DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

OCTOBER 2015

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	OCT 2014	OCT 2015
1	**Effective Generation Capacity within Delhi in MW**		
	Rajghat Power House	135	135
	Gas Turbine	270	270
	Pragati Power Corporation Ltd.	330	330
	Badapur Thermal Power Station	705	705
	Rithala GT	108	108
	Bawana	1372	1372
	TOWMCL	16	16
	Total	2936	2936
2	**Maximum Unrestricted Demand (MW)**	**4570**	**4481**
	Date	07.10.2014	09.10.2015
	Time	22.59.50	16.03.17
3	**Peak Demand met (MW)**	**4570**	**4481**
	Date	07.10.2014	09.10.2015
	Time	22.59.50	16.03.17
4	Peak Availability (MW)	4358	4297
5	Shortage (-) / Surplus (+) in MW	(-) 212	(-)184
6	Percentage Shortage (-) / Surplus (+)	(-) 4.64	(-) 4.11
7	Maximum Energy Consume in a day (Mus)	97.7123	95.243
8	Energy Consumed during the month	**2348.903**	**2531.227**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.006	0.011
ii)	Manual Load shedding from DTL S/Stns.	0.000	0.000
iii)	Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation		
	NDPL	0.322	0.233
	BRPL	1.799	1.195
	BYPL	0.425	0.036
	NDMC	0.000	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.000	0.000
	Total due to Grid Restriction	**2.552**	**1.475**
B)	Due to Constraints in System in Mus		
	DTL	0.186	0.152
	NDPL	0.258	0.390
	BRPL	0.349	0.260
	BYPL	0.229	0.049
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.002	0.513
	Total	**1.024**	**1.364**
11	**Grand Total in Mus**	**3.576**	**2.839**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING OCTOBER 2015

A) For the month of October 2015

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	**RPH**	0.000	0.528	-0.528	80.15	71.424
2.	**GT**	31.808	1.603	30.205	68.54	103.753
3.	**PPCL**	108.756	2.775	105.981	98.06	128.051
4.	**BTPS**	147.984	16.059	131.925	93.81	300.414
5.	**Rithala**	0.000	0.062	-0.062	**77.67**	53.136
6.	**Bawana**	156.319	7.502	148.817	72.49	568.698
7.	**Towmcl**	10.937	1.683	9.254	--	--
	TOTAL	**455.804**	**146.078**	**425.592**	**--**	**1225.476**

B) For the Year 2013-14 (Upto October 2015)

Power Station	Effective Capacity (MW)	Net Generation in MUs for Oct. 2015	Availability (%) for Oct. 2015	PLF (%) for Oct 2015	Cumulative Generation in MUs upto Oct 2015 for the year 2015-16	Cumulative Availability in % upto Oct 2015 for the year 2015-16	Cumulative PLF in % upto Oct 2015 for the year 2015-16
RPH	135	-0.528	80.15	73.20	36.829	-1.03	5.41
GT	270	30.205	68.54	65.27	310.707	15.29	22.53
PPCL	330	105.981	98.06	96.62	1030.413	44.30	64.31
BTPS	705	131.925	93.81	90.94	1311.723	29.46	45.00
Rithala	108	-0.062	**77.67**	86.72	-0.43	**0.00**	**0.00**
Bawana	1372	148.817	72.49	57.66	1008.541	15.44	14.88
Towmcl	16	9.254	--	--	74.655	--	--
TOTAL	2936	**425.592**	**--**	**--**	**3772.438**	**--**	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2014

RPH

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	01.04.15	23.20	02.04.15	19.50	Stopped due to low demand and high frequency
		04.04.15	13.15	06.05.15	22.40	
		08.05.15	13.40	--	--	Tripped on boiler tube leakage

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	67.5	30.12.14	00.00	01.04.15	16.00	Machine under major overhauling
		02.04.15	12.55	07.04.15	23.59	Turbine trip
		08.04.15	00.00	20.04.15	06.45	Stopped due to low demand and high frequency
		21.04.15	09.50	21.05.15	15.15	Turbine tripped
		07.05.15	00.50	07.05.15	04.20	Tripped on heavy jerk
		21.05.15	10.20	--	--	Stopped due to shortage of coal

(B) Gas Turbine

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	30	27.12.14	17.40	12.05.15	18.45	Stopped due to low demand and high frequency
		19.05.15	18.02	12.06.15	13.15	Machine stopped due to fire in cable
		12.06.15	22.48	24.06.15	12.30	Stopped due to low demand and high frequency
		24.06.15	12.31	30.06.15	11.50	Machine not available due to problem in diesel engine
		30.06.15	12.10	03.08.15	13.08	Stopped due to low demand and high frequency
		03.08.15	17.15	07.08.15	19.15	
		07.08.15	19.15	08.08.15	11.53	Machine could not be taken on load due to problem in diesel engine
		12.08.15	10.20	14.08.15	06.07	Stopped due to low demand and high frequency
		15.08.15	11.53	15.08.15	12.36	Machine tripped on emergency trip manual alarm
		01.09.15	16.12	01.09.15	17.19	Machine tripped due to grid disturbance
		02.09.15	19.50	19.10.15	15.00	Stopped due to low demand and high frequency
		19.10.15	15.00	30.10.15	12.30	Machine stopped for combustion inspection
		30.10.15	12.30	30.10.15	18.10	Stopped due to low demand and high frequency
		30.10.15	18.25	31.10.15	23.59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	01.02.14	17.00	24.10.15	14.00	Machine stopped due to high viberation
		24.10.15	18.25	25.10.15	17.03	Machine synchronized for testing
		25.10.15	18.35	26.10.15	16.15	Machine stopped for inspection
		26.10.15	16.15	31.10.15	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	02.03.15	17.45	04.04.15	10.45	Stopped due to low demand and high frequency
		04.04.15	16.02	04.04.15	12.50	Machine stopped to change absolute filter
		04.04.15	18.51	21.04.15	10.45	Stopped due to low demand and high frequency
		26.04.15	09.00	06.05.15	14.30	
		11.05.15	08.16	11.05.15	11.13	
		12.05.15	14.45	21.05.15	16.05	
		22.05.15	00.20	22.05.15	10.26	
		22.05.15	15.40	22.05.15	15.55	Machine came on FSNL due to jerk
		23.05.15	17.30	07.08.15	19.35	Stopped due to low demand and high frequency
		07.08.15	19.35	08.08.15	16.25	Machine could not be taken on load due to problem in desigle engine
		08.08.15	16.25	10.08.15	16.55	Stopped due to low demand and high frequency
		11.08.15	00.05	11.08.15	14.18	Machine started to roll STG-2 for improving IR Value of generator
		13.08.15	20.52	31.10.15	23.59	Machine tripped due to tripping of tr. And further Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	30	02.03.15	17.45	04.04.15	16.40	Stopped due to low demand and high frequency
		04.04.15	20.12	15.04.15	11.08	
		16.04.15	00.55	21.04.15	11.32	
		27.04.15	15.00	06.05.15	10.46	
		12.05.15	18.50	21.05.15	15.57	
		22.05.15	00.20	23.05.15	09.48	
		23.05.15	17.20	31.05.15	17.46	
		31.05.15	18.33	12.06.15	13.05	
		13.06.15	14.40	15.06.15	23.59	Machine tripped on grid disturbance and further Stopped due to low demand and high frequency
		16.06.15	00.00	02.07.15	23.59	Stopped due to low demand and high frequency
		03.07.15	00.53	03.07.15	01.26	Heavy jerk observed in control room and macine tripped on electrical fault
		04.07.15	19.20	17.07.15	20.22	Stopped due to low demand and high frequency
		17.07.15	20.22	07.08.15	20.26	Machine not available due to damage of LV side y phase bushing of unit transformer
		08.08.15	04.00	13.08.15	23.05	Stopped due to low demand and high frequency
		14.08.15	06.12	31.10.15	23.59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	30	04.04.15	16.00	04.04.15	19.15	Stopped due to low demand and high frequency
		15.04.15	15.26	16.04.15	00.10	
		22.05.15	15.40	22.05.15	18.50	Machine came on FSNL due to jerk
		31.05.15	12.40	06.06.15	15.22	Machine tripped on electrical trouble normal shutdown
		06.06.15	15.44	12.06.15	13.37	Stopped due to low demand and high frequency
		13.06.15	14.40	13.06.15	15.01	Machine came on FSNL due to jerk
		21.06.15	11.15	22.06.15	10.20	Stopped due to low demand and high frequency
		25.06.15	07.30	26.06.15	14.02	
		23.07.15	13.13	23.07.15	14.07	Machine tripped due to islanding from 220kV side PPS-1
		28.07.15	16.52	28.07.15	18.30	Tripped due to electrical trouble
		28.07.15	19.07	29.07.15	00.32	
		07.08.15	19.00	03.10.15	13.28	Stopped due to low demand and high frequency
		03.10.15	16.12	03.10.15	16.57	Machined tripped on exhaust temp high spread alarm
		07.10.15	01.20	09.10.15	04.29	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
6	30	26.04.15	09.00	27.04.15	14.02	Stopped due to low demand and high frequency
		11.05.15	08.17	11.05.15	11.25	
		22.05.15	15.40	22.05.15	15.58	Machine came on FSNL due to jerk
		13.06.15	14.40	13.06.15	15.05	machine came on FSNL due to grid disturbance
		02.07.15	11.16	04.07.15	18.10	Stopped due to oil leakage in GT-6
		06.07.15	19.26	07.07.15	16.00	Stopped due to low demand and high frequency
		07.07.15	16.00	10.07.15	23.00	Stopped due to oil leakage in GT
		10.07.15	23.00	13.07.15	10.22	Stopped due to low demand and high frequency
		14.07.15	03.50	14.07.15	04.06	Machine came on FSNL due to tripping of 20MVA Tr.
		17.07.15	08.20	17.07.15	08.25	
		23.07.15	13.13	23.07.15	14.12	Machine tripped due to islanding of 220side PPS-I
		07.08.15	19.00	02.9.15	17:52	Stopped due to low demand and high frequency
		09.9.15	11:42	09.9.15	12:36	Machine tripped as both 160 MVA Transformer I&II tripped
		13.9.15	12:50	13.9.15	13:33	Machine tripped as both 160 MVA Transformer I&II tripped
		17.9.15	09:42	17.9.15	09:58	Machine came on FSNL as the 66 KV beaker opened.
		19.9.15	05:25	19.9.15	05:58	Bus differential relay on BB-3 & 4 operated, Unit came on FSNL.
		19.9.15	18:28	19.9.15	18:32	Bus differential relay on BB-3 & 4 operated Unit came on FSNL.
		04.10.15	21.02	05.10.15	15.56	Stopped due to low demand and high frequency
		09.10.15	03.50	31.10.15	23.59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -1	30	19.11.14	21.35	12.05.15	23.00	Stopped due to low demand and high frequency
		19.05.15	17.15	19.05.15	18.00	Machine tripped on FJB vibeeration very high
		19.05.15	18.00	20.05.15	11.30	Stopped due to low demand and high frequency
		20.05.15	11.30	09.06.15	23.59	Machine is N/A due to fire in cable
		10.06.15	00.00	12.06.15	23.59	Stopped due to low demand and high frequency
		12.06.15	22.39	13.06.15	12.00	Machine could not be taken on load due to problem in vaccume
		13.06.15	12.00	20.06.15	17.30	Stopped due to low demand and high frequency
		20.06.15	17.30	22.06.15	12.00	Machine not available due to vaccum problem
		22.06.15	12.00	24.06.15	12.30	Stopped due to low demand and high frequency
		24.06.15	12.30	30.06.15	13.00	Machine could not be available due to problem in GT-1
		30.06.15	13.00	03.08.15	16.32	Stopped due to low demand and high frequency
		03.08.15	17.15	07.08.15	23.59	
		09.08.15	07.15	09.08.15	15.55	Machine stopped due to generator temperature very high
		12.08.15	10.20	14.08.15	09.15	Stopped due to low demand and high frequency
		15.08.15	11.53	15.08.15	15.04	Machine tripped due to tgripping of GT
		01.09.15	16.12	01.09.15	17.19	Machine tripped due to grid disturbance
		02.09.15	19.50	19.10.15	15.00	Stopped due to low demand and high frequency
		19.10.15	15.00	30.10.15	12.30	Machined stopped due to combustion inspection of GT -1
		30.10.15	12.30	31.10.15	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -2	30	02.03.15	12.40	04.04.15	15.59	Stopped due to low demand and high frequency
		04.04.15	16.05	04.04.15	17.38	
		04.04.15	18.10	15.04.15	15.20	
		16.04.15	00.55	21.04.15	14.57	
		27.04.15	15.00	06.05.15	13.32	
		12.05.15	11.18	12.05.15	12.11	Machine tripped on reverse power operation
		12.05.15	12.30	22.05.15	14.55	Machine tripped on axial shift very high
		22.05.15	15.40	22.05.15	16.48	Machine tripped due to jerk
		23.05.15	14.00	12.06.15	17.56	Machine tripped on axile shift very high
		13.06.15	14.40	13.06.15	23.59	Machine tripped on grid disturbance and further Stopped due to low demand and high frequency
		14.06.15	00.00	02.07.15	13.15	Stopped due to low demand and high frequency
		02.07.15	13.15	02.07.15	22.58	Stopped due to diaphragm breakup
		03.07.15	00.53	03.07.15	02.42	Machine tripped as GT-4 tripped due to loss of exciation
		04.07.15	19.20	08.08.15	02.18	Stopped due to low demand and high frequency
		08.08.15	02.18	12.08.15	09.47	Machine tried to synchronise but tripped on generator stator earth fault
		13.08.15	20.52	13.08.15	23.59	Stopped due to low demand and high frequency
		14.08.15	00.00	14.08.15	12.30	Machine could not be taken on load due to heavy vibration in turbine
		14.08.15	12.30	31.10.15	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -3	30	08.05.15	04.55	08.05.15	08.15	Machine tripped due to generator back up impendance relay
		22.05.15	15.40	22.05.15	19.05	Machine tripped due to jerk
		13.06.15	14.40	13.06.15	16.50	Machine tripped due to grid disturbance and further Stopped due to low demand and high frequency
		21.06.15	11.15	22.06.15	11.05	Stopped due to low demand and high frequency
		24.06.15	01.46	24.06.15	03.05	Machine tripped due to tripping of 20MVA tr.
		25.06.15	07.30	26.06.15	14.58	Stopped due to low demand and high frequency
		04.07.15	12.20	04.07.15	15.30	machine tripped due to durm level high
		10.07.15	21.10	07.07.15	22.25	Heavy jerk observed in control room and machine tripped
		14.07.15	03.50	10.07.15	05.52	Machine tripped on sudden jerk observed in ontrol room
		17.07.15	08.20	14.07.15	09.36	Machine tripped on sudden jerk observed in control room
		23.07.15	13.13	17.07.15	17.15	machine tripped due to islanding from 220side PPS-1
		01.08.15	07.27	23.07.15	16.30	Machine triped on false alarm of boiler trip
		01.08.15	16.30	01.08.15	17.18	HRSG #6 made parallel with HRSG-5
		02.08.15	01.47	02.08.15	04.25	machine tripped on false alarm of inlet steam temp low
		02.08.15	04.25	02.08.15	04.40	HRSG-5 made parallel with HRSG -6
		05.08.15	11.10	05.08.15	13.23	Machine tripped on low vaccum
		06.08.15	18.02	07.08.15	01.40	Machine tripped on heavy jerk
		07.08.15	17.15	15.08.15	23.59	Machine tripped as the turbovisiory monitor trip with flash
		16.08.15	00.00	22.08.15	16.45	Stopped due to low demand and high frequency
		22.08.15	16.45	30.08.15	16.00	Stopped to attend smoke from bearing no -1 and control valve
		30.08.15	16.00	02.09.15	19.44	Stopped due to low demand and high frequency
		09.09.15	11.42	09.09.15	13.58	Machine tripped as both 160 MVA Transformer I&II tripped
		09.09.15	16.47	09.09.15	17.40	Machine tripped on Exhaust steam pressure very high.
		13.09.15	12.50	13.09.15	14.10	Machine tripped as both 160 MVA Transformer I&II tripped
		17.09.15	09.42	17.09.15	10.35	Machine tripped manually as the GT#6 came on FSNL
		19.09.15	05.25	19.09.15	05.58	Machine tripped as the GT#6 came on FSNL
		22.09.15	16.17	22.09.15	17.04	Machine tripped as the GT#6 came on FSNL
		09.10.15	03.50	09.10.15	05.20	Machine tripped due to tripping of GT

