

DELHI TRANSCO LIMITED
(Regd. Office: Shakti Sadan, Kotla Road, New Delhi-110002)
Office of Dy. Gen. Mgr. (OS & Lines)
220KV S/Stn. Bldg. Naraina, New Delhi-110010
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MINUTES OF THE OCC MEETING DT. 13.02.2015

GM (O&M)-I, DTL, Chairman-Delhi OCC welcome the members and distinguished guests to the meeting. He informed that Power Supply position during the previous month of January 2015 was quite satisfactorily.

List of participants is attached.

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

1.0 Confirmation of minutes of OCC meeting dtd. 13.01.2015

Last OCC meeting was held on 13.01.15 in accordance with the agenda circulated vide letter dt.29.12.14. Minutes of the aforesaid OCC meeting were issued vide letter dated 16.01.2015.

Members confirmed the same.

2.1 Setting up of control room by MES.

MES has to set up an independent control room and SLDC is providing Consultancy services. During earlier OCC meeting, MES informed that the construction work of Control room building at Khyber Line was in progress and they were waiting for the Communication Specifications from DTL. During the OCC meeting dt.13.01.15, MES informed that the queries raised by the vendors during pre-bid meeting are being answered and the same shall be completed by 15th January, 2015. MES also informed that BOQ of communication part is pending.

SLDC and MES informed that MoU have been signed by them. MES informed that tendering is in process.

OCC advised to expedite.

(Action by MES)

2.2 Status of Installation of Capacitors – Study by Planning Deptt., DTL

DTL had entrusted CPRI to study the installation of shunt capacitors in Delhi system on the advice of OCC. Accordingly CPRI carried out the study for reactive power compensation in Delhi. Final report had been submitted by CPRI and for its implementation; a copy of report had been emailed to all DISCOMs and GENCOs.

In the OCC meeting dt.13.01.15, DTL informed that during 33rd meeting of NRPC held on 11 Nov.2014 at Chandigarh it was decided that NRPC will hold a meeting with DTL and POWERGRID to finalize the requirements of reactors.

A meeting has been scheduled with internal stake holders by SLDC on dt.18.02.15 regarding reactive power study.

(Action by SLDC, DISCOMs, DTL)

2.3 Status of Hot Reserve of transformers at all levels.

DTL updated the status of following hot reserves:

S. No	Capacity	Present population in nos.	Status of the hot reserve as on 13.01.15	Remarks
1.	220/66kV, 160MVA Tx	7	DTL planning informed a scheme for additional 160MVA transformer has been prepared and is in process of approval. Tx is expected by the end of March, 2015.	DTL informed the same is under procurement process and expected by the end of June, 2015.
2.	220/66kV, 100MVA Tx	42	An indent is being placed for 220/66/33kV 100MVA Tx as hot reserve.	DTL informed that PR has been raised and Tx is expected by the end of December, 2015.
3.	220/33kV, 100MVA Tx,	33		

(Action by DTL)

2.4 Long/Recent outage of Elements in Delhi power system as on 11.02.2015 at 08:00 Hrs.

Members updated the status of Long/Recent outage of Elements in Delhi Power system as below:

S. No.	Element's Name	DISCOM/D TL	Date and Time of outage	Remarks/ Status as on 13.02.2015
1	33kV BAY -3 (IP – Kilokri)	BRPL	22.02.11	Clearance from Railways for laying of Underground cables near Bhairon Road is pending. DTL informed that railways has issued the order for carrying maintenance work along railway lines without any charges and advised BRPL to take up with railways for revival of circuit.
2	66kV Vasant Kunj – Ridge Valley Ckt.-II ('Y' Ph. Cable)	BRPL	13.01.14	Contract is to be awarded for laying new cable.
3.	33kV Okhla (220kV) – Alaknanda CKT.-I	BRPL	17.09.13	Panel replacement work to be started by BHEL. Expected by the end of March, 2015.
4.	33kV BAY-5 (IP – Lajpat Nagar) along with 33KV ½ BUS at Lajpat Nagar.	BRPL	01.03.14	Panel replacement work started by BHEL. Expected by the end of February, 2015.

