DELHI TRANSCO LIMITED
(A Govt. of NCT of Delhi Undertaking)
An ISO 9001:2008 certified company
Office of DGM(T) OS, Convener-OCC
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No. F.DTL/831/F.4/2017-18/DGM (OS)/51 Date:-10.08.2017

To,
All Members of Operation Co-ordination committee

DTL	General Manager (O&M)-I, Chairman OCC	Fax no. 011-23366160
	General Manager (O&M)-II	
	General Manager (Planning)	Fax No.011-23622707
	DGM (O&M) - North, East, West, South	
	DGM (M/P)	Fax no. 011-23366160
	DGM(Plg.)	Fax No.011-23632031
SLDC	ED (SLDC)	Fax no. 011-23221069
	DGM (SO)	Fax no. 011-23221059/12,
TPDDL	HOD (PSC &AM)	Fax no. 011-66050602
	Sr. Manager (PSC)	Fax no. 011-66050602
BRPL	Asstt. Vice President (SO)	Fax no. 011-39996549
BYPL	General Manager (SO)	Fax no. 011-39996549
NDMC	Superintending Engineer	Fax no. 011-23235754
IPGCL	AGM (T) COS	Fax no. 011-23284797
	AGM (T) Opr. GTPS	Fax no. 011-23370884
PPCL	DGM (T) Opr. PPS-I	Fax no. 011-23378947
	DGM (T) Opr. PPS-III	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.)	Special Invitee
DMRC	General Manager (Elect.)	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 held on 28.07.2017 at SLDC Minto Road.

Dear sir/madam,

The last Delhi OCC meeting was held on **28.07.2017 at SLDC Building, Minto Road, Opp. MCD Civic Centre, New Delhi-110002.**

The minutes of meeting are 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.

Enclosure: MOM of OCC meeting.

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 OCC MEETING DT. 28.07.2017

GM (O&M)-I, DTL, Chairman-OCC welcomed the members of OCC. List of participants are enclosed herewith as Annexure-1.
The meeting was started with the presentation on review of grid operation for June 2017. It was informed that peak demand of 6526 MW for June-2017 was met on 06.06.2017 at 15:31:37 hrs. Discom wise load as well as generation within Delhi during the peak and load curve for all the Discoms during the June month was depicted. Planning of Grid operation for Aug 2017 was also discussed, wherein it was explained that the anticipated peak demand for Aug 2017 would be around 6000 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 28.06.2017.

The previous Delhi OCC meeting for the month of June 2017 was held on 28.06.2017. Minutes of the aforesaid OCC meeting were issued vide letter dt. 11.07.2017. No comments were received regarding the contents of MOM**. As such the minutes of OCC meeting held on 28.06.2017 were confirmed.**

2. DTL Agenda :

2.1 Tripping of 220 kV Bamnauli-Pappankalan II Ckt.-1 & 2 from Bamnauli end on dt.-20.05.2017 at 23:53 hrs. and 23:57 hrs. respectively.

On dt.-20.05.2017, 220 kV Bamnauli-Pappankalan II Ckt-1& 2 got tripped at 23:53 hrs and 23:57 hrs respectively at Bamnauli end on backup protection and the supply at PPK-II got failed due to radial feed from Bamnauli grid. Later on it was came to notice that the fault was at BRPL 66 kV Hastsal grid at the 11 kV end. The fault of 11 kV level should have been cleared at 11 kV or 66 kV level at the BRPL station, but it was not cleared leading to fire. In this particular case at the time of fault at BRPL end the current of 66 kV Hastsal feeders was probably less than 800 Amp so the 66 kV feeder was not supposed to trip. Whereas the current of 220 kV feeder as noted from disturbance record of Bamnauli end was 1000 Amp and the feeder has rightly tripped on over current setting resulting supply at PPK-II got failed due to radial feed from Bamnauli grid.
BRPL should provide the following details before the OCC for deliberation of the above incident-

A. Single line diagram of the 66 kV Hastsal Grid substation.
B. System configuration at the time of incident
C. Connectivity of the BRPL Power network.
D. Incident report by BRPL alongwith DR and SOE.
E. Tripping analysis report by BRPL
F. Details of the SCADA Connectivity along with DATA acquisition configuration of 66 kV Hastsal to BRPL System Control Room (Balaji) for monitoring of the unmanned substation.
G. Immediate Remedial measure to avoid such type of incident.

