

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

**AGENDA OF OCC MEETING DT. 28.09.2016**

**Date** : 28.09.2016 (Wednesday)  
**Time** : 10:30 AM  
**Venue** : Office of GM(O&M)-I, Park Street.

**1.0 Confirmation of minutes of OCC meeting dated. 30.08.16.**

An OCC meeting was held on 30.08.16 in accordance with the agenda circulated vide letter dt. 29.08.16. Minutes of the aforesaid OCC meeting were issued vide letter dt. 09.09.16.

Members may like to confirm the same.

**2.1 Status of Hot Reserve of transformers at all levels.**

DTL to update the status of 100MVA hot reserve transformer and cold reserves at 66kV and 33kV level:

S. No	Capacity	Present population in nos.	Status of the hot reserve as on 30.08.16
1.	220/66kV Tx 160MVA	22	DERC approved 160MVA Transformer at PPK-II as hot reserve. However, load has been taken on same transformer. Considering the loading conditions at PPK-II and light load conditions at Kanjhawla, OCC advised DTL to consider 160MVA Transformer at Kanjhawla as hot reserve for next two years and members agreed for the same. OCC advised DTL planning to inform the same to DERC. DTL Planning to update.
2.	220/66kV Tx 100MVA	42	DTL informed that tender for supply and ETC of 220/66/33kV 100MVA Tx as hot reserve at 220kV Patparganj Substation has been awarded. Tx. is expected to be commissioned before March, 2017. OCC advised DTL planning to propose in steering committee meeting for having another 100MVA Tx as spare in DTL system. DTL Planning to update.
3.	220/33kV Tx 100MVA	37	
4.	66/11kV 20MVA Tx.	24	DTL Planning department informed that the scheme for 25MVA power transformers has been prepared and however the same are for replacement and not for reserve. OCC advised DTL O&M department to send proposal to Planning department for consideration of one 25MVA power transformer each as cold reserve at 66kV and 33kV Levels in upcoming scheme. O&M to update.
5.	33/11kV Tx. (16 and 20MVA)	16	

## **2.2 Sheath earthing of all outgoing 66kV cable at 220kV Pappankalan-II substation.**

DTL informed that the sheath earthing of all outgoing 66kV cables are to be properly strengthened at 220kV PPK-II Substation. DTL informed that earthing of 66kV GGSH and 66kV Matiyala circuits are not proper.

During the meeting dt.30.08.16, OCC advised BRPL to look into the same and ensure adequate earthing to avoid unwarranted damage to the cable and maintain continuity of supply.

BRPL to update.

## **2.3 No protection on 11kV feeders emanating from 220kV Gazipur substation.**

DTL O&M Substation in-charge of Gazipur informed that there is ‘‘NO protection/ circuit breaker’’ exist at BYPL end on 11 KV out going feeders emanating from Gazipur.

The issue has been deliberated during meeting dt.30.08.16 and OCC advised BYPL to submit the status of protection of 11kV feeders emanating from 220kV Gazipur substation to DTL substation in-charge and OS department before next OCC meeting.

BYPL to update.

## **2.4 Providing approach passage to DTL Property, tower no. 351 of 220kV SOW-Geeta Colony Line.**

DTL informed that one of tower of 220kV SOW-Geeta Colony D/C line identified as T. No. 351 lies in premises fenced and guarded by Indian Railways. In case of breakdown/ emergency and regular maintenance in transmission system, approach passage to the said tower is required, but construction around the tower prevents DTL breakdown team to reach the location. DTL has taken up with Northern Railways at many instances, but no action has been taken till date. Accordingly, DTL requested OCC to deliberate the issue with Railways.

DTL and Railways may deliberate.

## **2.5 Alternative supply arrangement for IGI Airport, Delhi**

DTL informed that at present, IGI airport is being provided supply from only one source i.e. 220kV DIAL substation. In this regard, DTL requested IGI Airport authority i.e. GMR to have alternative power supply source in case of DIAL grid failure.

GMR and members may deliberate

### **3.0 SLDC Agenda Points**

#### **3.1 Power supply failure to DMRC from DTL sub-stations.**

DMRC vide letter no. DMRC/O&M/TR/RSJ/T-4(11) dated 12.07.2016 has reported failure of power supply to DMRC from various grid sub-stations of DTL which affected the operation of metro train services badly. Details of disruptions are attached as Annexure-1

During OCC meeting dt. 28.07.16, SLDC informed that the majority of trippings provided by DMRC leading to power supply failure to DMRC are not attributable to DTL. OCC also advised DMRC to review their electrical network in view of increased load as number of coaches and trains have increased.

