DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

JUNE 2015

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1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	JUNE 2014	JUNE 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)**	**5736**	**5846**
	Date	20.06.2014	19.06.15
	Time	15.30.00	15.39.51
3	**Peak Demand met (MW)**	**5533**	**5846**
	Date	19.06.2014	19.06.15
	Time	14.46.07	15.39.51
4	Peak Availability (MW)	5573	5648
5	Shortage (-) / Surplus (+) in MW	(+) 40	(-) 198
6	Percentage Shortage (-) / Surplus (+)	(-) 0.72	(-) 3.39
7	Maximum Energy Consume in a day (Mus)	116.735	119.098
8	Energy Consumed during the month	**3198.737**	**3092.565**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.006	0.001
ii)	Manual Load shedding from DTL S/Stns.	0.000	0.119
iii)	Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation		
	TPDDL	0.200	0.475
	BRPL	3.019	0.804
	BYPL	0.424	0.069
	NDMC	0.000	0.022
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	1.202	0.000
	Total due to Grid Restriction	**4.851**	**1.490**
B)	Due to Constraints in System in Mus		
	DTL	18.617	1.465
	TPDDL	0.505	0.272
	BRPL	3.922	1.455
	BYPL	1.523	0.395
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	8.577	0.001
	Total	**33.144**	**3.588**
11	**Grand Total in Mus**	**37.995**	**5.078**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING JUNE 2015

A) For the month of June 2015

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	**RPH**	0.000	0.575	-0.575	80.15	70.135
2.	**GT**	45.525	2.048	43.477	59.47	59.920
3.	**PPCL**	175.958	4.493	171.465	94.70	47.597
4.	**BTPS**	258.294	9.910	248.384	51.23	201.605
5.	**Rithala**	0.000	0.060	-0.060	**89.17**	59.040
6.	**Bawana**	181.519	7.456	174.063	54.37	311.318
7.	**Towmcl**	13.220	1.904	11.316	--	--
	TOTAL	**674.516**	**26.446**	**648.5875**	**--**	**749.615**

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

Power Station	Effective Capacity (MW)	Net Generation in MUs for May. 2015	Availability (%) for June 2015	PLF (%) for June 2015	Cumulative Generation in MUs upto June 2015 for the year 2015-16	Cumulative Availability in % upto June 2015 for the year 2015-16	Cumulative PLF in % upto June 2015 for the year 2015-16
RPH	135	-0.575	80.15	-1.18	39.171	63.81	14.15
GT	270	43.477	59.47	22.87	176.892	66.56	30.64
PPCL	330	171.465	94.70	74.05	508.319	95.87	72.37
BTPS	705	248.384	51.23	94.08	623.398	70.25	58.41
Rithala	108	-0.060	**89.17**	--	-0.182	**87.33**	**--**
Bawana	1372	174.063	54.37	18.16	586.379	56.33	20.28
Towmcl	16	11.316	--	--	34.639	--	--
TOTAL	2936	**648.5875**	**--**	**--**	**1968.616**	**--**	--

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	11.05.15	24.00	Tripped on boiler tube leakage
		12.05.15	00.00	21.05.15	11.00	Stopped due to low demand and high frequency
		21.05.15	11.00	31.05.15	08.00	Stopped due to coal shortage
		31.05.15	08.00	31.05.15	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
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	31.05.15	08.00	Stopped due to shortage of coal
		31.05.15	08.00	31.05.15	23.59	Stopped due to low demand and high frequency

(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	
		12.06.15	22.48	24.06.15	12.30	
		24.06.15	12.31	30.06.15	11.50	Machine not available due to problem in diesel engine.
		30.06.15	12.10	30.06.15	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	01.02.14	17.00	30.06.15	23.59	Machine stopped due to high viberation

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	30.06.15	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
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 due to grid disturbance after that stopped due to low demand and high frequency
		16.06.15	00.00	30.06.15	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
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 grid disturbance
		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	

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

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	22.39	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 vaccum
		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 not available due to problem in G.T. -1
		30.06.15	13.00	30.06.15	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 due to grid disturbance and further Stopped due to low demand and high frequency
		14.06.15	00.00	30.06.15	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 21G operated
		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 pr. Tr.
		25.06.15	07.30	26.06.15	14.58	Stopped due to low demand and high frequency

(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
		03.06.15	15.25	05.06.15	11.08	Machine stopped to attend hot spot.
		13.06.15	14.40	13.06.15	15.46	Machine tripped due to grid disturbance

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	
		13.06.15	15.12	13.06.15	15.46	Machine stopped due to grid disturbance
		13.06.15	15.46	16.06.15	10.47	Stopped due to low demand and high frequency
		21.06.15	09.34	22.06.15	10.29	
		25.06.15	06.45	26.06.15	14.05	

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
		11.06.15	13.21	11.06.15	14.20	Unit tripped due to internal fault
		13.06.15	15.12	13.06.15	16.47	Unit tripped due to grid disturbance

(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	30.06.15	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	30.06.15	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 & Excitation system problem
		25.06.15	08.16	30.06.15	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

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

(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	30.06.15	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	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	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	30.06.15	23.59	Tripped due to G.T. -3 generator transformer engulfed in fire with huge blast

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	30.06.15	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 bushing change
		14.06.15	22.00	1606.15	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

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	30.06.15	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	30.06.15	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	30.06.15	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	30.06.15	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

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	474	412	0	0	412
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**	**1865**	**1633**	**0**	**0**	**1633**
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**	**2731**	**2448**	**0**	**0**	**2448**
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	2640	0	297	255	0	0	255
Grand Total	**27727**	**2257**	**3288**	**2921**	**0**	**0**	**2921**

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 JUNE 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	Towmcl	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	00.01.01	-2	38	263	0	271	15	221	806	4032	3705	327	4838	53	4891
2	15.28.32	-1	36	266	0	275	16	240	832	3925	3869	56	4757	0	4757
3	00:00:00	0	39	265	0	273	15	226	818	3370	3461	-91	4188	0	4188
4	15.41.56	0	36	140	0	299	16	232	723	3827	3809	18	4550	0	4550
5	15.33.00	0	36	266	0	271	16	228	817	3957	4024	-67	4774	1	4775
6	23.27.56	0	37	265	0	289	16	143	750	3991	3963	28	4741	0	4741
7	23.38.32	0	38	264	0	273	15	235	825	4239	4119	120	5064	11	5075
8	23.30.42	0	70	266	0	275	16	268	895	4472	4393	79	5367	10	5377
9	23.39.49	0	69	263	0	271	16	388	1007	4411	4485	-74	5418	5	5423
10	15.03.45	-1	66	261	0	271	16	460	1073	4671	4459	212	5744	9	5753
11	15.39.39	-1	67	263	0	292	16	418	1055	4598	4601	-3	5653	0	5653
12	15.46.57	-1	94	266	0	286	16	429	1090	4563	4513	50	5653	28	5681
13	00.02.29	-1	131	267	0	292	17	395	1101	4256	4427	-171	5357	35	5392
14	00.03.35	-1	84	149	0	158	18	338	746	3718	3467	251	4464	0	4464
15	23.38.18	-1	78	143	0	-4	16	344	576	4081	4063	18	4657	0	4657
16	23.46.02	-1	77	264	0	260	16	381	997	3892	4006	-114	4889	0	4889
17	23.48.05	-1	76	261	0	269	13	380	998	4163	4060	103	5161	0	5161
18	23.24.08	-1	77	261	0	270	11	385	1003	4444	4373	71	5447	10	5457
19	15.39.51	-1	77	261	0	274	16	383	1010	4836	4638	198	5846	0	5846
20	00.00.25	-1	77	264	0	284	16	371	1011	4630	4697	-67	5641	7	5648
21	00.01.21	-1	75	267	0	271	16	395	1023	4132	4244	-112	5155	0	5155
22	23.06.39	-1	64	265	0	186	16	460	990	4186	4129	57	5176	0	5176
23	15.01.36	-1	67	263	0	270	16	434	1049	4412	4339	73	5461	3	5464
24	15.27.25	-1	66	261	0	271	16	440	1053	4162	4069	93	5215	0	5215
25	15.39.37	-1	48	145	0	274	16	326	808	3508	3337	171	4316	0	4316
26	15.40.07	-1	67	273	0	271	14	328	952	3943	3989	-46	4895	0	4895
27	15.37.50	-1	67	263	0	267	14	321	931	3968	3940	28	4899	4	4903
28	23.59.38	-1	70	262	0	268	13	382	994	4359	3890	469	5354	10	5364
29	00.00.02	-1	70	264	0	268	14	382	997	4239	3994	245	5236	0	5236
30	22.58.55	-1	75	266	0	271	15	321	947	4109	3988	121	5056	0	5056

