



No. F.DTL/2019-20/Mgr.(OS)-II/02

Date:22.04.2019

To,

All Members of Operation Co-ordination committee

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 (Plg.)	
SLDC	ED (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.)	
GMR(DIAL)	GM(DIAL)	Special Invitee
N. Railways	Sr. DEE (TRD)	Special Invitee

Sub: Agenda for 1st (2019-20) Delhi OCC Meeting to be held on 26.04.2019 (Friday) at 2:30 P.M.

Dear sir/madam,

The 1st (2019-20) Delhi OCC meeting is scheduled to be held on dt.- **26.04.2019 (Friday), 2:30 P.M.** in the office of **GM(O&M)-II, Delhi Transco Ltd., 220kV Sub-Stn Park Street, Opp. Talkatora Stadium, Near R.M.L. Hospital, New Delhi-110001**

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

Thanking You.

Yours Sincerely,

sd/-

(Shankar Kumar)
Mgr.(T) OS-II,DTL

DELHI TRANSCO LIMITED

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

AGENDA FOR DELHI OCC MEETING NO. 01/2019-20

Date : 26.04.2019
Time : 2:30 PM
**Venue : O/o-GM(O&M)-II, Delhi Transco Ltd.,
220 kV Sub-Stn Park Street,
Opp. Talkatora Stadium, Near R.M.L. Hospital,
New Delhi-110001**

1. Confirmation of minutes of 12th (2018-19) Delhi OCC meeting held on dated 28.03.2019.

The 12th (2018-19) Delhi OCC meeting was held on 28.03.2019 in accordance with the agenda circulated vide letter dt: 25.03.2019. Minutes of the aforesaid OCC meeting were issued vide letter dt.05.04.2019. The same was also uploaded on DTL website.

Members may like to confirm the same.

2. DTL AGENDA:

2.1 Power evacuation plan for newly commissioned/to be commissioned DTL substations and overloading of Transmission elements during the upcoming summer season.

Discoms were requested to submit the schedule for evacuation plan for upcoming summer season for newly commissioned/to be commissioned grids, i.e. R.K. Puram, Tughlakabad, Pappankalan-III and Preet Vihar for load optimization on DTL network.

The following was updated by respective Discom representatives in the previous OCC meeting: -

(a) BRPL informed that 66 kV Okhla & Mohan co-operative Industrial Area at 220kV Tughlakabad substation is expected to be operational in June-2019. However, OCC requested to expedite for its energization by May 2019. It will provide load relief to Okhla and Mehrauli Substation which are already overloaded.

DTL pointed out that Tughlakabad Substation was energized on 05.10.2018. But despite of regular persuasions, energization of the above feeders are getting delayed which may result into overloading at Okhla and Mehrauli Substation.

BRPL requested for early revival of 100 MVA Tr. at Okhla. DTL informed that the repairing of transformer is already under process. Till that time load of Mohan co-operative Industrial Area be taken from Sarita Vihar Substation.

(b) BRPL informed that the work of 66 kV Vasant Kunj B-Block ckt at 220 kV RK Puram substation is under progress and is expected to be functional by April-2019.

DTL pointed out that R.K. Puram Substation was energized in the month of May 2018. However, the energization of the above feeder got delayed which may result into overloading at Vasant Kunj Substation.

(c) BRPL informed that the work of 66 kV G-2 ckt at 220 kV PPK-III substation has been started & is expected to be operational by 15th May-2019. However, OCC requested to expedite for its energization by the end of April 2019.

DTL pointed out that 220 kV PPK-III Substation was energized in Dec 2017. However, the energization of the above feeder got delayed which might give load relief to PPK-I/II substation.

(d) BYPL informed that 02 nos. 33 kV Dwarkapuri feeders at Preet Vihar will become operational by Dec-2019.

OCC advised planning deptt. DTL to take up the matter with Discoms in steering committee meeting to optimize the load at subjected under-loaded sub-stations in line with above. Discoms to put all out efforts for optimum loading at the new substation against their capacity in order to provide load relief to the over loaded Transformers & substations.