5.	33kV Kilokri – Jamia CKT. ('R' & 'B' Ph. Cable)	BRPL	15.03.14	Joint inspection by DTL and BRPL to be carried out for open trench laying of cable by BRPL.
6.	33kV VSNL – Nehru Place Ckt. (single cable)	BRPL	02.07.14	Expected by 28.02.15
7.	66kV MUNDKA(400kV)- NANGLOICKT. (PUT OFF)	BRPL	11.11.14	Put off due to frequent cable faults
8.	33/11KV 16MVA PR. TR.-III AT ALAKNANDA	BRPL	31.12.14	Breaker damaged. expected by 15 TH FEBRUARY 2015.
9.	33kV PASCHIM VIHAR CKT-II AT MUKHERJEE PARK	BRPL	30.12.14	Expected by 14.02.15
10.	30MVA PR.TR.-II AT VASANT KUNJ 'B' BLOCK	BRPL	11.01.15	Expected by 14.02.15
11.	33kV VASANT KUNJ B BLOCK - LEVER INST CKT-II	BRPL	11.01.15	Expected by 15.02.15
12.	33kV NIZAMUDDIN - EXHIBITION GROUND -I	BRPL	20.01.15	CKT. put OFF
13.	66kV NAJAFGARH - G-5 PAPPANKALAN CKT-I	BRPL	28.01.15	Expected by 17.02.15
14.	66kV PPK -I BODELLA -I CKT.	BRPL	01.02.15	Expected by 18.02.15
15.	33kV RIDGE VALLEY - KHEBAR LINE CKT.-I	BRPL	08.02.15	Expected by 14.02.15
16.	33kV RIDGE VALLEY - KHEBAR LINE CKT.-I&II	BRPL	09.02.15	Expected by 14.02.15
17.	66/33kV 50MVA PR. TR.-I at Gonda	BYPL	15.06.14	Tx has been sent to Works for repairing. Expected by the end of March, 2015.
18.	66kV PATPARGANJ(220kV) - GH-I CKT.-I&II(SHUT DOWN)	BYPL	27.11.14	Expected by 28.02.15
19.	33kV BHAGIRATHI - KARAWAL NAGAR CKT-I	BYPL	21.01.15	Expected by 24.02.15
20.	66kV GT - AKSHARDHAM CKT.	BYPL	03.01.15	Re-routing of the cable to be carried out because of cable theft issue.
21.	33kV PARK STREET(220kV) - FAIZ ROAD CKT.-I	BYPL	20.01.15	Expected by 20.02.15
22.	33kV BHAGIRATHI - DWARKAPURICKT.	BRPL	08.02.15	Energized on 10.02.15
23.	33kV SUBZI MANDI(220kV) - SHAHZADA BAGH CKT.-I 2ND CABLE	TPDDL	06.02.15	Energized on 12.02.15
24.	66kV PPK(220kV) - REWARILINE CKT.-II	TPDDL	10.02.15	Expected by 17.02.15
25.	33kV SCHOOL LANE - VIDYUT BHAWAN CKT.	NDMC	14.12.14	Replacement work is under progress at 66kv school lane s/stn. expected by MARCH 2015 END
26.	66kV DMRC CKT.-II AT 220kV PPK-I	DMRC	17.05.13	Cable damaged due to fire. civil work for nala crossing in progress. expected by end of JUNE 2015.
27.	220kV MAHARANI BAGH - TRAUMA CENTRE CKT-I	DTL	19.12.14	Cable tripped and fault has been identified. The repair work to be started and expected by the end of March, 2015.

OCC advised members to expedite the work.

(Action by DTL, DISCOMs)

2.5 Shifting of Control Room at 220kV Indra Prastha Substation.

The control room of 220 and 33kV switchyard at Indraprastha substation was to be shifted from the old building of IP Power Station after its closure. During the OCC meeting held on dt. 20.10.14, GM (O&M)-II, DTL informed that a committee had been formulated regarding setting up of Control Room at I.P. Substation. DISCOMs requested that the construction and strengthening of boundary wall at I.P. Station should be considered on priority to avoid theft to some extent and safety of assets and maintaining continuity of supply.

During OCC meeting dt. 13.01.15, DTL informed that the estimate for the same has been prepared and is under process of approval. Setting up of control room is expected by the end of December, 2015. DTL also informed that the height of boundary wall shall be raised by the end of December, 2015.

OCC advised to expedite.

(Action by DTL)

2.6 Inspection of first switching substations for 11kV feeders emanating from 220kV S/S Najafgarh.

During the meeting dt. 20.10.14, OCC advised DTL and BRPL to inspect the first switching substations for the feeders emanating from 220kV Najafgarh, Pappankalan-I and Pappankalan-II substations so the tripping at 220KV substations are avoided.

The following members were nominated for carrying the said inspection:

1. Sh. Ram Kumar – Manager (T) 220kV O&M-III, DTL.
2. Sh. Bharat Lal Gujar, Manager(T) Protection-I, DTL
3. A representative from protection department of BRPL.

OCC advised DTL and BRPL to carry out the inspection at the earliest and report be deliberated in Protection Coordination Committee meeting.

2.7 Status of 220kV Peeragarhi substation

During last OCC meeting, DTL informed that the testing of 220kV Switchgear was in progress and M/S TBEA had to lay the 220KV cables in section. DTL also informed that the work of 24 joints and 12 terminations as part of laying the cable is in progress. DTL informed that efforts are on to pursue the contractor to complete the work as early as possible.

DTL informed that the work of 220kV cable i.e. Double circuit from Mundka to Peergarhi is expected by the end of March, 2015.

OCC advised to expedite.

(Action by DTL)

2.8 Back-feeding arrangement of 11kV feeders at 220kV S/Stn. Sarita Vihar.

During the OCC meeting dt. 13.01.15, DTL informed that the following 4 nos. feeders emanating from 220kV Sarita Vihar S/Stn. does not have any provision for back feeding and BRPL could not arrange for the same as such shutdowns for preventive maintenance of 11kV equipment are often refused by SLDC system Operation:

- Saurabh Vihar-I
- Saurabh Vihar-II
- Aali Village
- Jaitpur

BRPL informed that the back-feeding arrangement for the 11kV Aali Village and Jaitpur feeders has been done. However, for 11kV Saurabh Vihar-I & II do not have back-feed arrangement and at a time, one feeder shall be available as both the feeders are being fed from two different transformers at Sarita Vihar substation. The back-feeding arrangement for these feeders shall be expected by the end of FY 2015-16.

OCC advised that it may be taken on priority as there should be backfeeding arrangement at the BRPL end also.

2.9 Leakage from 33kV feeder at 220kV Trauma Centre S/S.

DTL informed that there has been a leakage of SF6 gas from 33kV out-going feeder i.e. Rajeev Gandhi Bhawan at 220KV S/Stn Trauma Centre and is out of service from past eight months. As per the OEM i.e. Schneider Electric (Formerly Areva), the leakage was mainly due to the improper termination/connecting of 33KV cable in GIS. DTL informed that the terminations of feeder cable is made by NDMC and due to improper workmanship the leakage from the panel took place, therefore, NDMC has to bear the cost. NDMC informed that the feeder was in service for a considerable time and the leakage may not be attributable to them.