During meeting dt.30.08.16, OCC advised DMRC to take up with DGM(Protection) of DTL for the deliberation of issue in Protection Co-ordination committee meeting or in a separate joint meeting of DMRC, GTPS and DTL.

DTL and DMRC to update.

#### **3.2 Synchronization of 12 MW Gazipur Waste to Energy Plant.**

The Waste to Energy Plant of EDWPCL is connected at 66KV level to the 220/66KV Gazipur sub-station of DTL. The 66KV feeder connecting the plant to the sub-station was charged on 19.08.2015. Thereafter, the plant was drawing power from BYPL through DTL substation at Gazipur.

On **21.10.2015**, the plant itself synchronized with the grid without informing to the control room of SLDC and started injecting power in to the grid. The plant has now requested to consider the said date as date of synchronization.

Regarding date of synchronization, it is informed that the generator is required to obtain the permission of the SLDC, Delhi (concerned load dispatch Centre in its case) before injecting its infirm power into the grid.

The relevant clause 8.(7) of the Central Electricity Regulatory Commission (Grant of Connectivity, Long-term Access and Medium-term Open Access in inter-State Transmission and related matters) Regulations, 2009 is reproduced here under for clarity in this regard:

*'A generating station, including captive generating plant which has been granted connectivity to the grid shall be allowed to undertake testing including full load testing by injecting its infirm power into the grid before being put into commercial operation, even before availing any type of open access, after obtaining permission of the concerned Regional Load Dispatch Centre, which shall keep grid security in view while granting such permission.'*

It is further informed that the telemetry data of the generator end/ SACDA data which is required in SLDC before synchronization is still not being made available by the 12 MW Gazipur Plant.

During OCC meeting dt. 28.07.16, EDWPCL informed that they have synchronized with Gazipur grid on **21.10.15** for turbine testing and de-synchronized after the testing. OCC advised EDWPCL to inform and take permission from Delhi SLDC before actual synchronization of their system with grid. OCC further advised EDWPCL to submit the relay settings at their end to DTL Protection and OS divisions for review. EDWPCL informed that they shall submit the same to DTL. EDWPCL further informed that their communication system is ready and requested DTL to kindly check the same.

During meeting dt.30.08.16, OCC advised EDWPCL to submit the telemetry data to SLDC within 2 weeks before proceeding to next step.

EDWPCL to update.

#### **4.0 Joint Checking of Overhead Power Line crossings (TPDDL) with railway representatives.**

Railways informed that due to sharp increase in falling of power line crossings on railway traction wire, which resulting into extensive damage to 25kV Traction equipments and disruption of railway traffic. As such railways requested to carry out joint survey of all overhead power line crossings of TPDDL with railway representatives to avoid any failure of these crossings in future.

During meeting dt. 30.08.16, OCC advised DTL and DISCOMs to nominate the representatives for joint inspection of transmission lines along railway crossings from their end and send the same to Railways for suitable dates of inspection.

DTL and DISCOMs to provide their nominations for joint inspection with Railways.

#### **5.0 Shutdown of Generation Plant (TPDDL agenda)**

On dated 17.07.2016, Delhi DISCOMs had given consent for shutdown of one unit of NTPC-Jhajjar. NTPC-Jhajjar has two major beneficiaries - Delhi & Haryana, both with 46% share. So consent of both was required to shut down unit.

However due to paddy season Haryana required its full share from the plant. Haryana was ready to give consent provided they received their full share from the plant. In such a scenario a mechanism at NRLDC level is required which allows NTPC-Jhajjar to shut down one unit and curtailing the schedule of Delhi Only. Of the two remaining units, Haryana will continue to receive its full share, while Delhi will only receive the rest. A real-time change of allocation percentages in such scenarios is required.

During the OCC meeting dt.28.07.16, OCC advised SLDC and DISCOMs to have a separate meeting at SLDC building to deliberate on the aforesaid issue before proposing to NRLDC/NRPC.

During OCC meeting dt. 30.08.16, SLDC informed that meeting is yet to be convened. OCC advised SLDC and DISCOMs to have meeting on the aforesaid issue during 2<sup>nd</sup> week of September, 2016.

SLDC and DISCOMs to update.

#### **6.0 Permission for installation of communication equipment in DTL premises (BYPL Agenda Point)**

As per OCC meeting dt. 04.05.16, BYPL submitted request for permission to install BYPL equipment like network rack, tower etc for new Link connectivity for FRTUs installed in the DTL grids.

BYPL requested DTL to provide update on the status of request/permission for the same, as the FRTU communication equipment installed presently are outdated and are not working as required for BYPL Operations.