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING JUNE 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	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	00.01.01	-2	38	263	0	271	15	221	806	4032	3705	327	4838	53	4891
2	15.28.32	-1	36	266	0	275	16	240	832	3925	3869	56	4757	0	4757
3	00:00:00	0	39	265	0	273	15	226	818	3370	3461	-91	4188	0	4188
4	15.41.56	0	36	140	0	299	16	232	723	3827	3809	18	4550	0	4550
5	15.33.00	0	36	266	0	271	16	228	817	3957	4024	-67	4774	1	4775
6	23.27.56	0	37	265	0	289	16	143	750	3991	3963	28	4741	0	4741
7	23.38.32	0	38	264	0	273	15	235	825	4239	4119	120	5064	11	5075
8	23.30.42	0	70	266	0	275	16	268	895	4472	4393	79	5367	10	5377
9	23.39.49	0	69	263	0	271	16	388	1007	4411	4485	-74	5418	5	5423
10	15.03.45	-1	66	261	0	271	16	460	1073	4671	4459	212	5744	9	5753
11	15.39.39	-1	67	263	0	292	16	418	1055	4598	4601	-3	5653	0	5653
12	15.46.57	-1	94	266	0	286	16	429	1090	4563	4513	50	5653	28	5681
13	00.02.29	-1	131	267	0	292	17	395	1101	4256	4427	-171	5357	35	5392
14	00.03.35	-1	84	149	0	158	18	338	746	3718	3467	251	4464	0	4464
15	23.38.18	-1	78	143	0	-4	16	344	576	4081	4063	18	4657	0	4657
16	23.46.02	-1	77	264	0	260	16	381	997	3892	4006	-114	4889	0	4889
17	23.48.05	-1	76	261	0	269	13	380	998	4163	4060	103	5161	0	5161
18	23.24.08	-1	77	261	0	270	11	385	1003	4444	4373	71	5447	10	5457
19	15.39.51	-1	77	261	0	274	16	383	1010	4836	4638	198	5846	0	5846
20	00.00.25	-1	77	264	0	284	16	371	1011	4630	4697	-67	5641	7	5648
21	00.01.21	-1	75	267	0	271	16	395	1023	4132	4244	-112	5155	0	5155
22	23.06.39	-1	64	265	0	186	16	460	990	4186	4129	57	5176	0	5176
23	15.01.36	-1	67	263	0	270	16	434	1049	4412	4339	73	5461	3	5464
24	15.27.25	-1	66	261	0	271	16	440	1053	4162	4069	93	5215	0	5215
25	15.39.37	-1	48	145	0	274	16	326	808	3508	3337	171	4316	0	4316
26	15.40.07	-1	67	273	0	271	14	328	952	3943	3989	-46	4895	0	4895
27	15.37.50	-1	67	263	0	267	14	321	931	3968	3940	28	4899	4	4903
28	23.59.38	-1	70	262	0	268	13	382	994	4359	3890	469	5354	10	5364
29	00.00.02	-1	70	264	0	268	14	382	997	4239	3994	245	5236	0	5236
30	22.58.55	-1	75	266	0	271	15	321	947	4109	3988	121	5056	0	5056

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

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

A (i) RPH	0.000
(ii) GT+STG	45.525
(iii) PRAGATI	175.958
(iv) RITHALA	0.000
(v) BAWANA CCGT	181.519
(vi) Timarpur ï Okhla	13.220
TOTAL	416.222
B) AVAILABILITY FROM BTPS	228.389
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	16.536
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**628.075**

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	9.225	8.966	4.710	4.577
SALAL	52.408	50.938	26.151	25.413
SASAN	262.592	255.225	253.803	246.679
TANKAPUR	5.944	5.776	3.095	3.007
CHAMERA	28.721	27.914	14.473	14.064
CHAMERA -II	27.411	26.640	13.889	13.497
CHAMERA -III	20.200	19.632	10.211	9.922
DHAULIGANGA	19.351	18.805	10.276	9.985
SEWA -2	8.899	8.649	4.578	4.449
URI	37.401	36.351	18.678	18.151
URI-II	5.506	5.349	5.892	5.724
KOTESHWAR	12.178	11.836	12.178	11.836
PARBATI3	11.801	11.468	11.801	11.468
RAMPUR	0.000	0.000	0.000	0.000
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	18.014	17.508	14.875	14.456
ANTA (RLNG)	10.544	10.248	0.210	0.204
ANTA (LIQUID)	0.483	0.469	0.000	0.000
DADRI (GAS)	27.872	27.091	19.007	18.471
DADRI (RLNG)	35.059	34.074	0.728	0.707
DADRI (LIQUID)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	21.336	20.736	12.010	11.671
AURAIYA (RLNG)	28.504	27.704	0.214	0.208
AURAIYA (LIQUID)	0.000	0.000	0.000	0.000
SINGRAULI	95.723	93.037	82.041	79.735
RIHAND -I	35.490	34.492	25.896	25.166
RIHAND -II	85.825	83.416	67.583	65.682
RIHAND -III	86.539	84.113	68.557	66.631
UNCHAHAR-I	16.547	16.083	11.324	11.005
UNCHAHAR-II	32.165	31.262	21.229	20.631
UNCHAHAR-III	19.900	19.341	13.937	13.545
DADRI (TH)	398.305	387.123	262.844	255.462
DADRI (TH) STAGE-II	527.558	512.752	410.060	398.536
NAPP	29.238	28.417	29.238	28.417
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	36.756	35.724	36.744	35.712
NATHPA JHAKRI	104.358	101.425	32.017	31.117
DULASTI	34.718	33.744	34.718	33.744
TEHRI	24.683	23.990	23.661	22.997
JHAJJAR	0.000	0.000	0.000	0.000
KHELGAON	25.869	25.143	19.299	18.756
KHELGAON-II	106.586	103.595	84.312	81.939
FARAKA	12.304	11.960	10.011	9.731

