special Invitee

**Sub: Agenda for 11<sup>th</sup> Delhi OCC Meeting (2022-23) to be held on 24.02.2023 (Friday) at 11:00 A.M.**

The 11<sup>th</sup> Delhi OCC meeting (2022-23) is scheduled to be held on dt.- 24.02.2023, 11:00 A.M in the office of GM(O&M-I), Delhi Transco Limited, 220kV Sub-Stn Park Street, Opp. Talkatora Stadium, near RML Hospital, New Delhi-110001.

Members are hereby requested to make it convenient to attend the meeting.

Thanking You.

Sincerely yours,

*Pantosh*  
16/02/2023  
f DGM(T)OS, DTL

**DELHI TRANSCO LIMITED**

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

**AGENDA FOR DELHI OCC MEETING NO. 11/2022-23**

**Date** : **24.02.2023**  
**Time** : **11:00 AM**  
**Venue** : In O/o-GM(O&M)-I, Delhi Transco Ltd.,  
220 KV Sub-Stn Park Street Building,  
New Delhi-110001

**1. Confirmation of minutes of 10<sup>th</sup> Delhi OCC meeting (2022-23) held on dated 19.01.2023.**

The 10<sup>th</sup> 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](http://dtl.gov.in/content/344_1_OCC-Meeting2021.aspx)).

**DTL Agenda:-**

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

DTL proposed planned shutdowns for the month of March-2023 (Annexure-I).

**(OCC may deliberate)**

**3. 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 may deliberate)

**SLDC Agenda:-**

**4. 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**

Sl 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
<b>400kV Bawana S/S</b>					
1	220/66kV 100MVA Tx	100	17	5	3
<b>400kV Mundka S/S</b>					
2	220/66kV 160MVA Tx-II	160	17	5	3
3	220/66kV 160MVA Tx-III	160	17	5	3
<b>220kV Narela S/S</b>					
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
<b>220kV Rohini S/S</b>					
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
<b>220kV Patparganj S/S</b>					
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
<b>220kV Pragati S/S</b>					
16	220/66kV 160MVA Tx-I	160			1
17	220/66kV 160MVA Tx-II	160			1
<b>220kV Gazipur S/S</b>					
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
<b>220kV Wazirabad S/S</b>					
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
	<b>220kV Okhla S/S</b>				
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
	<b>220kV Sarita Vihar S/S</b>				
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
	<b>220kV Vasant Kunj S/S</b>				
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
	<b>220kV Najafgarh S/S</b>				
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
	<b>220kV Park Street S/S</b>				
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
	<b>220kV Kanjhawala S/S</b>				
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
	<b>220kV Pappankalan-II S/S</b>				
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
	<b>220kV Pappankalan-I S/S</b>				
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
	<b>220kV Mehrauli S/S</b>				
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
	<b>220kV Gopalpur S/S</b>				
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
	<b>220kV DSIIDC Bawana S/S</b>				
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
	<b>220kV DIAL S/S</b>				

65	220/66kV 160MVA Tx-I	160	17	4	3
66	220/66kV 160MVA Tx-II	160	17	4	3
	<b>220kV Ridge Valley S/S</b>				
67	220/66kV 160MVA Tx-I	160	17	3	3
68	220/66kV 160MVA Tx-II	160	17	3	3
	<b>220kV Rohini-II S/S</b>				
69	220/66kV 160MVA Tx-I	160	17	5	3
70	220/66kV 160MVA Tx-II	160	17	5	3
	<b>HARSH VIHAR 400kV S/S</b>				
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
	<b>220kV Subzi Mandi S/S</b>				
74	220/33kV 100MVA Tx-I	100	1-17	5	3
75	220/33kV 100MVA Tx-II	100	1-17	5	3
	<b>220kV Kashmiri Gate S/S</b>				
76	220/33kV 100MVA Tx-I	100	17	5	3
77	220/33kV 100MVA Tx-II	100	17	5	3
	<b>220kV Lodhi Road S/S</b>				
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
	<b>220kV Naraina S/S</b>				
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
	<b>220kV Geeta Colony S/S</b>				
84	220/33kV 100MVA Tx-I	100	17	5	3
85	220/33kV 100MVA Tx-II	100	17	5	3
	<b>220kV Shalimarbagh S/S</b>				
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
	<b>220kV I.P. S/S</b>				
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
	<b>220kV Masjid Moth S/S</b>				
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
	<b>220kV Trauma Center S/S</b>				
95	220/33kV 100MVA Tx-I	100	1-17	5	3
96	220/33kV 100MVA Tx-II	100	1-17	5	3
	<b>220kV Electric Lane S/S</b>				
97	220/33kV 100MVA Tx-I	100	1-17	5	S/D
98	220/33kV 100MVA Tx-II	100	1-17	5	3
	<b>220kV Wazirpur S/S</b>				
99	220/33kV 100MVA Tx-I	100	1-17	5	3
100	220/33kV 100MVA Tx-II	100	1-17	5	3
	<b>220kV Peeragarhi S/S</b>				
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

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

In 7<sup>th</sup>, 8<sup>th</sup> 9<sup>th</sup> & 10<sup>th</sup> 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 may deliberate)**

### **NDMC Agenda:-**

#### **5. 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 2<sup>nd</sup> 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 may deliberate)

**TPDDL Agenda:-**

**6. 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 may deliberate)

**NHAI Agenda:-**

**7. 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 may deliberate)

**PPCL Agenda:-**

**8. 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 may deliberate)**

**9. 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 may deliberate)**

**10. 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 may deliberate)**

**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 09.02.2023
1.	33KV TRAUMA CENTER TO AIIMS BAY NO-8	BRPL	04.02.23	Y PHASE FAULTY
2.	66KV MUNDKA TO NANGLOI	BRPL	02.02.23	R PHASE FAULTY

S. no.	Element's Name	Utility	Date of outage	Status of outage as on 09.02.2023
3.	33KV PARK STREET TO FAIZ ROAD CKT-2	BYPL	22.01.23	Y PHASE SINGLE CABLE FAULTY
4.	33KV IP BAY-6 TILAK MARG	NDMC	15.01.23	ALL PHASE FAULTY
5.	IP BAY- 2 (33KV NIRMAN BHAWAN)	NDMC	15.01.23	R PHASE FAULTY
6.	400KV TIKRI KALAN-400/220KV 315MVA ICT-III	DTL	05.09.22	TX UNDER BREAKDOWN.
7.	220KV PEERAGARHI-TIKRI KALAN CKT-I	DTL	05.09.22	CABLE UNDER B/D.
8.	220KV R.K. PURAM-TUGHALAKABAD CKT-1	DTL	28.12.22	CABLE UNDER B/D.
9.	220KV SUBZI MANDI:-100MVA -I	DTL	04.01.23	TX UNDER B/D.
10.	220KV HARSH VIHAR - PREET VIHAR CKT-I	DTL	20.01.23	ISSUE IN B PHASE CT.
11.	220KV MAHARANI BAGH TRAUMA CENTRE I & II	DTL	29.01.23	CABLE CAUGHT FIRE.
12.	220KV MAHARANI BAGH - MASJID MOTH CKT-I& II	DTL	29.01.23	CABLE CAUGHT FIRE.
13.	220KV BAMNAULI-220KV DIAL CKT-II	DTL	31.01.23	CKT UNDER BREAKDOWN.
14.	220KV PARKSTREET-220/66 100MVA TX.-II	DTL	31.01.23	UNDER OVERHAULING.

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