During the discussions, BRPL informed that the report is under finalization stage and will be shared in the next OCC meeting.

2.2 Storage of scrap material by BRPL Najafgarh at the common road at 220 kV DTL Substation Najafgarh

The matter has been discussed in previous OCC meetings, wherein it was informed by Mgr(O&M), DTL (N-3) that BRPL Najafgarh is using the common road from Main Security Gate (at Main Road) to Security Gate at DTL 220kV Najafgarh Substation Security Gate which is creating the hindrance to men and material of DTL and common public at large too. The problem enhances and get gruesome when general public park their vehicles while visiting the BRPL office encroaching the corridor. It can also not be ruled out that in case of major chaos, if any fire breaks out at DTL installation at Najafgarh or similar exigency, fire tenders/emergency vehicles may not be able to enter the premise due to space crunch created by storage of damaged & old scraps in the form of LT transformers, electrical poles and also due to parking of vehicles by general public.

During the previous OCC meeting, It was informed by BRPL that some transformers have been removed from site and for removal of rest transformers, a scrap disposal committee have been formed by BRPL.
However, it was emphasized by DTL that BRPL should ensure for clear passage for entry to main gate of DTL 220kV Najafgarh Sub-stn. DTL suggested that the scrap may be shifted to their other station where space is available. OCC advised BRPL to expedite for the same.

2.3 Unequal sharing of load on 100 MVA, 220/33 kV Tr. No.-1 & 2 at 220 kV Wazirpur Sub-stn. due to non switching of 33 kV Bus coupler at TPDDL end.

It has been informed by DTL that on dt.-06.06.2017, when the total Delhi load was 6450 MW, there was unequal sharing of load on 100 MVA, 220/33 kV Tr. No.-1 & 2 at 220 kV Wazirpur Sub-stn. Load on 100 MVA Tr.-1 on dt.-06.06.2017 at 3:26 PM was 83 MW, while that on 100 MVA Tr.-2 was 58 MW. **The load couldn't be balanced due to non switching of 33 kV Bus coupler at TPDDL end.**

It was informed by TPDDL that testing of their 33 kV Bus coupler was under progress and the same has been energized on 29.06.2017.

2.4 Non provision of 33kV cable holding arrangement by NDMC and improper sealing of 33kV cable duct/trench at 220/33 kV Sub-stn HCML and AIIMS Trauma centre.

The subjected matter was discussed during the previous OCC meeting as under:-

(i)220 KV GIS S/Stn. AIIMS Trauma Centre-

There are 18 Nos. 33 KV outgoing feeders at 220 KV GIS S/Stn. AIIMS Trauma Centre out of which 12 Nos. pertains to NDMC, 02 No. pertains to BRPL and 04 Nos. are spare at present. Cable holding arrangement is not provided in any feeders resulting damage of cable end termination box due to stress in the event of fault. Cable end termination box of 33 KV bay No. 19 along with PT was damaged due to same reason. Replacement of multi cable end termination box is very costly amounting to Rs. 27Lacs approx and time consuming being OEM item. It is pertinent to mention here that cable end termination box in which cable is to be inserted pertains to the user entity. Further, cable duct/trench are not properly sealed hence water and mud enters through entry points/pipes in the 33 KV GIS basement in rainy season. Matter was taken up with NDMC since 06.04.2015 but no progress has been made.

(ii)220 KV GIS S/Stn. HCML-

There are 15 Nos. 33 KV outgoing feeders at 220 KV GIS S/Stn. HCML out of which 09 Nos. pertains to NDMC, and 06 Nos. are spare at present. Cable holding arrangement is not provided in any feeders resulting damage/flash of cable end termination box due to stress in the event of fault. Recently on 01.06.2017, there was heavy flash on cable end termination of

33 KV feeder Connaught place (Bay No. 02) during fault and in outage since then. Further, cable duct/trench are not properly sealed hence water and mud enters through entry points/pipes in the 33 KV GIS basement in rainy season. Matter was taken up with NDMC since 06.04.2015 but no progress has been made.

The matter was deliberated in OCC meeting held on 28.06.2017 and a committee comprising of officers from DTL and NDMC was formed to resolve the issues and directed to update the status in next OCC meeting.