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	19.04.15	11.00	20.04.15	05.54	Stopped due to low demand and high frequency
		06.05.15	09.13	06.05.15	12.22	Stopped by DTL to attend hot spot
		10.05.15	07.21	10.05.15	17.13	Stopped due to low demand and high frequency
		28.05.15	04.37	28.05.15	08.37	Unit tripped due to grid disturbance
		06.05.15	09.13	06.05.15	12.22	Unit stopped as desired by DTL to attend hot spot
		10.05.15	07.21	10.05.15	17.13	Stopped due to low demand and high frequency
		28.05.15	04.37	28.05.15	08.37	Unit tripped due to grid disturbance
		18.09.15	14.57	18.09.15	16.26	Unit tripped on internal fault
		19.09.15	15.24	19.09.15	18.42	
		20.09.15	13.08	20.09.15	15.20	
		26.09.15	18.07	26.09.15	19.52	Unit tripped due to grid disturbance
		12.10.15	22.06	13.10.15	00.31	Unit tripped due to bus -1 dead
		13.10.15	12.58	13.10.15	13.55	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	104	01.04.15	00.00	19.04.15	07.47	Stopped due to low demand and high frequency
		24.04.15	15.09	24.04.15	16.31	Unit tripped on internal fault
		16.05.15	00.00	18.05.15	08.44	Stopped due to low demand and high frequency
		20.05.15	04.01	20.05.15	10.05	
		16.05.15	00.00	18.05.15	08.44	
		20.05.15	04.01	20.05.15	10.05	
		01.09.15	16.06	01.09.15	16.24	Unit tripped due to bus ï II tripped
		09.09.15	11.43	09.09.15	11.59	Unit tripped due to bus ï II tripped
		13.09.15	12.53	13.09.15	13.33	Unit tripped on grid disturbance
		22.09.15	17.00	31.10.15	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	122	06.05.15	05.13	06.05.15	09.05	Stopped by DTL to attend hot spot
		10.05.15	16.48	10.05.15	18.42	Stopped due to low demand and high frequency
		28.05.15	04.37	28.05.15	07.26	Unit tripped due to grid disturbance
		06.05.15	05.13	06.05.15	09.05	Unit stopped by DTL to attend hot spot
		10.05.15	16.48	10.05.15	18.42	Stopped due to low demand and high frequency
		28.05.15	04.37	28.05.15	07.26	Unit tripped due to grid disturbance
		26.09.15	18.07	26.09.15	21.31	
		12.10.15	22.06	13.10.15	02.45	
		13.10.15	02.45	13.10.15	22.07	Stopped to attend internal fault
		20.10.15	04.16	21.10.15	17.40	

(D) BADARPUR THERMAL POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	95	01.04.15	00.00	31.10.15	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	95	01.04.15	00.00	21.04.15	13.44	
		01.05.15	14.55	07.05.15	01.27	Stopped due to low demand and high frequency
		07.05.15	13.07	07.05.15	20.57	AVR & Excitation system
		11.05.15	13.57	05.08.15	23.59	
		06.08.15	00.00	23.09.15	04.41	
		24.09.15	19.52	31.10.15	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	95	01.04.15	00.00	01.04.15	16.00	Economizer tube leakage
		01.04.15	16.00	20.04.15	22.50	
		15.05.15	17.20	27.05.15	22.09	
		13.06.15	20.34	19.06.15	00.00	Stopped due to low demand and high frequency
		20.06.15	00.00	20.06.15	17.35	AVR & Excitaiton system problem
		20.06.15	08.16	04.07.15	20.41	
		17.07.15	20.52	23.07.15	06.28	Stopped due to low demand and high frequency
		29.07.15	12.59	29.07.15	14.59	Differential protection
		29.07.15	14.59	01.08.15	19.35	
		03.08.15	20.38	20.09.15	12.40	Stopped due to low demand and high frequency
		27.09.15	03.17	28.09.15	06.30	Gen. , auxiliaries and electrical system problem
		02.10.15	18.16	03.10.15	13.47	
		09.10.15	01.00	31.10.15	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	210	05.04.15	11.00	06.04.15	18.48	Water wall leakage
		10.05.15	00.34	10.05.15	06.45	AVR & Excitation system
		11.05.15	15.18	11.05.15	17.36	Human error vaccum low
		18.05.15	06.12	18.05.15	12.33	6.6kv breaker problem
		31.05.15	23.31	03.06.15	13.37	6.6kv breaker problem
		03.06.15	13.37	06.06.15	05.03	Stopped due to low demand and high frequency
		05.08.15	08.11	05.08.15	14.29	Stopped due to generation, auxillaires and electrical system problem
		10.09.15	13.53	13.09.15	02.49	Boiler and auxiliaries problem
		13.09.15	03.30	13.09.15	12.11	C&I System problem
		20.09.15	01.48	10.10.15	00.56	Out due to planned outages
		10.10.15	01.26	31.10.15	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	210	01.04.15	00.00	10.05.15	21.04	Planned shutdown
		13.05.15	00.30	13.05.15	12.55	Human error durm level low
		26.05.15	06.47	26.05.15	11.04	Leakage in BFP a disch flow transmitter
		05.06.15	21.14	08.06.15	17.30	Super heater leakage
		08.06.15	17.30	09.06.15	01.40	Stopped due to low demand and high frequency
		01.08.15	13.56	03.08.15	13.40	Stopped due to boiler and auxillzaries
		04.10.15	19.37	04.10.15	23.20	C & I System
		12.10.15	22.05	13.10.15	01.28	Transmission lines / grid disturbance

(E) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	19.01.15	14.26	25.04.15	07.40	G.T.-I compressor stalled detected STG-I simultaneously tripped
		01.05.15	14.04	01.05.15	16.07	Unit tripped on customer trip alarm
		15.05.15	14.24	25.05.15	11.00	Stopped due to low demand and high frequency
		25.05.15	11.00	04.06.15	18.15	Bushing change of G.T.-1 transformer
		04.06.15	18.15	16.06.15	11.29	Stopped due to low demand and high frequency
		22.06.15	15.30	22.06.15	21.00	Unit tripped on pole discripency relay
		22.06.15	21.00	14.07.15	03.10	Stopped due to low demand and high frequency
		16.07.15	02.18	31.10.15	23.59	Machine tripped due to compressor stalling alarm

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	216	13.04.15	16.18	13.04.15	17.48	**Tripping of 2DA emergency section bus coupler, resultend GT-2 tripped on low lube oil pressure**
		25.04.15	23.17	15.05.15	06.50	Stopped due to low demand and high frequency
		30.05.15	19.04	09.06.15	09.00	
		09.06.15	09.00	21.06.15	11.00	Unit taken under CI
		21.06.15	11.00	22.06.15	16.37	
		11.07.15	15.12	16.07.15	06.14	
		19.07.15	10.22	17.09.15	00.42	
		29.09.15	00.55	30.09.15	01.42	
		03.10.15	00.12	06.10.15	14.42	
		29.10.15	00.54	31.10.15	01.42	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	216	24.03.15	04.47	01.09.15	10.00	Tripped due to G.T. -3 generator transformer engulfed in fire with huge blast
		01.09.15	10.00	31.10.15	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	216	01.04.15	00.00	05.05.15	17.00	Stopped due to low demand and high frequency
		05.05.15	17.00	19.05.15	21.00	Bushing change of G.T.-4 Transformer
		19.05.15	21.00	30.05.15	19.04	Stopped due to low demand and high frequency
		14.06.15	02.00	13.07.15	14.42	
		17.07.15	00.23	15.07.15	11.15	GT-4 exhaust spread high
		15.07.15	11.15	22.07.15	12.04	
		25.07.15	21.49	04.09.15	00.03	Stopped due to low demand and high frequency
		16.09.15	19.38	25.09.15	24.00	Unit tripped due to the cold gas temp high
		26.09.15	00.00	31.10.15	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-1	254	13.04.15	16.18	13.04.15	19.16	Unit stopped due to tripping of G.T. -2
		20.04.15	13.32	20.04.15	15.31	Unit tripped due to PDMX appeared on GRP panel
		01.05.15	14.10	01.05.15	17.29	Machine stopped due to G.T.-1 tripped
		02.05.15	16.29	02.05.15	22.34	Unit tripped on HP exhaust steam temperature very high
		30.05.15	19.10	04.06.15	18.00	Stopped due to low demand and high frequency
		04.06.15	18.00	14.06.15	22.00	STG-1 for bu;shing change
		14.06.15	22.00	16.06.15	20.27	Stopped due to low demand and high frequency
		22.06.15	15.38	22.06.15	20.12	STG tripped due to tripping of Unit ï I
		01.07.15	20.56	01.07.15	21.50	STG -1 tripped because of shaft voltage high
		11.07.15	15.15	14.07.15	06.55	Stopped due to low demand and high frequency
		16.07.15	02.18	16.07.15	10.59	Tripped subcequent to GT-1 and then synch with GT-2
		16.07.15	10.28	17.09.15	09.07	Stopped due to low demand and high frequency
		29.09.15	00.55	30.09.15	07.53	
		03.10.15	00.12	06.10.15	21.50	
		29.10.15	00.55	31.10.15	07.53	

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-2	254	01.04.15	00.00	05.05.15	17.00	Stopped due to low demand and high frequency
		19.05.15	21.00	30.05.15	19.04	
		03.06.15	18.26	03.06.15	20.33	STG-2 tripped due to CW Problem
		14.06.15	02.00	14.07.15	00.03	Stopped due to low demand and high frequency
		14.07.15	00.23	15.07.15	11.15	Tripped subsequent to GT-4
		15.07.15	11.15	22.07.15	20.23	Stopped due to low demand and high frequency
		25.07.15	20.38	25.07.15	21.38	STG -2 tripped
		25.07.15	21.49	04.09.15	07.20	Stopped due to low demand and high frequency
		16.09.15	19.38	24.09.15	24.00	Unit tripped as GT-4 tripped due to the cold gas temp high
		26.09.15	00.00	31.10.15	23.59	Stopped due to low demand and high frequency

(F) RITHALA POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	31.8	19.03.13	17:32	31.10.15	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	31.8	07.06.13	22:41	31.10.15	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	31.8	07.06.13	22:38	31.10.15	23.59	Stopped due to low demand and high frequency

4 ALLOCATION OF POWER TO DELHI

A) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 01.04.2015

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	576	500	0	0	500
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
TOTAL	**9782**	**1302**	**2126**	**1860**	**0**	**0**	**1860**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	240	0	32	31	0	0	31
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	520	66	66	63	0	0	63
TOTAL	**4065**	**272**	**479**	**455**	**0**	**0**	**455**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**17627**	**1990**	**2992**	**2674**	**0**	**0**	**2674**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	0	0	0	0	0
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	**29047**	**2257**	**3698**	**3275**	**0**	**0**	**3275**

B) **Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 01.07.2015**

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	576	500	0	0	500
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
TOTAL	**9782**	**1302**	**2126**	**1860**	**0**	**0**	**1860**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	240	0	32	31	0	0	31
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	520	66	66	63	0	0	63
TOTAL	**4065**	**272**	**479**	**455**	**0**	**0**	**455**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**17627**	**1990**	**2992**	**2674**	**0**	**0**	**2674**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	304	273	0	0	273
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	**29047**	**2257**	**4002**	**3548**	**0**	**0**	**3548**

C) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 18.07.2015

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	136	0	0	136
Rihand-I	1000	150	100	91	0	0	91
Rihand Stage -II	1000	150	126	114	0	0	114
Rihand Stage -III	1000	150	132	119	0	0	119
ANTA GPS	419	63	44	43	0	0	43
Auriya GPS	663.36	99	72	70	0	0	70
Dadri GPS	829.78	129	91	88	0	0	88
Dadri NCTPS (Th)	840	0	576	521	0	0	521
Dadri NCTPS (Th) Stage-II	980	147	735	665	0	0	665
Unchahaar-I TPS	420	20	24	22	0	0	22
Unchahaar-II TPS	420	63	47	43	0	0	43
Unchahaar-III TPS	210	31	29	26	0	0	26
TOTAL	**9782**	**1302**	**2126**	**1937**	**0**	**0**	**1937**
NHPC							
Baira Suil HPS	180	0	20	20	0	0	20
Salal HPS	690	0	80	79	0	0	79
Tanakpur HEP	94	0	12	12	0	0	12
Chamera HEP	540	0	43	42	0	0	42
Chamera-II HEP	300	54	40	40	0	0	40
Chamera-III HEP	231	35	29	29	0	0	29
URI-I HEP	480	0	53	52	0	0	52
URI-II HEP	240	0	32	32	0	0	32
Sewa HEP	120	18	16	16	0	0	16
Dhauli Ganga HEP	280	42	37	37	0	0	37
Dulhasti HEP	390	58	50	50	0	0	50
Parbati-III HEP	520	66	66	66	0	0	66
TOTAL	**4065**	**272**	**479**	**474**	**0**	**0**	**474**
NPC							
Narora APS	440	64	47	43	0	0	43
RAPP (C)	440	64	56	51	0	0	51
TOTAL	**880**	**128**	**103**	**93**	**0**	**0**	**93**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	141	0	0	141
THDC							
Tehri Hydro	1000	99	103	102	0	0	102
Koteshwar HEP	400	40	39	39	0	0	39
TOTAL	**1400**	**139**	**142**	**141**	**0**	**0**	**141**
Total	**17627**	**1990**	**2992**	**2786**	**0**	**0**	**2786**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	20	0	0	20
Kahalgaon	840	0	51	46	0	0	46
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	27	0	0	27
Kahalgaon-II	1500	0	157	142	0	0	142
Total ER	**5960**	**153**	**261**	**236**	**0**	**0**	**236**
Joint Venture							
Jhajjar TPS	1500	114	304	284	0	0	284
Ultra Mega Projects							
Sasan	3960	0	446	417	0	0	417
Grand Total	**29047**	**2257**	**4002**	**3723**	**0**	**0**	**3723**

D) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 01.09.2015

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
Koldam HEP	800	120	56	53	0	0	53
TOTAL	**10582**	**1422**	**2362**	**2069**	**0**	**0**	**2069**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	240	0	32	31	0	0	31
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	520	66	66	63	0	0	63
TOTAL	**4065**	**272**	**479**	**455**	**0**	**0**	**455**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**18427**	**2110**	**3228**	**2884**	**0**	**0**	**2884**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	304	273	0	0	273
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	**29847**	**2377**	**4238**	**3757**	**0**	**0**	**3757**

E) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 01.10.2015

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
Koldam HEP	800	120	56	53	0	0	53
TOTAL	**10582**	**1422**	**2362**	**2069**	**0**	**0**	**2069**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	240	0	32	31	0	0	31
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	520	66	66	63	0	0	63
TOTAL	**4065**	**272**	**479**	**455**	**0**	**0**	**455**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**18427**	**2110**	**3228**	**2884**	**0**	**0**	**2884**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	0	0	0	0	0
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	**29847**	**2377**	**3934**	**3484**	**0**	**0**	**3484**

F) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 16.10.2015

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
Koldam HEP	800	120	56	53	0	0	53
TOTAL	**10582**	**1422**	**2362**	**2069**	**0**	**0**	**2069**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	240	0	32	31	0	0	31
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	520	66	66	63	0	0	63
TOTAL	**4065**	**272**	**479**	**455**	**0**	**0**	**455**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	63	60	0	0	60
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**102**	**97**	**0**	**0**	**97**
Total	**18427**	**2110**	**3188**	**2846**	**0**	**0**	**2846**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	0	0	0	0	0
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	**29847**	**2377**	**3894**	**3446**	**0**	**0**	**3446**

5 ALLOCATION OF POWER TO DISCOMS

A) ALLOCATION OF POWER TO VARIOUS LISCENCEES AS PER ORDER OF DERC AND DECISION OF GNCTD FOR ALLOCATION OF CENTRAL SECTOR STATIONS (DADRI THERMAL & BTPS) AND STATE SECTOR GENERATING STATIONS w.e.f. 06.08.2013.

(Allocation In %)

(A) 10.00hrs. to 17.00hrs.

SOURCES	LICENSEES					
	NDMC	MES	NDPL	BRPL	BYPL	TOTAL
1. Central Sector without Dadri (Th)	0	0	29.18	43.58	27.24	100.00
2. Dadri (Th)	16.63	0	24.22	36.86	22.39	100.00
3. BTPS	17.73	7.09	21.81	33.2	20.17	100.00
4. RPH	0	0	29.025	44.133	26.842	100.00
5. GT	0	0	29.02	44.16	26.82	100.00
6. Pragati	30.3	0	20.22	30.78	18.7	100.00
7. DVC	0	0	29.18	43.58	27.24	100.00
8. BAWANA CCGT*	7.30	1.82	20.688	30.888	19.304	80.00

(B) 00.00hrs. to 10.00hrs. and 17.00hrs. to 24.00hrs.

SOURCES	LICENSEES					
	NDMC	MES	NDPL	BRPL	BYPL	TOTAL
1. Central Sector without Dadri (Th)	0	0	29.18	43.58	27.24	100.00
2. Dadri (Th)	16.53	0	24.22	36.86	22.39	100.00
3. BTPS	17.73	7.09	21.81	33.2	20.17	100.00
4. RPH	0	0	29.025	44.133	26.842	100.00
5. GT	0	0	29.02	44.16	26.82	100.00
6. Pragati	30.3	0	20.22	30.78	18.7	100.00
7. DVC	0	0	29.18	43.58	27.24	100.00
8. BAWANA CCGT*	7.30	1.82	20.688	30.888	19.304	80.00

* 20% POWER OF BAWANA CCGT ALLOCATED TO HARYANA (10%) & PUNJAB (10%)

6 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING OCTOBER 2015

All figures in MW

Date	Time of peak demand	Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		RPH	GT	PPCL	Rithala	Bawana	Townmcl	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	19.00.00	0	33	148	0	252	12	223	668	3557	3592	-35	4225	0	4225
2	00.00.54	0	33	152	0	241	16	226	668	3224	3181	43	3892	0	3892
3	19.01.34	0	61	146	0	-5	11	260	473	3618	3610	8	4091	0	4091
4	22.49.31	0	37	142	0	-5	6	63	243	3829	3668	161	4072	0	4072
5	18.20.13	0	73	141	0	-5	11	258	478	3892	3551	341	4370	0	4370
6	15.15.17	0	71	144	0	29	6	252	502	3861	3804	57	4363	0	4363
7	09:21:36	0	36	145	0	253	6	240	680	3778	3631	147	4458	0	4458
8	18.47.00	0	37	145	0	250	6	231	669	3718	3632	86	4387	0	4387
9	16.03.17	0	34	143	0	260	3	166	606	3875	3691	184	4481	0	4481
10	19.16.25	0	36	144	0	259	15	168	622	3480	3473	7	4102	0	4102
11	23.30.48	0	37	148	0	261	8	168	622	3450	3387	63	4072	0	4072
12	18.44.34	0	36	145	0	259	11	190	641	3708	3681	27	4349	0	4349
13	19.04.33	0	37	96	0	252	10	190	585	3814	3715	99	4399	0	4399
14	15.33.36	0	35	144	0	254	16	165	614	3739	3743	-4	4353	10	4363
15	18.46.39	0	36	148	0	254	16	165	619	3695	3655	40	4314	0	4314
16	18.36.09	0	34	147	0	253	16	165	615	3639	3724	-85	4254	6	4260
17	19.00.00	0	37	148	0	250	10	165	610	3363	3402	-39	3973	0	3973
18	18.58.18	0	35	147	0	250	16	165	613	3175	3236	-61	3788	0	3788
19	19.30.00	0	37	146	0	249	16	165	613	3460	3492	-32	4073	0	4073
20	18.28.05	0	36	53	0	247	14	156	506	3782	3526	256	4288	0	4288
21	18.26.44	0	36	145	0	259	16	159	615	3448	3363	85	4063	29	4092
22	00.00.28	0	37	152	0	251	11	161	612	2624	2659	-35	3236	0	3236
23	18.36.39	0	38	150	0	243	11	161	603	3226	3144	82	3829	0	3829
24	19.00.00	0	37	150	0	249	14	154	604	2822	2812	10	3426	0	3426
25	18.54.00	0	35	150	0	250	10	157	602	2875	2716	159	3477	0	3477
26	19.00.00	0	38	151	0	250	16	158	613	3033	2944	89	3646	90	3736
27	18.34.21	0	36	150	0	260	16	166	628	3046	2968	78	3674	0	3674
28	18.44.23	0	38	157	0	251	16	164	626	2721	2629	92	3347	0	3347
29	18.33.00	0	36	155	0	-5	15	167	368	3051	3008	43	3419	0	3419
30	11.10.38	0	33	153	0	0	16	157	359	3067	2970	97	3426	0	3426
31	19.00.00	0	37	151	0	250	15	160	613	2632	2471	161	**3245**	0	3245

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING OCTOBER 2015

Date	Time of peak demand	Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		RPH	GT	PPCL	Rithala	Bawana	Tow mcl	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	19.00.00	0	33	148	0	252	12	223	668	3557	3592	-35	4225	0	4225
2	00.00.54	0	33	152	0	241	16	226	668	3224	3181	43	3892	0	3892
3	19.01.34	0	61	146	0	-5	11	260	473	3618	3610	8	4091	0	4091
4	22.49.31	0	37	142	0	-5	6	63	243	3829	3668	161	4072	0	4072
5	18.20.13	0	73	141	0	-5	11	258	478	3892	3551	341	4370	0	4370
6	15.15.17	0	71	144	0	29	6	252	502	3861	3804	57	4363	0	4363
7	09:21:36	0	36	145	0	253	6	240	680	3778	3631	147	4458	0	4458
8	18.47.00	0	37	145	0	250	6	231	669	3718	3632	86	4387	0	4387
9	16.03.17	0	34	143	0	260	3	166	606	3875	3691	184	4481	0	4481
10	19.16.25	0	36	144	0	259	15	168	622	3480	3473	7	4102	0	4102
11	23.30.48	0	37	148	0	261	8	168	622	3450	3387	63	4072	0	4072
12	18.44.34	0	36	145	0	259	11	190	641	3708	3681	27	4349	0	4349
13	19.04.33	0	37	96	0	252	10	190	585	3814	3715	99	4399	0	4399
14	15.33.36	0	35	144	0	254	16	165	614	3739	3743	-4	4353	10	4363
15	18.46.39	0	36	148	0	254	16	165	619	3695	3655	40	4314	0	4314
16	18.36.09	0	34	147	0	253	16	165	615	3639	3724	-85	4254	6	4260
17	19.00.00	0	37	148	0	250	10	165	610	3363	3402	-39	3973	0	3973
18	18.58.18	0	35	147	0	250	16	165	613	3175	3236	-61	3788	0	3788
19	19.30.00	0	37	146	0	249	16	165	613	3460	3492	-32	4073	0	4073
20	18.28.05	0	36	53	0	247	14	156	506	3782	3526	256	4288	0	4288
21	18.26.44	0	36	145	0	259	16	159	615	3448	3363	85	4063	29	4092
22	00.00.28	0	37	152	0	251	11	161	612	2624	2659	-35	3236	0	3236
23	18.36.39	0	38	150	0	243	11	161	603	3226	3144	82	3829	0	3829
24	19.00.00	0	37	150	0	249	14	154	604	2822	2812	10	3426	0	3426
25	18.54.00	0	35	150	0	250	10	157	602	2875	2716	159	3477	0	3477
26	19.00.00	0	38	151	0	250	16	158	613	3033	2944	89	3646	90	3736
27	18.34.21	0	36	150	0	260	16	166	628	3046	2968	78	3674	0	3674
28	18.44.23	0	38	157	0	251	16	164	626	2721	2629	92	3347	0	3347
29	18.33.00	0	36	155	0	-5	15	167	368	3051	3008	43	3419	0	3419
30	11.10.38	0	33	153	0	0	16	157	359	3067	2970	97	3426	0	3426
31	19.00.00	0	37	151	0	250	15	160	613	2632	2471	161	**3245**	0	3245

8 SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR OCTOBER 2015

A) AVAILABILITY FROM GENCO AND PRAGATI STNs. (all fig in MUs)

A (i) RPH	0.000
(ii) GT+STG	31.808
(iii) PRAGATI	108.756
(iv) RITHALA	0.000
(v) BAWANA CCGT	156.319
(vi) Timarpur ï Okhla	10.937
TOTAL	307.820
B) AVAILABILITY FROM BTPS	131.925
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	14.153
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**425.592**

B) SOURCE WISE SCHEDULED DRAWL FROM THE NORTHERN GRID

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
B/SUIL	3.156	3.088	2.354	2.303
SALAL	23.064	22.562	17.207	16.832
SASAN	274.891	268.975	274.161	268.264
TANKAPUR	4.711	4.611	3.514	3.440
CHAMERA	8.729	8.546	6.512	6.376
CHAMERA -II	10.860	10.629	8.101	7.929
CHAMERA -III	6.450	6.313	4.811	4.710
DHAULIGANGA	8.044	7.875	6.000	5.874
SEWA -2	3.622	3.542	2.702	2.643
URI	26.954	26.368	20.108	19.671
URI-II	19.200	18.782	19.200	18.782
KOLDAM	10.811	10.581	10.811	10.581
KOTESHWAR	8.184	8.011	8.184	8.011
PARBATI3	3.093	3.028	2.956	2.893
RAMPUR	0.000	0.000	0.000	0.000
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	0.957	0.930	0.697	0.678
ANTA (RLNG)	27.976	27.370	0.003	0.003
ANTA (LIQUID)	2.729	2.675	0.000	0.000
DADRI (GAS)	25.568	25.008	15.123	14.799
DADRI (RLNG)	23.425	22.915	0.431	0.422
DADRI (LIQUID)	6.287	6.164	0.000	0.000
AURAIYA (GAS)	15.872	15.514	8.282	8.095
AURAIYA (RLNG)	31.126	30.459	0.000	0.000
AURAIYA (LIQUID)	0.000	0.000	0.000	0.000
SINGRAULI	100.823	98.639	94.830	92.793
RIHAND -I	61.803	60.454	55.133	53.938
RIHAND -II	85.639	83.788	73.263	71.701
RIHAND -III	47.255	46.232	42.646	41.733
UNCHAHAR-I	9.390	9.181	6.697	6.551
UNCHAHAR-II	32.002	31.311	24.900	24.371
UNCHAHAR-III	20.549	20.105	15.753	15.419
DADRI (TH)	536.558	524.956	203.374	199.223
DADRI (TH) STAGE-II	542.033	530.313	425.991	416.920
NAPP	22.816	22.300	22.816	22.300
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	24.770	24.214	24.523	23.972
NATHPA JHAKRI	41.466	40.581	30.934	30.274
DULASTI	25.153	24.618	25.153	24.618