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
TALA	15.254	14.825	15.282	14.852
TALCHER	0.000	0.000	0.000	0.000
DVC	228.953	226.765	226.765	220.410
UTTAR PRADESH	0.000	0.000	0.000	0.000
TRIPUA	0.000	0.000	0.000	0.000
MEGHALAYA	31.442	30.956	30.956	30.092
ASSAM	3.887	3.815	3.815	3.709
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	183.379	181.626	181.626	176.531
DVC MEJIA (LT-08)(BYPL)	70.750	70.075	70.075	68.107
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	145.314	143.652	143.652	139.644
HIMACHAL PRADESH	126.284	124.837	124.837	121.350
PUNJAB	0.000	0.000	0.000	0.000
MADHYA PRADESH	28.149	27.683	27.683	26.908
HARYANA	0.000	0.000	0.000	0.000
DVC LT-9	0.000	0.000	0.000	0.000
HARYANA (LT-05)	30.909	30.548	30.548	29.683
WEST BENGAL	0.000	0.000	0.000	0.000
ORISSA	0.000	0.000	0.000	0.000
RAJASTHAN(SOLAR) BRPL-LT36	2.818	2.785	2.785	2.706
RAJASTHAN(SOLAR) BYPL - LT-35	2.818	2.785	2.785	2.706
RAJASTHAN(SOLAR) TPDDL LT-31	3.101	3.065	3.065	2.979
TO HARYANA	0.000	0.000	0.000	0.000
TO MEGHALAYA	-0.093	-0.095	-0.095	-0.098
TO UTTAR PRADESH	-2.137	-2.174	-2.174	-2.234
TO JAMMU & KASHMIR	-0.509	-0.516	-0.516	-0.531
TO KERALA	0.000	0.000	0.000	0.000
TO ASSAM	0.000	0.000	0.000	0.000
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO JHARKHAND	0.000	0.000	0.000	0.000
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	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	95.393	92.698	95.393	92.698
TO POWER EXCHANGE (IEX)	-43.228	-44.475	-43.228	-44.475
POWRER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (PX)	-6.817	-7.013	-6.817	-7.013
TO SHARE PROJECT (HARYANA)	-15.272	-15.713	-15.272	-15.713
TO SHARE PROJECT (PUNJAB)	-15.571	-16.020	-15.571	-16.020
TOTAL	**3200.834**	**3121.808**	**2545.845**	**2469.588**

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	1439.861	1399.451	1010.517	982.111
NTPC - ER	144.760	140.698	113.623	110.425
NHPC	261.583	254.232	158.471	154.001
NPC	65.994	64.141	65.982	64.130
SASAN	262.592	255.225	253.803	246.679
KOTESHWAR	12.178	11.836	12.178	11.836
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	104.358	101.425	32.017	31.117
TEHRI	24.683	23.990	23.661	22.997
TALA	15.254	14.825	15.282	14.852
JHAJJAR	0.000	0.000	0.000	0.000
TALCHER	0.000	0.000	0.000	0.000
RAJASTHAN SOLAR(BRPL)T-36	2.818	2.785	2.785	2.706
RAJASTHAN SOLAR(BYPL)T-35	2.818	2.785	2.785	2.706
RAJASTHAN SOLAR(TPDDL)T-31	3.101	3.065	3.065	2.979

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
DVC	228.953	226.765	226.765	220.410
UTTAR PRADESH	0.000	0.000	0.000	0.000
TRIPURA	0.000	0.000	0.000	0.000
MEGHALAYA	31.442	30.956	30.956	30.092
ASSAM	3.887	3.815	3.815	3.709
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	183.379	181.626	181.626	176.531
DVC MEJIA (LT-08)(BYPL)	70.750	70.075	70.075	68.107
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	145.314	143.652	143.652	139.644
HIMACHAL PRADESH	126.284	124.837	124.837	121.350
PUNJAB	0.000	0.000	0.000	0.000
MADHYA PRADESH	28.149	27.683	27.683	26.908
HARYANA	0.000	0.000	0.000	0.000
DVC (FOR NDPL) LT-09	0.000	0.000	0.000	0.000
HARYANA (LT -05)	30.909	30.548	30.548	29.683
WEST BENGAL	0.000	0.000	0.000	0.000
ORISSA	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	95.393	92.698	95.393	92.698
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**3284.460**	**3207.115**	**2629.518**	**2555.672**

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 HARYANA	0.000	0.000	0.000	0.000
TO MEGHALAYA	-0.093	-0.095	-0.095	-0.098
TO UTTAR PRADESH	-2.137	-2.174	-2.174	-2.234
TO JAMMU & KASHMIR	-0.509	-0.516	-0.516	-0.531
TO ASSAM	0.000	0.000	0.000	0.000
TO KERALA	0.000	0.000	0.000	0.000
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO JHARKHAND	0.000	0.000	0.000	0.000
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	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-43.228	-44.475	-43.228	-44.475
TO POWER EXCHANGE (PX)	-6.817	-7.013	-6.817	-7.013
TO SHARE PROJECT (HARYANA)	-15.272	-15.713	-15.272	-15.713
TO SHARE PROJECT (PUNJAB)	-15.571	-16.020	-15.571	-16.020
TOTAL	**-83.627**	**-86.000**	**-83.673**	**-86.084**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**3200.834**	**3121.108**	**2545.845**	**2469.588**

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS		3109.101
NET CONSUMPTION		**3092.565**
AVAILABILITY WITHIN DELHI		628.075
ACTUAL DRAWAL FROM THE GRID		2464.490
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY		-5.098
LOAD SHEDDING		5.078
UNRESTRICTED DEMAND (GROSS)		3114.179
UNRESTRICTED DEMAND (NET)		3097.643
MAX. NET CONSUMPTION		119.098 ON 19.06.2015
MAX. LOAD SHEDDING		315MW ON 13.06.2015 AT 14.40HRS.
PEAK LOAD	Peak Demand during the month	SHEDDING AT PEAK TIME
DAY PEAK	5846MW AT 15.39.51HRS ON 19.06.2015	0 MW
EVENING PEAK	5692MW AT 23.30HRS ON 19.06.2015	13 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH	0.00%
	GT	23.42%
	PRAGATI	74.06%
	RITHALA	0.00%
	BAWANA	18.39%
	Timarpur Okhla	114.76%

9 SHEDDING DETAILS DURING THE MONTH OF JUNE 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.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.010	0.000	0.000
02.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.021	0.000	0.000
03.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
04.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.032	0.000	0.000
05.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.009	0.000	0.000
06.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.005	0.000	0.000
07.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.012	0.000	0.000
08.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.067	0.000	0.000	0.000
09.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
10.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.009	0.000	0.000
11.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.029	0.000	0.000
12.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.017	0.000	0.000	0.000
13.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
14.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
15.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.039	0.022	0.000	0.000
16.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
17.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.009	0.000	0.000	0.000
18.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.022	0.000
19.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.227	0.089	0.000	0.000
20.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
21.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
22.Jun.15	2	0.000	0.000	0.001	0.000	**0.001**	0.000	0.158	0.030	0.000	0.000
23.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
24.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.016	0.000	0.000
25.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
26.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.064	0.015	0.000	0.000
27.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
28.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.089	0.036	0.000	0.000
29.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
30.Jun.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
TOTAL	**2**	**0.000**	**0.000**	**0.001**	**0.000**	**0.001**	**0.000**	**0.670**	**0.335**	**0.022**	**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.Jun.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**
02.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.018	0.098	0.016	0.000	**0.153**	**0.153**
03.Jun.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**
04.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	**0.062**	**0.062**
05.Jun.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**
06.Jun.15	0.030	0.046	0.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.124**	**0.124**
07.Jun.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**
08.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.028	0.000	0.000	**0.095**	**0.095**
09.Jun.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.Jun.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**
11..Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.029**	**0.029**
12.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.017**	**0.017**
13.Jun.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**
14.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	**0.004**	**0.004**
15.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.025	0.000	**0.092**	**0.092**
16.Jun.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.Jun.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**
18.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.028	0.008	0.000	0.000	**0.058**	**0.058**
19.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.065	0.000	**0.398**	**0.398**
20.Jun.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**
21.Jun.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**
22.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.188**	**0.189**
23.Jun.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.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.016**	**0.016**
25.Jun.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**
26.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.079**	**0.079**
27.Jun.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**
28.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.125**	**0.125**
29.Jun.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.Jun.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**
TOTAL	**0.030**	**0.046**	**0.043**	**0.000**	**0.000**	**0.000**	**0.000**	**0.069**	**0.134**	**0.140**	**0.000**	**1.489**	**1.490**

