

	<p style="text-align: center;">DELHI TRANSCO LIMITED (A Govt. of NCT of Delhi Undertaking) An ISO 9001:2008 certified company Office of DGM(T) OS, Convener-OCC 1st Floor, 220 kV Sub-Stn Park Street, Opp. Talkatora Stadium, Near R.M.L. Hospital, New Delhi-110001 Web:-www.dtl.gov.in, E-mail :- dgm.os@dtl.gov.in</p>
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No. F.DTL/831/F.4/2017-18/DGM (OS)/90

Date:-26.02.2018

To,
All Members of Operation Co-ordination committee

DTL	General Manager (O&M)-I, Chairman OCC General Manager (O&M)-II General Manager (Planning) General Manager (P/M & DM) DGM (O&M) - North, East, West, South DGM (M/P) DGM (Plg.)	Fax no. 011-23366160 Fax No.011-23622707
SLDC	ED (SLDC) DGM (SO)	Fax no. 011-23221069 Fax no. 011-23221059/12,
TPDDL	DGM	Fax no. 011-66050602
BRPL	Vice President (SO) Asstt. Vice President	Fax no. 011-39996549 Fax no. 011-39996549
BYPL	Asstt. Vice President (SO)	Fax no. 011-39996549
NDMC	Executive Engineer (M/F)	Fax no. 011-23235754
IPGCL	AGM (T) COS AGM (T) Opr. GTPS	Fax no. 011-23284797 Fax no. 011-23370884
PPCL	DGM (T) Opr. PPS-I DGM (T) Opr. PPS-III	Fax no. 011-23378947 Fax no. 011-27791175
MES	AEE/M.SLDC Officer	
BTPS	AGM (EEMG)	Fax no. 011-26944348
BBMB	Sr. Executive Engineer, O&M	Fax no. 011-28315542
DMRC	Addl. GM (Elect.) General Manager (Elect.)	Special Invitee Special Invitee
GMR(DIAL)	GM(DIAL)	Special Invitee
N. Railways	Sr. DEE (TRD)	Special Invitee
EDWPCL	Director(EDWPCL)	Special Invitee
Delhi MSWSL	Station Incharge	Special Invitee

Sub :- MOM of Delhi OCC Meeting (11/17-18) held on 21.02.2018 at DTL, 220kV Sub-stn Park Street Building.

Dear sir/madam,

Delhi OCC meeting (No.-11/17-18) for Feb-2018 was held on **21.02.2018** in O/o :- **GM(O&M)-I, Delhi Transco Ltd., 220kV Sub-stn Park Street Building, Opp. Talkatora Stadium, Near R.M.L. Hospital, New Delhi-110001.**

The minutes of meeting is enclosed herewith for your kind perusal and further necessary action please. The same has also been uploaded on DTL website, www.dtl.gov.in under the Tab "News and Information – OCC Meeting".

Thanking You.

Yours Sincerely,
sd/-
(Hitesh Kumar)
DGM(OS),DTL
Convener-OCC

Copy for favour of kind information to:

1. Member Secretary, NRPC, 18-A, SJS Marg, Katwaria Sarai, New Delhi-110016.
2. Secretary, DERC, Viniyamak Bhawan, C-Block, Shivalik, New Delhi-17.
3. Chairperson & Managing Director, DTL.
4. Director (Operations), DTL
5. General Manager (Project)-I, DTL
6. General Manager (Project)-II, DTL

**DGM(OS),DTL
Convener-OCC**

DELHI TRANSCO LIMITED

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

MOM OF DELHI OCC MEETING HELD ON 21.02.2018

GM (O&M)-I, DTL, Chairman-OCC welcomed the members of OCC. Representatives of Dicom, Gencos, DTL, SLDC, DMRC, PGCIL etc. attended the meeting. The meeting was started with the presentation on review of grid operation for Jan 2018. It was informed that Delhi peak demand of 4464 MW for Jan-2018 was met on 05.01.2018 at 09:56:11 hrs. Discom wise load as well as generation within Delhi during the peak and load curve for all the Discoms during the Jan month was depicted. Planning of Grid operation for March 2018 was also discussed, wherein it was explained that the anticipated peak demand for March 2018 would be around 3900 MW.

