DELHI TRANSCO LIMITED
(A Govt. of NCT of Delhi Undertaking)
An ISO 9001:2015 certified company
Office of Mgr. (T) OS-II
IInd Floor, ERP centre, SLDC Minto Road,
New Delhi-110002
Website:-www.dtl.gov.in

No. F.DTL/2019-20/DGM(OS)-II/48 Date:04.10.2019

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: MOM of 6th Delhi OCC Meeting (2019-20) held on 27.09.2019 (Friday) at 2:30 P.M.

Dear sir/madam,

Enclosed please find herewith the minutes of 6th Delhi OCC meeting (2019-20) held on dt.-**27.09.2019 (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**

The same is also available on DTL website, www.dtl.gov.in under the tab "News and Information"-OCC Meeting.

Thanking You.

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

Copy for favour of kind information to:
(i)Secretary, DERC, Viniyamak Bhawan, C-Block, Shivalik, New Delhi-17
(ii)CMD, DTL
(iii)Director (Operations), DTL

04/10/2019
DGM(OS)

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

MOM OF 6th DELHI OCC MEETING (2019-20), HELD ON 27.08.2019

Chairman, OCC welcomed all members and representatives present in the meeting. List of officers attended the meeting is enclosed as annexure.
In the meeting it was requested to change the schedule of meeting and plan it in 3rd week of every month and shut down list should be given by 10th of every month.
OCC agreed the suggestion.

The gist of deliberations in the meeting is as under:

1. Confirmation of minutes of 5th Delhi OCC meeting (2019-20) held on dated 28.08.2019.

The 5th Delhi OCC meeting (2019-20) was held on 28.08.2019 in accordance with the agenda circulated vide letter dt: 26.08.2019. Minutes of the aforesaid OCC meeting were issued and the same was also uploaded on DTL website.

Following comments were received against minutes of 5th Delhi OCC meeting:-

(a) **Agenda by TPDDL, no 4.1: Load Reduction at Rewari Line Grid**

In this summer season, Sagarpur CKT, which is usually used as Incomer for 66 kV Rewari line Sub Station , changed to outgoing feeder from Rewari line to draw the load from 220 kV Pappan Kalan-I. . Mayapuri CKT, which remains at No Load, is now drawing load from Rewari Line Grid. TPDDL has single source at Naraina as the second source going to 33 kv PAYAL TPDDL extracts all the available power leave no power to feed LILO section (33 kV Rewari line – Naraina ckt has been LILOed at PAYAL) to Rewari Line. It was informed further that it can not be utilized as incomer (PAYAL – RIWARI LINE) due to frequent tripping.
Considering above, TPDDL expressed that they would not be in a position to provide the load to BRPL's Vishal, Mayapuri & Sagarpur Grid Feeders from Rewari Line grid.
As such BRPL was requested to ensure that load was removed from there before that. TPDDL also requested for updated Status of A-43 Grid. TPDDL requested that 66 kV Sagar pur- Riwari Line ckt be kept closed at Sagar pur end so that this can be used as incomer as and when required.

As per MOM:- BRPL informed that after ongoing summer season they would not draw any load from Revari line (TPDDL). After deliberation OCC advised BRPL to keep its Circuit breaker (CB) closed at Sagarpur end.

BRPL Comment:- *BRPL is already disagreed to this in recent OCC meeting held in Aug 2019 and OCC also suggested both DISCOMS to come with details like SLD and power flow etc in next OCC.*

TPDDL and BRPL informed that they had already deliberated the matter at their end and they would work together with mutual consent. To prevent any further dispute, OCC suggested them to keep both the circuits charged and bus coupler in off position at Sagar pur station & operation of this bus coupler to be done with consent of SLDC at time of requirement.

(Action by BRPL and TPDDL)

(b) **Agenda by TPDDL, no 4.2: Meeting with SLDC**

It has been decided that every month a meeting would be scheduled to resolve internal challenges and issues of DISCOMs. It is informed that such meetings have not been held. TPDDL requested OCC to intervene.