DTL further requested BRPL to draw max. load on 66 kV Batra & 66 kV Malviya Nagar feeders emanating from Tughlakabad substation to ease the load condition at 220 kV Okhla & Mehrauli substations.

OCC requested all DISCOMs to expedite for early completion of all pending projects to provide load relief at over loaded substation such as 220 kV Okhla, Mehrauli, PPK-I, Najafgarh, Kanjhawala, Rohini-I, Shalimarbagh, & Park Street etc.

OCC also informed that the issue for load relief to 220 kV overloaded substations & Transformers has been discussed several times in previous OCC meetings. DISCOMs were requested to complete their pending projects well in time before summer season in order to avoid load shedding.

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

(DISCOMs may please update the status)

2.2 Proposed planned shutdowns of O&M, DTL for the month of May 2019.

DTL O&M deptt. has proposed the planned shutdowns for the month of May-2019.

OCC may deliberate.

3. SLDC Agenda

3.1 High Voltage Operation of the Grid during Winter nights.

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

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

e. Absorption of reactive power by generating units.

Inspite of taking all out efforts mentioned above, there was hardly any change in the status. Delhi has to pay heavy amount to NRPC reactive pool account due to injection of reactive power particularly during high voltage conditions in winter months. Penalty amount increases with the progress of winter despite taking all possible steps to reduce reactive power injection during high voltage period. The details of NRPC reactive account bill from March 2018 onwards are as under:

Week No.	Week	Payable by Delhi (in Lakhs)	Receivable by Delhi (in Lakhs)
1	26th March to 01st April, 2018	23.38106	
2	02nd to 08th April, 2018	4.00526	
3	09th to 15th April, 2018		0.42442
4	16th to 22nd April, 2018	4.9357	
5	23rd to 29th April, 2018	4.27266	
6	30th April to 06th May, 2018	0.5019	
7	07th to 13th May, 2018	8.1305	
8	14th to 20th May, 2018	2.35494	
9	21 st to 27th May, 2018	0.94808	
10	28th May to 03rd June, 2018		0.7664
11	04th to 10th June, 2018		0.54549
12	11th to 17th June, 2018		0.62646
13	18th to 24th June, 2018		0.1326
14	25th June to 01 st July, 2018		0.95092
15	02nd to 08th July, 2018		1.36213
16	09th to 15th July, 2018		1.22088
17	16th to 22nd July, 2018		0.91089
18	23,rd to 29th July, 2018.		1.19315
19	30th July to 05th August, 2018.		2.10464
20	06th August to 12th August, 2018,		0.69601
21	13th to 19th August, 2018.		0.07342
22	20th to 26th August, 2018.		0.51055
23	27th August to 02nd	0.47138	

	September,2018		
24	03rd to 09th September, 2018.	1.65998	
25	10th to 16th September, 2018.	1.38278	
26	17th to 23th September, 2018.		1.2998
27	24'h to 30th September, 2018		0.02028
28	01 st to 7th October, 2018		0.11568
29	08th to 14th October, 2018.		0.33282
30	15th to 21 st October, 2018.	5.1093	
31	22nd to 28th October, 2018.	10.22182	
32	29th October to 04th November	7.60634	
33	05th November to 11 November	44.88414	
34	12th to 18th November, 2018	28.6405	
35	19th to 25th November, 2018.	27.69186	
36	26th November to 02nd December,2018	12.3564	
37	03rd to 09th December, 2018	19.96652	
38	10th to 16th December, 2018.	22.89784	
39	17th to 23rd December, 2018	11.95656	
40	24th to 30th December, 2018.	28.6545	
41	31 st December 2018 to 06thJanuary, 2019.	27.32492	
42	07th to 13th January, 2019.	21.40208	
43	14th to 20th January, 2019.	27.52274	
44	21 st to 2th January, 2019	34.74212	
45	28th January to 03rd February, 2019.	30.0699	
46	04th to 10th February, 2019	31.0709	
47	11th to 17th February, 2019.	34.82836	
48	18th to 24th February, 2019	36.92654	
49	25th February to 03rd March, 2019	43.63436	
	Total =	559.55194	13.28654

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

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

It was informed by Planning Department that out of 450 MVAR, scheme for 400 MVAR reactors have been prepared.