OCC advised DTL to get it repaired and take up with NDMC after repair work.

(Action by DTL)

2.10 Status of additional allocated bay at 220KV Pappankalan-I S/Stn. for 66KV Bodela-1 grid

Earlier in OCC, DTL informed that one additional allocated bay for Bodela 1 grid at 220 kV Pappankalan –I S/Stn. was ready. BRPL informed that Commercial Agreement has been done.

During the OCC meeting dt, 13.01.15, BRPL informed that cable laying work is yet to be completed due to some issue in cable route.

BRPL informed that the cable is expected by the end of February, 2015.

(Action by BRPL)

3.0 Proposed Shutdowns

3.1 Proposed shutdown on various 220kV Lines

OCC approved the following shutdowns proposed by DTL on various 220kV Lines for carrying out maintenance activities:

S. No.	Proposed Date & time of S/D	Name of the feeder / equipment	Work to be carried out	Approved Date & time of S/D
1	18.02.15 (10:00Hrs to 17:00Hrs.)	220kV BTPS-Sarita Vihar Ckt-II	Replacement of dead end fitting (middle phase) at tower no.12	18.02.15 (10:00Hrs to 17:00Hrs.)
2	23.02.15 (10:00Hrs to 17:00Hrs.)	220kV BTPS-Mehrauli Ckt-I	Repairing of Jumper at T.No.3,4 and 14	23.02.15 (10:00Hrs to 17:00Hrs.)
3	24.02.15 (10:00Hrs to 17:00Hrs.)	220kV BTPS-Mehrauli Ckt-II	Repairing of Jumper at T.No.12,14 and 15	24.02.15 (10:00Hrs to 17:00Hrs.)

(Action by DTL)

3.2 Proposed shutdown at 220kV Okhla Substation

OCC approved the following shutdowns proposed by DTL at 220kV Okhla Substation:

S. No.	Proposed Date & time of S/D	Name of the feeder / equipment	Work to be carried out	Remarks	Approved Date & time of S/D
1	16.02.2015 (09:30Hrs to 17:30 Hrs.)	100 MVA Tx.V along with 220 KV Bus-II and 100 MVA Tx. III	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A	Load to be taken on 100 MVA Tx.IV	16.02.2015 (09:30Hrs to 17:30 Hrs.)
2	17.02.2015 (09:30Hrs to 17:30 Hrs.)	100 MVA Tx. III along with 220 KV Bus-II	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A	Load to be taken on 100 MVA Tx. IV & V	17.02.2015 (09:30Hrs to 17:30 Hrs.)
3	18.02.2015 (09:30Hrs to 17:30 Hrs.)	100 MVA Tx. II along with 220 KV Bus-II and 100 MVA Tx. III	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A	Load to be taken on 100 MVA Tx. IV	18.02.2015 (09:30Hrs to 17:30 Hrs.)
4	19.02.2015 (09:30Hrs to 17:30 Hrs.)	220 KV Bus coupler along with 220 KV Bus-II	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A	Load to be taken on 220 KV Bus-I	19.02.2015 (09:30Hrs to 17:30 Hrs.)
5	20.02.2015 (09:30Hrs to 17:30 Hrs.)	220 KV BTPS Ckt. I along with 220 KV Bus-I	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A	Load to be taken on 220 KV BTPS Ckt.II	20.02.2015 (09:30Hrs to 17:30 Hrs.)
6	21.02.2015 (09:30Hrs to 17:30 Hrs.)	33 KV Okhla Ckt-I	Replacement of 33 KV outlived MOCB with SF6 Breaker	Load to be taken on 33 KV Okhla Ckt-II	21.02.2015 (09:30Hrs to 17:30 Hrs.)
7	22.02.2015 (09:30Hrs to 17:30 Hrs.)	220 KV BTPS Ckt. II along with 220 KV Bus-I	Replacement of RYB ph. C.T's ratio 600-300/1-1-1 A with ratio 800-400/1-1-1-1-1 A and replacement of B ph CVT	Load to be taken on 220 KV BTPS Ckt.I	22.02.2015 (09:30Hrs to 17:30 Hrs.)
8.	18.02.2015 (0930 hrs) to 21.02.2015 (1700 hrs)	100 MVA 220/66 KV Trf NO.II	For internal inspection of Trf and filtration by M/s Aditya Vidyut Appliances due to development of High temp noticed during the recent test of DGA carried out by M/s CPRI.	--	18.02.2015 (0930 hrs) to 21.02.2015 (1700 hrs)

(Action by DTL)

3.3 Proposed shutdown by DMRC

OCC approved the shutdown of 220kV Narela – Rohtak Road Ckt-II proposed by DMRC for Raising the height of the said line infringing DMRC Corridor near Britannia Fly Over of Mukundpur-Shiv Vihar Corridor of Delhi MRTS Phase-III subject to press release by DMRC and BRPL/TPDDL. However, the shutdown of both the circuits simultaneously shall be availed in consultation with SLDC and TPDDL/BRPL/BBMB and availability of secondary source by DISCOMs at the time shut down:

S. No.	Proposed Date & time of S/D	Name of the feeder / equipment	Work to be carried out	Approved Date & time of S/D
1	14.02.2015 to 18.02.2015 (daily from 09:00Hrs to 18:00 hrs)	220kV Narela-Rohtak Road Ckt -II	Raising the height of 220kV Narela-Rohtak Road D/C Line	14.02.2015 to 18.02.2015 (daily from 09:00Hrs to 18:00 hrs)
2	25.02.2015 to 01.03.2015 on continuous basis (from 09:00Hrs to 18:00 hrs)	220kV Narela-Rohtak Road double Ckt		25.02.2015 to 28.02.2015 on continuous basis (from 09:00Hrs to 18:00 hrs)

(Action by DMRC, SLDC, BRPL, TPDDL)

4.0 The status of various projects/works as deliberated in 11th GCC meeting dt. 29.12.14 (Additional agenda)

In the 11th Grid Coordination Committee (GCC) meeting held on 29.12.2014, DTL was advised to update the status of critical transmission works in monthly Operational Coordination Committee meeting (OCC) so that Discoms may manage the load. The updated status of ongoing projects of DTL and Discoms (basic data is obtained from MoM of the meeting held on 07.01.2015 in the office of Principal Secretary (Power), Govt. of NCT of Delhi) is detailed hereunder:

a) Transmission System Improvement projects to be completed to meet the Summer 2015 demand

S. N.	Details of System Improvement project	Reason for requirement	Timeline fixed by MoP, GoI / DTL	Executing Agency	Current status	Revised Timeline
1	Commissioning of 220/66kV 160MVA TxS at Wazirabad	To provide (N-1) criteria and to reduce loading on existing transformers	31.05.13	DTL	Transformer commissioned on 16.01.2015 at 16.01hrs.	-----
2	Commissioning of 220/66kV 160MVA TxS at	To provide (N-1) criteria and to reduce loading on existing transformers	30.06.13	DTL	The commissioning was delayed due to contract issues in respect of ETC of 220kV and 66kV bays. The contract has been awarded to M/s Safety Control	31.03.15

	Gazipur				and Device on 19.06.2014. material delivered at site and is expected to be commissioned by the end of 18.03.2015	
3	LILO of 220kV Najafgarh – Kanjhawala Ckt at Mundka	To ensure maximum evacuation from Mundka 400kV S/Stn and easing of loading on 400/220kV 4X315MVA ICTs at Bamnauli	30.06.13	DTL	Total nos. of towers required to be erected in this section are 35. Out of 35, 30No. Foundations have been cast and 19 towers have been erected. There is resistance from Farmers/Locals regarding laying of this tower line and at present 4No. Court Cases are also pending. However, all out efforts are on to commission 220kV Mundka – Najafgarh – Kanjahwala Ckt by end of March 2015. The LILO of second circuit between Najafgarh and Kankhawala at Mundka at planning stage.	31.03.15
4	Commissioning of 220kV Peera Garhi S/Stn	To ensure maximum evacuation from Mundka 400kV S/Stn and easing of loading on 400/220kV 4X315MVA ICTs at Bamnauli and reducing the loading of 220/66kV TxS at Najafgarh, Pappankalan-I & II	30.06.13	DTL	S/Stn part has been completed. The 220kV infeed from Mundka is expected by March 2015	31.03.15
5	Commissioning of 220kV Peera Garhi – Wazipur D/C cable	--do--	31.05.13	DTL	Substation at Wazipur has been commissioned and energized from Shalimar Bagh through 220kV Wazipur double circuit cables. The contract issues with the vendor namely M/s Tibbia has been settled for commissioning of 220kV Peera Garhi –Wazipur D/C cable. Expected by May 2015	31.05.15
6	Commissioning of 220kV Bawana – Rohini-II Double Ckt line (O/H)	To reduce loading of 220kV Rohini-I S/Stn	Before summer 2014.	DTL	Likely to be commissioned by end of March 2015	31.03.15
7	Commissioning	To reduce the	31.08.14	DMRC	It is cost sharing work	31.03.15

	oning of 220kV Gazipur – Patparganj link	loading of 220kV Wazirabad – Geeta Colony Ckts and to increase the supply of Patparganj			undertaken by DMRC. Delayed due to non permission of digging in monsoon. Expected by end of March 2015	
8	Augmentat ion of 2X 220/66kV 100MVA TxS to 160MVA TxS at Pappankal an-I	To control the loading of existing transformers and to create reliability of supply	Before summer 2014	DTL	NIT floated. Initially, only one bid was received on 29.12.14 and sub-sequently extended for 12.01.15 and further on 30.01.15. Total two bids have been received which are under evaluation.	31.12.15
9	LILLO of one circuit of 220kV Bamnauli – Najafgarh link at Pappankal an-II	To provide alternate source at Pappankalan-II	By end of March 2015	DTL	Scheme is for reliability. NIT has been issued. Bid to be opened on 30.01.2015. Still no bid has been received. Now it has been decided to float new tender clubbing similar works in a similar tender on multi package basis.	31.12.15
10	LILLO of one circuit of 220kV Bamnauli – Naraina Ckt-I at Pappankal an-I	To provide alternate source at Pappankalan-I	By end of March 2015	DTL	Scheme is for reliability. Bid opened on 26.12.14 and 09.01.2015 in which only one bid was received. Hence, date was extended to 28.01.2015. On 28.01.15 also, no additional bid was received. Hence it was decided to float new tender clubbing similar works in a similar tender on multi package basis.	31.03.16
11	HTLS re-conductor ing of D/C 220kV Bamnauli – Naraina Ckts	To provide reliable supply at Naraina and Ridge Valley etc	By end of March 2015	PGCIL	Scheme is for reliability. Price bid opened on 07.01.15. Shut-downs cannot be given upto October 2015. Hence, the works likely to be completed by March 2016	31.05.15
12	HTLS re-conductor ing of D/C 220kV Geeta Colony – Wazirabad D/C	To avoid over-loading of existing circuits and to enhance reliability of supply	31.03.15	PGCIL	Scheme is for reliability. Price bid opened on 07.01.15. Shut-downs cannot be given upto October 2015. Hence, the works likely to be completed by March 2016	31.05.15
13	HTLS re-conductor ing of D/C	To avoid over-loading of existing circuits	31.03.15	PGCIL	Scheme is for reliability. Price bid opened on 07.01.2015. Shut-downs cannot be given	31.05.15