The point-wise deliberations made during the OCC meeting are as under:

1. Confirmation of minutes of previous Delhi OCC meeting held on dated 22.01.2018.

The previous Delhi OCC meeting was held on 22.01.2018 in accordance with the agenda circulated vide letter dt: 15.01.2018. Minutes of the aforesaid OCC meeting were issued vide letter dt.02.02.2018. The same was also uploaded on DTL website.

No comments have been received from any of the OCC participating members regarding the contents of MOM. As such the minutes of Delhi OCC meeting held on dated 22.01.2018 were confirmed. Members confirmed the receipt of MOM on their respective e-mail ids.

2. DTL AGENDA POINTS:

2.1 Status of Hot Reserve of transformers at all levels.

The status of hot reserve of transformers were discussed as under:-

S.No.	Transformation Capacity	Population in no.	Hot Reserve (No.) Decided	Present Status
1.	400/220kV, 500MVA ICT	2	1x500MVA	One 400/220kV 500MVA transformer would be installed as hot reserve by the year 2019-20 and would be placed at Bamnauli. In case of damage of 315MVA in future, the same would be replaced with 500MVA. OCC advised that the scheme be prepared by the end of April 2018 and proposal be sent to C&MM deptt. after obtaining the required approval.
2.	400/220kV, 315MVA ICT	14		
3.	220/66kV, 160MVA	22	2x160MVA +1x100 MVA	One 160MVA transformer would be kept as hot reserve and placed at Mundka and the 2nd 160MVA Hot reserve 220/66kV transformer would be kept at Rohini-2. Both the transformers should be provided by 2019-20. OCC advised that the status of preparation of scheme be updated.
4.	220/66kV, 100MVA	42		

				<p>The 220/66kV, 100MVA transformer damaged at Papankalan-I after its repair would also be treated as hot reserve and would be kept at Papankalan-I.</p> <p>DTL O&M deptt. informed that the case of repair of 220/66kV, 100MVA transformer which was damaged at Papankalan-I is under litigation. As such, OCC advised a separate scheme be prepared by Plg. Deptt.</p>																												
5	220/33kV, 100MVA	37	2	<p>One 220/33kV, 100MVA transformer which has already been decided as hot reserve and proposed at Patparganj. Eventually, the transformer is required to be shifted to Naraina due to the failure of 100MVA at 220kV Naraina. Therefore, the new hot reserve is required at 220kV Patparganj. The other Hot Reserve Transformer would be placed at Kashmere Gate. These transformers would be provided by 2019-20. OCC advised that the status of preparation of scheme be updated.</p>																												
6	66/11kV 20MVA	24	NIL	<p>Steering Committee in its meeting held on 15.03.2017 has decided that in case of exigency, the Discoms may provide these transformer on returnable basis.</p> <p>As per the decision taken in the Steering Committee Meeting held on 30.10.17 the transformer augmentation has been planned as under:</p> <table border="1"> <thead> <tr> <th>S . N</th> <th>Sub Station</th> <th>Details of existing Tx.</th> <th>Augmentation Plan</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1</td> <td>Lodhi Road</td> <td>2 no 33/11k V 20MVA</td> <td>2 no 33/11kV 25MVA</td> <td rowspan="2">2018-19</td> </tr> <tr> <td>Lodhi Road</td> <td>2 no 33/11k V 16MVA</td> <td>2 no 33/11kV 25MVA</td> </tr> <tr> <td>2</td> <td>Najafgarh</td> <td>2 no 66/11k V 20MVA</td> <td>2 no 33/11kV 31.5MV A</td> <td>2019-20</td> </tr> <tr> <td>3</td> <td>Okhla</td> <td>2 no 66/11k V 20MVA</td> <td>2 no 66/11kV 31.5MV A</td> <td>2019-20</td> </tr> <tr> <td>4</td> <td>Sarita Vihar</td> <td>2 no 66/11k V 20MVA</td> <td>2 no 66/11kV 31.5MV A</td> <td>2019-20</td> </tr> </tbody> </table>	S . N	Sub Station	Details of existing Tx.	Augmentation Plan	Year	1	Lodhi Road	2 no 33/11k V 20MVA	2 no 33/11kV 25MVA	2018-19	Lodhi Road	2 no 33/11k V 16MVA	2 no 33/11kV 25MVA	2	Najafgarh	2 no 66/11k V 20MVA	2 no 33/11kV 31.5MV A	2019-20	3	Okhla	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2019-20	4	Sarita Vihar	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2019-20
S . N	Sub Station	Details of existing Tx.			Augmentation Plan	Year																										
1	Lodhi Road	2 no 33/11k V 20MVA	2 no 33/11kV 25MVA	2018-19																												
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3	Okhla	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2019-20																												
4	Sarita Vihar	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2019-20																												
7	33/11kV 16MVA	16																														

			5	Pappan kalan-I	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2020-21	
			6	Mehrauli	2 no 66/11k V 20MVA	2 no 66/11kV 31.5MV A	2021-22	
OCC advised that the status of preparation of scheme be updated.								