Accordingly, committee members met at 220 KV S/Stn. AIIMS Trauma Centre on 06.07.2017 and following decisions were taken. The contents of MOM are as under:-

1) NDMC has already agreed in the meeting dated 06.04.2015 (MOM of the same was circulated on 09.04.2015) that they will provide proper cable holding arrangement with alignment to cable end termination in all the feeders.
2) NDMC will ensure that all existing pipes are properly sealed from inside of 33KV GIS basement to avoid rain water entry in the basement of 33kV GIS.
3) The mud inside the basement shall be removed by DTL after completion of the works by NDMC as specified at Sr. No. 1 and 2.
4) NDMC will ensure proper earthing with suitable current rating links of cable sheaths and armors at DTL end in all the 33KV feeders.
5) NDMC will ensure proper workmanship during dismantling/insertion of cable and other associated works under intimation and satisfaction to DTL.
6) In addition to above, it was also decided that planning department will take care in future upcoming sub-stations with insertion of scope of works for erection of structure for cable holding from cable entry point to 66/33kV cable end terminations.

DTL requested that NDMC may update the status with its time frame.

During the OCC meeting, No representative from NDMC were present to deliberate on the issue. However, OCC was in view that NDMC should gear up the work as agreed in the meeting held on 06.07.2017. DTL should follow up with NDMC for necessary expeditation of the work.

2.5 Tripping of 160 MVA Tr.-1 with 66 kV I/C-I at 220 kV GIS Ridge valley on dt.-21.07.2017 at 07:53 hrs.

At 220 kV GIS Ridge valley, 160 MVA Tr.-1 tripped along with 66 kV I/C-I on dt.-21.07.2017 at 07:53 hrs. showing following relay indications:-

S.No.	Name of the element	Date and Time of Tripping	Relay Indications
1.	160 MVA Tr.-1	21.07.2017, 07:53 hrs.	86 (Inter-tripping from LV)
2.	66 kV I/C-I	21.07.2017, 07:53 hrs.	R-Ph O/C

It was informed by BRPL that the 66 kV Bus coupler at their end also got tripped. During physical checking, It was observed that the above said tripping occurred due to climbers/creepers on 66kV Bus-1 Gantry Insulators (R-ph), resulting 66 kV Bus fault. BRPL informed that corrective action has been taken to avoid tripping in future.

OCC advised that necessary precautionary measures be taken by all the members for removal of wild vegetation/creepers from the structure to avoid unwanted trippings.

2.6 (i) Replacement of 66 kV CTs at DTL Gopalpur Sub-stn.

M/s DMRC vide their letter no.-DMRC/CEE-1/CE-6 LOT-1/PS DELHI/113, Dt.-08.06.2017 have asked for permission for replacement of 66 kV CTs as per CEA metering regulation for open access at DTL Gopalpur Sub-station.

They have informed that for open access, two cores of CT should be of 0.2s accuracy class as per CEA metering regulation 2006. Accordingly, DMRC have arranged 3 nos. new CTs of Mehru make having two cores of 0.2s accuracy class for replacement with their existing CTs in 66 kV bay constructed by DMRC at DTL 220 kV Sub-stn Gopalpur.

It was informed by DMRC that initially the bay was commissioned with available CT's for other project due to urgency. However, the new CT's of 0.2s accuracy class were procured and the same have been replaced.

2.6 (ii) Confirmation regarding O&M activities in 66 kV Mukundpur bay at DTL 220 kV Sub-stn Gopalpur.

It has been informed by DTL that M/s DMRC had constructed 66 kV Mukundpur bay at DTL 220 kV Sub-stn Gopalpur, which was energized on dt.-03.08.2015. They have asked for the following clarifications:-

Whether the 66kV Mukundpur bay at DTL Gopalpur Sub-stn is an asset of DTL or DMRC and who is authorized/responsible for carrying out the O&M activities.

The following was deliberated and agreed upon in the meeting:-
(i)The 66kV Mukundpur bay at DTL Gopalpur Sub-stn being the temporary bay till the commissioning of 66kV GIS, is an asset of DMRC.