As per MOM:-OCC advised to SLDC to conduct a monthly meeting under chairmanship of DGM(SO) with all Discom members to resolve system operation & energy accounting related issues. This meeting may be held before monthly OCC meeting. The unresolved/ disputed points after this meeting can be raised in OCC meeting.

SLDC Comment:- *It has been decided that the issues shall be discussed with concerned division of SLDC by Discoms and still same dispute are there than the meeting shall be convened in SLDC with the Discoms to resolve the disputes.*

All OCC members agreed.

2. DTL AGENDA:

2.1 Removal / shifting of live 11kV Power Cables by M/s BRPL for construction of upcoming 66kV Bay no- 19 at 220kV Mehrauli Substation.

At present work of ETC of 05 nos 66kV bays is in progress at 220kV Substation Mehrauli. Out of 05 nos bays 04 nos 66 Bays has been already erected and likely to be commissioned shortly. However civil work hasn't been started for 01 no 66kV bay due to non-shifting/ removal of live 11kV Power Cables by M/s BRPL, which were found in the foundation construction area of various 66kV bay equipments of bay no-19 in existing 66kV switchyard. For removal/ shifting of power cable, several visits were made by the BRPL representatives but till date power cable hasn't been shifted / removed from that area due to which DTL is not able to start civil foundation work for the 66kV bay no-19. This bay is to be constructed for BRPL.

BRPL requested for some time as they expressed their inability to trace the live cables. However, BRPL promised to sort out the issue at the earliest. After deliberation OCC advised BRPL to submit the status by 30.09.2019 (Monday) as the bays are being constructed to meet the requirement of BRPL.

(Action by BRPL)

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

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

The shutdowns were approved by OCC subjected to real time condition.

Further, OCC also advised that shut down details should be submitted to OS department by 10th of every month and after that any request will not be entertained. OS department will send shut down details to SLDC by 15th of every month.
OCC also advised the bay modification work related to HTLS re-conductoring should also be carried simultaneously while carrying out the re-conductoring work for optimum utilization of the system.

Further it was also decided that the major shutdown work at IP S/Stn. involving transformers be carried out after commissioning of 2nd transformer at Rajghat S/Stn.

3. SLDC Agenda

3.1 Annual outage plan for transmission elements in Northern Region for 2020-21.

Section 5(1) of CEA (Grid Standards) Regulation 2010 and the clause (c) of section 5.7.1 of Indian Electricity Grid Code (IEGG) stipulates for advance preparation of annual outage plan for the grid elements by the concerned RPC Secretariat.
In accordance with the above provisions, all State/Central Transmission utilities/ licensees related to Northern Region are requested to submit their annual outage plan of transmission elements in the enclosed format (Annexure-I) for the FY 2020-21 to NRPC Secretariat.
SLDCs are requested to co-ordinate with State Transmission Utilities I Licensees within their state and submit the data. The above information may kindly be submitted in the prescribed excel format by email to **seo-nrpc@nic.in** by **30th September 2019**.

It is also intimated that meeting for annual outage planning for transmission elements during FY 2020-21 will be held at **10.30 AM on 11.10.2019 (Friday)** at NRPC Secretariat, New Delhi.

OCC requested all the department to submit the data at the earliest.

3.2 Implementation of Automatic Demand Management Scheme 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. In last OCC meeting, NDMC has informed that the works of ADMS are in progress & expected to be successfully completed by September-2019. NDMC shall update the latest status.
In 163rd NRPC OCC, BRPL representative has given presentation on ADMS.

No representative of NDMC attended the meeting.

3.3 Daily Energy Consumption of Delhi Drawl from 400kV Mandola S/Stn.

400kV Mandola S/Stn. is a PGCIL substation dedicated to Delhi region with capacity of 500MVA * 4 ICT's and 08 no. of 220kV circuits are connected to 220kV DTL substations i.e. Narela, Wazirabad and Gopalpur.

400kV Mandola is now an unmanned S/Stn. and the daily Energy consumption (MUs) for 400kV Mandola s/tn is calculated from SCADA data instead of metered reading of ICT's.