Note: Further, it was also noted that the O&M Department of DTL has proposed for replacement of outlived transformers at various locations as per the details given below:

1. Augmentation of 100MVA, 220/66kV Transformer with 160MVA, 220/66kV Transformer:

S. No.	Transformer Details	Qty.	Reason
1.	100MVA Transformer at 220kV S/Stn. Sarita Vihar	1 No.	Outlived
2.	100MVA Transformer at 220kV S/Stn. Narela	1 No.	Outlived
3.	100MVA Transformer at 220kV S/Stn. Najafgarh	2 No.	Outlived
4.	100MVA Transformer at 220kV S/Stn. Okhla	2 No.	Outlived
5.	100MVA Transformer at 220kV S/Stn. Mehrauli	1 No.	Outlived
6.	100MVA Transformer at 220kV S/Stn. Patparganj	2 No.	Outlived
7.	100MVA Transformer at 220kV S/Stn. Mehrauli commissioned in 1984	1 No.	Outlived
8.	100MVA Transformer at 220kV S/Stn. Rohini-I commissioned in 1993	1 No.	Approaching end of useful life of 25 years.
Total		11 Nos.	

2. Replacement of 100MVA, 220/33kV Transformers:

Sr. No.	Transformer Details	Qty.	Reason
1.	100MVA Transformer at 220kV S/Stn. Rajghat commissioned in 1986	1 No.	Outlived
2.	100MVA Transformer at 220kV S/Stn. Subzi Mandi commissioned in 1992	1 No.	Outlived
3.	100MVA Transformer at 220kV S/Stn. Lodhi Road commissioned in 1994	1 No.	Approaching end of useful life of 25 years (damaged)
4.	100MVA Transformer at 220kV S/Stn. Shalimar Bagh commissioned in 1989	1 No.	Outlived
Total		4 Nos.	

However, the Steering Committee has noted the proposals incorporated in Business Plan of DTL for the period 2017-22 as under:

Augmentation of 100MVA, 220/66kV Transformer with 160MVA as per Business Plan

Sr. No.	Name of the Sub Station	Qty. (No.)	Year	Scheme status as on date
1.	Sarita Vihar	1	2018-19	Under tendering stage
2.	Narela	1	2018-19	Under Preparation
3.	Najafgarh	2	2018-19	Under tendering stage
4.	Okhla	1	2018-19	Under Preparation
5.	Mehrauli	1	2019-20	To be prepared
6.	Patparganj	2	2019-20	To be prepared
	Total	8		

(Action by DTL Planning Deptt.)

2.2 Status of Supply of 3 nos. 100 MVA, 220/33kV BHEL make Transformers against MOU-II project.

Three nos. 220/33kV, 100 MVA BHEL make Transformers are to be supplied against MOU-II project. The first 100 MVA Transformer has reached the Naraina site.

Schedule of delivery of second and third transformer be apprised.

During the previous OCC meeting, it was advised that DTL Plg. Deptt. should follow up for the earliest delivery of transformers and to apprise OCC regarding latest status of supply and erection of these transformers in next OCC meeting.

It was apprised that the first 100 MVA Transformer has reached the Naraina site. The second 100 MVA Transformer will be delivered at Lodhi Road Sub-stn in march month. The third 100 MVA Transformer will be delivered at Preet Vihar Sub-stn in march month. OCC advised to expedite for supply/erection of transformers at site.

(Action by DTL Planning/O&M Deptt.)

2.3 Status of Procurement of O&M min. inventory/spares/services as well as equipments to be procured against PSDF schemes.