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.Jun.15	0.003	0.022	0.015	0.000	0.000	0.005	0.104	0.005	0.000
02.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.036	0.003	0.000
03.Jun.15	0.002	0.006	0.000	0.000	0.000	0.009	0.013	0.001	0.000
04.Jun.15	0.005	0.000	0.063	0.000	0.000	0.002	0.000	0.000	0.000
05.Jun.15	0.002	0.000	0.000	0.000	0.000	0.006	0.000	0.009	0.000
06.Jun.15	0.010	0.000	0.000	0.000	0.000	0.000	0.031	0.014	0.000
07.Jun.15	0.000	0.000	0.000	0.000	0.000	0.008	0.014	0.006	0.000
08.Jun.15	0.020	0.014	0.011	0.000	0.000	0.021	0.086	0.003	0.000
09.Jun.15	0.000	0.037	0.002	0.000	0.000	0.038	0.025	0.003	0.000
10.Jun.15	0.000	0.000	0.001	0.000	0.000	0.024	0.133	0.062	0.000
11.Jun.15	0.000	0.000	0.000	0.000	0.000	0.010	0.042	0.001	0.000
12.Jun.15	0.000	0.000	0.056	0.000	0.000	0.013	0.203	0.000	0.000
13.Jun.15	0.155	0.000	0.107	0.000	0.000	0.062	0.124	0.073	0.000
14.Jun.15	0.000	0.000	0.000	0.000	0.000	0.038	0.007	0.004	0.000
15.Jun.15	0.035	0.000	0.000	0.000	0.000	0.007	0.000	0.002	0.000
16.Jun.15	0.000	0.050	0.001	0.000	0.000	0.040	0.044	0.012	0.000
17.Jun.15	0.002	0.000	0.021	0.000	0.000	0.000	0.009	0.002	0.000
18.Jun.15	0.007	0.221	0.000	0.000	0.000	0.006	0.055	0.010	0.000
19.Jun.15	0.000	0.143	0.000	0.000	0.000	0.001	0.050	0.006	0.000
20.Jun.15	0.000	0.000	0.000	0.000	0.000	0.027	0.036	0.005	0.000
21.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.043	0.001	0.000
22.Jun.15	0.040	0.029	0.000	0.000	0.000	0.012	0.000	0.001	0.000
23.Jun.15	0.045	0.000	0.000	0.000	0.000	0.021	0.001	0.000	0.000
24.Jun.15	0.000	0.158	0.000	0.000	0.000	0.006	0.003	0.001	0.000
25.Jun.15	0.024	0.000	0.001	0.000	0.000	0.005	0.008	0.034	0.000
26.Jun.15	0.004	0.000	0.000	0.000	0.000	0.014	0.037	0.000	0.000
27.Jun.15	0.000	0.000	0.000	0.000	0.000	0.006	0.039	0.009	0.000
28.Jun.15	0.005	0.003	0.000	0.000	0.000	0.001	0.020	0.003	0.000
29.Jun.15	0.107	0.037	0.000	0.000	0.000	0.004	0.024	0.000	0.000
30.Jun.15	0.000	0.000	0.001	0.000	0.000	0.009	0.032	0.002	0.000
TOTAL	**0.466**	**0.720**	**0.279**	**0.000**	**0.000**	**0.395**	**1.219**	**0.272**	**0.000**

ALL FIGURES IN MUs

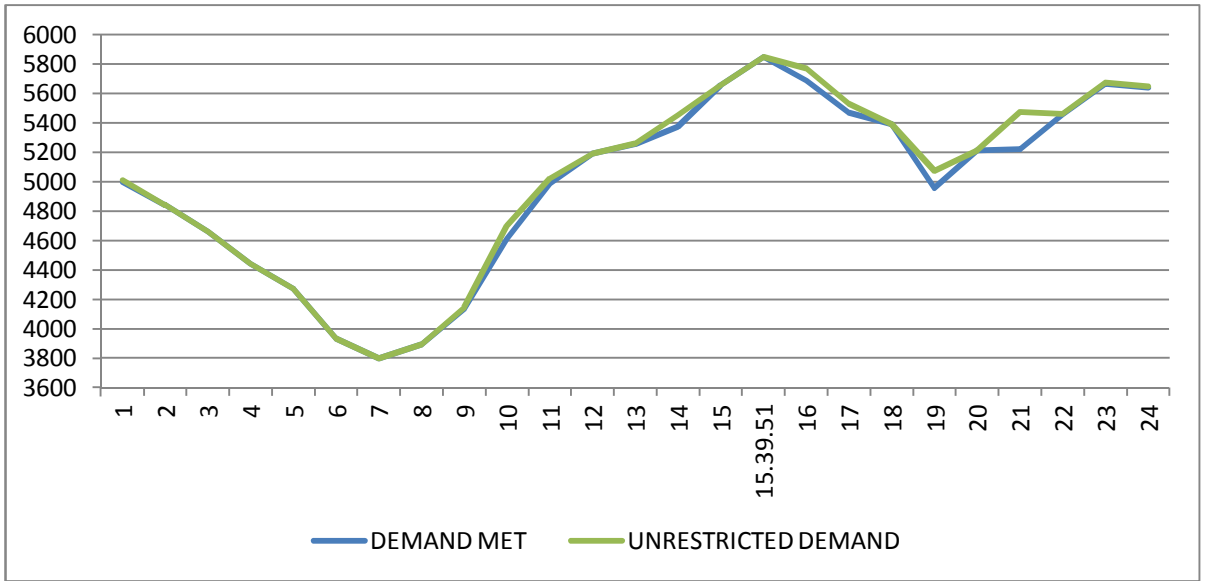
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		NDPL	NDMC	BSES		NDPL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.007	**0.161**	**0.171**
02.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.041**	**0.194**
03.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.032**	**0.032**
04.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.025	**0.095**	**0.157**
05.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.011	**0.028**	**0.037**
06.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.026	**0.081**	**0.205**
07.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.013	**0.041**	**0.053**
08.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.004	**0.159**	**0.254**
09.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.004	**0.109**	**0.109**
10.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.023	**0.243**	**0.252**
11.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.008	**0.061**	**0.090**
12.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.016	**0.288**	**0.305**
13.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.003	**0.524**	**0.524**
14.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.050**	**0.054**
15.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.010	**0.054**	**0.146**
16.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.010	**0.157**	**0.157**
17.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.034**	**0.043**
18.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.009	**0.308**	**0.366**
19.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.026	**0.226**	**0.624**
20.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.019	**0.087**	**0.087**
21.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.044**	**0.044**
22.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.082**	**0.271**
23.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.067**	**0.067**
24.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.168**	**0.184**
25.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.010	**0.082**	**0.082**
26.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.055**	**0.134**
27.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.054**	**0.054**
28.Jun.15	0.000	0.000	0.001	0.000	0.000	0.000	0.007	**0.040**	**0.165**
29.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.172**	**0.172**
30.Jun.15	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.045**	**0.045**
TOTAL	**0.000**	**0.000**	**0.001**	**0.000**	**0.000**	**0.000**	**0.236**	**3.588**	**5.078**