At certain times the SCADA data is not reliable and affects the Energy consumption calculation for Mandola S/Stn. This leads to variation in Daily Energy Consumption calculation for Delhi.

As per the Central Electricity Authority (Furnishing of Statistics, Returns and Information) regulation notified on 10.04.2007 the daily energy consumption along with other power system related data is to be submitted to CEA. Due to the non-availability of energy meter data from Mandola with regard to drawal of power by Delhi through 400/220kV ICTs at Mandola (approximately 15% of total power demand of Delhi is met through these ICTs), the energy consumption of Delhi can't be computed on daily and actual basis. It was also observed that as per the metering regulations of CEA notified

on 07.03.2006 energy meters should be installed at both ends (sending and receiving end) as such OCC advised DTL to install energy meters at SOW, Gopalpur & Narela on Mandola Ckts if not installed already and provide daily energy data to SLDC to compute the drawal from Mandola S/Stn. OCC further advised SLDC to raise this issue in next NRPC OCC meeting to get the data from Mandola.

3.4 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 analyze the requirements for sustaining Local Island at GT station.
The matter was deliberated in the 12th (2018-19) Delhi OCC meeting held on 28.03.2019 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.

In 5th Delhi OCC meeting (2019-20), OCC expressed concerned on the inordinate delay in the matter.

The committee shall update on progress.

DTL protection department informed that the matter has been discussed with PPCL. DTL shall give control of 220 kV bus coupler to PPCL/IPGCL after that they can control the synchronization of circuit breaker.

3.5 Information required by FOLD:

a) Delhi has total generating capacity of 2024 MW in which 1972 MW is Gas Based Plants and 52MW is waste to Energy Plants. However, data pertaining to solar/rooftop generation is not available to SLDC Delhi which may help in more informed forecasting and planning.

TPDDL & BYPL have already submitted the desired data.

The details from BRPL, MES and NDMC have not received till date.

Dial solar generation in (MUs) for August month has received on 20th sept 2019 where as SLDC has to submit the reports of previous month in the format 28 (by first working day of current month) & format 29 (15th day of current month) to NRPC.

Representatives of DIAL did not attend the meeting.

b) In 29th FOLD Meeting held on 14.05.2019; it was suggested that all SLDC should have data regarding type of load and its characteristics. It was also advised to all SLDC's to segregate its load i.e. residential, commercial and industrial as it may help in forecasting demand.

All Discoms were requested to give segregated data of load and its characteristics in their operational areas to SLDC Delhi.

SLDC has not received any information from any of the discoms since May-2019.

As informed, DISCOMs has already submitted the data.

4. BRPL Agenda

4.1 Breaker Indication Status of 66KV/33kV Outgoing feeders from DTL 220KV grids.

1. BRPL required breaker status of all 66KV/33KV outgoing feeders.
2. For immediate supply restoration to other alternate sources in case of any outage from DTL 220KV girds without waiting.
3. Immediate restoration of critical zone grids is to be ensured like Palam, DIAL, Railways etc

It was observed that utilities should install Line Differential Relays (LDR) on their respective feeders. The information can be extracted from the relays. OCC advised to proceed accordingly.

4.2 Nomenclature updation of BRPL feeder:

1. Nomenclature updation of BRPL feeders is still pending.
2. To avoid any miss happening updation to be completed as soon as possible.
3. Status and time line to be shared by DTL.

OCC requested Planning department DTL to expedite the matter.

4.3 Reactive Power Control

A) 66KV /33KV Bus bar voltage for Reactive Power Control:

1. BRPL want to closely monitor and control reactive power where we need 66KV bus bar or 33KV bus bar for necessary reactive power corrections at our end.
2. Real time voltage measure and though
   a. FRTU (at existing DTL 220KV stations) or
   b. ICCP where FRTU not available.

BRPL informed that some substations had already installed this system and they will install at rest of the substations which would help them to regulate the reactive power. OCC advised them to move a separate proposal to DTL for the same.