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
TEHRI	20.889	20.462	20.889	20.462
JHAJJAR	0.000	0.000	0.000	0.000
KHELGAON	34.024	33.286	24.672	24.146
KHELGAON-II	98.234	96.089	83.559	81.756
FARAKA	10.248	10.027	9.392	9.190
TALA	13.240	12.964	13.240	12.964
TALCHER	0.000	0.000	0.000	0.000
DVC	153.163	151.534	151.534	148.186
UTTAR PRADESH	0.000	0.000	0.000	0.000
TRIPUA	0.000	0.000	0.000	0.000
MEGHALAYA	2.188	2.184	2.184	2.145
ASSAM	2.569	2.544	2.544	2.491
DVC CTPS (BYPL)	0.000	0.000	0.000	0.000
DVC CTPS (NDPL)	0.000	0.000	0.000	0.000
METHON POWER(NDPL)LT-06	168.883	167.076	167.076	165.288
DVC MEJIA (LT-08)(BYPL)	50.248	49.705	49.705	48.689
URS	0.769	0.753	0.769	0.753
JAMMU & KASHMIR	4.477	4.448	4.448	4.352
HIMACHAL PRADESH	0.638	0.632	0.632	0.620
PUNJAB	0.000	0.000	0.000	0.000
MADHYA PRADESH	24.814	24.512	24.512	23.971
CHATTISHGARH	0.016	0.015	0.015	0.015
DVC LT-9	0.000	0.000	0.000	0.000
HARYANA (LT-05)	38.912	38.678	38.678	37.840
WEST BENGAL	0.000	0.000	0.000	0.000
ORISSA	0.000	0.000	0.000	0.000
RAJASTHAN(SOLAR) BRPL-LT36	3.243	3.162	3.162	3.094
RAJASTHAN(SOLAR) BYPL - LT-35	3.243	3.162	3.162	3.094
RAJASTHAN(SOLAR) TPDDL LT-31	3.243	3.162	3.162	3.094
TO JAMMU & KASHMIR	-29.294	-29.558	-29.558	-30.295
TO KARNATAKA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	0.000	0.000	0.000	0.000
TO TRIPURA	-1.370	-1.376	-1.376	-1.404
TO PUNJAB	0.000	0.000	0.000	0.000
TO CHATTISHGARH	-35.982	-36.605	-36.605	-37.414
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO KERALA	-1.415	-1.449	-1.449	-1.488
TO RAJASTHAN	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	0.000	0.000	0.000	0.000
TO ORISSA	-31.469	-31.889	-31.889	-32.573
POWER EXCHANGE(IEX)	247.842	242.789	247.842	242.789
TO POWER EXCHANGE (IEX)	-21.541	-22.072	-21.541	-22.072
POWRER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (PX)	-0.332	-0.339	-0.332	-0.339
TO SHARE PROJECT (HARYANA)	-14.041	-14.351	-14.041	-14.351
TO SHARE PROJECT (PUNJAB)	-12.358	-12.630	-12.358	-12.630
TOTAL	**2829.043**	**2767.556**	**2159.197**	**2108.491**

C) AGENCY WISE BREAKUP OF ENERGY SCHEDULED DRAWL FROM THE GRID

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
NTPC - NR	1580.799	1546.597	977.933	957.227
NTPC - ER	142.506	139.401	117.623	115.092
NHPC	143.035	139.963	118.618	116.070
NPC	47.586	46.514	47.339	46.272
SASAN	274.891	268.975	274.161	268.264
KOTESHWAR	8.184	8.011	8.184	8.011
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	41.466	40.581	30.934	30.274
TEHRI	20.889	20.462	20.889	20.462
TALA	13.240	12.964	13.240	12.964
JHAJJAR	0.000	0.000	0.000	0.000
TALCHER	0.000	0.000	0.000	0.000
RAJASTHAN SOLAR(BRPL)T-36	3.243	3.162	3.162	3.094
RAJASTHAN SOLAR(BYPL)T-35	3.243	3.162	3.162	3.094
RAJASTHAN SOLAR(TPDDL)T-31	3.243	3.162	3.162	3.094
DVC	153.163	151.534	151.534	148.186
UTTAR PRADESH	0.000	0.000	0.000	0.000
TRIPURA	0.000	0.000	0.000	0.000
MEGHALAYA	2.188	2.184	2.184	2.145
ASSAM	2.569	2.544	2.544	2.491
DVC CTPS (BYPL)	0.000	0.000	0.000	0.000
DVC CTPS (NDPL)	0.000	0.000	0.000	0.000
METHON POWER (NDPL)-LT-06	168.883	167.076	167.076	165.288
DVC MEJIA (LT-08)(BYPL)	50.248	49.705	49.705	48.689
URS	0.769	0.753	0.769	0.753
JAMMU & KASHMIR	4.477	4.448	4.448	4.352
HIMACHAL PRADESH	0.638	0.632	0.632	0.620
PUNJAB	0.000	0.000	0.000	0.000
MADHYA PRADESH	24.814	24.512	24.512	23.971
CHATTISHGARH	0.016	0.015	0.015	0.015
DVC (FOR NDPL) LT-09	0.000	0.000	0.000	0.000
HARYANA (LT -05)	38.912	38.678	38.678	37.840
WEST BENGAL	0.000	0.000	0.000	0.000
ORISSA	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	247.842	242.789	247.842	242.789
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**2976.845**	**2917.826**	**2308.348**	**2261.056**

D) AGENCY WISE BREAKUP OF ENERGY SCHEDULED BY NRLDC FOR EXPORT TO OTHER UTILITIES FROM DTL

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT POWER PERIPHERY
TO JAMMU & KASHMIR	-29.294	-29.558	-29.558	-30.295
TO KARNATAKA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	0.000	0.000	0.000	0.000
TO TRIPURA	-1.370	-1.376	-1.376	-1.404
TO CHATTISHGARH	-35.982	-36.605	-36.605	-37.414
TO PUNJAB	0.000	0.000	0.000	0.000
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO KERALA	-1.415	-1.449	-1.449	-1.488
TO RAJASTHAN	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	0.000	0.000	0.000	0.000
TO ORISSA	-31.469	-31.889	-31.889	-32.573
TO POWER EXCHANGE (IEX)	-21.541	-22.072	-21.541	-22.072
TO POWER EXCHANGE (PX)	-0.332	-0.339	-0.332	-0.339
TO SHARE PROJECT (HARYANA)	-14.041	-14.351	-14.041	-14.351
TO SHARE PROJECT (PUNJAB)	-12.358	-12.630	-12.358	-12.630
TOTAL	**-147.802**	**-150.271**	**-149.150**	**-152.565**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**2829.043**	**2767.556**	**2159.197**	**2108.491**

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS		2545.380
NET CONSUMPTION		**2531.227**
AVAILABILITY WITHIN DELHI		425.592
ACTUAL DRAWAL FROM THE GRID		2105.635
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY		-2.856
LOAD SHEDDING		2.839
UNRESTRICTED DEMAND (GROSS)		2548.219
UNRESTRICTED DEMAND (NET)		2534.066
MAX. NET CONSUMPTION		95.243 ON 07.10.2015
MAX. LOAD SHEDDING		558MW ON 12.10.2015 AT 22.15HRS.
PEAK LOAD	Peak Demand during the month	SHEDDING AT PEAK TIME
DAY PEAK	4481MW AT 16.03.17HRS ON 09.10.2015	0 MW
EVENING PEAK	4458MW AT 18.39HRS ON 07.10.2015	0 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH	00.00%
	GT	15.83%
	PRAGATI	44.30%
	RITHALA	0.00%
	BAWANA	15.33%
	Timarpur Okhla	91.88%

9 SHEDDING DETAILS DURING THE MONTH OF OCTOBER 2015.

ALL FIGURES IN MUs

DATE	No. of Under Freq. Relay Operated	Shedding due to under frequency relay operation in MUs					Shedding due to Grid Restrictions (Over drawal / low freq.)				
		BSES		NDPL	NDMC	TOTAL	BSES		NDPL	NDMC	MES
		BYPL	BRPL				BYPL	BRPL			
1	2	3	4	5	6	7=3 to 6	8	9	10	11	12
01.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
02.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
03.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.117	0.030	0.000	0.000
04.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.014	0.035	0.000	0.000	0.000
05.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.069	0.034	0.000	0.000
06.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
07.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.017	0.057	0.000	0.000	0.000
08.Oct.15	1	0.000	0.000	0.011	0.000	**0.011**	0.000	0.000	0.000	0.000	0.000
09.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
10.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.005	0.045	0.000	0.000	0.000
11.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
12.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.063	0.043	0.000	0.000
13.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.312	0.000	0.000	0.000
14.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
15.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
16.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
17.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.006	0.000	0.000
18.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.010	0.000	0.000
19.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.215	0.015	0.000	0.000
20.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.008	0.000	0.000
21.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.009	0.000	0.000	0.000
22.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
23.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
24.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
25.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.019	0.000	0.000
26.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.172	0.003	0.000	0.000
27.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.007	0.000	0.000
28.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.018	0.000	0.000
29.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
30.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.012	0.000	0.000
31.Oct.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.101	0.028	0.000	0.000
TOTAL	**1**	**0.000**	**0.000**	**0.011**	**0.000**	**0.011**	**0.036**	**1.195**	**0.233**	**0.000**	**0.000**

ALL FIGURES IN MUs

Date	Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VOILATION				DUE TO NEW GRID CODE REGULATION DEVIATOIN			Shedding due to Transmission/Grid Constraints in Central sector stations				Total	Total shedding due to grid restrictions
	BSES		NDPL	NDMC	BSES			BSES		TPDDL	NDMC		
	BYPL	BRPL			BYPL	BRPL	TPDDL	BYPL	BRPL				
	13	14	15	16	17	18	19	20	21	22	23	24=8 to 23	25=7+24
01.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
02.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
03.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.147**	**0.147**
04.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.049**	**0.049**
05.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.103**	**0.103**
06.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
07.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.074**	**0.074**
08.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.011**
09.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
10.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.050**	**0.050**
11.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
12.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.106**	**0.106**
13.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.312**	**0.312**
14.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
15.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
16.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
17.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.006**	**0.006**
18.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.010**	**0.010**
19.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.230**	**0.230**
20.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.008**	**0.008**
21.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.009**	**0.009**
22.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
23.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
24.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
25.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.019**	**0.019**
26.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.175**	**0.175**
27.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.007**	**0.007**
28.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.018**	**0.018**
29.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
30.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.012**	**0.012**
31.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.129**	**0.129**
TOTAL	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**1.464**	**1.475**

ALL FIGURES IN MUs

Date	DUE TO T&D CONSTRAINTS IN DELHI SYSTEM								
	DTL					DISCOMS			
	BSES		NDPL	NDMC	MES	BSES		NDPL	NDMC
	BYPL	BRPL				BYPL	BRPL		
	26	27	28	29	30	31	32	33	34
01.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.Oct.15	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.0001	0.000
05.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.018	0.003	0.000
06.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
07.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.000
08.Oct.15	0.005	0.000	0.000	0.000	0.000	0.006	0.008	0.002	0.000
09.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.Oct.15	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000
11.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000
12.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000
13.Oct.15	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.Oct.15	0.000	0.000	0.000	0.000	0.000	0.013	0.051	0.000	0.000
15.Oct.15	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000
16.Oct.15	0.000	0.042	0.000	0.000	0.000	0.000	0.008	0.052	0.000
17.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.031	0.001	0.000
18.Oct.15	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000
19.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.023	0.000
20.Oct.15	0.008	0.000	0.016	0.000	0.000	0.000	0.016	0.000	0.000
21.Oct.15	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.010	0.000
22.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.001	0.000
23.Oct.15	0.000	0.005	0.000	0.000	0.000	0.000	0.038	0.000	0.000
24.Oct.15	0.008	0.001	0.000	0.000	0.000	0.000	0.005	0.000	0.000
25.Oct.15	0.000	0.000	0.016	0.000	0.000	0.000	0.002	0.000	0.000
26.Oct.15	0.000	0.000	0.000	0.000	0.000	0.020	0.008	0.001	0.000
27.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.028	0.000	0.000
28.Oct.15	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000
29.Oct.15	0.000	0.000	0.001	0.000	0.000	0.002	0.000	0.000	0.000
30.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.001	0.000
TOTAL	**0.046**	**0.048**	**0.058**	**0.000**	**0.000**	**0.049**	**0.260**	**0.122**	**0.000**