The following was deliberated in the previous OCC meeting:-

1. Representative of DTL C&MM deptt. informed that w.r.t procurement of hot reserve transformer, one such request has been received in the C&MM department on 21.12.2017 for transformer package including one no. hot reserve 160 MVA transformer for Kanjhawala. The order for 9 nos. Transformer is expected to be placed in the month of May 2018 and its procurement will be in the month of Oct/Nov 2018 (i.e after 06 month after date of order)

2. Representative of DTL C&MM deptt. further informed that PR w.r.t availability of minimum inventory in Material Management Department is pending with finance department. **OCC advised that the matter be taken up at priority level and express procurement be initiated for procurement of min. inventory/spares to meet the summer demand requirement.**

3. The status of PSDF was updated. OCC directed that the procurement/execution against PSDF scheme is time bound activity. As such, every effort be made to complete the PSDF scheme in time bound manner.

4. OCC directed that the hot reserve Tr. is essentially required for maintaining summer season loading in case of failure of any Tr. Therefore hot reserve of each category of transformer be procured immediately.

5. Min. inventory as discussed and finalized between O&M and C&MM deptt. be procured immediately.

6. DTL C&MM deptt. to update the month wise progress in every DELHI OCC meeting.

(Action by DTL C&MM deptt.)

2.4 Status of replacement of Porcelain disc Insulators with long road Polymer Insulators in various 220kV lines.

DTL had proposed planned Shut-down of various 220 KV Lines for work of "Replacement of Porcelain disc Insulators with long road Polymer Insulators".

The progress of work was updated by Sh. Subhash Chandra Jha, Mgr.(S-V), DTL, Nodal officer as enclosed Annexure. The proposed planned Shut-down for insulator replacement work were approved as per the enclosed Annexure.

(Action by DTL O&M deptt.)

2.5 Status of progress of work in r/o shutdown of 400kV BUS-I & BUS-II at 400kV Maharani Bagh.

PGCIL has availed Shutdown of 400kV BUS-I & BUS-II at 400kV Maharani Bagh w.e.f. 14.02.2018 to carry out the following works:-

- (i) Rectification of Y and B Phase, B3 Module at 400 kV GIS of 315 MVA ICT 2 bay (Bay no 404)
- (ii) For above rectification work, SF₆ gas shall be evacuated from 400 kV Bus I & II adjoining to Y & B phase B -3 module. So, 400 kV BUS I & II shall remain out of service till reassembling.
- (iii) During shutdown, power evacuation from 400kV Bus-I & II from Maharani Bagh S/Stn shall be fully interrupted.

During the previous OCC meeting, OCC advised that the shutdown period be squeezed in view of network/loading constraints.

Powergrid Maharani Bagh Sub-stn updated the work progress. OCC advised that all out efforts be taken by PGCIL so as to complete the work by 24.02.2018 positively due to line network/loading constraints.

(Action by PGCIL M.Bagh)

2.6 Reactive power compensation at 400kV & 220kV Level as updated by DTL Plg. Deptt.:-

As per the availability of space in 400/220kV S/stn premises, following locations were finalised for installation of reactors in first phase of respective capacity as per the recommendations of 39th Standing -committee report.

S.No.	Proposed location for installation of Shunt Reactor	Capacity (MVAR)	Present status of Schemes
1	400kV & 220kV Mundka	125 MVAR at 400kV and 25 MVAR at 220kV level	The schemes for these locations are under process in the sequential manner,
2	220kV Electric Lane	2x25MVAR	

3	220kV Patparganj	25MVAR	Planning department will make out all out effort to finalise these schemes in coming 03 months.
4	220kV Maharani Bagh	2 X 25 MVAR	
5	220kV Bamnauli	25 MVAR	
6	220kV Harsh Vihar	2 X 25 MVAR	

Action plan for installation of reactors to be updated by DTL planning deptt. in next OCC meeting.

(Action by DTL Planning Deptt.)

2.7 Providing ON/OFF status of circuit breaker in r/o installation of current differential relay in various 400kV/220kV feeders of DTL.

DTL Protection deptt. have informed that the work of Installation of the Current Differential Relays at various 400/220 kV feeders of the DTL is in progress under the supervision of the protection department under PSDF scheme. Order has been placed to M/s G.E. T&D limited for the ETC and supply of relays. The shut downs are proposed in the month of Feb 2018 and March 2018.

Installation of the Current Differential Relays requires the pole wise On/Off status of the Circuit breaker, Circuit breaker healthiness status and Trip circuit supervision status (as required) and CT core wiring from CT to relay panel. For the above said requirement the DTL protection department has already requested respective managers of the 220 kV Grids to kindly ensure the availability of above said status. If above status are not available then control cable be laid for providing the required status.