	220kV IP Power – Sarita Vihar Ckts	and to enhance reliability of supply			upto October 2015. Hence, the works likely to be completed by March 2016.	
14	LILO of first circuit of double circuit of 220kV Pragati – Sarita Vihar Ckt. at 400kV Maharani Bagh	To avoid over-loading of existing circuits and to enhance reliability of supply	31.03.15	DTL	Tender has been floated with due date of opening on 10.03.2015	31.03.16
15	Commissioning of 220kV Harsh Vihar – Patparganj D/C	To ensure maximum evacuation from Harsh Vihar and ease loading on Mandola system	31.03.15	PGCIL	Opening date of bidding is 13.01.2015.	31.03.16
16	Augmentation of 2X315MVA ICTs to 2X500MVA ICTs at Bamnauli.	To ease the loading of existing transformers and to enhance reliability of supply.	31.03.15	PGCIL	Work awarded to M/s CGL. There is possibility of diverting transformer at other location and expected to be commissioned by target date.	31.03.15
17	Augmentation of 4X315MVA ICTs to 4X500MVA ICTs at Mandola (PGCIL S/Stn)	To ease the loading of existing transformers and to enhance reliability of supply.	Two ICTs before summer 2014 and two before summer 2015	PGCIL	Two ICTs are expected by June 2015 and other two by end of 2015. To be executed by PGCIL. Last year, one additional 315MVA Tx was energized through common breaker. The same arrangement would be carried out before this summer	Two Tx by 30.06.15 and other two by 31.12.15
18	Augmentation of 4X315MVA ICTs to 4X500MVA ICTs at Ballabgarh (PGCIL S/Stn)	To ease the loading of existing transformers and to enhance reliability of supply.	Before summer 2015	PGCIL	Two ICTs are expected by June 2015 and other two by end of 2015. To be executed by PGCIL.	Two Tx by 30.06.15 and other two by 31.12.15
19	Additional 220/66kV 100MVA Tx at Sarita Vihar	To enhance reliability of supply	Before summer 2015	DTL	Since only one bid was received on 29.12.14. Hence, tender date has been extended upto 15.01.15 and again upto 03.02.15. Only two bids received and got opened. Case is under tender committee.	31.12.15
20	Additional	To enhance	Before	DTL	Since only two bids were	31.12.15

	220/66kV 160MVA Tx at DSIDC Bawana	reliability of supply	summer 2015		received on 29.12.14. Hence, tender date has been extended upto 15.01.2015. only two bids received. Hence date further extended to 30.01.2015 in which total three bids received which are under scrutiny.	
21	Additional 220/66kV 160MVA Tx at Pappankal an-II	To enhance reliability of supply	Before summer 2015	DTL	Since only two bids were received on 29.12.2014. Hence tender date has been extended upto 15.01.15. Bid opened on 15.01.2015, only two bids received. LOI has been issued in favor of M/s Kanohar.	31.12.15
22	Additional 220/66kV 160MVA Tx at Kanjhawal a along with 4 Bays at 66kV level	To enhance reliability of supply	Before summer 2015	DTL	Three bids have been received and the case is under tender committee.	30.06.15
23	Additional 220/33kV 1000MVA Tx at Masjid Moth	To enhance reliability of supply	Before summer 2014	DTL	Since only one bid was received on 29.12.2014. Hence tender date has been extended upto 15.01.2015. only one bid received. Due date of BOD is 20.02.2015	30.06.15
24	Establishm ent of 33kV GIS at Lodhi Road with additional 220/33kV 100MVA Tx at Lodhi Road	To reduce the loading on the existing transformers	Aug. 2014	DTL	33kV GIS works completed. 220kV GIS work and additional transformer work to be completed by December 2015.	31.12.15

b) **Distribution System**

2014-15

TPDDL

S N	Particulars / Name of the Project / Element	MVA Additi on	Scheme Status	Present Status
1	Augmentation of PTR-1 (16MVA to 25MVA) at 33 / 11 kV Gulabi Bagh Grid	9	Completed	
2	Augmentation of PTR-3 (16MVA to 25MVA) at 33 / 11 kV Ashok Vihar Grid	9	Completed	
3*	Augmentation of 16 MVA PTR-1 & 16 MVA PTR-2 to 25 MVA each in 33/11 KV Trinagar Grid	18	DERC Approval awaited	It will require in FY 16-17