ALL FIGURES IN MUs

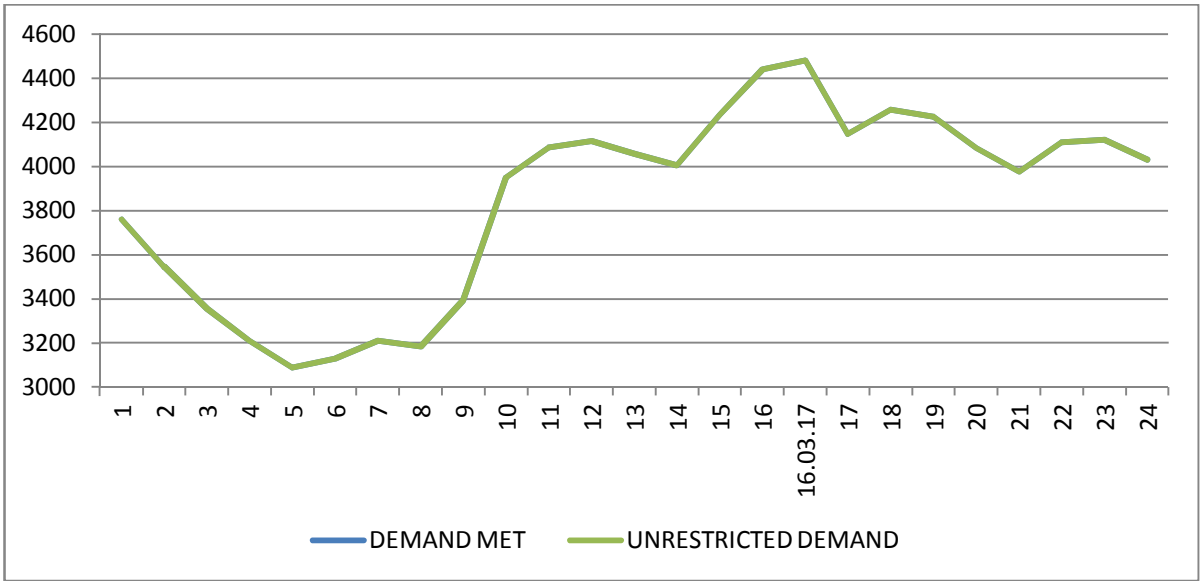
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		NDPL	NDMC	BSES		NDPL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.002**	**0.002**
02.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.001**	**0.001**
03.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.006	**0.006**	**0.153**
04.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.030	**0.032**	**0.081**
05.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.027	**0.048**	**0.151**
06.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.002**	**0.002**
07.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.008	**0.023**	**0.097**
08.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.015	**0.036**	**0.047**
09.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.008	**0.008**	**0.008**
10.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.002**	**0.052**
11.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.009**	**0.009**
12.Oct.15	0.039	0.420	0.000	0.000	0.000	0.000	0.010	**0.481**	**0.587**
13.Oct.15	0.000	0.054	0.000	0.000	0.000	0.000	0.019	**0.098**	**0.410**
14.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.009	**0.073**	**0.073**
15.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.004**	**0.004**
16.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.003	**0.105**	**0.105**
17.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.007	**0.039**	**0.045**
18.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.006	**0.009**	**0.019**
19.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.020	**0.045**	**0.275**
20.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.040**	**0.048**
21.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.023**	**0.032**
22.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.013**	**0.013**
23.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.015	**0.058**	**0.058**
24.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.005	**0.019**	**0.019**
25.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.020	**0.038**	**0.057**
26.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.012	**0.041**	**0.216**
27.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.010	**0.038**	**0.045**
28.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.014	**0.023**	**0.041**
29.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.005**	**0.005**
30.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.010	**0.010**	**0.022**
31.Oct.15	0.000	0.000	0.000	0.000	0.000	0.000	0.008	**0.033**	**0.162**
TOTAL	**0.039**	**0.474**	**0.000**	**0.000**	**0.000**	**0.000**	**0.268**	**1.364**	**2.839**

DATE	(NET CONS.)	MAXI. DEMAND MET DURING THE DAY	TIME OF OCCUR-RENCE OF MAX DEMAND	SHEDDING AT THIS TIME	UN-REST-RICTED DEMAND	MAXIMUM UN-REST-RICTED DEMAND DURING THE DAY	TIME OF MAX. UN-REST. DEMAND	DEMAND AT THAT TIME	SHEDDING AT THAT TIME
	In Mus.	IN MW	IN HRS.	IN MW	IN MW	IN MW	HRS.	IN MW	IN MW
1	32	33	34	35	36=33+35	37=39+40	38	39	40
01.Oct.15	90.314	4225	19:00	0	4225	4225	19:00	4225	0
02.Oct.15	84.337	3892	00:00:54	0	3892	3892	00:00:54	3892	0
03.Oct.15	84.148	4091	19:01:34	0	4091	4091	19:01:34	4091	0
04.Oct.15	84.277	4072	22:49:31	0	4072	4072	22:49:31	4072	0
05.Oct.15	91.140	4370	18:20:13	0	4370	4370	18:20:13	4370	0
06.Oct.15	92.759	4363	15:15:17	0	4363	4363	15:15:17	4363	0
07.Oct.15	95.243	4458	18:39	0	4458	4458	18:39	4458	0
08.Oct.15	93.431	4387	18:47	0	4387	4387	18:47	4387	0
09.Oct.15	91.531	4481	16:03:17	0	4481	4481	16:03:17	4481	0
10.Oct.15	86.792	4102	19:16:25	0	4102	4102	19:16:25	4102	0
11.Oct.15	82.468	4072	23:30:48	0	4072	4072	23:30:48	4072	0
12.Oct.15	90.565	4349	18:44:34	0	4349	4349	18:44:34	4349	0
13.Oct.15	93.234	4399	19:04:33	0	4399	4399	19:04:33	4399	0
14.Oct.15	92.219	4353	15:33:36	10	4363	4363	15:33:36	4353	10
15.Oct.15	89.471	4314	18:46:39	0	4314	4314	18:46:39	4314	0
16.Oct.15	87.124	4254	18:36:09	6	4260	4260	18:36:09	4254	6
17.Oct.15	83.947	3973	19:00	0	3973	3973	19:00	3973	0
18.Oct.15	79.623	3788	18:58:18	0	3788	3788	18:58:18	3788	0
19.Oct.15	86.382	4073	19:30	9	4082	4144	18:30	4022	122
20.Oct.15	87.911	4288	18:28:05	0	4288	4288	18:28:05	4288	0
21.Oct.15	84.637	4063	18:26:44	29	4092	4092	18:26:44	4063	29
22.Oct.15	68.717	3236	00:00:28	0	3236	3236	00:00:28	3236	0
23.Oct.15	73.974	3829	18:36:39	0	3829	3829	18:36:39	3829	0
24.Oct.15	67.832	3426	19:00	0	3426	3426	19:00	3426	0
25.Oct.15	66.992	3477	18:54	0	3477	3477	18:54	3477	0
26.Oct.15	71.823	3646	19:00	90	3736	3736	19:00	3646	90
27.Oct.15	71.721	3674	18:34:21	0	3674	3674	18:34:21	3674	0
28.Oct.15	67.010	3347	18:44:23	0	3347	3347	18:44:23	3347	0
29.Oct.15	63.995	3419	18:33	0	3419	3419	18:33	3419	0
30.Oct.15	64.845	3426	11:10:38	0	3426	3426	11:10:38	3426	0
31.Oct.15	62.765	3245	19:00	0	3245	3254	18:30	3178	76
TOTAL	2531.227	4481 **09.10.15**	16:03:17	0	4481 09.10.15	4481	16:03:17	4481	0

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING OCTOBER 2015 ON 09.10.2015- 4481MW AT 16.03.17HRS.

All figures in MW

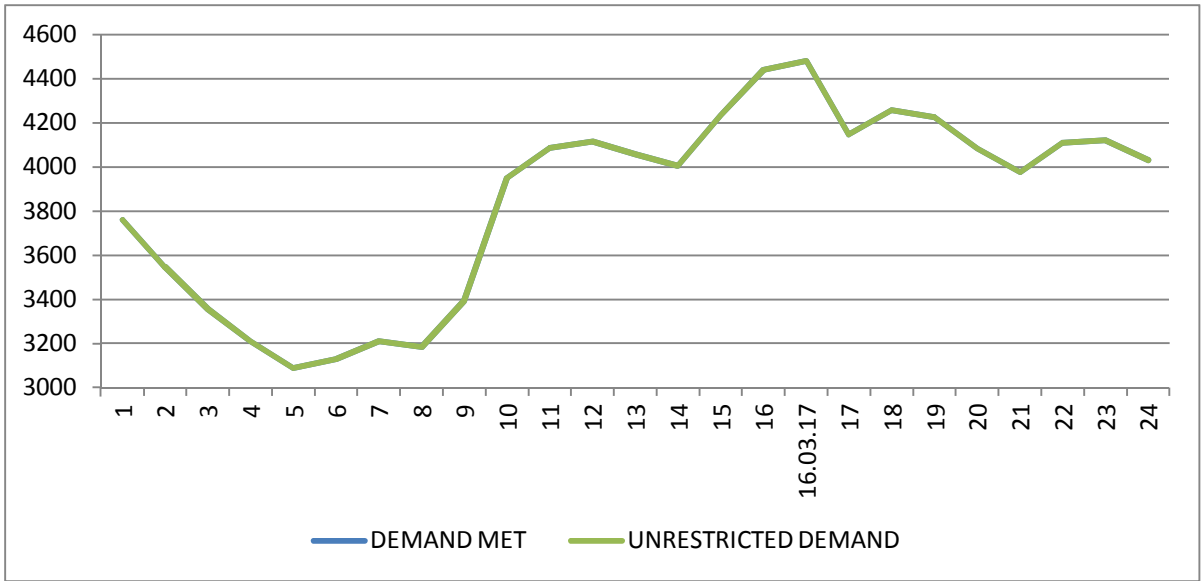
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01.00	3759	0	3759
02.00	3546	0	3546
03.00	3357	0	3357
04.00	3210	0	3210
05.00	3090	0	3090
06.00	3130	0	3130
07.00	3210	0	3210
08.00	3185	0	3185
09.00	3394	0	3394
10.00	3951	0	3951
11.00	4086	0	4086
12.00	4114	0	4114
13.00	4057	0	4057
14.00	4005	0	4005
15.00	4234	0	4234
16.00	4439	0	4439
16.03.17	4481	0	4481
17.00	4146	0	4146
18.00	4258	0	4258
19.00	4225	0	4225
20.00	4084	0	4084
21.00	3975	0	3975
22.00	4110	0	4110
23.00	4122	0	4122
24.00	4031	0	4031
Total (IN MUS)	**91.531**	**0.008**	**91.539**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING OCTOBER 2015 ON 09.10.2015- 4481MW AT 16.03.17HRS.

All figures in MW

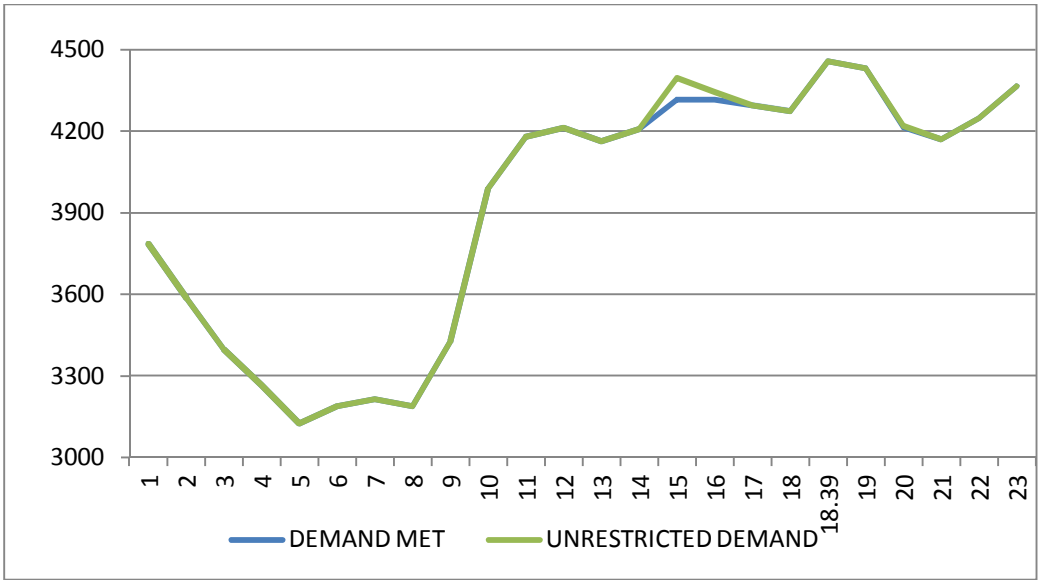
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01.00	3759	0	3759
02.00	3546	0	3546
03.00	3357	0	3357
04.00	3210	0	3210
05.00	3090	0	3090
06.00	3130	0	3130
07.00	3210	0	3210
08.00	3185	0	3185
09.00	3394	0	3394
10.00	3951	0	3951
11.00	4086	0	4086
12.00	4114	0	4114
13.00	4057	0	4057
14.00	4005	0	4005
15.00	4234	0	4234
16.00	4439	0	4439
16.03.17	4481	0	4481
17.00	4146	0	4146
18.00	4258	0	4258
19.00	4225	0	4225
20.00	4084	0	4084
21.00	3975	0	3975
22.00	4110	0	4110
23.00	4122	0	4122
24.00	4031	0	4031
Total (IN MUS)	**91.531**	**0.008**	**91.539**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING OCTOBER 2015 – 07.10.2015 – 95.243Mus