(ii)The operational activity for 66kV Mukundpur bay at DTL Gopalpur Sub-stn is to be carried out by DTL as per existing procedure. However, the maintenance activity for this bay will be carried out by DMRC. The signed copy of all the test reports for preventive maintenance activity in this bay shall be submitted to DTL. DMRC will authorize a technical person not below the rank of Asstt. Mgr.(Tech) for taking PTW / Shut Down on this bay.

2.7 Change of nomenclature for 66 kV Bay no. 605 and 606 at 220kV Pappankalan-II.

DTL have informed that 02 nos. 66 kV outgoing feeder bays (no.605 and 606) were allocated to BRPL for termination at their 66kV grid substation near Gurugovind Singh hospital (GGSH). The bays were energised and were named as 66kV GGSH ckt-01 and 66kV GGSH ckt-02 at Pappankalan-II end respectively. However it has come to notice that the subject feeders have been terminated at BRPL's Hastsal grid instead at 66kV GGSH grid. There has been no prior intimation of this termination to this office by BRPL.

In view of above, 02 nos. 66kV outgoing feeders bays may be renamed as 66kV Hastsal ckt-01 for 66kV bay no. 605 and 66kV Hastsal ckt-02 for 66kV bay no. 606 at 220kV Pappankalan-II.

Further the underground cable parameters may also be given by BRPL with regard to termination of the cables at their 66kV Hastsal grid so that the protection setting at Pappankalan-II end may be modified accordingly.

The following was deliberated and agreed upon in the meeting:-

(i)The two nos. 66kV outgoing feeders at DTL 220 kV Pappankalan-II Sub-stn be renamed as 66 kV Hastsal ckt-01 for 66kV bay no. 605 and 66kV Hastsal ckt-02 for 66kV bay no. 606.

(ii)BRPL to submit the cable parameters, i.e. conductor type, cable dia(in sq. mm.), No. of cable/phase, cable length, positive/zero sequence impedance, conductor parameter for next shortest/longest line at Hastsal, etc. for feeder protection relay settings to Mgr.(O&M)-Pappankalan-II, DTL.
OCC advised BRPL accordingly.

2.8 Review of implementation of Auto Reclosure scheme at 220 KV S/Stn Sarita Vihar.

Manager(T) O&M S-V, DTL have informed that Protection deptt. of DTL have recently implemented the Auto reclose scheme on 220 kV Sarita Vihar – Pragati ckt on dt. 21.07.2017 and is also going to implement the same scheme on 220 KV Sarita Vihar– Mahranibagh ckt. soon. These line/ckt are passing through densely populated areas (Shaheen bagh, Zakir Nagar, Zamia Nagar, Abul fazal enclave & Khizrabad etc.). The electrical clearances (Horizontal/ Vertical) in these lines are not complying the CEA regulation-2010 (Measure relating to safety & electric supply) in many locations due to unauthorized construction under the ROW of line and these areas are highly electrical accident prone.

After implementation of auto reclose scheme, the re-occurrence of accident within one second can't be ruled out if the tripping occurred due to negligent activities by the public such as flying kites using conducting thread, throwing of TV Cable wires / telephone wires / electric wires / water jets, carrying pipes, rods, bamboos /other building materials, storing combustible material PVC/ tarpaulins etc. in the close vicinity of live wires / conductors.

In view of human safety and also to avoid the re-occurrence of accident in line, the implementation of Auto reclose scheme in 220 kV Sarita Vihar – Pragati ckt and 220 kV Sarita Vihar– Mahranibagh ckt. be reviewed.

TPDDL, BRPL, BYPL informed that they are also facing the issue of unauthorized construction beneath the live lines throughout Delhi. However keeping in view grid security auto re-closure is better option.

It was deliberated that Auto Reclosure scheme for 220 kV lines have been implemented in DTL as per the guidelines stipulated in NRPC Protection philosophy. However, Auto Reclosure scheme on some crucial 220 kV lines needs to be reviewed in consultation with NRPC on case to case basis considering the safety concern due to low clearance of line.

2.9 Proposed planned shutdowns of O&M, DTL

DTL O&M deptt. has proposed the planned shutdowns for the month of Aug 2017 as per enclosed Annexure.

After deliberation, the shutdowns were approved subject to some minor changes in timings and as per real time loading conditions prevailing at the time of shutdown. List of duly approved shutdowns for Aug 2017 is enclosed as Annexure.

3. SLDC Agenda

3.1 Details of power consumption, supply and demand as per various users (residential, industrial etc) for monitoring of Perspective Plan for Infrastructural Services – MPD -2021.