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.Jun.15	99.200	**4838**	00:01:01	53	**4891**	**4891**	00:01:01	**4838**	53
02.Jun.15	94.861	**4757**	15:28:32	8	**4765**	**4765**	15:28:32	**4757**	8
03.Jun.15	90.027	**4189**	00:00:00	0	**4189**	**4189**	00:00:00	**4189**	0
04.Jun.15	89.987	**4550**	15:41:56	0	**4550**	**4550**	15:41:56	**4550**	0
05.Jun.15	99.246	**4774**	15:33:00	1	**4775**	**4775**	15:33:00	**4774**	1
06.Jun.15	97.967	**4741**	23:27:56	0	**4741**	**4741**	23:27:56	**4741**	0
07.Jun.15	98.127	**5064**	23:38:32	11	**5075**	**5075**	23:38:32	**5064**	11
08.Jun.15	110.305	**5367**	23:30:42	10	**5377**	**5377**	23:30:42	**5367**	10
09.Jun.15	113.328	**5418**	23:39:49	5	**5423**	**5423**	23:39:49	**5418**	5
10.Jun.15	116.945	**5744**	15:03:45	9	**5753**	**5753**	15:03:45	**5744**	9
11.Jun.15	117.201	**5653**	15:39:39	0	**5653**	**5653**	15:39:39	**5653**	0
12.Jun.15	116.840	**5663**	15:46:57	28	**5691**	**5691**	15:46:57	**5663**	28
13.Jun.15	100.970	**5375**	00:02:29	35	**5410**	**5410**	00:02:29	**5375**	35
14.Jun.15	80.012	**4464**	00:03:35	0	**4464**	**4464**	00:03:35	**4464**	0
15.Jun.15	93.143	**4657**	23:38:18	0	**4657**	**4657**	23:38:18	**4657**	0
16.Jun.15	100.973	**4889**	23:46:02	0	**4889**	**4889**	23:46:02	**4889**	0
17.Jun.15	104.417	**5161**	23:48:05	0	**5161**	**5161**	23:48:05	**5161**	0
18.Jun.15	112.970	**5447**	23:24:08	10	**5457**	**5457**	23:24:08	**5447**	10
19.Jun.15	119.098	**5846**	15:39:51	0	**5846**	**5846**	15:39:51	**5846**	0
20.Jun.15	111.017	**5641**	00:00:25	7	**5648**	**5648**	00:00:25	**5641**	7
21.Jun.15	97.450	**5155**	00:01:21	0	**5155**	**5155**	00:01:21	**5155**	0
22.Jun.15	105.823	**5176**	23:06:39	0	**5176**	**5176**	23:06:39	**5176**	0
23.Jun.15	108.554	**5461**	15:01:36	3	**5464**	**5464**	15:01:36	**5461**	3
24.Jun.15	108.963	**5215**	15:27:25	0	**5215**	**5215**	15:27:25	**5215**	0
25.Jun.15	91.926	**4316**	15:39:37	0	**4316**	**4316**	15:39:37	**4316**	0
26.Jun.15	96.897	**4895**	15:40:07	0	**4895**	**4895**	15:40:07	**4895**	0
27.Jun.15	100.682	**4899**	15:37:50	4	**4903**	**4903**	15:37:50	**4899**	4
28.Jun.15	101.141	**5354**	23:59:38	10	**5364**	**5364**	23:59:38	**5354**	10
29.Jun.15	108.467	**5236**	00:00:02	0	**5236**	**5236**	00:00:02	**5236**	0
30.Jun.15	106.028	**5056**	22:58:55	0	**5056**	**5056**	22:58:55	**5056**	0
TOTAL	**3092.565**	**5846** **19.06.15**	15:39:51	0	**5846** 19.06.15	**5846**	15:39:51	**5846**	0

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING JUNE 2015 ON 19.06.2015- 5846MW AT 15.39.51HRS.

All figures in MW

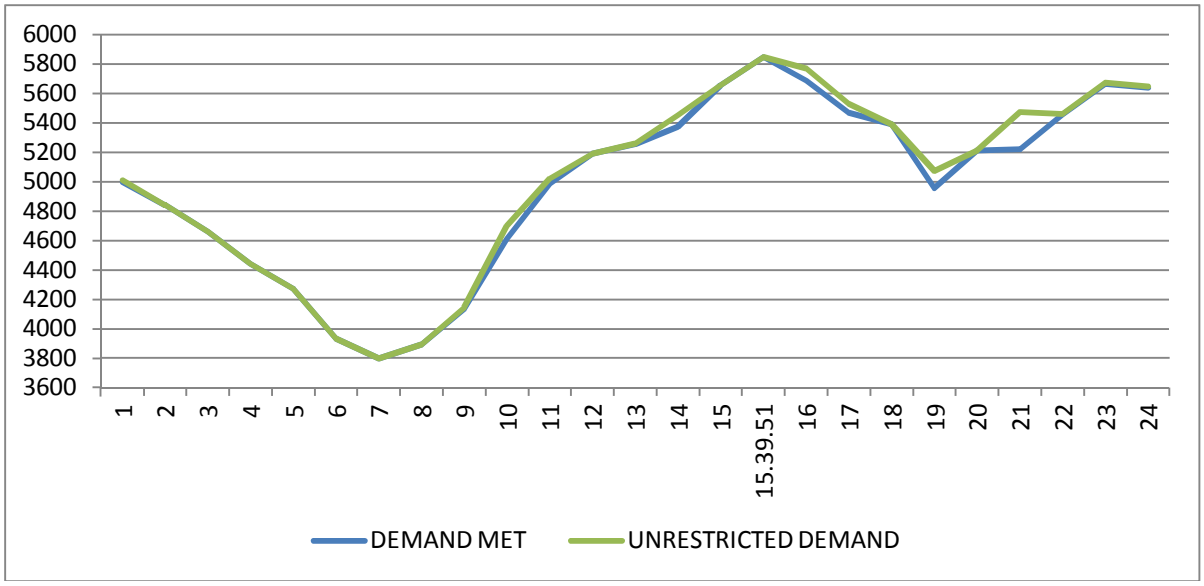
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4995	14	5009
02:00	4842	0	4842
03:00	4660	0	4660
04:00	4444	0	4444
05:00	4274	0	4274
06:00	3936	0	3936
07:00	3800	0	3800
08:00	3897	0	3897
09:00	4134	9	4143
10:00	4611	89	4700
11:00	4986	36	5022
12:00	5191	0	5191
13.00	5255	5	5260
14.00	5373	80	5453
15.00	5656	0	5656
15.39.51	5846	0	5846
16.00	5685	84	5769
17.00	5468	63	5531
18:00	5390	0	5390
19:00	4957	116	5073
20.00	5210	0	5210
21.00	5222	251	5473
22.00	5454	6	5460
23.00	5665	9	5674
24.00	5639	7	5646
Total (IN MUS)	**119.098**	**0.226**	**119.324**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING JUNE 2015 ON 19.06.2015- 5846MW AT 15.39.51HRS.