All figures in MW

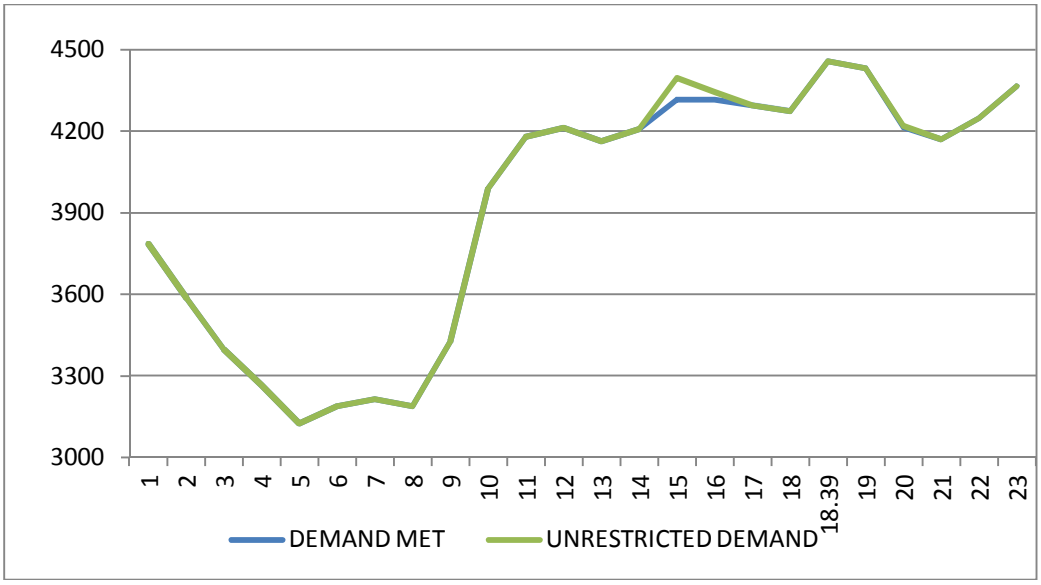
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01.00	3786	0	3786
02.00	3588	0	3588
03.00	3399	0	3399
04.00	3266	0	3266
05.00	3126	0	3126
06.00	3189	0	3189
07.00	3216	0	3216
08.00	3190	0	3190
09.00	3426	0	3426
10.00	3989	0	3989
11.00	4180	0	4180
12.00	4212	0	4212
13.00	4163	0	4163
14.00	4208	0	4208
15.00	4316	79	4395
16.00	4315	29	4344
17.00	4295	0	4295
18.00	4274	0	4274
18.39	4458	0	4458
19.00	4431	0	4431
20.00	4215	4	4219
21.00	4171	0	4171
22.00	4248	0	4248
23.00	4366	0	4366
24.00	4172	0	4172
Total (IN MUS)	**95.243**	**0.097**	**95.340**



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING OCTOBER 2015 – 07.10.2015 – 95.340 Mus

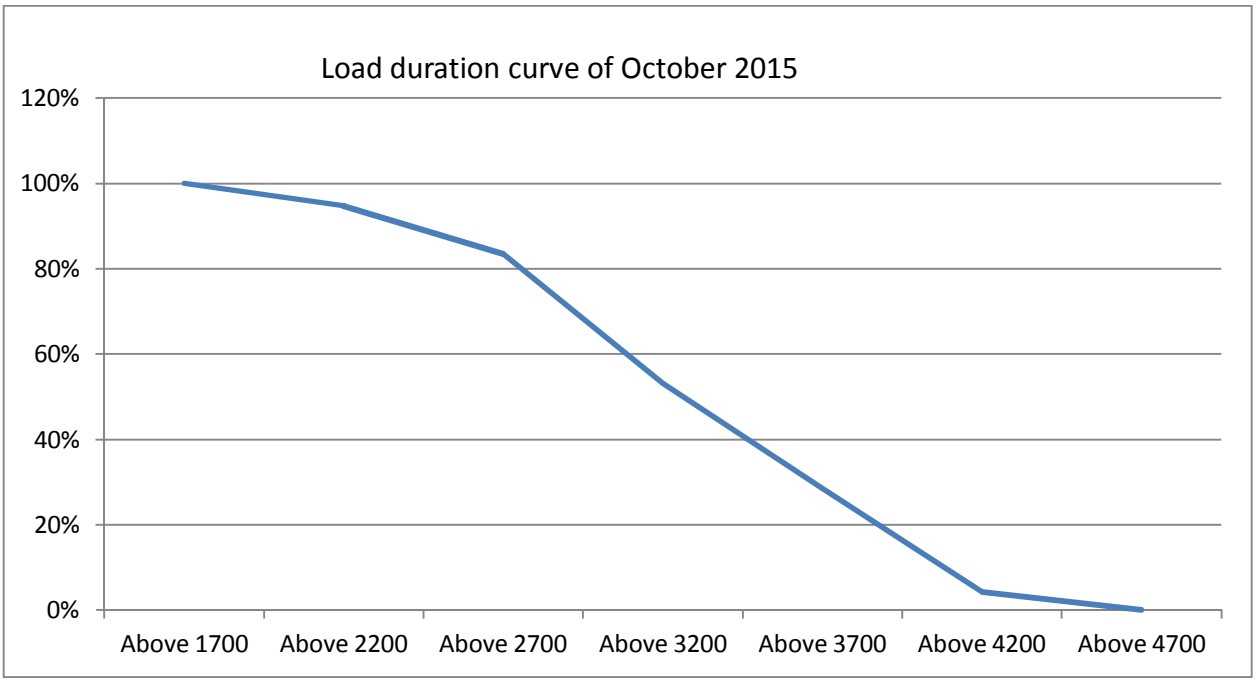
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
01.00	3786	0	3786
02.00	3588	0	3588
03.00	3399	0	3399
04.00	3266	0	3266
05.00	3126	0	3126
06.00	3189	0	3189
07.00	3216	0	3216
08.00	3190	0	3190
09.00	3426	0	3426
10.00	3989	0	3989
11.00	4180	0	4180
12.00	4212	0	4212
13.00	4163	0	4163
14.00	4208	0	4208
15.00	4316	79	4395
16.00	4315	29	4344
17.00	4295	0	4295
18.00	4274	0	4274
18.39	4458	0	4458
19.00	4431	0	4431
20.00	4215	4	4219
21.00	4171	0	4171
22.00	4248	0	4248
23.00	4366	0	4366
24.00	4172	0	4172
Total (IN MUS)	**95.243**	**0.097**	**95.340**



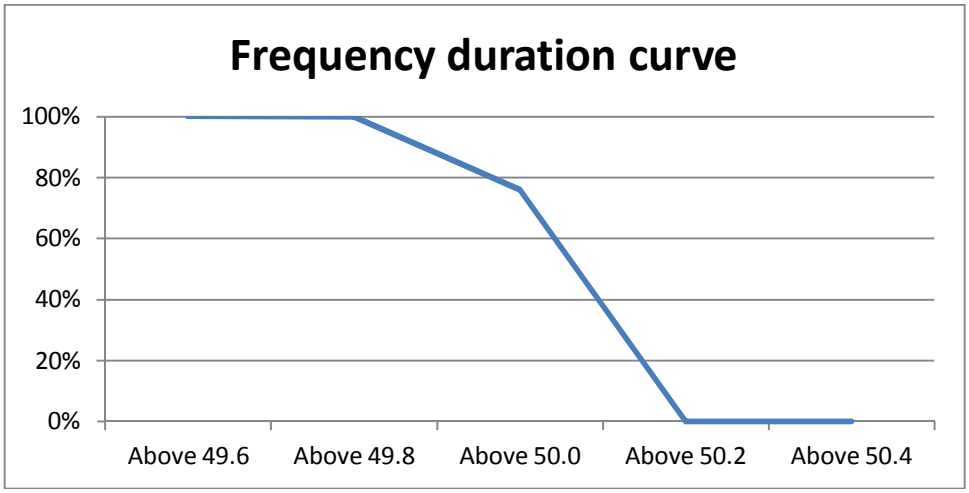
14 LOAD DURATION CURVE FOR OCTOBER 2015

Load in MW	Percentage of Time
Above 1700	100.00%
Above 2200	94.72%
Above 2700	83.41%
Above 3200	53.20%
Above 3700	28.60%
Above 4200	4.26%
Above 4700	0.00%



15 FREQUENCY ANALYSIS FOR THE MONTH OF OCTOBER 2015

Frequency Range in Hz.	Percentage of time
Above 49.6	100%
Above 49.8	99.90%
Above 50.0	75.94%
Above 50.2	0.17%
Above 50.1	0.00%



16 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING OCTOBER 2015

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.Oct.15	226.59	216.02	209.18	194.09
02.Oct.15	228.79	218.21	211.25	190.10
03.Oct.15	228.66	217.05	200.93	185.32
04.Oct.15	226.08	217.95	210.21	191.77
05.Oct.15	227.50	216.28	217.82	193.84
06.Oct.15	226.21	213.83	217.31	-
07.Oct.15	226.98	211.50	217.82	193.32
08.Oct.15	224.79	212.67	209.96	190.22
09.Oct.15	223.76	211.12	207.89	190.74
10.Oct.15	224.92	213.31	212.67	192.03
11.Oct.15	225.30	216.41	211.38	192.03
12.Oct.15	225.30	212.41	211.76	189.97
13.Oct.15	223.76	211.25	210.09	193.45
14.Oct.15	224.92	215.37	214.73	198.48
15.Oct.15	228.27	212.79	217.95	191.51
16.Oct.15	227.37	213.79	217.18	192.03
17.Oct.15	226.21	213.31	216.28	193.19
18.Oct.15	226.24	216.02	214.60	192.42
19.Oct.15	226.98	213.95	209.44	192.03
20.Oct.15	226.72	213.70	208.80	193.19
21.Oct.15	226.34	217.18	214.99	197.58
22.Oct.15	229.82	221.69	214.73	205.44
23.Oct.15	230.46	218.21	215.76	200.54
24.Oct.15	229.95	219.50	220.40	202.22
25.Oct.15	230.85	--	216.41	204.41
26.Oct.15	230.72	215.12	217.57	200.80
27.Oct.15	228.14	215.37	215.37	193.06
28.Oct.15	230.21	217.31	219.76	198.22
29.Oct.15	231.24	214.99	219.63	194.61
30.Oct.15	229.43	214.99	214.73	196.54
31.Oct.15	230.59	216.66	211.12	192.80

17 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING OCTOBER 2015

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Oct.15	415.74	04.03.03	394.64	13.51	405.25
02.Oct.15	417.15	03.57.37	397.92	18.40	410.01
03.Oct.15	419.03	03.59.21	393.47	11.37	405.37
04.Oct.15	414.81	17.45.17	399.57	18.42	407.79
05.Oct.15	415.74	04.00.29	394.88	12.25	404.39
06.Oct.15	413.63	03.27.23	391.12	11.39	402.71
07.Oct.15	414.34	03.28.06	392.30	18.37	401.85
08.Oct.15	412.23	04.00.30	391.36	14.49	402.16
09.Oct.15	411.99	04.02.35	388.01	11.41	401.53
10.Oct.15	414.57	04.01.49	395.11	18.41	405.10
11.Oct.15	415.98	03.28.53	399.57	18.38	408.17
12.Oct.15	415.04	21.53.39	393.47	18.30	404.52
13.Oct.15	411.29	04.00.50	392.06	14.45	403.04
14.Oct.15	413.63	03.22.04	396.28	11.17	405.59
15.Oct.15	420.43	04.01.59	393.94	18.22	406.30
16.Oct.15	415.98	02.59.04	394.64	18.27	404.96
17.Oct.15	414.57	04.01.38	393.23	18.20	403.96
18.Oct.15	415.51	08.17.22	399.57	18.22	408.63
19.Oct.15	415.74	01.53.15	393.70	12.08	404.46
20.Oct.15	414.57	03.58.59	393.94	18.39	404.54
21.Oct.15	414.57	02.56.43	397.92	18.27	406.82
22.Oct.15	417.15	17.02.20	404.25	18.40	412.04
23.Oct.15	420.20	03.03.01	398.16	18.25	409.07
24.Oct.15	419.26	02.59.39	400.27	18.12	409.83
25.Oct.15	419.50	02.57.00	400.02	18.28	412.64
26.Oct.15	421.84	04.02.00	396.75	18.41	409.44
27.Oct.15	418.56	02.30.00	696.28	18.11	409.19
28.Oct.15	423.01	23.56.00	401.68	11.22	412.68
29.Oct.15	424.19	01.15.00	398.16	18.10	411.51
30.Oct.15	420.90	02.27.00	396.75	18.22	410.33
31.Oct.15	422.08	02.58.00	398.63	18.11	411.37

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Oct.15	420.20	04.01.22	--	09.03	---
02.Oct.15	423.01	03.57.18	404.02	18.40	415.48
03.Oct.15	423.25	03.59.16	402.14	18.41	410.97
04.Oct.15	420.20	17.29.56	404.25	18.43	412.86
05.Oct.15	420.90	03.00.45	400.97	12.18	410.18
06.Oct.15	419.50	03.27.03	396.05	11.41	407.28
07.Oct.15	418.32	02.49.02	396.99	18.37	406.17
08.Oct.15	416.68	04.01.57	397.22	14.46	407.01
09.Oct.15	414.57	03.59.01	394.64	11.20	406.10
10.Oct.15	418.56	01.58.39	400.50	18.37	409.38
11.Oct.15	420.20	03.16.19	403.08	18.38	411.91
12.Oct.15	418.56	02.58.48	398.63	18.17	408.94
13.Oct.15	415.51	04.01.28	397.92	14.45	408.00
14.Oct.15	418.56	02.54.06	399.57	14.21	410.93
15.Oct.15	425.59	03.59.25	398.39	18.26	412.10
16.Oct.15	421.37	02.58.42	399.57	18.26	410.09
17.Oct.15	420.43	02.19.11	399.33	18.19	410.19
18.Oct.15	420.90	03.59.20	405.19	18.41	414.32
19.Oct.15	421.84	01.45.32	400.50	18.22	410.94
20.Oct.15	419.73	02.58.31	402.14	18.37	411.36
21.Oct.15	422.08	02.52.00	405.43	18.24	414.04
22.Oct.15	423.01	17.02.40	408.94	18.40	417.53
23.Oct.15	425.36	02.51.18	405.43	18.26	415.50
24.Oct.15	425.12	03.00.05	406.37	18.15	416.04
25.Oct.15	425.59	03.00.00	409.65	18.28	418.56
26.Oct.15	428.64	04.02.00	402.61	18.39	416.07
27.Oct.15	424.19	02.30.00	403.79	18.12	415.52
28.Oct.15	427.94	23.59.00	408.48	11.22	418.43
29.Oct.15	428.64	01.15.00	404.02	18.10	417.00
30.Oct.15	426.06	02.26.00	403.79	18.22	415.98
31.Oct.15	427.70	21.53.00	406.83	18.11	417.93