B) Installation of meter for Reactive Power flow study:

BRPL wants to do pilot study by installing new meter on outgoing feeder from DTL 220KV station on any two DMRC/DIAL feeder.
BRPL requesting SLDC to give permission and necessary approval.

OCC advised them to send letter with proper proposal.

4.4 IT rack installation at 220KV Grids

In continuous to previous OCC discussion, BRPL proposed permission for IT rack installation at DTL 220KV grids.

IT Rack Details

Rack Specification:		
Size	Dimensions	Installation Type
12U	590*600*440 mm	Wall-mounted
18U	90*60*85 cm	Floor

Locations:

IT Rack Required at DTL location		
S.No	Location	Quantity
1	DTL Mehrauli	1
2	DTL Sarita Vihar	1
3	DTL R.K Puram	1
4	DTL Okhla	1
5	DTL Mundka	1
6	DTL PPK-3	1
7	DTL Vasantkunj	1
8	DTL Lodhi Road	1
9	DTL PPK 1	1
10	DTL Naraina	1
11	DTL IP Station	1
12	DTL DIAL	1

OCC advised them to send letter with proper proposal.

5. 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 04.10.2019**
1.	66kV PARK STREET – RIDGE VALLEY CKT.-I	BRPL	01.06.2019	'Y' PH. CABLE FAULTY. The fault has been identified near Shyama Prasad Mukherjee Swimming Pool of NDMC area. The road cutting permission has been accorded by NDMC.
2.	33kV RIDGE VALLEY - KHEBAR LANE CKT.-II	BRPL	01.06.2019	'Y' PH. Single CABLE FAULTY. It is re-located by NHAI.
3.	33kV RIDGE VALLEY - KHEBAR LANE CKT.-I	BRPL	01.06.2019	'Y' PH. Single CABLE FAULTY. It is re-located by NHAI.
4.	33kV OKHLA (220KV) - MASJID MOTH CKT.	BRPL	16.08.2019	The circuit is being rerouted.
5.	66kV RIDGE VALLEY - O/G NDMC GUEST HOUSE CKT.	BRPL	14.09.2019	'Y' PH. CABLE FAULTY. NDMC maintaining this.