DMRC representative informed that the tender for installation of reactors have been floated at Jahangirpuri and Mukundpur on pilot project basis.

(OCC may deliberate)

3.2 Providing source of power supply and its alternate source for important establishments

All the Discoms/deemed Licenses were requested to provide the source of power supply and alternate supply arrangements of all important establishments (ex. important building, hospitals or any other essential services).

S. no	Name of establishment	Details of main source of supply	Details of Alternate power supply

(Discoms may update the status)

3.3 Correction in Nomenclature of 33/66kV feeders from 220kV DTL Sub Stations.

The matter was deliberated in the previous OCC meeting that request for any change in the nomenclature of DISCOMs 66 kV/33 kV/11 kV O/G feeders have to submitted by the concerned DISCOM in the office of GM(Planning)DTL, Jhandewalan in the desired format

with all necessary supporting documents as agreed in the 3rd steering committee meeting (2018-19) held in the office of GM(Planning), DTL, Jhandewalan on dt. 06.12.2018.

The updation in nomenclature will be communicated to the concerned DISCOM by GM(Planning) office.

(Discoms may update the status)

3.4 Implementation of Automatic Demand Management schemes by DISCOMs

Refer S.No. 2.2 of 20th GCC MoM wherein NDMC had informed that their software for ADMS has been upgraded and under testing and work is linked with the IPDS project, for which efforts shall be made to complete at the earliest.

The matter was deliberated in the previous OCC meeting, wherein NDMC informed that the work will be completed by Sep-19.

(NDMC may update the status)

3.5 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 analyse the requirements for sustaining local island at GT station.

The matter was deliberated in the previous OCC meeting 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. Hitesh Kumar, DGM(OS), DTL

(iii) Sh. B.L. Gujar, DGM(Prot.), DTL

(iv) Sh. Deepak Kumar, AM(T)-Pragati, DTL

The necessary items for execution of the above work will be provided by DTL.

(DTL may update the status)

3.5 Data of loadings in the Nangloi/Mangolpuri area

The T-off portion of 66kV Mundka-Mangolpuri ckt is under outage since a long period. This circuit if revived can be of great help to relief the overloaded Najafgarh station of DTL by providing feed to Nangloi grid of BRPL. This issue has been regularly raised with both BRPL and TPDDL officials. In this regard data related to loading condition of nearby circuits was requested by SLDC from both BRPL and TPDDL.

During the previous OCC meeting, It was agreed that BRPL will take total 30 MW load from either Mundka to Nangloi T-Off or from TPDDL. BRPL needs to ensure that there is no tripping of Mundka to Nangloi T-Off Ckt. due to overloading and they must restrict their load to 30 MW.

It was further informed by BRPL that the work order for restoration of 66 kV Mundka-Nangloickt. has been awarded and it will take approx. 8 months for revamping.

(BRPL and TPDDL may update the status)