Details of the Substations where Line differential relay has to be installed (Phase-2)

S.No.	Name of Sub Station	Feeder Name	No. of Line Differential Relays
1	220kV Mehrauli	BTPS Ckts. 1 & 2	2
2	220kV Okhla	BTPS Ckts. 1 & 2	2
3	220kV Park Street*	Pragati Ckts. 1 & 2	4+2*
		Spare Bays 1 & 2	
4	220kV Sarita Vihar	BTPS Ckts. 1 & 2	2
5	220kV IP	RPH Ckts. 1 & 2	2
6	220kV Pragati	Park Street Ckts. 1 & 2	2
7	Kashmiri Gate*	DMRC Ckts. 1 & 2	2
8	DMRC	Kashmere Gate Ckts. 1 & 2	2
9	220kV RPH	I.P Ckts. 1 & 2	2
10	220kV BTPS	Mehrauli Ckts. 1 & 2	7
		Okhla Ckts. 1 & 2	
		Sarita Vihar Ckts. 1 & 2	
		Gazipur Ckt.	
11	220kV Gazipur	BTPS Ckt.	1
12	220kV Mundka	Najafgarh Ckt.2	2
		Kanjhawala Ckt.2	
13	220kV Maharani Bagh	Sarita Vihar Ckt.	1
		Pragati Ckt.	1
Total			34

Note: *2 nos. Remote end relays for Park Street are considered

The following was deliberated and mutually agreed upon by all:-

Laying of control cable be done at all the locations by DTL Mtc. deptt. as well as BTPS in coordination with DTL Protection deptt. for successful implementation of line differential protection scheme. The desired cable scheduling work be done in consultation with Protection deptt.

DTL Protection deptt. to follow up for the same from the respective site incharge.

(Action by DTL/BTPS O&M/Prot. deptt.)

2.8 Proposed planned shutdowns of O&M, DTL

DTL O&M deptt. has proposed the planned shutdowns for the month of March-2018 as per enclosed Annexure.

After deliberation, the shutdowns were approved subject to real time loading conditions. The approved shutdown list is enclosed as annexure.

3. BRPL Agenda

(i) Put-off of 66KV and 33KV feeders:

BRPL have informed that following 66kV /33kV feeders of BRPL network are being opened during night hours. BRPL have initiated this 8 Feb 2018 onwards.

Sr. No.	Name of Stn.	Name of Ckt.	Elements to be opened
1	LODHIROAD	33KV EXHIBITION-II	Single Ckt. at both ends
2	LODHIROAD	33kV NDSE	Single ckt. at both ends
3	LODHIROAD	33kV EAST OF KAILASH	Single Ckt. at both ends
4	OKHLA	33kV BALAJI CKT-II	Single ckt. at both ends
5	OKHLA	33kV NHP CKT-IV	Single ckt. at both ends
6	OKHLA	33kV ALAKHNANDA CKT-I	Single ckt. at both ends
7	MASJID MOTH	33kV MASJID MOTH	Single Ckt. at both ends
8	Park Street	66 Ridge Valley Ckt-I.	Single Ckt. at both ends
9	PPK I	66kV Bindapur Ckt.I	Single Ckt. at both ends
10	PPK II	66kV G-5PPK(Matyala) ckt - I	Single Ckt. at both ends
11	Peeragarhi	33KV Udyog Nagar	Single Ckt. at both ends
12	Mundka	66kV Nangloi	Single Ckt. at both ends
14	Sarita Vihar	66kV Mathura road 1 or 2	Single Ckt. at both ends

OCC noted the above.

(ii) BRPL critical loads:

BRPL has updated their critical load as under:-

1. Palam airport

2. Balaji SCADA centre
3. BSES Building Nehru place (IT and communication hub).
4. Delhi Jal Board Najafgarh & Okhla
5. Water treatment plant water works nangloi
6. ILBS (hospital)

OCC noted the above.

(iii) BRPL agenda:

BRPL have informed that since recent two to three months, huge reactive power penalty are observed in BRPL network.

For analysis & control, following data be provided:-

1. Individual feeder wise reactive power draw/injection of recent three months
O/G 66KV, 33KV and 11KV (at 220KV s/stns) feeders.
2. Facility to get 66KV and 33KV bus voltage of 220KV DTL stations through ICCP for effective reactive power control.