6.	66kV MUNDKA - NANGLOI CKT.	BRPL	03.02.2019	'Y' PH. CABLE FAULTY. OCC advised to rectify the fault at the earliest for ensuring more evacuation from Mundka.
7.	66kV NANGLOI - NANGLOI WATER WORKS CKT.	BRPL	17.05.2019	'R & Y' PH. CABLE FAULTY.
8.	33kV REWARI LINE - VISHAL CKT.-I	BRPL	10.09.2019	'Y' PH. SINGLE CABLE FAULTY. Fault is cleared and line charged.
9.	220kV PPK -II - 66kV HASTAL CKT.-II	BRPL	17.09.2019	'R'PH. SINGLE CABLE FAULTY. Fault is cleared and line charged.
10.	33kV PARSVNATH MALL-KAILASH NAGAR CKT(1ST CABLE)	BYPL	21.08.2019	ALL PHASE FAULTY. DIGGING IN PROGRESS, pending due to PWD work. Expected date to become normal 15-10-2019.
11.	33kV SHASHTRI PARK|(E) - SEELAMPUR CKT.	BYPL	31.08.2019	'R' & 'B' PH. 2ND CABLE FAUTLY. pending due to PWD work. Expected to be charged by 15-10-2019
12.	220kV DSIDC BAWANA - 66kV BAWANA -I CKT.-I	TPDDL	21.09.2019	CABLE FAULTY. Charged on 25-09-2019.
13.	33kV BAY -42 (IP - CONNAUGHT PLACE)	NDMC	26.07.2019	'B'PH. CABLE FAULTY. No information provided.
14.	66kV GT - SCHOOL LANE CKT.-II	NDMC	31.08.2019	CABLE FAULTY. Ckt already energized.
15.	66kV GT - SCHOOL LANE CKT.-I	NDMC	21.09.2019	UNDER SHUT DOWN. Ckt already energized.
16.	220kV NARAINA - 33kV SHEKHAWATI CKT.-I	MES	14.09.2019	CABLE FAULTY. Ckt already energized..
17.	220/66kV 160MVA PR.TR.-III AT 220kV VASANT KUNJ	DTL	26.04.2018	TRANSFORMER BURNT DUE TO FIRE. TO BE REPLACED. Expected by Oct-2019 end.
18.	33kV BUS COUPLER AT KASHMERE GATE	DTL		TRIPPING COIL PROBLEM. Bus coupler already Energized on 24.09.2019.
19.	220/33kV 100MVA PR. TR.-I AT 220kV RPH STN.	DTL	03.09.2018	TRIPPED ON BUCHOLZ AND DIFFERENTIAL RELAY. PR. TR FAILED. Expected to be replaced by Oct-2019 end.
20.	220/66kV 100MVA PR. TR.-I AT 220kV OKHLA STN.	DTL	27.09.2018	'Y' PH. WINDING DAMAGED. PR. TR FAILED. To be replaced with 160 MVA Transformer by end of Oct-2019.
21.	PATPARGANJ - 220/33kV 100MVA PR.TR.-I	DTL	10.01.2019	TR. DAMAGED. TO BE REPLACED. To be replaced by Nov-2019 end.
22.	GAZIPUR:- 220/66/33kV 100MVA PR.TR.-I	DTL	22.03.2019	TRANSFORMER DISMANTLED AND SHIFTED TO RPH FOR TR.-II. New 160 MVA Transformer has reached at site. Expected to be energize by Dec-2019 end.
23.	BAWANA: - TIE BREAKER NO. 652 OF 315MVA ICT-III	DTL	22.08.2019	SHUT DOWN FOR REPLACEMENT OF CKT. BREAKER. EXPECTED BY 24.09.2019. Breaker already replaced.
24.	BAWANA: - CKT. BREAKER NO. 552 OF 315MVA ICT-III	DTL	06.09.2019	SHUT DOWN FOR REPLACEMENT OF CKT. BREAKER. EXPECTED BY 24.09.2016. Breaker already replaced.
25.	MEHRAULI- 20MVA PR.TR.-I	DTL	19.09.2019	SHUT DOWN FOR PRE MAINTENANCE WORK. EXPECTED BY 24.09.2019. Tx started again.

OCC Additional Agenda

PPCL agenda:

Bawana:-Regarding STG#2, Outage at PPS#3 Bawana w.e.f 09.10.2019 to 21.10.2019

STG#2 Outage at wef 09.10.2019 is required to carry out some preparatory jobs by BHEL and Performance Testing of Module #2 upto full load operation of complete module.
1) The STG#2 shall be under outage wef 09.10.2019 upto 21.10.2019.
2) Simultaneously during above outage GT#3 and GT#4 will also be kept out of DC for 4 days (Tentatively) one by one. However for remaining duration GT#3 and GT#4 shall remain available on Open cycle mode.
3) During above duration the Module#1 shall remain available for full load operation and our tentative maximum DC shall be as under:
i. 09.10.2019-16.16.2019 856 MW (640MW in CC+216MW in Open Cycle)
ii. 17.10.2019-21.10.2019 1072 MW (640MW in CC+432MW in Open Cycle)
iii. Wef 22.10.2019 1280 MW (Full DC of both the Modules)

4) **W.e.f 22.10.2019 the Module#2 shall be started for performance testing on different loads taken upto Full load operation for about 3-4 Hrs or as per the requirements of BHEL.** The exact schedule requirements shall be communicated before hand on one day ahead basis.
OCC is requested to please consider the request to allow above outage and grant generation scheduling during performance testing as per the actual requirements.

After deliberation OCC agreed the proposal.