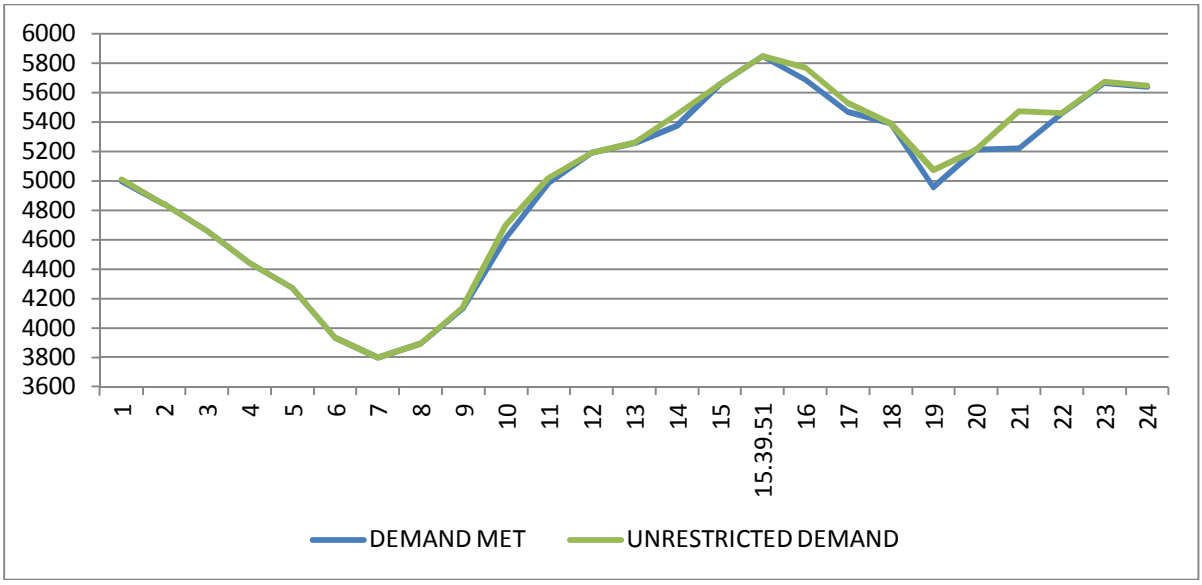
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4995	14	5009
02:00	4842	0	4842
03:00	4660	0	4660
04:00	4444	0	4444
05:00	4274	0	4274
06:00	3936	0	3936
07:00	3800	0	3800
08:00	3897	0	3897
09:00	4134	9	4143
10:00	4611	89	4700
11:00	4986	36	5022
12:00	5191	0	5191
13.00	5255	5	5260
14.00	5373	80	5453
15.00	5656	0	5656
15.39.51	5846	0	5846
16.00	5685	84	5769
17.00	5468	63	5531
18:00	5390	0	5390
19:00	4957	116	5073
20.00	5210	0	5210
21.00	5222	251	5473
22.00	5454	6	5460
23.00	5665	9	5674
24.00	5639	7	5646
Total (IN MUS)	**119.098**	**0.226**	**119.324**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING JUNE 2015 – 19.06.2015 – 119.098Mus All figures in MW

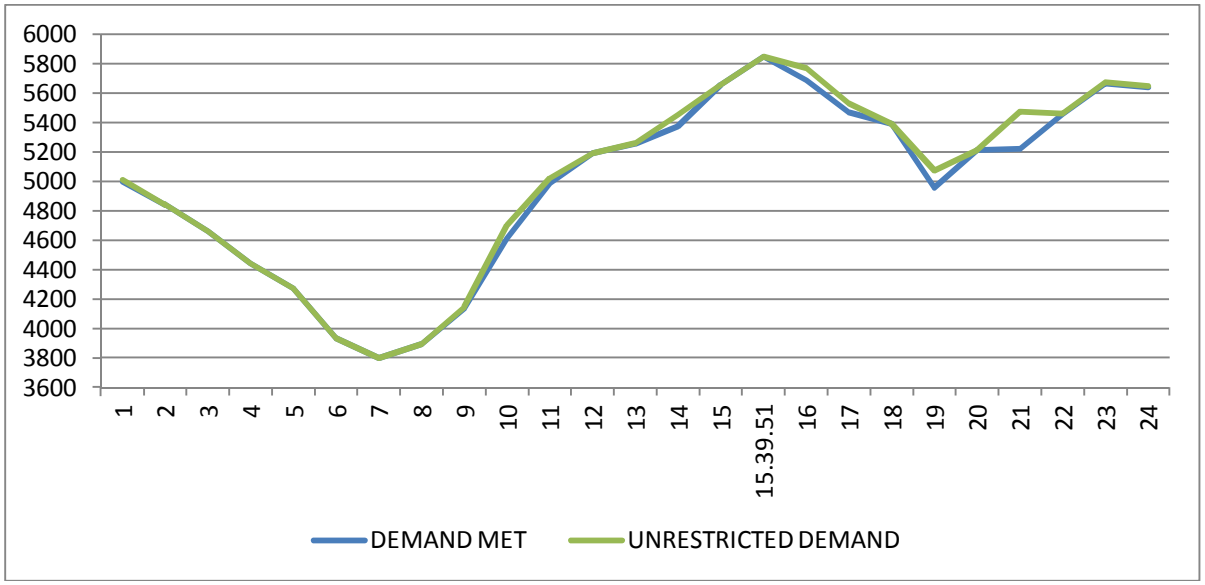
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4995	14	5009
02:00	4842	0	4842
03:00	4660	0	4660
04:00	4444	0	4444
05:00	4274	0	4274
06:00	3936	0	3936
07:00	3800	0	3800
08:00	3897	0	3897
09:00	4134	9	4143
10:00	4611	89	4700
11:00	4986	36	5022
12:00	5191	0	5191
13.00	5255	5	5260
14.00	5373	80	5453
15.00	5656	0	5656
15.39.51	5846	0	5846
16.00	5685	84	5769
17.00	5468	63	5531
18:00	5390	0	5390
19:00	4957	116	5073
20.00	5210	0	5210
21.00	5222	251	5473
22.00	5454	6	5460
23.00	5665	9	5674
24.00	5639	7	5646
Total (IN MUS)	**119.098**	**0.226**	**119.324**



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING JUNE 2015 – 19.06.2015 – 119.722 Mus

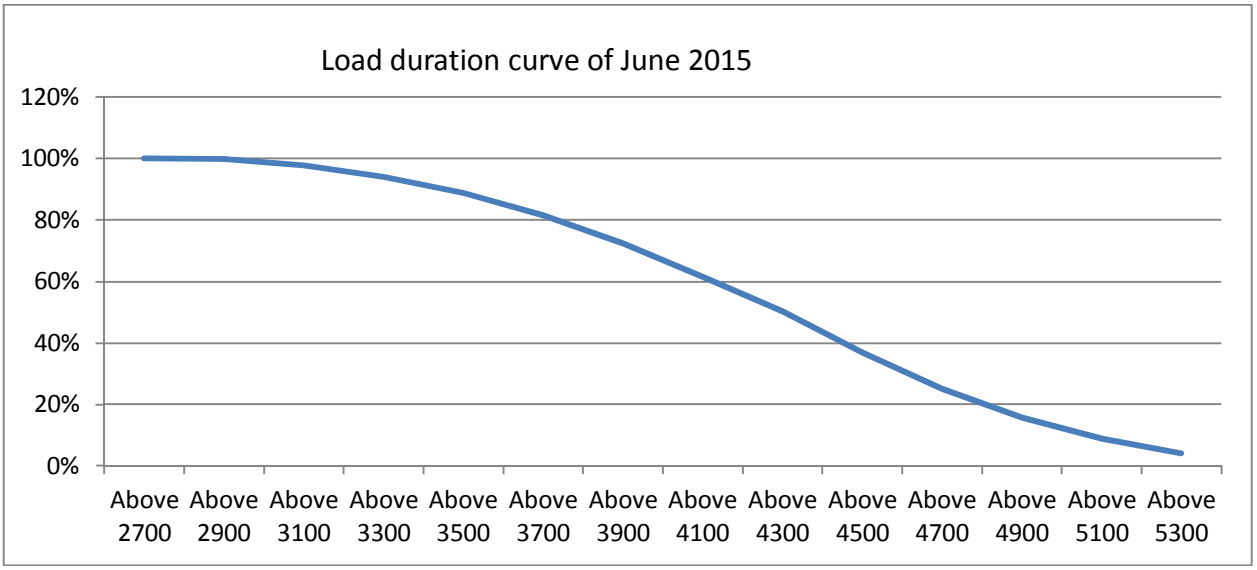
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4995	14	5009
02:00	4842	0	4842
03:00	4660	0	4660
04:00	4444	0	4444
05:00	4274	0	4274
06:00	3936	0	3936
07:00	3800	0	3800
08:00	3897	0	3897
09:00	4134	9	4143
10:00	4611	89	4700
11:00	4986	36	5022
12:00	5191	0	5191
13.00	5255	5	5260
14.00	5373	80	5453
15.00	5656	0	5656
15.39.51	5846	0	5846
16.00	5685	84	5769
17.00	5468	63	5531
18:00	5390	0	5390
19:00	4957	116	5073
20.00	5210	0	5210
21.00	5222	251	5473
22.00	5454	6	5460
23.00	5665	9	5674
24.00	5639	7	5646
Total (IN MUS)	**119.098**	**0.226**	**119.324**