4. 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 22.04.2019
1.	33kV BAY -3 (IP – KILOKARI)	BRPL	15.04.2019	CABLE FAULTY UPTO GT DP.
2.	33kV ALAKHNANDA - OKHLA CKT.-I	BRPL	19.04.2018	BREAKER PROBLEM.
3.	33kV BUS COUPLER AT TUGLAKABAD	BRPL	05.12.2018	'R' PH. CLAMP BLAST. BREAKER BY PASSED.
4.	33kV BUS COUPLER AT SARAI JULIENA	BRPL	02.01.2019	LIMB BLAST (BREAKER FAULTY)
5.	66kV MUNDKA - NANGLOI CKT	BRPL	03.02.2019	'Y' PH. CABLE FAULTY
6.	66kV PASCHIM VIHAR - GGSH CKT.-I	BRPL	16.04.2019	UNDER BREAK DOWN
7.	66kV PASCHIM VIHAR - GGSH CKT.-II	BRPL	16.04.2019	UNDER BREAK DOWN
8.	220kV PPK -II - G-5 MATIALA CKT.-II	BRPL	21.04.2019	'R' PH. CABLE FAULTY
9.	11kV I/C-II AT A-4 PASCHIM VIHAR	BRPL	21.04.2019	UNDER BREAK DOWN
10.	66kV GAZIPUR - PATPARGANJ INDL. AREA CKT-I	BYPL	20.04.2019	'B'PH. CABLE FAULTY
11.	66kV PATPARGANJ INDL. AREA - VIVEK VIHAR CKT.	BYPL	20.04.2019	'Y'PH. CABLE FAULTY
12.	66kV ROHINI-28 - ROHINI -6 CKT.-II	TPDDL	03.12.2018	CABLE FAULTY
13.	. 33kV TRAUMA CENTRE - AIIMS CKT.-I	NDMC	11.04.2019	'Y' & 'B'PH. CABLE FAULTY
14.	33kV NARAINA - 33kV SHEKHAVATI CKT.-I	MES	17.04.2019	TRIPPED ON E/F
15.	220/66kV 160MVA PR.TR.-III AT 220kV VASANT KUNJ	DTL	26.04.2018	TRANSFORMER BURNT DUE TO FIRE. TO BE REPLACED.
16.	33kV BUS COUPLER AT KASHMERE GATE	DTL		TRIPPING COIL PROBLEM.
17.	220/33kV 100MVA PR. TR.-I AT 220kV RPH STN.	DTL	03.09.2018	TRIPPED ON BUCHOLZ AND DIFFERENTIAL RELAY. PR. TR FAILED.
18.	220/66kV 100MVA PR. TR.-I AT 220kV OKHLA STN.	DTL	27.09.2018	'Y' PH. WINDING DAMAGED. PR. TR FAILED.
19.	PATPARGANJ - 220/33kV 100MVA PR.TR.-I	DTL	10.01.2019	TR. DAMAGED. TO BE REPLACED.

Agenda for 1st (2019-20) Delhi OCC meeting dt.-26.04.2019

20.	220/33kV 100MVA TR.-II AT RPH STN. & RPH-IP CKT.-II	DTL	21.02.2019	DISMANTLING OF TR. IS IN PROGRESS AND BEING REPLACED WITH TR.-II AT GAZIPUR.
21.	GAZIPUR:- 220/66/33kV 100MVA PR. TR.-II	DTL	22.03.2019	TRANSFORMER DISMANTLED AND SHIFTED TO RPH FOR TR.-II
22.	220kV MEHRAULI - 220kV BUS COUPLER	DTL	18.04.2019	PROBLEM IN CKT. BREAKER WIRING
23.	220kV BTPS - OKHLA CKT.-I AT OKHLA END	DTL	20.04.2019	CT BLAST & 'B' PH. JUMPER OF CT SNAPPED OF BTPS CKT.-I AT OKHLA END.
24.	VASANT KUNJ-20MVA PR.TR.-I	DTL	03.04.2019	SHUT DOWN FOR OVERHAULING OF PR.TR..
25.	SHALIMARBAGH : 100MVA PR.TR.-III	DTL	09.04.2019	SHUT DOWN FOR SHIFTING OF TR. TO SPARE BAY (BAY-9) FOR TEMPORARILY CHARGING ON 33KV SIDE.
26.	220kV MEHRAULI - DIAL CKT.-I	DTL	22.04.2019	SHUT DOWN FOR HTLS RECONDUCTORING WORK.
27.	220KV BTPS - NOIDA - GAZIPUR CKT.	UPPTCL	22.04.2019	SHUT DOWN AVAILED BY UPPCL FOR 10 DAYS FOR LILO WORK AT NOIDA SEC-20.