TPDDL Agenda:

i) Nomenclature update of 11kV feeders emanating from DTL Grids

Tata Power-DDL had submitted formal request with DTL approx. two months back for updating the nomenclature of 42 no. of 11kV outgoing feeders emanating from DTL grids. As per latest update available, said request is rejected by the Planning department, DTL stating that submitted request is not in proper format.
DTL is requested to provide with a sample filled-up format for such requests, as early as possible, so that said request may be re-submitted by Tata Power-DDL after making necessary changes.

OCC requested Planning department DTL to expedite the matter.

ii) Frequent tripping of 160MVA Transformer-2 at 220kV Gopalpur Grid

Tata Power-DDL is planning to take outage of 220kV Narela to Bhalswa Circuit -1 & 2 for next three months, straight for replacing existing conductor as well as increasing heights of few of the towers. Load of both these circuits would be served from 160MVA Trasnformer-2 at 220kV Gopalpur Grid.
However, said transformer has tripped four times (twice on 11th Sep and once on 14th Sep and 18th Sep, each) ever since it was charged on 1st Sep'19 thus raising apprehensions over its reliability aspect.

DTL is requested to share the specific reasons for such frequent tripping of said transformer so that Tata Power-DDL may plan outage of its associated circuits, suitably. Additionally, DTL is requested to ensure the availability of said transformer during Tata Power-DDL outage duration.

DTL submitted that frequent tripping occurred during commissioning and testing period. Now the system is stable and reliable.

DTL Agenda:

3). Kashmiri Gate Agenda

There are 3Nos of 11kV feeders of BYPL those are supplying power to Electric crematorium from 220KV Kashmere gate s/stn.

1. 11KV Electric crematorium
2. 11kv Bela Road
3. 11kv GPO

All 3 feeders are connected to same bus i.e. 11kV Bus 2 which is being supplied from 16MVA transformer. Electric crematorium is important feeder which requires uninterrupted supply. As such reliability of power supply should be ensured.
To increase the reliability of power supply, it is proposed to shift either Bela Road or GPO feeder to another bus i.e. 11kV bus-1 being fed from 20MVA transformer.
During previous OCC meeting it was informed by BYPL that as per the present commercial arrangement 20MVA Trf. at Kashmere Gate is fully booked to TPDDL and 16MVA Trf. is booked to BYPL except one feeder of TPDDL(i.e. 11kV Mahavir ice factory). At present there are 04 no. meters being used for energy accounting, one at 33kV side of 20MVA Trf., one at 11kV Bus coupler, one at 11kV Mahaveer Ice Factory(TPDDL feeder) and one to measure the local consumption .i.e. 11/440V(400kVA).

OCC advised that the reliability of power supply is more important than the commercial issues. As such the suggestion of O&M Deptt of DTL should be considered by BYPL. It was also suggested that the interchanging of the feeders should not be carried out with local transformer as the CT ratio of local Trf. is 30/5A whereas that of feeder is 300/400/5A. According metering deptt. has to install new meters for the measuring the energy consumption as per the new arrangement.

On Table Agenda

DTL Agenda: Shutdown of 100MVA Tx-3 for dismantling of Tx at 220 kV Najafgarh.

Shutdown planned from 01.10.2019 for dismantling of out lived 100MVA Tx No-3 for augmentation with 160 MVA Transformer:-

S.No	Date of S/D	Duration	Name of Element	Work to be carried out	Load Transferred to
1	From 01.10.19	09:30 Hrs	100 MVA Tx-3	Dismantling of Tx, Civil work & erection of 160 MVA Tx	Load transferred to 100 MVA Tx-1,2 & 4

Max Load Position (Incomer) of last 7 days

Date	100 MVA Tx-1	100 MVA Tx-2	100 MVA Tx-3	100 MVA Tx-4
20.09.19	620 A	645 A	620 A	645 A
21.09.19	570 A	585 A	570 A	585 A
22.09.19	605 A	520 A	605 A	520 A
23.09.19	540 A	530 A	540 A	530 A
24.09.19	410 A	515 A	410 A	515 A
25.09.19	440 A	470 A	440 A	470 A
26.09.19	630 A	420 A	630 A	420 A

OCC approved.

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