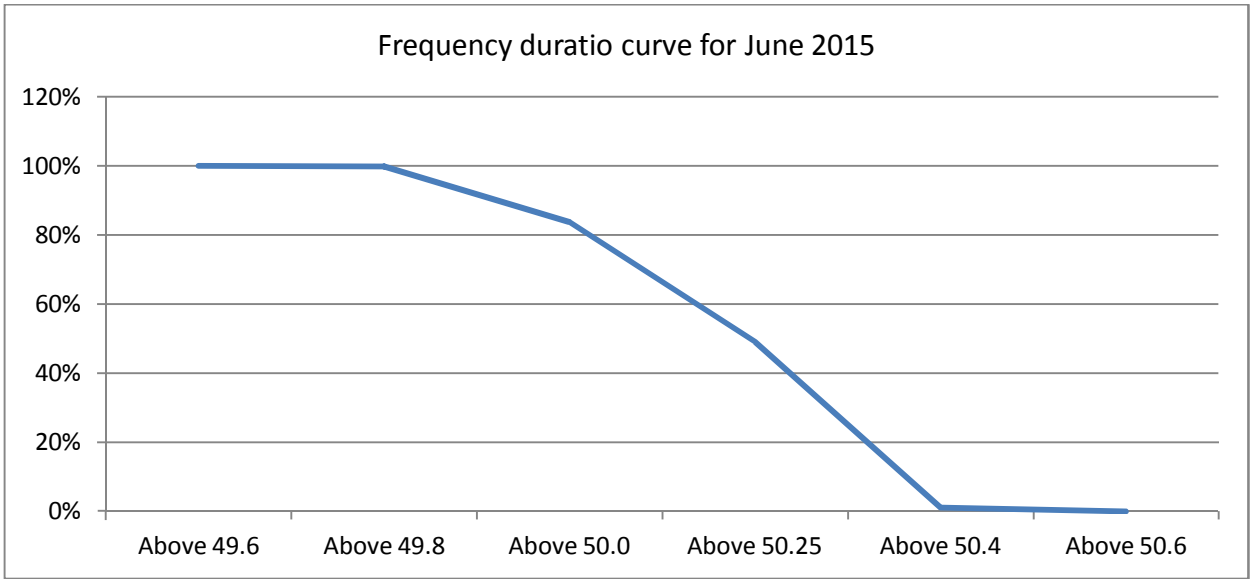
14 LOAD DURATION CURVE FOR JUNE 2015

Load in MW	Percentage of Time
Above 2700	100%
Above 2900	99.79%
Above 3100	97.78%
Above 3300	94.06%
Above 3500	88.82%
Above 3700	81.63%
Above 3900	72.29%
Above 4100	61.60%
Above 4300	50.35%
Above 4500	36.88%
Above 4700	25.17%
Above 4900	15.83%
Above 5100	8.96%
Above 5300	4.10%



15 FREQUENCY ANALYSIS FOR THE MONTH OF JUNE 2015

Frequency Range in Hz.	Percentage of time
Above 49.6	100%
Above 49.8	99.83%
Above 50.0	83.75%
Above 50.25	49.14%
Above 50.4	1.20%
Above 50.6	0.02%



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.Jun.15	229.3	--	219.89	198.99
02.Jun.15	223.76	212.15	219.63	206.73
03.Jun.15	224.27	214.34	220.53	206.73
04.Jun.15	226.59	--	221.56	204.67
05.Jun.15	226.72	215.63	218.34	200.28
06.Jun.15	225.56	212.54	219.63	202.86
07.Jun.15	224.01	213.05	223.34	206.09
08.Jun.15	222.47	212.02	217.82	198.61
09.Jun.15	221.44	209.96	214.60	200.93
10.Jun.15	222.47	211.25	216.66	197.32
11.Jun.15	224.14	211.89	217.31	196.93
12.Jun.15	222.08	210.21	215.63	197.58
13.Jun.15	228.53	211.89	220.92	202.22
14.Jun.15	228.53	214.60	224.66	--
15.Jun.15	224.66	214.08	225.43	--
16.Jun.15	223.50	213.18	221.44	210.86
17.Jun.15	223.11	213.70	221.05	209.83
18.Jun.15	223.37	211.38	222.34	206.73
19.Jun.15	222.34	211.50	220.40	205.44
20.Jun.15	221.82	215.76	222.08	208.67
21.Jun.15	231.49	217.05	228.14	212.41
22.Jun.15	220.92	212.41	221.44	207.38
23.Jun.15	225.30	211.25	221.44	207.25
24.Jun.15	224.01	212.41	223.50	206.73
25.Jun.15	227.37	216.28	227.63	212.02
26.Jun.15	226.72	212.79	225.95	206.73
27.Jun.15	225.69	212.41	222.08	205.96
28.Jun.15	224.14	212.41	222.21	208.15
29.Jun.15	225.43	213.95	221.56	--
30.Jun.15	225.95	213.18	220.53	202.86

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

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Jun.15	419.26	04.02.18	392.3	10.51	403.21
02.Jun.15	411.06	03.24.52	389.01	11.37	401.10
03.Jun.15	413.63	05.17.56	393.47	12.18	404.51
04.Jun.15	418.09	05.05.30	395.58	19.39	405.70
05.Jun.15	415.04	05.06.04	390.19	23.02	402.16
06.Jun.15	412.70	06.01.37	389.72	23.32	401.69
07.Jun.15	412.23	06.08.11	390.89	23.08	403.26
08.Jun.15	410.35	05.31.35	387.84	15.23	398.15
09.Jun.15	407.54	18.07.31	383.85	23.12	397.71
10.Jun.15	408.01	19.03.56	387.61	00.38	397.56
11.Jun.15	411.52	05.10.08	388.08	23.08	399.31
12.Jun.15	406.83	05.06.39	384.09	15.30	396.22
13.Jun.15	415.51	15.13.05	387.37	00.09	402.64
14.Jun.15	418.09	08.05.08	394.88	22.44	406.96
15.Jun.15	412.23	06.02.42	390.42	14.36	399.79
16.Jun.15	407.30	05.34.56	390.42	11.12	398.57
17.Jun.15	407.30	05.19.43	389.72	11.21	397.49
18.Jun.15	408.01	05.06.16	386.90	11.16	396.25
19.Jun.15	407.77	06.00.31	385.26	14.09	396.31
20.Jun.15	412.46	08.02.05	392.76	14.49	401.30
21.Jun.15	420.43	05.59.59	396.28	00.07	406.41
22.Jun.15	404.25	13.24.34	389.25	11.50	399.36
23.Jun.15	414.57	16.46.18	392.06	11.04	401.97
24.Jun.15	412.23	08.05.50	389.01	14.53	402.42
25.Jun.15	419.03	04.33	395.11	20.04	406.58
26.Jun.15	414.57	05.31	388.08	14.50	402.42
27.Jun.15	412.46	05.07	383.85	14.46	399.95
28.Jun.15	410.35	18.03	389.72	22.18	399.36
29.Jun.15	413.40	06.49	385.26	14.47	401.89
30.Jun.15	413.87	06.02	393.47	14.22	403.95