It was deliberated that the matter be taken up with DTL ICM deptt. and Energy Accounting deptt. of SLDC for better reactive power management.

4. GTPS (IPGCL) Agenda

Shutdown request of GT-6 for Major Inspection (MI) (20.03.2018 to 19.04.2018) and Minor Inspection of STG#III (20.03.2018 to 05.04.2018).

GTPS have informed vide their letter no.-531, dt-10.02.2018 that there shall be shutdown of GT-6 for Major Inspection (MI) from 20.03.2018 to 19.04.2018 (30 days) and Minor Inspection of STG#III from 20.03.2018 to 05.04.2018 (20 days). All other units shall be available and DC of GTPS for this period shall be as under:

- (i) 20.03.2018 to 05.04.2018 - 190 MW (160 MW Combined cycle + 30 MW open cycle)
- (ii) 06.04.2018 to 19.04.2018 – 200 MW Combined cycle

OCC noted the above.

5. Long/Recent Outage/Breakdown of Elements in Delhi power system.

Members updated the status of following Long/Recent Outage/Breakdowns of elements in Delhi Power system:

S.N	Element's Name	Discom/ DTL	Date and Time of outage	Status of outage as on 21.02.2018
1.	33kV BAY -3 (IP – KILOKARI)	BRPL	22.02.2011	Clearance from Railways for laying of Underground cables near Bhairon Road is pending. OCC advised BRPL to inform DTL after awarding of the said work. During the OCC meeting dt.-28.11.2016, It was deliberated that the above work shall be started after joint inspection with Railways.
2.	33kV RIDGE VALLEY - KHEBAR LINE CKT.-II	BRPL	31.01.2016	R-PHASE SINGLE CABLE FAULTY. Expected by 28.04.2018.

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3.	66kV VASANT KUNJ INSTL.AREA-RIDGE VALLEY CKT.-I	BRPL	26.03.2017	UNDER SHUTDOWN. Expected by 13.04.2018.
4.	11kV I/C-I AT RIDGE VALLEY	BRPL	24.01.2018	UNDER BREAKDOWN. Expected by 15.03.2018.
5.	66kV V.KUNJ 'C' BLOCK - 'B' BLOCK V.KUNJ CKT.-I	BRPL	26.01.2018	'Y' PH. LA FAULTY. Expected by 15.03.2018.
6.	16MVA PR.TR.-I AT R.K. PURAM - II	BRPL	05.02.2018	UNDER SHUT DOWN. Energized on 13.02.18.
7.	15MVA PR.TR.-IV AT C-DOT	BRPL	06.02.2018	UNDER BREAKDOWN. Expected by 12.03.2018.
8.	33kV LODHI ROAD - EXHIBITION GROUND -II CKT.	BRPL	12.02.2018	'B'PH. 2ND CABLE FAULTY. Expected by 12.04.2018.
9.	66kV VASANT KUNJ INSTITUTIONAL AREA - 220kV VASANT	BRPL	12.02.2018	UNDER BREAK DOWN. Energized on 17.02.18.
10.	66kV MUNDKA - NANGLOI CKT.	BRPL	05.08.2017	B & Y-PH. CABLE FAULTY. Expected by 26.03.2018.
11.	20MVA PR.TR.-II AT SAGARPUR	BRPL	06.02.2018	UNDER SHUT DOWN. Expected by 15.03.2018.
12.	20MVA PR.TR.-III AT VISHAL	BRPL	07.02.2018	UNDER SHUT DOWN. Expected by 04.03.2018.
13.	66kV PPG - AKSHARDHAM CKT	BYPL	06.08.2017	CABLE FAULTY. Expected by 30.04.2018.
14.	66kV MAYUR VIHAR -I - MAYUR VIHAR-II CKT.	BYPL	14.02.2018	B & Y-PH. SINGLE CABLE FAULTY. Energized on 16.02.18.
15.	33kV SUBZI MANDI - SHAHZADA BAGH CKT-II	TPDDL		CABLE FAULTY. Expected by 15.04.18.
16.	400kV BAWANA - MUNDKA CKT.- I&II	DTL	14.05.2017	Legs of tower no.-116 twisted due to fire beneath the line. Ckt.- I & II energized upto tower no. 115 from Bawana end. Jumper opened at tower no. 115. Expected by 15.03.2018.
17.	315MVA ICT-II AT 400kV BAWANA	DTL	30.11.2017	400kV SIDE R-PH. BUSHING DAMAGED AND Y-PH. BUSHING ON 220kV SIDE (LV SIDE) DAMAGED. Expected by 15.03.2018.
18.	220/33kV 100MVA PR.TR.-I AT 220kV NARAINA	DTL	26.07.2017	Transformer damaged due to fire. Expected by 30.03.2018.
19.	220/33kV 100MVA PR.TR.-I AT 220kV PATPARGANJ	DTL	18.01.2018	SHUT DOWN FOR OVERHAULING. EXPECTED BY 28.02.2018.
20.	220kV MAHARANI BAGH - MASJID MOTH CKT-I	DTL	31.01.2018	CABLE FAULTY. Expected by 30.03.2018.
21.	220kV PATPARGANJ - GAZIPUR CKT.	DTL	07.02.2018	CABLE FAULTY. Revival under progress.
22.	220/33kV 100MVA PR.TR.-II AT 220kV MASJID MOTH	DTL	14.02.2018	SHUT DOWN FOR OIL FILTERATION. Energized on 17.02.2018.
23.	220/33kV 100MVA PR.TR.-I AT 220kV PEERAGARHI	DTL	14.02.2018	SHUT DOWN FOR CONNECTING 33kV I/C CABLE. Energized on 19.02.2018.
24.	STG-2 at PPCL Bawana	PPCL Bawana	01.10.2017 00:05 hrs.	Problem in Generator Transformer. Expected by 31.05.2018.