Delhi Development Authority vide their letter no. F.15(02)/2017/92 dated 24.02.2017 has requested for providing the details of power consumption, supply and demand as per various users (residential, industrial etc) regarding monitoring of Perspective Plan for Infrastructural Services-MPD 2021.

The detailed requirement is as under :

TENTATIVE CHECKLIST OF THE INFORMATION TO BE INCLUDED W.R.T. UPDATION OF PERSPECTIVE PLANS FOR INFRASTRUCTURE SERVICES IN MASTER PLAN OF DELHI.

POWER SECTOR

1. Status / Action taken w.r.t. implementation of Perspective Plan, 2021 as annexed in MPD-2021.
2. Updated / Current scenario and future projections / Augmentation Plan (to be shown also on MAPS) w.r.t. :

    a. Details of Power consumption, supply and demand as per various uses (residential, Industrial, etc.)
    b. Details of existing and propose power generation stations with capacity (in MW).
    c. Detail of transmission networks, sub station, grids, etc
    d. Details of issues / action plan/proposal to supplement power requirements through non conventional sources of energy, solar energy or incorporation in MPD.
    e. Detail of issues/action plan / proposals for energy conservation for demand side management for incorporation in MPD.
    f. Any other requisite information as applicable.

3. Ongoing projects : Project Components, area & population covered.
4. Future plans and proposals in next 5-10 years and 20 years (including target areas, estimated requirements, sources, distribution, etc) for necessary inclusion in the Master Plan taking into consideration emerging issues w.r.t. land constraints, technology advancements, environment etc.
5. Any other new information / notified amendments related to policy, rules legislation etc as applicable for updation / incorporation in the Master Plan.

SLDC vide its letter dt. 31.05.2017 requested the Discoms to provide the information.

It was deliberated that the desired details as mentioned above be provided by all the utilities/discoms at the earliest. The matter was referred to steering committee headed by GM(Planning), DTL for further follow up and for onward submission of the requisite details to DDA.

3.2 System Study for Capacitor requirement in Northern Region for the year 2016-17 and 2017-18 (134th & 135th NRPC OCC).

A study for Capacitor bank requirement was carried out by CPRI on request of NRPC for 2017-18.
CPRI has submitted the detailed report for capacitor bank requirement in Northern Region for 2017-18.
Recommended Compensation for the Delhi as per Draft report:

S. No	Utility	Existing Capacitor Bank		Newly Recommended Banks (c) (MVAR)	Total (d=a+c) (MVAR)
		Operational (a) (MVAR)	Not in operational (b) (MVAR)		
1	DELHI	0	0	712.56	712.56

The modelling for system study for capacitor bank requirement done at 132kV Voltage level and above.

The above details has also been discussed in 17th GCC Meeting.

The detail report is available on NRPC website:
http://www.nrpc.gov.in/Reports/other/Report-NRPC_Draft.pdf

NRPC is asking comments on the draft report.

During the previous OCC meeting, It was deliberated that SLDC has not received any comments from DTL/Discoms on the draft report. As such all the discoms and DTL (Planning) department were again requested to submit their comments to SLDC latest by 15th July, 2017. It was further advised by OCC that matter for capacitor requirement within Delhi be deliberated in Steering Committee Meeting.

After deliberation, the matter referred to Steering Committee headed by GM(Planning), DTL for further follow up with Discoms for submission of their comments on the draft report and its onward submission to NRPC.

4. TPDDL Agenda

4.1 <u>Delay in information from CCGT Bawana:</u> TPDDL have informed that CCGT BAWANA plant always inform them after synchronizing their plant. Due to which DISCOMs are forced to suffer for 2-3 block of under drawl.

After deliberation, it was agreed by CCGT Bawana that they will intimate about synchronization of their unit as soon as their machine gets synchronized and provide their generation schedule to SLDC in line with CERC/DERC Regulations.

4.2 <u>Delay in information from NRLDC:</u> TPDDL have informed that NRLDC often inform them about curtailment just before 15 min which is not sufficient for re-scheduling Power. Due to which during shortage of power load shedding become only option and during surplus power, penalty is imposed due to UD. In both case DISCOMs need to suffer. On dated 18.07.2017 at 15:10 hrs, NRLDC informed them about curtailment of power scheduled from western grid from 15:30 hrs. Due to insufficient time they had to make a lot of effort to arrange power to fulfil the energy demand. It has been requested by TPDDL that SLDC need to take the issue with NRLDC/NRPC for sufficient time to be given (say 4 time block) for necessary power arrangement during curtailment.