18 DETAILS OF LUMPED CAPACITORS AT NEAREST 220 KV SUBSTATION

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
1	**IP YARD**		30		**30**
1	Kamla Market			16.35	**16.35**
2	Minto Road				**0**
3	GB Pant Hosp			15.88	**15.88**
4	Delhi Gate			10.9	**10.9**
5	Tilakmarg			5.04	**5.04**
7	Cannaught Place			10.08	**10.08**
8	Kilokri		10.08	10.48	**20.56**
9	NDSE				**0**
11	Nizamuddin				**0**
12	Exhibition-I				**0**
13	Exhibition-II				**0**
14	Defence Colony				**0**
15	IG Stadium		10.08	5.45	**15.53**
16	Lajpat Nagar				**0**
17	IP Estate			10.9	**10.9**
	LT BYPL				**5.6**
		0	**50.16**	**85.08**	**140.84**
2	**Electric Lane**				
1	Electric Lane			5.04	**5.04**
2	Scindia House			5.04	**5.04**
3	Raisina Road			10.08	**10.08**
4	Raja Bazar			10.08	**10.08**
	LT NDMC				**12**
		0	**0**	**30.24**	**42.24**
3	**RPH Station**		20		**20**
1	Lahori Gate			10.49	**10.49**
2	Jama Masjid			10.48	**10.48**
4	Kamla Market				**0**
5	Minto Road			10.9	**10.9**
6	GB Pant Hosp				**0**
7	IG Stadium				**0**
	LT BYPL				**3**
		0	**20**	**31.87**	**54.87**
4	**Parkstreet S/stn**	20	20		**40**
1	Shastri Park		10.896	5.45	**16.346**
2	Faiz Road			18.05	**18.05**
3	Motia Khan			16.3	**16.3**
4	Prasad Nagar			16.25	**16.25**
5	Anand Parbat			10.8	**10.8**
6	Shankar Road			5.04	**5.04**
7	Rama Road			0	**0**
8	Baird Road			10.08	**10.08**
9	Hanuman Road			5.04	**5.04**
10	Pusa			5.44	**5.44**
11	Ridge Valley			0	**0**
12	B. D. Marg			0	**0**
13	Nirman Bhawan			5.04	**5.04**
	LT BYPL			0	**30.1**
		20.00	**30.90**	**97.49**	**178.486**
5	**Naraina S/stn**		20	5.04	**25.04**
1	DMS			10.85	**10.85**
2	Mayapuri		10.87	10.4	**21.27**
3	Inderpuri		10	4.8	**14.8**
4	Rewari line				**0**
5	Khyber Lane		10.05		**10.05**
6	Kirbi Place		10.05		**10.05**
7	Payal			7.2	**7.2**
8	Saraswati Garden			10.88	**10.88**
		0	**60.97**	**49.17**	**110.14**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
6	**Mehrauli S/stn**	80		5.04	**85.04**
1	Adchini			14.61	**14.61**
2	Andheria Bagh			10.85	**10.85**
3	IIT			10.9	**10.9**
4	JNU		10.03	10.03	**20.06**
5	Bijwasan			15.47	**15.47**
6	DC Saket			9.98	**9.98**
7	Malviya Nagar				**0**
8	C Dot			10.48	**10.48**
9	Vasant kunj B-Blk	21.79		10.9	**32.69**
10	Vasant kunj C-Blk	20.16		10.48	**30.64**
11	Palam				**0**
12	IGNOU			5.04	**5.04**
13	R. K. Puram-I			10.07	**10.07**
14	Vasant Vihar			19.25	**19.25**
15	Pusp Vihar			10.44	**10.44**
16	Bhikaji Cama Place		10.08	10.07	**20.15**
	LT BRPL				**25**
		121.95	**20.11**	**163.61**	**330.67**
7	**Vasantkunj S/stn**	40		5.04	**45.04**
1	R. K. Puram-II			10.08	**10.08**
2	Vasant kunj C-Blk				**0**
3	Vasant kunj D-Blk			9.63	**9.63**
4	Ridge Valley				**0**
	LT BRPL				**33.2**
		40	**0**	**24.75**	**97.95**
8	**Okhla S/stn**	60	10	5.04	**75.04**
1	Balaji			10.8	**10.8**
2	East of Kailash			15.89	**15.89**
3	Alaknanda			16.3	**16.3**
4	Malviya Nagar	21.79		10.85	**32.64**
5	Masjid Moth			16.3	**16.3**
6	Nehru Place			21.34	**21.34**
7	Okhla Ph-I	21.79		16.3	**38.09**
8	Okhla Ph-II		20.93	15.47	**36.4**
9	Shivalik			10.8	**10.8**
10	Batra			15.9	**15.9**
11	VSNL			10.9	**10.9**
12	Siri Fort			10.49	**10.49**
13	Tuglakabad			10.85	**10.85**
	LT BRPL				**59**
		103.58	**30.93**	**187.23**	**380.74**
9	**Lodhi Road S/stn**		20		**20**
1	Defence Colony		14.85		**14.85**
2	Hudco		10.9		**10.9**
3	Lajpat Nagar		10.9		**10.9**
4	Nizamuddin		10.44		**10.44**
5	Vidyut Bhawan				**0**
6	Ex. Gr. II				**0**
7	IHC				**0**
	LT BRPL				**42**
		0	**67.09**	**0**	**109.09**
10	**Sarita Vihar S/stn**	20		5.04	**25.04**
1	Sarita Vihar			10.07	**10.07**
2	MCIE			10.06	**10.06**
3	Mathura Road	20.16		11.69	**31.85**
4	Jamia Millia			10.89	**10.89**
5	Sarai Julena		10.08	16.29	**26.37**
6	Jasola			5.44	**5.44**
	LT BRPL				**23.6**
		40.16	**10.08**	**69.48**	**143.32**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
11	**Wazirabad**				
1	Bhagirathi		14.4	10.9	**25.3**
2	Ghonda	21.79	22.56	15.94	**60.29**
3	Seelam Pur		10.08	21.39	**31.47**
4	Dwarkapuri			15.46	**15.46**
5	Nandnagri	20.16		16.35	**36.51**
6	Yamuna Vihar			16.2	**16.2**
7	East of Loni Road			10.8	**10.8**
8	Shastri Park			10.9	**10.9**
9	Karawal Nagar			5.4	**5.4**
10	Sonia Vihar			7.2	**7.2**
	LT BYPL				**10**
		41.95	**47.04**	**130.54**	**229.53**
12	**Geeta Colony**				
1	Geeta Colony				**0**
2	Kanti Nagar			10.49	**10.49**
3	Kailash Nagar			10.9	**10.9**
4	Seelam Pur			15.48	**15.48**
5	Shakar Pur				**0**
	LT BYPL				**5.8**
		0	**0**	**36.87**	**42.67**
13	**Gazipur S/stn**	40		5.04	**45.04**
1	Dallupura	28.8		10.9	**39.7**
2	Vivek Vihar			9.57	**9.57**
3	GT Road			10.85	**10.85**
4	Kondli	20.16		10.85	**31.01**
5	MVR-I			10.9	**10.9**
6	MVR-II	20.16		10.9	**31.06**
7	PPG Ind. Area			10.06	**10.06**
	LT BYPL				**20.6**
		109.12	**0**	**79.07**	**208.79**
14	**Patparganj S/stn**	40	20	5.04	**65.04**
1	GH-I	19.89		10.45	**30.34**
2	GH-II	20.09		10.9	**30.99**
3	CBD		10.03	15.48	**25.51**
4	Guru Angad Nagar			15.49	**15.49**
5	Karkadooma		10.8	10.44	**21.24**
6	Preet Vihar			10.07	**10.07**
7	CBD-II			10.8	**10.8**
8	Shakarpur			10.8	**10.8**
9	Jhilmil			10.8	**10.8**
10	Dilshad Garden	20.16		16.35	**36.51**
11	Khichripur	21.79		10.49	**32.28**
12	Mother Dairy				**0**
13	Scope Building				**0**
14	Vivek Vihar				**0**
15	Akhardham			14.6	**14.6**
	LT BYPL				**23.3**
		121.93	**40.83**	**151.71**	**337.77**
15	**Najafgarh S/stn**	60		5.04	**65.04**
1	A4 Paschim Vihar			10.8	**10.8**
2	Nangloi	21.73		15.84	**37.57**
3	Nangloi W/W	20.89		10.85	**31.74**
4	Pankha Road			15.88	**15.88**
5	Jaffarpur			15.43	**15.43**
7	Inst. Area Janakpuri			17.6	**17.6**
8	Paschimpuri		10.05	15.47	**25.52**
9	Paschim Vihar	41.83		15.43	**57.26**
10	Mukherjee Park			20.83	**20.83**
11	Udyog Nagar			10.43	**10.43**
12	Choukhandi			10.07	**10.07**
	LT BRPL				**27**
		144.45	**10.05**	**163.67**	**345.17**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
16	**Pappankalan-I S/stn**	20		5.04	**25.04**
1	Bindapur Grid G-3 PPK	21.73		15.85	**37.58**
2	Bodella-I	20.1		16.24	**36.34**
3	Bodella-II	21.73		17.64	**39.37**
4	DC Janakpuri			10.03	**10.03**
5	G-2 PPK			10.8	**10.8**
6	G-5 PPK			15.51	**15.51**
7	G-6 PPK			5.4	**5.4**
8	G-15 PPK			10.8	**10.8**
9	Harinagar	21.18		16.25	**37.43**
10	Rewari line			5.44	**5.44**
	LT BRPL				**13.5**
		104.74	**0**	**129**	**247.24**
17	**BBMB Rohtak Road**				
1	S.B. Mill			10.07	**10.07**
2	Rama Road			10.88	**10.88**
3	Ram Pura			10.48	**10.48**
4	Rohtak Road			8.04	**8.04**
5	Vishal			10.4	**10.4**
6	Tri Nagar			5.44	**5.44**
7	Madipur			10.43	**10.43**
8	Sudershan Park			10.08	**10.08**
9	Kirti Nagar			5.44	**5.44**
		0	**0**	**81.26**	**81.26**
18	**Shalimarbagh S/stn**		40	6	**46**
1	S.G.T. Nagar			5.44	**5.44**
2	Wazirpur-1			17.18	**17.18**
3	Wazirpur-2			11.39	**11.39**
4	Ashok Vihar			5.44	**5.44**
5	Rani Bagh			10.88	**10.88**
6	Haiderpur			11.39	**11.39**
7	SMB FC			5.44	**5.44**
8	SMB KHOSLA			5.44	**5.44**
	LT TPDDL				**30**
		0	**40**	**78.6**	**148.6**
19	**Subzimandi S/stn**			6	**6**
1	Shakti Nagar			5.94	**5.94**
2	Gulabibagh			10.88	**10.88**
3	Shahzadabagh			13.68	**13.68**
4	DU			5.44	**5.44**
5	Tripolia			10.88	**10.88**
	B. G. Road			5.4	**5.4**
	LT BYPL				**0.9**
	LT TPDDL				**20**
		0	**0**	**58.22**	**79.12**
20	**Narela S/stn**	40		5.04	**45.04**
1	A-7 Narela			10.88	**10.88**
2	AIR Kham pur			6	**6**
3	Ashok vihar			10.48	**10.48**
4	Azad Pur			5.44	**5.44**
5	Tri Nagar			5.44	**5.44**
6	Badli	20		5.95	**25.95**
7	DSIDC Narela-1			5.95	**5.95**
8	GTK			5.44	**5.44**
9	Jahangirpuri	20	10	0	**30**
10	Bhalswa			3.6	**3.6**
	LT TPDDL				**10**
		80	**10**	**64.22**	**164.22**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
21	**Gopalpur S/stn**		30	5.04	**35.04**
1	Azad Pur			10.88	**10.88**
2	Hudson Lane			5.44	**5.44**
3	Wazirabad			2.4	**2.4**
4	Indra Vihar			5.44	**5.44**
6	GTK Road			5.94	**5.94**
7	Jahangirpuri		10	5.95	**15.95**
8	Civil lines			5.44	**5.44**
9	Pitam Pura-1			5.44	**5.44**
10	Pitam Pura-3			5.44	**5.44**
11	Air Khampur			5.95	**5.95**
12	SGT Nagar			5.95	**5.95**
13	Tiggipur			10.88	**10.88**
	LT TPDDL				**29**
		0	**40**	**80.19**	**149.19**
22	**Rohini S/stn**	40		6	**46**
1	Rohini Sec-22			10.88	**10.88**
2	Rohini Sec-23	20		5.44	**25.44**
3	Rohini Sec-24			5.44	**5.44**
4	Rohini-1			5.44	**5.44**
5	Rohini-3			5.95	**5.95**
6	Rohini-4			11.39	**11.39**
7	Rohini-5			11.39	**11.39**
8	Rohini-6			5.95	**5.95**
9	Mangolpuri-1			16.83	**16.83**
10	Mangolpuri-2	20		5.94	**25.94**
11	Pitam Pura-1	20		5.04	**25.04**
12	Pitam Pura-2			10.48	**10.48**
13	Rohini DC-1			14.4	**14.4**
	LT TPDDL				**30**
		100	**0**	**120.57**	**250.57**
23	**Kanjhawala S/stn**	20		5.04	**25.04**
1	Bawana Clear Water			10.88	**10.88**
2	Pooth Khoord			5.44	**5.44**
		20	**0**	**21.36**	**41.36**
24	**BAWANA S/stn**				
1	Bawana S/stn No. 6			10.88	**10.88**
2	Bawana S/stn No. 7				**0**
		0	**0**	**10.88**	**10.88**
25	**Kashmeregate S/stn**			5.04	**5.04**
1	Civil lines			5.44	**5.44**
2	Town Hall			8.64	**8.64**
3	Fountain			5.45	**5.45**
	LT BYPL				**2.7**
		0	**0**	**24.57**	**27.27**
26	**Pappankalan-II**				
1	DMRC-I				**0**
2	DMRC-II				**0**
27	**Trauma Center (AIIMS)**				
1	AIIMS		13.26	5.04	**18.3**
2	Trauma Center			10.08	**10.08**
3	Netaji Nagar			15.12	**15.12**
4	Sanjay Camp			10.08	**10.08**
5	Kidwai Nagar			5.04	**5.04**
6	SJ Airport			5.04	**5.04**
	Race Course			5.04	**5.04**
		0	**13.26**	**55.44**	**68.7**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
28	**MUNDKA**				
	Rohini-2			11.39	**11.39**
	LT BRPL				**18.5**
		0	**0**	**11.39**	**29.89**
29	**DSIDC BAWANA**				
	DSIDC NRL-1	20			**20**
	DSIDC NRL-2			10.88	**10.88**
		20	**0**	**10.88**	**30.88**
30	**RIDGE VALLEY**				
	Keventry Diary			10.08	**10.08**
	Nehru Park			5.04	**5.04**
	Bapu Dham			10.08	**10.08**
		0	**0**	**25.2**	**25.2**
31	**IP EXTN (PRAGATI)**				
	Vidyut Bhawan			10.08	**10.08**
	Dalhousie Road			5.04	**5.04**
	School Lane			5.04	**5.04**
	LT NDMC				**12.29**
		0	**0**	**20.16**	**32.45**
	TOTAL CAPACITY	**1067.9**	**491.4**	**2092.7**	**4139**