4	Augmentation of 16 MVA PTR-1 & 16 MVA PTR-2 to 25 MVA each in 33/11 KV AIR Khampur Grid.	18	Completed	
5*	Additional 16 MVA PTR-3 at 33/11 kV Haiderpur Grid	16	DERC Approval Received (Dec' 14)	Under execution. Will be completed in June
6*	Additional 25 MVA PTR-3 in 66/11 kV Bhalswa-1 Grid	25	DERC Approval Received (Dec' 14)	Under execution. Will be completed in May
7*	Additional 25 MVA PTR-3 at 66/11 kV RG 22 Grid	25	DERC Approval received in Sep-2014	Under Execution. Will be completed in May
8*	Additional 16 MVA PTR-3 at 33/11 kV GTK Grid	16	DERC Approval received (Dec' 14)	Under execution. Will be completed in June
9	Additional 25 MVA PTR-3 at 66/11 kV Bawana-7 Grid	25	Completed	
10	Additional 20 MVA PTR-3 at 66/11 kV RG-6 Grid	20	Completed	
11	Additional 25 MVA PTR-3 at 66/11 kV RG-23 Grid	25	Completed	
12	33kV Twin Cable (2 x 3C*400 sqmm) between 220kV Naraina and Pandav Nagar Grid	0	WIP	Under Execution. Will be completed on 31 st March
13	33kV Twin Cable (2 x 3C*400 sqmm) between 220kV Subzi Mandi and Shahzada Bagh Grid	0	WIP	Completed
14	Strengthening of 33kV Line between AIR Khampur and Tigi Pur Grid	0	WIP	Under Execution. Will be completed on 31 st March
15	33kV Twin Cable (2 x 3C*400 sqmm) between 220kV Peera Garhi and Rani Bagh CC Grid	0	Energisation is pending	Work at our end is completed. Pending at DTL end
16	33 /11 kV Rani Bagh CC Grid (2 x 20MVA + 2 x 3C*400sq.mm. XLPE from 220kV Peera Garhi Grid)	40	Completed	Work at our end is completed. Pending at DTL end
17	66/11 kV Dheerpur Grid (2 x 25MVA + 1*1000sq.mm. Cable LILO of 66kV line between 220kV Gopal Pur and Jahangir Puri Grid)	50	DERC Approval received in Sep-2014	Under Tendering
18	66 / 11 kV Prashant Vihar Grid (2 x 25 MVA + 1*1000sq.mm. cable LILO of 66kV line between Pitam Pura-1 and Rohini-3 Grid)	50	WIP	Under Execution. Will be completed on 15 th March 2015
19	66/11 kV Bawana-1 Grid (2 x 25 MVA + 66kV line from 220kV DSIIDC Bawana Grid + 66kV line LILO between 220kV Kanjhawla and BCWW Grid + 66kV LILO between BCWW and Bawana-7 Grid) line twin cable 1C*1000 sqmm	50	Completed	
20	33 /11 kV A-21 Naraina Grid (2 x 18 MVA + 33kV line LILO between Inder Puri and Rewari Line Grid), line twin cable 3*400 sqmm	36	Completed	

21	66 / 11 kV RG-34 Grid (2 x 25 MVA + D/C 1C*1000 sq.mm. cable from proposed 66kV RG-30 Grid + D/C 1C*1000 sq.mm. cable from proposed 220 kV Rohini-34 Grid)	50	DERC Approval received	Under Tendering (Deposit work)
22	66 / 11 kV Bawana-1 Ph-2 Grid (2 x 25 MVA + D/C O/H line LILO between 220kV DSIIDC Bawana and 66kV DSIIDC-2 Narela Grid.)	50	DERC Approval received	Under Tendering

BYPL

2014-15

S. No.	Voltage Level	Scheme Description	Capacity Addition (MVA)	DERC approval Status	Work Status
1	66/11kV	Establishment of New 66/11 kV Grid Sub-Station at Kondli Gharoli	50	Approved	Completed, Energised on 26/09/2014.
2	33/11kV	Establishment of New 33/11 kV Grid Sub-Station at DDU Marg	50	Approved	Grid Test charging done. Completed. Completion by Feb '2015
3	66/11kV	Addition of 25 MVA Power Transformer at 66/11 KV East of Loni Road Grid Sub-station	25	Approved	Completed
4	66/11kV	Addition of 25 MVA Power Transformer at 66/11 kV Bhagirathi Grid Sub-station	25	Approved	WIP, Mar-2015
5	33/11kV	Addition of 16 MVA Power Transformer at 33/11 kV Kanti Nagar Grid Sub-station	16	Approved	Completed
6	33/11kV	Addition of 16 MVA Power Transformer at 33/11 kV CBD-2 Grid Sub-station	16	Approved	Completed
7	33/11kV	Addition of Power Transformer of 25 MVA at 33/11 kV Delhi Gate Grid Sub-station	25	Approved	WIP. Completion by March 15
8	66/11kV	Addition of 20 MVA Power Transformer at 66/11 KV GH-1 Grid Sub-station	20	Approved	WIP, Expected by May-2015
9	33/11kV	Augmentation of Power Transformer from 16 MVA to 25 MVA at 33/11kV CBD-1 Grid Sub-station	9	Approved	Completed
10	33/11kV	Augmentation of Power Transformer No.2 from 15 to 25 MVA at 33/11kV Shankar Road Grid Sub-station	10	Approved	Completed
11	33/11kV	Augmentation of 16 MVA Power Transformer no-3 to 25 MVA at 33/11 KV Shankar Road Grid Sub-station	9	Approved	Work In Progress(WIP), Expected by March 2015
12	33/11kV	Augmentation of Power Transformer No.-2 from 16 MVA to 25 MVA at 33/11 KV Preet Vihar Grid Sub-station	9	Approved	Completed