During the discussion, SLDC representative stated that on dt.-18.07.17 Northern region faced shortage of 3782MW due to outages of Karcham Wangtoo (1000MW), Naptha jhakri (1500MW), Rampur (412MW), Salal (690MW) and Bairasuil (180MW) because of high silt and situation got worsen by the tripping of 1500 MW HVDC Champa –Kurukshetra pole-I. NRLDC gave information and advisory time and again to all NR constituents to maximize the generation available in the region and to adhere the drawl as per schedule.

Because of violation of Available Transfer Capabilty of northern region , Curtailment was done to relieve congestion in line with the CERC Regulation (measures to relieve congestion in real time operation). Copy of the communication held with NRLDC and Discoms is enclosed as Annexure-A.

SLDC representative informed OCC that all the above advisories and information were sent to Discoms by SLDC without any delay.

OCC advised Discoms to be more vigilant and they must also watch NRLDC / NLDC website so that in such situations as happened on 18.07.2017 i.e. curtailment / withdrawal of curtailment of short term bilateral transactions or imposition of congestion charges, they can take quick decision and follow the instructions of NRLDC / NLDC in the interest of grid security.

4.3 Power settlement due to suspected data: TPDDL have informed that they have observed that settlement value is added to TPDDL drawl as per its share in Delhi State without analyzing actual problem of dubious data. For example if communication of Grid from East Delhi, say Geeta Colony, got fail then also 29.18% of mismatch value is added to TPDDL even no feeder of TPDDL emanating from that grid. Due to which their Drawl increases. This give actually wrong picture of power position and sometime mis-lead them in taking decision. Sometime they have to do load shedding due to this and in actual SEM data which comes after one month they find in UD. Hence TPDDL have requested to review logic behind Settlement value.

It was informed by DTL SCADA deptt. that the concept of settlement value is to always match the Delhi load & the discoms load for the benefit of all discoms. Further, during most of the time the SCADA data is as per actual real time, except in some cases when the data becomes suspected due to Communication / RTU failure. At those times Discoms should provide the real time analog value of suspected stations at their end to the control room, SLDC for its timely redressal

4.4 DSM bill verification process: As per process DISCOM get one week time to verify DSM bill. If they don't send their input then it is supposed to be accepted. TPDDL informed that they have observed that DSM bill of 3-4 weeks is released together and only one week is given to DISCOM to verify the same. So, TPDDL have suggested to issue one bill every week and bill should be issued on every Monday to all entities and final bill should be issued next Monday.

TPDDL have further requested that DTL should consider the SEM meter data only up to 2 decimals whereas they do not truncate the decimal places. This causes mismatch of significant amount between bill raised by DTL and TPDDL calculation.

The concern of TPDDL is taken on record and agreed by SLDC with the condition that TPDDL will not raise the issue of pendency of DSM Bills in any forum as revision of 27 weeks of FY-2015-16 are pending and it will take 27 weeks to issue the bills as per request of TPDDL.

Further, since the SEM meter data upto 4 digit after the decimal is more accurate and hence TPDDL should consider to continue the same practice.

5. Long/Recent outage of Elements in Delhi power system.

Members updated the status of following Long/Recent outage of elements in Delhi Power system as under:

S.N	Element's Name	Discom/ DTL	Date and Time of outage	Updated Status of outage as on 28.07.2017
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 15.10.2017.
3.	66kV VASANT KUNJ INSTL.AREA-RIDGE VALLEY CKT.-I	BRPL	26.03.2017	UNDER SHUTDOWN. Expected by 12.09.2017.
4.	33kV LODHI ROAD - EXHIBITION GROUND -II	BRPL	04.06.2017	CABLE FAULTY. Expected by 10.10.2017.
5.	16MVA PR.TR.-III AT JAMIA	BRPL	28.06.2017	T/F PUT OFF. Expected by 15.09.2017.
6.	33kV KILOKRI - HUDCO - T-OFF DEFENCE COLONY CKT.	BRPL	19.07.2017	B-PHASE SINGLE CABLE FAULTY. Ckt energized on 24.07.2017.
7.	33kV RIDGE VALLEY - KHEBAR LINE CKT.-II	BRPL	23.07.2017	UNDER BREAK DOWN. Expected by 20.08.2017.
8.	66kV SAGARPUR - REWARI LINE CKT.	BRPL	30.07.2016	'B' PH. CABLE FAULTY. RE-ROUTING BEING DONE. Expected by 30.10.2017.
9.	66kV BUS COUPLER AT G-15 DWARKA	BRPL	22.11.2016	CT BLAST. Expected by 31.10.2017.
10.	30MVA PR.TR. AT NANGLOI	BRPL	18.03.2017	PROBLEM IN RELAY. Expected by 15.10.2017.
11.	66kV MUNDKA-NANGLOI CKT	BRPL	08.05.2017	B & Y-PHASE CABLE FAULTY. Expected by 25.09.2017.
12.	33kV NARAINA(220kV) - MAYA PURI CKT.-I	BRPL	03.06.2017	R & B-PHASE SINGLE CABLE FAULTY. Ckt Energized on 08.08.2017.
13.	66/11KV 25MVA PR. TR-IV AT BINDAPUR	BRPL	24.06.2017	UNDER SHUT-DOWN. Ckt Energized on 31.07.2017.
14.	66kVPPK-II(220kV)-G-5MATIALA CKT.-II	BRPL	26.06.2017	B-PHASE LA FAULTY. Expected by 30.08.2017.
15.	66kV PAPPANKALAN-I - G-6 PAPANKALAN CKT.-II	BRPL	08.07.2017	B-PHASE SINGLE CABLE FAULTY. Expected by 05.09.2017.
16.	33kV PASCHIM VIHAR - MUKHERJI PARK CKT.-I	BRPL	14.07.2017	CKT PUT OFF. Expected by 22.10.2017.
17.	66kV MUNDKA(400kV)-NANGLOI WATER WORKS CKT.	BRPL	23.07.2017	R-PHASE CABLE FAULTY. Ckt Energized on 31.07.2017.
18.	66KV GAZIPUR - VIVEK VIHAR CKT-II	BYPL	08.07.2017	CABLE FAULTY. Ckt Energized on 06.08.2017.

19.	33kV SHANKER ROAD - DMS CKT.	BYPL	22.07.2017	R-PHASE CABLE FAULTY. Ckt Energized on 24.07.2017.
20.	33KV PANDAV NAGAR - DMS CKT.	TPDDL		CABLE FAULTY. Expected by 31.08.2017.
21.	33kV TRAUMA CENTRE(220kV) - STATE GUEST HOUSE CKT.	NDMC	02.07.2017	Y-PHASE CABLE FAULTY. Ckt Energized on 02.08.2017.
22.	33kV NIRMAN BHAWAN - TILAK MARG CKT.	NDMC	14.07.2017	R-PHASE CABLE FAULTY. Interconnected Ckt, belongs to NDMC.
23.	400kV BAMNAULI - JHAKTIKARA CKT.-I	DTL	22.05.2016	Dead end Tower No.-169 along with gantry collapsed at Bamnauli end. Ckt.-II charged on ERS. Gantry created. Tower material is under inspection.
24.	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. Tender could not be matured and refloated.
25.	220KV MAHARANI BAGH-MASJID MOTH CKT-II	DTL	14.06.2017	B-phase underground cable became faulty. Expected by 08.08.2017.
26.	220/33kV 100MVA PR.TR.-II AT 220kV LODHI ROAD	DTL	22.03.2017	Tripped on differential, protection and Buchhloz relay. Transformer is faulty and to be replaced.

Additional Agenda of BRPL

1. BRPL have informed that their metering deptt is having one long pending issue regarding any outage of CT & PT is not having any single point contact to get updated information.

Therefore BRPL have suggested to nominate one nodal officer from O&M deptt. who will be single point contact to resolve all the issues related to CT & PT.

In the absence of CT & PT, assessment is required to carry out and as they don't have updated information, they are not able to do it and mismatch appear in the power flow calculation.

The matter was discussed and it was advised that BRPL should contact Mgr.(ICM), DTL to resolve the issues related to CT and PT.

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”.

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