Additional Agenda

1. TPDDL Agenda

TPDDL have informed that Delhi Gencos have been sending costing from their stations on daily basis. The details are sent for GT, Pragati 1 and Bawana.

From the latest costing details received it can be seen that the load wise costing of GT, Pragati and Bawana is as follows:-

S.No.	Plant Name	Cost in Rs/ Unit
1	GT	Rs 3.76/- per unit at 80 MW
2	Pragati 1	Rs 4.50/- per unit at 265 MW
3	Bawana	Rs 4/- per unit at 325 MW

Presently as on 20th Feb'2018; GT is running at 28 MW; Pragati 1 at 273 MW and Bawana at 246 MW. (screen shot given below)

DELHI POWER SUMMARY

NORMAL

DELHI LOAD	SCHEDULE	DRAWL	CURRENT REVISION	MAX LOAD TODAY	MAX LOAD (YES'DAY)
2830	2242	2258	09 at 20/02/2018 11:52:32	3590 at 10:12:52	3549 at 10:02:46
FREQUENCY	UI RATE	OD/UD	DELHI GENERATION	MIN LOAD TODAY	MIN LOAD (YES'DAY)
49.97	100	16	572	1439 at 03:31:03	1383 at 03:18:20

DISCOM DRAWL (14:31:11 Hrs)				DELHI GENERATION (14:31:11 Hrs)				STATES DRAWL (14:31:11 Hrs)				
Discom	Schedule	Drawl	OD/UD	GENCO	Schedule	Actual	UI	STATE	Schedule	Drawl	OD/UD	Load
BRPL	1106	1093	-12	BTPS	0	-4	-4	CHANDIGARH	115	141	25	141
BYPL	610	554	-56	CCGT-Bawana	249	247	-2	HARYANA	2777	2654	-123	4434
NDPL	974	989	15	DMSWSL-Dsidc	13	13	0	HIMACHAL	994	925	-69	1009
NDMC	156	149	-7	EDWPL-Gazipur	0	-2	-2	J & K	1651	1597	-4	1779
MES	21	18	-2	GT	38	28	-10	PUNJAB	1490	1827	336	5778
Total	2867	2803	-64	Pragati	275	273	-2	RAJASTHAN	2375	2229	-147	7695
Total (DTL End)	2910	2845	-65	TOWMP-Okhla	16	16	0	UTTARAKHAND	1015	1021	6	1484
				Total	591	572	-19	UTTAR-PRADESH	3707	3904	197	12541