13	33/11kV	Augmentation of Power transformer from 16 MVA to 25 MVA at 33/11 KV Kailash Nagar Grid Sub-station	9	Approved	Work In Progress(WIP), Mar-2015
14	66/11kV	Augmentation of Power Transformer No-1 from 20 MVA to 31.5 MVA at 66/11 KV Yamuna Vihar Grid Sub-station	12	Approved	Deferred for 15-16
15	66/33kV	Augmentation of 66/33kV, 30 MVA Power Transformer with 66/33kV, 50 MVA Power Transformer at Bhagirathi Grid Sub-station.	20	Approved	YTS, May-2015
Total			305		

BYPL

Additional feeders

S. No.	Voltage Level	Source Station	Scheme Description	DERC approval Status	Work Status
1	66kV	66kV Kondli Grid	Providing 66 KV infeed for 66/11KV O/D grid S/STN at Kondli Resettlement colony in Div Mayur Vihar III	Approved	Completed
2	33kV	220kV IP Station & RPH	Providing 33KV Infeed to DDU Marg Grid Sub-Station by laying of 2 nos 33KV 3CX400MM2 Cable.	Approved	Completed,
3	33kV	33kV Shakarpur Grid	Providing 33 kV feed from Shakarpur Grid to Guru Angad Nagar Grid by laying of 2 nos 33kV, 3CX400MM2 XLPE cables.	Approved	Work In Progress, March 15
4	66kV	Pragati Power	Laying of 66 KV 1CX1000MM2 XLPE cables from Mayur Vihar - I Grid to 66 KV Common Wealth Games Village Grid (Akshardham)	Approved	Completed
5	33kV	66kV Ghonda	Providing additional 33 KV feed to Karawal Nagar Grid substation from Ghonda Grid.	Approved	RCP under process, May 15
6	33kV	220kV Subji Mandi	Providing Additional 33 KV feed 220kV Subji Mandi Grid to 33/11kV B.G Road Grid Sub-Station.	Yet to be Submitted	Scheme not required, Already there are two sources.
7	33kV	220kV RPH Grid	Providing Additional 33 KV feed 220kV RPH/IP Grid to 33/11kV Delhi Gate Grid Sub-Station.	Yet to be Submitted	DTL to decide about providing additional source to BYPL
8	33kV	220kV RPH Grid	Providing Additional 33 KV feed 220kV RPH/IP Grid to 33/11kV	Yet to be Submitted	DTL to decide about providing

			G.B Pant Grid Sub-Station.		additional source to BYPL
9	33kV	220kV Narayana Grid	Providing Additional 33 KV feed 220kV Narayana Grid to 33/11kV Prasad Grid Sub-Station.	Yet to be Submitted	DTL to decide about providing additional source to BYPL
10	33kV	220KV Geeta Colony Grid	Providing Additional 33 KV feed 220kV Patparganj Grid to 33/11kV Preet Vihar Grid Sub-Station.	Yet to be Submitted	Proposed in 15-16
11	33kV	220KV Geeta Colony Grid	Providing Additional 33 KV feed 220kV Patparganj Grid to 33/11kV CBD-1 Grid Sub-Station.	Yet to be Submitted	Proposed in 15-16
12	66kV	220kV Park Street Grid	Providing additional 66 KV feed doble circuit from 220kV Park Street Grid to 66/11kV Shastri Park Grid Sub-Station.	Yet to be Submitted	DTL to decide about providing additional source to BYPL

BYPL Augmentation of existing feeders

S. No.	Category	Scheme Description	DERC Approval Status	Present Status
1	Replacement of Cable Schemes	Conversion of Jama masjid -Kashmiri gate O/H Line into Under ground circuit at Ring Road	Approved	Yet to Start(YTS)
2	Replacement of Cable Schemes	Shifting/Conversion of 33kV 'Kailash Nagar-Seelampur' O/H cum U/G feeder by laying 2 Nos. 33kV 3CX400sq.mm. XLPE cables.	Approved	RCP under process, May15
3	Replacement of Cable Schemes	Part Replacement of 33 KV Shastri park - Seelampur & Shastri Park - Dwarka puri Circuit with 2 Nos. 3CX400Sqmm cables	Approved	Yet to Start(YTS)
4	Replacement of Cable Schemes	Replacement of 33 KV PILCA Cable from Town Hall Grid to Lahori Gate Grid.	Approved	RCP under process, May15
5	Replacement of Cable Schemes	Conversion of O/H portion into U/G cable from 33 KV Narayana Grid to DMS Grid.	Under Approval	Scheme not approved
6	Replacement of Cable Schemes	Shifting of part of 66 KV Patparganj-Vivek vihar ckt no. 1 & 2 near Sreshtha vihar at the bank of Nallah near Railway Track Flyover on road no.56.	Approved	Scheme not required. Work Done under deposit head.

Replacement of switchgears / additional bays

S. No.	Category	Scheme Description	DERC Approval Status	Present Status
1	Switchgear Schemes	Replacement of 66kV MOCB & Circuit Breaker at Various Grid in BYPL	Approved	Deferred for 15-16
2	Switchgear Schemes	Replacement of 33kV Old Circuit Breaker with SF6 Circuit Breaker at Various Grid in BYPL	Approved	Deferred for 15-16t
3	Switchgear	Conversion of Outdoor Yard into Indoor Substation	Approved	Yet to Start

	Schemes	at Karawal Nagar Grid.		
4	Bays Schemes	Addition of 2 nos new Feeder Bays at Common Wealth Games Village Grid Sub-Station (Akshardham Grid).	Approved	Civil work in progress, June 15
5	Bays Schemes	Addition of 2 nos new Feeder Bays at 66/33kV Shastri Park Grid	Under Approval	Scheme yet to approved.