Utility	HT	LT	Total
BYPL	**864**	**102**	**966**
TPDDL	**657**	**119**	**776**
NDMC	**180**	**24**	**204**
DTL	**754**	**0**	**754**
BRPL	**1158**	**242**	**1400**
RPH	**20**	**0**	**20**
MES	**20**	**0**	**20**
TOTAL	**3652**	**487**	**4139**

20 DETAILS OF BREAK-DOWNS DURING THE MONTH OF OCTOBER 2015

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	2.10.15	09:32	PAPPANKALAN-I 220/66kV 100MVA Tx-I	2.10.15	11:32	I/C TIP ON 95C, TRIP CKT. FAULTY, GAS PRESSURE LOW BREAKER DID NOT TRIP.
2	4.10.15	05:42	GAZIPUR 220/66kV 160MVA Tx-I	5.10.15	17:50	TR. TRIPPED ON 86A, 87, 86
3	4.10.15	12:00	220kV PRAGATI - SARITA VIHAR CKT	4.10.15	12:16	AT PRAGATI CKT. TRIPPED ON DIST PROT. ZONE-I, DIST. 1.306KM AT SARITA VIHAR CKT. TRIPPED ON DIST PROT, ZONE-I, DIST 8.274KM
4	8.10.15	12:31	220kV MEHRAULI - VASANT KUNJ CKT.- II	9.10.15	03:10	AT VASANT KUNJ CKT. TRIPPED ON R PHASE ZONE-I, 186 AT MEHRAULI CKT. TRIPPED ON ZONE-2, R&B PHASE, 186AB, FLASH ON CB CLAMP OF R PHASE
5	9.10.15	14:18	220kV ROHINI-SHALIMARBAGH CKT-I	9.10.15	16:58	AT ROHINI CKT. TRIPPED ON DIST PROT, ZONE-I AT SHALIMARBAGH CKT. DUE TO BLAST REPORTED
6	10.10.15	12:04	220kV MEHRAULI - BTPS CKT. - I	10.10.15	17:50	AT MEHRAULI TRIP ON ZONE-II, 186-186, DIST 14.35KM AT BTPS CKT. TRIPPED ON E/F, ZONE-I, B PHASE DIST. 5.3KM
7	10.10.15	13:40	220kV MEHRAULI - BTPS CKT. - II	10.10.15	17:00	AT BTPS CKT. TRIPE ON E/F, R&Y PHASE, DIST 7.93KM AT MEHRAULI CKT. TRIP ON DIST PROT. ZONE-1, DIST 12.88KM
8	13.10.15	12:58	220kV PRAGATI - PARK STREET CKT-I	13.10.15	14:41	AT PRAGATI CKT. TRIPPED ON 93 AT PARK STREET NO TRIPPING
9	13.10.15	12:58	220kV PRAGATI - SARITA VIHAR CKT-II	13.10.15	13:30	AT PRAGATI CKT. TRIPPED ON 96T, 196 AT SARITA VIHAR NO TRIPPING
10	13.10.15	12:58	220kV PRAGATI - SARITA VIHAR CKT	13.10.15	13:25	AT PRAGATI CKT. TRIPPED ON 96T, 196 AT SARITA VIHAR NO TRIPPING
11	13.10.15	12:58	220kV PRAGATI - PARK STREET CKT-II	13.10.15	13:26	AT PRAGATI CKT. TRIPPED ON 96 AT PARK STREET NO TRIPPING
12	14.10.15	14:35	400kV Mundka-Jhatikara Ckt-II	14.10.15	14:57	AT MUNDKA CKT. TRIPPED ON 86AB AT JHAKTKRA NO TRIPPING
13	14.10.15	15:20	220KV MUNDKA-PEERAGARHI CKT-II	14.10.15	15:27	AT MUNDKA CKT. TRIPPED WITHOUT INDICATION AT PEERAGARHI NO TRIPPING
14	16.10.15	09:30	SARITA VIHAR 66/11kV, 20MVA Tx-I	16.10.15	09:55	TR. TRIPPED ON HV/LV , 64, 86
15	16.10.15	13:40	220kV BAMNAULI - DIAL CKT-I	16.10.15	13:55	AT DIAL CKT. TRIPPED ON ONE-1, AT BAMNAULI CKT. TRIPPED ON 186 A, B, ZONE-1
16	18.10.15	09:20	SUBZI MANDI 11kV HINDU RAO HOSPITAL	18.10.15	09:25	UFR OPERATED DUE TO VT FUSE FAILURE ON I/C-I
17	18.10.15	09:20	SUBZI MANDI 33kV B. G. ROAD CKT-I	18.10.15	09:25	UFR OPERATED DUE TO VT FUSE FAILURE ON I/C-I
18	18.10.15	09:20	SUBZI MANDI 33kV B. G. ROAD CKT-II	18.10.15	09:25	UFR OPERATED DUE TO VT FUSE FAILURE ON I/C-I
19	18.10.15	09:20	SUBZI MANDI 33kV SHAHZADA BAGH CKT-II	18.10.15	09:25	UFR OPERATED DUE TO VT FUSE FAILURE ON I/C-I
20	18.10.15	09:20	SUBZI MANDI 33kV TRIPOLIA CKT	18.10.15	09:25	UFR OPERATED DUE TO VT FUSE FAILURE ON I/C-I
21	18.10.15	09:20	SUBZI MANDI 11kV PARAG ICE FACTORY	18.10.15	09:25	UFR OPERATED DUE TO VT FUSE FAILURE ON I/C-I

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
22	18.10.15	09:20	SUBZI MANDI 11kV SUBZI MANDI	18.10.15	09:25	UFR OPERATED DUE TO VT FUSE FAILURE ON I/C-I
23	18.10.15	15:55	SARITA VIHAR 66/11kV, 20MVA Tx-I	18.10.15	16:15	TR. TRIPPED ON 36, AND 11KV I/C-I TRIPPED ON INTER TRIPPING
24	20.10.15	11:21	220kV DSIIDC BAWANA-NARELA CKT-II	20.10.15	11:33	AT NARELA CKT. TRIPPED ON O/C, 67CN, B PHASE , 186 AT DSIDC BAWANA NO TRIPPING
25	20.10.15	11:21	220kV BAWANA-DSIIDC BAWANA CKT-I	20.10.15	15:48	AT BAWANA CKT. TRIPPED ON DIST PROT, 21XR, , ZONE-I, DIST 1.22KMS. AT DSIDC BAWANA CKT. TRIPPED ON DIST PROT, ZONE-I, B PHASE , DIST 3.19KM
26	20.10.15	11:21	BAWANA 400/220kV 315MVA ICT-II	20.10.15	12:17	ICT TRIPPED ON 186 A&B, 86A 220KV I/C-II TRIPPED ON CB AUTO TRIP
27	20.10.15	11:21	BAWANA 400/220kV 315MVA ICT-III	20.10.15	11:34	220KV I/C-III TRIPPED ON O/C, E/F
28	20.10.15	12:12	BAWANA 220/66kV 100MVA Tx	20.10.15	12:21	TR. TRIPPED ON 996, BUS BAR PROT.
29	20.10.15	13:32	220kV MEHRAULI - BTPS CKT. -II	20.10.15	14:15	AT MEHRAULI CKT. TRIPPED ON ACTIVE GROUP -I, START PHASE AN, TRIP PHASE ABC, DIST PROT, ZONE-I DIST 7.743KM AT BTPS CKT. TRIPPED ON DIST PROT, ZONE-I, R PHASE
30	20.10.15	15:10	PATPARGANJ 220/33kV 100MVA Tx-III	20.10.15	15:25	I/C TRIPPED ON 67AX, ALONGWITH 33KV BUS COUPLER TRIPPED ON 67AN AND 67NX
31	21.10.15	11:29	400kV Bawana-Mundka Ckt-II	21.10.15	12:02	AT BAWANA CKT. TRIPED ON DIRECT TRIP, 186 A&B
32	21.10.15	17:58	GOPALPUR 220/33kV 100MVA Tx-II	21.10.15	18:44	TR. TRIPPED ON O/C, R-B PHASE
33	21.10.15	17:58	GOPALPUR 33kV INDRA VIHAR CKT-I	21.10.15	19:31	CKT. TRIPPED ON Y PHASE, DIST PROT, DIST 0.4KM, LA BRUST
34	22.10.15	20:15	220kV ROHINI-SHALIMARBAGH CKT-II	22.10.15	20:29	AT SHALIMARBAGH CKT. TRIPPED ON DIST PROT. ZONE-IJ, 186 AT ROHINI NO TRIPPING
35	23.10.15	13:04	220kV KANJHAWALA-NAJAFGARH CKT	23.10.15	13:45	AT KHANJAWALA CKT. TRIPPED ON RYB PHASE, ZONE-I AT NAJAFGARH NO TRIPPING
36	23.10.15	13:04	220kV MUNDKA-KANJHAWALA CKT-I	23.10.15	13:45	AT KHANJAWALA CKT. TRIPPED ON ZONE-I, RB PHASE AT MUNDKA NO TRIPPING
37	24.10.15	23:08	220kV WAZIRABAD-GEETA COLONY CKT-II	24.10.15	23:39	AT WAZIRABAD CKT. TRIPPED ON DIST PROT, ZONE-I AT GEETA COLONY NO TRIPPING
38	24.10.15	23:08	220kV GEETA COLONY-PATPARGANJ CKT -II	25.10.15	16:20	AT GEETA COLONY CKT. TRIPED ON TRIP ABC, O/C, E/F, DIST TRIP A AT PATPARGANJ CKT. TRIPPED ON DIST PROT, ZONE-I, 186, 186, ACTIVE TRIP, ABC
39	24.10.15	23:42	INDRAPRASTHA POWER 220/33kV 100MVA Tx-III	25.10.15	00:45	I/C-III TRIPPED ON 86
40	24.10.15	23:42	INDRAPRASTHA POWER 33kV IG STADIUM CKT-II (BAY-33)	24.10.15	23:55	CKT. TRIPPED DUE TO TRIPPING OF 33KV I/C-III
41	24.10.15	23:42	INDRAPRASTHA POWER 33kV IG STADIUM CKT-I (BAY-29)	24.10.15	23:55	CKT. TRIPPED DUE TO TRIPPING OF 33KV I/C-III

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
42	25.10.15	07:50	DSIIDC Bawana 220/66kV 100MVA Tx-II	25.10.15	12:38	S/D ALONG WITH 220KV BUS-1 FOR ALIGNMENT OF BUS ISOLATOR.
43	25.10.15	11:52	220kV BAMNAULI-NAJAFGARH CKT-II	25.10.15	12:25	AT BAMNAULI CKT. TRIPPED ON 186, C PHASE, ZONE-1, AT NAJAFGARH NO TRIPPING
44	25.10.15	12:17	220kV BAWANA-DSIIDC BAWANA CKT-I	25.10.15	15:48	AT BAWANA CKT. TRIPPED ON DIST PROT, ZONE-I, DIST 0.74KM, R PHASAE AT DSIDC BAWANA CKT. TRIPPED ON DIST PROT, 86, 86, DIST 4.338KM
45	25.10.15	12:17	BAWANA 400/220kV 315MVA ICT-II	25.10.15	14:20	ICT TRIPPED ON 186 A&B
46	25.10.15	12:57	220kV NARELA - MANDOLA CKT-I	25.10.15	15:04	AT MANDOLA CKT. TRIPPED ON R PHASE, E/F AT NARELA CVT AVAILABLE BUT BREAKER PROBLEM AT NARELA END.
47	26.10.15	02:50	400kV Ballabhgarh-Bamnauli Ckt-II	26.10.15	06:33	AT BAMNAULI CKT. TRIPPED ON DIST PROT, 186A&B, NOT TRIPPING AT BALLABGARH
48	26.10.15	10:58	220kV MEHRAULI - BTPS CKT. - II	26.10.15	13:04	AT MEHRAULI CKT. TRIPPED ON 3 PHASE, DIST PROT, DIST 12.7KM, ZONE-I, 186 AT BTPS ZONE-I, DIST4.2KM
49	26.10.15	16:04	220KV SHALIMARBAGH-WAZIRPUR CKT-I	26.10.15	16:55	AT WAZIRPUR CKT. TRIPPED ON LOW GAS PRESSURE AT SHALIMARBAGH SUPPLY FAIL
50	26.10.15	16:04	WAZIRPUR 220/33kV 100MVA Tx-I	26.10.15	16:55	TR. TRIPPED 86 A&B
51	28.10.15	21:55	400kV Ballabhgarh-Bamnauli Ckt-II	28.10.15	22:08	AT BAMNAULI CKT. TRIPPED ON 3 PHASE, OVER VOLTAGE, 186 A&B
52	28.10.15	23:26	400kV Ballabhgarh-Bamnauli Ckt-II	29.10.15	07:21	AT BAMNAULI CKT. TRIPPED ON 3 PHASE, O/V, 186A&B
53	29.10.15	00:22	HARSH VIHAR 400/220kV 315MVA ICT-III	29.10.15	05:39	ICT TRIPPED ON BUCHLOZ, 86
54	29.10.15	01:32	SUBZI MANDI 33/11kV, 16MVA Tx-I	29.10.15	05:58	TR. TRIPPED ON BUCHLOZ

20 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF OCTOBER 2015

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
08.10.15	1	14.00	14.17	220kV Gopalpur	GOPALPUR , AZAPUR, MODEL TOWN	DF/DT	15
	2	14.00	17.07	220kV Gopalpur	JAHANGIRPURI, PITAMPURA-III, S.G.T. NAGAR, TIGIPUR	DF/DT	55