During the OCC meeting dt.30.08.16, BYPL informed that they have not submitted any request letter to Director (Operations), DTL till date. OCC again advised BYPL to request. DTL at the earliest for further necessary action. OCC further advised DTL and BYPL to explore the possibility of communication of 11kV feeders in similar way to that of 66kV and 33kV feeders.

BYPL to update.

#### **7.0 Details of Supply failure and grid disturbances on monthly basis (DMRC agenda).**

DMRC requested SLDC to provide the details of supply failure from DTL and grid disturbances on monthly basis as DMRC is also affected from such grid disturbances and power supply failures.

DMRC and SLDC may deliberate.

#### **8.0 Overhauling of Module-II Steam turbine and generator at GTPS (PPCL Agenda)**

PPCL informed that they have planned to take GTPS module-II on shutdown for overhauling of steam turbine and generator. The expected schedule is from 15<sup>th</sup> October, 2016 to 14<sup>th</sup> November, 2016 and all the other units of GTPS shall be available. This is for kind information of all members.

### 9.0 Proposed shutdowns of DTL

DTL proposed the planned shutdowns for the month of October, 2016 as per enclosed Annexure.

Members may deliberate.

### 10.0 Long/Recent outage of Elements in Delhi power system.

Members to update the status of following Long/Recent outage of Elements in Delhi Power system:

S. No.	Element's Name	DISCOM /DTL	Date and Time of outage	Remarks/ Status as on 23.08.16
1.	33kV BAY -3 (IP – Kilokri)	BRPL	22.02.11	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.
2.	33kV RIDGE VALLEY - KHEBAR LINE CKT.-I	BRPL	08.02.15	Breaker faulty. To be revamped by including in GIS. GIS is commissioned. SCADA work is in progress. Expected by 30.10.16
3.	33kV RIDGE VALLEY - KHEBAR LINE CKT.-II	BRPL	31.01.16	GIS is commissioned. SCADA work is in progress. Expected by 30.10.16
4.	66kV RIDGE VALLEY-V.KUNJ CKT.-II AT RIDGE VALLEY	BRPL	13.02.16	UNDER SHUT DOWN
5.	66kV RIDGE VALLEY - V.KUNJ CKT.-I	BRPL	25.02.16	UNDER SHUT DOWN
6.	20MVA PR.TR.-III AT VSNL	BRPL	20.07.16	UNDER BREAK DOWN
7.	33kV LODHI RD -EXHIBITION GROUND-II CKT.	BRPL	22.09.16	Y'PH. SINGLE CABLE FAULTY
8.	33kV BAY - 5 (IP - LAJPAT NAGAR)	BRPL	22.09.16	'B'PH. SINGLE CABLE FAULTY
9.	33kV ROHTAK ROAD - MADIPUR CKT.	BRPL	28.05.16	CABLE FAULTY. EXPECTED BY 30.09.16
10.	66kV SAGARPUR - REWARI LINE CKT.	BRPL	30.07.16	'B'PH. CABLE FAULTY. EXPECTED BY 30.09.16

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11.	30MVA PR.TR. AT NANGLOI	BRPL	18.08.16	UNDER SHUT DOWN. EXPECTED BY 30.09.16
12.	33KV PANDAV NAGAR - DMS CKT.	TPDDL	03.04.16	PROBLEM IN RMU. EXPECTED BY 30.10.16
13.	66KV ROHINI SEC.-28 - ROHINI -VI CKT.-I	TPDDL	15.06.16	Y'PH. CABLE FAULTY. ROAD CUTTING PERMISSION REQUIRED. EXPECTED BY 10.09.16
14.	33kv NARAINA(220kv) - O/G PVR PAYAL CKT.	TPDDL		'R', Y'AND 'B'PH. SINGLE CABLE FAULTY
15.	33kv LODHI ROAD - BHARATI NAGAR CKT.	NDMC		CABLE FAULTY
16.	33kv BAY-42 (IP - CONNAUGHT PLACE)	NDMC		Y'AND 'B' PH. CABLE FAULTY
17.	400kv BAMNAULI - JHAKTIKARA CKT.-I	DTL	22.05.16	Tower erection work is yet to be started. In process of tendering.
18.	220/66kv 100MVA PR.TR.-III AT 220kv PPK-I	DTL	04.09.16	HV SIDE Y' PH. WINDING DAMAGED.
19.	220/33kv 100MVA PR.TR.-II AT 220kv PARK STREET	DTL	11.09.16	PUT OFF DUE TO RISING IN OIL TEMPERATURE.

**11.0 Any additional agenda points with the permission of the Chair.**

**12.0 Date and time of next OCC Meeting.**