BRPL

2014-15

S. No.	Type of Scheme	Description	DERC approval Status	Present Status
1	New Grid With Infeed	DJB Najafgarh	Approved	One Power Tx energized, second Power Tx , 66kV Breaker and capacitor breaker commissioning work pending.
2	New Grid With Infeed	G-4 Dwarka	Approved	Civil work completed, electrical work started. Expected by 31.05.2015.
3	Additional Power Transformer	Addition of 66/11 kV, 25 MVA PTR at Okhla Ph- 1	Approved	PTR energized. EIC & QC pending.
4	Additional Power Transformer	Addition of 66/11 kV , 16 MVA PTR at Shivalik	Approved	Completed
5	Additional Power Transformer	Addition of 66/11 kV, 25 MVA PTR at Sarita Vihar	Approved	Completed
6	Additional Power Transformer	Addition of 66/11 kV, 25 MVA PTR at Bijwasan	Approved	C&R Panel of 66kV breaker and bus coupler are not available. P&C is suggested to pursue matter with C&M to arrange the same. Target:31/3/15
7	Additional Power Transformer	Addition of 66/11 kV, 20 MVA PTR at at G-2 Pappankalan	Approved	Completed
8	Additional Power Transformer	Addition of 66/11 kV, 25 MVA PTR at VSNL	Approved	P&C will pursue matter with C&M to shift the PTR from Jasola grid to VSNL and place the order to BHEL for 33kV indoor panel. Target :31/3/15
9	Additional Power Transformer	Addition of 66/11 kV, 25 MVA PTR at Bodella – 1	Approved	Completed
10	Additional Power Transformer	Addition of 66/33 kV, 24/30 MVA PTR at Nangloi	Not Approved	Completed
11	Additional Power Transformer	Addition of 66/11 kV, 25 MVA PTR at G-6 Dwarka	Submitted	Approval pending from DERC
12	Augmentation of Power Transformer	Augmentation of 66/11 kV, 2 X 16 MVA PTRs to 2x25 MVA PTRs at Tughlakabad	Approved	Completed
13	Augmentation of Power Transformer	Augmentation of 66/11 kV, 1 X 16 MVA PTR to 1x25 MVA PTR at Okhla Ph- II	Approved	Completed
14	Augmentation of Power Transformer	Augmentation of 66/11 kV, 1 X 16 MVA PTR to 1x25 MVA PTR at Lajpat Nagar	Approved	BHEL delayed the work for replacement of 33kV GIS panel due to the problem of spares. Expected to be available by 15.02.15. Work likely to be completed by 28.02.15

15	Augmentation of Power Transformer	Augmentation of 66/11 kV, 1 X 16 MVA PTR to 1x25 MVA PTR at Defence Colony	Approved	Completed
16	Augmentation of Power Transformer	Augmentation of 66/11 kV, 1 X 16 MVA PTR to 1x25 MVA PTR at Nizamuddin	Approved	Target:31/1/15
17	New Feeder	33 kV line from JNU to Vasant Vihar	Approved	Completed
18	New Feeder	33 kV line from AIIMS Trauma Center to Bhikaji Cama Place	Approved	A shutdown will be proposed to energize the feeder by using 33kV C&R panel of RKP.
19	New Feeder	LILO of 33 kV Paschimpuri- Vishal circuit at 33 kV bus of 220 kV Peeragarhi	Approved	Ready to energise
20	New Feeder	LILO of 33 kV Paschimpuri- Madipur circuit at 33 kV bus of 220 kV Peeragarhi	Approved	Ready to energise
21	New Feeder	LILO of 33 kV Udyog Nagar – A-4 Paschim Vihar circuit at 33 kV bus of 220 kV Peeragarhi	Approved	Ready to energise

(Action by DTL, TPDDL, BRPL, BYPL)

5.0 Additional agenda points with the permission of the Chair.

5.1 Proposed shutdown at 220kV Gazipur Substation

OCC approved the following shutdowns proposed by DTL at 220kVGazipur Substation:

S. No.	Proposed Date & time of S/D	Name of the feeder / equipment	Work to be carried out	Approved Date & time of S/D
1	19.02.2015 (09:00Hrs to 17:00 Hrs.)	66kV Bus-I	Replacement of 66kV Twin Bus with 66kV Quad Bus along with all Jumpers of Bus.	19.02.2015 (09:00Hrs to 17:00 Hrs.)
2	24.02.2015 (09:00Hrs to 17:00 Hrs.)	66kV Bus-II		24.02.2015 (09:00Hrs to 17:00 Hrs.)

(Action by DTL)

6.0 Meeting ended with vote of thanks to the Chair.

Attendance sheet of OCC Meeting held on 13.02.15 at 03:00 P.M. in the Conference Room, 1st Floor, SLDC Building, Minto Road, New Delhi

S.No.	Name (Sh.)	Designation	Company	Mobile No.	e-mail Id.	Sign.
1.	Prem Prakash	GM (Gen) - J	DTL		Chair	
2.	Paritosh Joshi	Mgr (S) Prot	DTL	9999533333	paritosh.joshi@rediffmail.com	Paritosh Joshi
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11.	Lakshmin Singh	DGM	DTL	9999533669	dgmocdt@gmail.com	L.S.
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16.	Rajesh K. Pachigela	AM (T) - OS	DTL	9999533866	rk.pachigela@del.gov.in	Rajesh K.
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23.	Dayal Singh	JEE/M	MES	9910280931	---	Dayal
24.	Shekhar Ambore	---	---	8826788984	---	Shekhar
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