GRID LOADINGS (14:31:19 Hrs)					CENTRAL SECTOR GENERATION			DELHI IMPORT (14:31:20 Hrs)		
Sub-Station	RTU	MW	Mvar	Voltage	GENCO NAME	Schedule	Actual	TRANSFORMER/FEEDER	MW	MVAR
Bamnauli	1	713	-185	410	ANTA	0	-3	Bamnauli-400/220KV ICT-1	138	-36
Bawana	1	473	-11	414	AURIYA	0	-92	Bamnauli-400/220KV ICT-2	212	-52
CCGT-Bawana	1	247	40	415	BAJRASIUL	0	-3	Bamnauli-400/220KV ICT-3	215	-54
DIAL	0	38	-4	227	BHAKRA	526	533	Bamnauli-400/220KV ICT-4	148	-44
DSIDC	1	143	9	224	CHAMERA-1	0	-1	Bawana-400/220KV ICT-1	112	-5
Gazipur	1	3	8	238	CHAMERA-2	0	-9	Bawana-400/220KV ICT-2	2	0

From the costing and present running Generation the following is analysed:-

- 1) GTPS can be asked to run at 80 MW as its Generation cost at 80 MW is cheaper when compared to Pragati 1 Generation cost at 273 MW.
- 2) Bawana can be ramped upto 325 MW as its Generation cost at 325 MW is cheaper when compared to Pragati 1 Generation cost at 273 MW.

Based on above Tata Power had sent requests on 20th Feb'2018 to Delhi SLDC for closing of Pragati 1 generation or atleast one unit of Pragati 1 can be closed and balance requirement can be met through GTPS and Bawana. However, no action on the same has been taken by Delhi SLDC.

In this regard M/s TPDDL have requested the following:-

- a) What is the present Minimum Technical Limit for the units of Pragati 1, GTPS and Bawana?

As on 20th Feb'2018, it is seen that Pragati 1 is running at 80% of its GT capacity, GTPS at 50% of its GT capacity and Bawana at 75% its GT capacity. The same is summarized in table below:-

<u>Plant Name</u>	Number of running GTs	Installed capacity of running GTs	Running Capacity	Running Capacity/ Installed Capacity
GTPS	1	30 MW	16 MW	50%
Pragati 1	2	208 MW	164 MW	80%
Bawana	1	216 MW	163 MW	75%

- b) Is there any line loading/ transmission issue constraint due to which minimum Generation at Pragati 1 is required? If yes, what is the quantum of minimum Generation required from Pragati 1?
- c) Is there any line loading/ transmission issue constraint due to which minimum Generation at GTPS is required? If yes, what is the quantum of minimum Generation required from GTPS?
- d) Is there any line loading/ transmission issue constraint due to which minimum Generation at Bawana is required? If yes, what is the quantum of minimum Generation required from Bawana?

The matter was deliberated and SLDC was advised to communicate the desired/relevant information to respective discoms.

(Action by SLDC)

2. DTL Agenda

Shutdown request of 220kV Vasant Kunj-R.K. Puram D/C

DTL have requested for shutdown of 220kV Vasant Kunj-R.K. Puram D/C for re-routing of cable and for cable termination work as per the following schedule:-

S. No.	Name of Sub-Station	Date of Shut-down From	Date of Shut-down to	Name of the Element	Work to be carried	Remarks
1	220/66kV Vasant Kunj	21.02.2018	31.03.2018	220kV Vasant kunj to R.K. Puram Double Ckt.	Re-routing of cable at R.K.Puram End & its cable end termination	M/s Siemens will carry out the work in supervision of DTL

The matter was deliberated and it was informed by DTL Project deptt. that a site visit is planned at R.K. Puram Sub-stn with DMRC officials on 23.02.2018 to discuss the required shutdown. It was further informed by Project deptt. that the cable will be in discharged condition. As such, regular patrolling be done by DTL O&M deptt. to avert any breakdown in the cable. OCC advised accordingly.

(Action by DTL Project/O&M deptt.)

3. PPCL Agenda

M/s PPCL have proposed the revised planned shutdown of GT#1 and STG for Mtc. work as per the following schedule:-

- (i) GT#1 :- 02.03.2018, 00:00 hrs. to 21.03.2018 (for 20 days)
- (ii) STG :- 02.03.2018, 00:00 hrs. to 08.03.2018 (for 7 days)

The revision in planned shutdown which was earlier approved w.e.f. 25.02.2018 has been done considering the mobilization constraints of the vendors.

After deliberation, the shutdowns were approved as proposed by PPCL subject to revival of 400kV Bus shutdown at Maharani Bagh Sub-stn.

(Action by PPCL)

The meeting ended with vote of thanks to the Chair.

NOTE:-The MOM of OCC meeting can also be seen on DTL website (www.dtl.gov.in) under the Tab “News and Information – OCC Meeting”.