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Jun.15	425.36	04.12.38	400.97	10.51	409.72
02.Jun.15	414.81	03.25.01	400.27	15.37	408.35
03.Jun.15	419.50	18.04.38	402.14	12.18	411.18
04.Jun.15	423.01	05.05.21	404.02	22.43	412.08
05.Jun.15	420.20	05.05.28	400.74	23.17	408.95
06.Jun.15	417.15	06.01.41	398.63	23.42	408.29
07.Jun.15	415.74	06.02.12	399.57	23.05	409.19
08.Jun.15	413.87	05.28.50	396.75	23.06	404.55
09.Jun.15	410.35	18.06.48	393.47	23.11	403.01
10.Jun.15	411.29	06.04.13	393.94	00.38	403.30
11.Jun.15	414.57	06.10.34	395.81	23.15	404.10
12.Jun.15	410.82	05.06.39	392.76	23.22	402.36
13.Jun.15	422.78	15.11.51	393.70	00.05	408.44
14.Jun.15	421.84	04.06.52	400.50	22.33	411.76
15.Jun.15	415.51	05.22.45	397.92	14.29	405.11
16.Jun.15	411.52	05.34.32	396.16	11.17	403.07
17.Jun.15	411.52	05.16.39	396.99	11.23	403.26
18.Jun.15	411.89	05.05.23	396.05	14.21	402.59
19.Jun.15	412.23	06.01.10	394.68	10.27	402.60
20.Jun.15	411.52	18.02.08	400.97	19.51	403.04
21.Jun.15	425.59	09.01.33	237.77	00.42	412.59
22.Jun.15	408.71	18.01.16	396.75	11.47	403.93
23.Jun.15	418.32	16.21.51	398.39	11.15	407.11
24.Jun.15	416.21	23.55.34	396.28	14.52	407.38
25.Jun.15	422.55	05.09	401.91	19.43	412.14
26.Jun.15	419.50	06.02	396.75	14.44	408.38
27.Jun.15	416.92	05.24	392.75	14.46	405.93
28.Jun.15	414.57	18.01	396.05	22.07	405.14
29.Jun.15	417.15	06.46	398.63	14.42	407.41
30.Jun.15	417.15	06.03	398.63	14.22	408.73

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 JUNE 2015

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	01-06-15	07:20	NARAINA 220/33kV 100MVA Tx-I	01-06-15	19:42	TX TRIPPED ON 30AB BUCHHOLZ, 30G,86.
2	01-06-15	08:20	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	01-06-15	08:32	33KV I/C-2 OF TX TRIPPED ON O/C,E/F. MONKEY ELECTROCUTED IN YARD.
3	01-06-15	08:40	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	01-06-15	09:30	33KV I/C-2 OF TX TRIPPED ON 51NX,51AX..
4	01-06-15	19:54	PAPPANKALAN-I 220/66kV 100MVA Tx-IV	01-06-15	20:35	TX TRIPPED ON E/F.
5	01-06-15	20:55	PAPPANKALAN-I 220/66kV 100MVA Tx-IV	01-06-15	21:06	TX TRIPPED ON E/F.
6	02-06-15	07:50	NARELA 66/33kV, 30MVA Tx	02-06-15	08:13	33KV I/C OF TX TRIPPED ON E/F.
7	03-06-15	18:05	INDRAPRASTHA POWER 220/33kV 100MVA Tx-III	03-06-15	18:30	TX TRIPPED ON 186 ABC, 86T. 33KV I/C-3 TRIPPED WITHOUT INDICATION.
8	05-06-15	07:25	PATPARGANJ 220/66kV 100MVA Tx-II	05-06-15	10:05	TX TRIPPED ON DIFFERENTIAL PROTECTION.
9	07-06-15	07:25	OKHLA 66/11kV, 20MVA Tx-I	07-06-15	07:35	11KV I/C TRIPPED ON E/F.
10	08-06-15	10:45	ROHINI 66kV 20MVAR CAP. BANK-I	08-06-15	13:06	CAP BANK TRIPPED ON 64RT.
11	08-06-15	21:05	PAPPANKALAN-I 66kV 20MVAR CAP. BANK	10-06-15	11:55	CAP BANK TRIPPED ON 64NX,86.
12	09-06-15	08:51	PEERA GARHI 220/33kV 100MVA Tx-II	09-06-15	12:00	TX TRIPPED DUE TO OPERATION OF BUS BAR PROTECTION.
13	09-06-15	13:32	PEERA GARHI 220/33kV 100MVA Tx-II	09-06-15	15:10	TX TRIPPED ON LV REF.
14	13-06-15	08:48	OKHLA 33kV NEHRU PLACE CKT-I	13-06-15	11:30	CKT. TRIPPED ON DIST. PROT.
15	13-06-15	14:55	PARKSTREET 220/33kV 100MVA Tx-II	13-06-15	17:08	TR. TRIPPED ON O/C, 51C, 86B, I/C-II TRIPPED ON O/C
16	13-06-15	15:08	MEHRAULI 66kV PALAM CKT	13-06-15	15:50	CK.T TRIPPED ON DIST PROT, ZONE 3 & 4, DISTANCE 14.5KMS.
17	13-06-15	15:12	MEHRAULI 66kV VASANT KUNJ D-1	14-06-15	13:44	AT MEHRAULI CKT TRIPPED ON DIST PROT, ZONE 1, DISTANCE 14.5KMS.
18	13-06-15	23:20	PAPPANKALAN-II 66kV G-5 MATIALA CKT	13-06-15	23:50	AT PAPANKALAN -II CKT. TRIPPED ON DIST. PROT. ZONE-I, DISTANCE 4.6KMS.
19	14-06-15	04:45	GOPALPUR 33kV INDRA VIHAR CKT-I	14-06-15	05:35	AT GOPALPUR CKT. TRIPPED ON DIST. PROT., DISTANCE 2.1KMS.
20	14-06-15	04:55	GAZIPUR 66kV KONDLI CKT-II	14-06-15	06:15	AT GAZIPUR CKT. TRIPPED ON 67NX, B PHASE
21	14-06-15	04:55	GAZIPUR 66kV KONDLI CKT-I	14-06-15	06:15	AT GAZIPUR CKT. TRIPPED ON ZONE-1, DITS. 0.8KMS.
22	14-06-15	05:35	HARSH VIHAR 220/66KV 160MVA ICT-3	14-06-15	15:14	TR. TRIPPED ON BUCH, CABLE BOX LBB, 66KV I/C-III TRIPPED ON 86
23	14-06-15	05:50	GAZIPUR 220/66kV 100MVA Tx-I	15-06-15	02:30	TR. TRIPPED ON BUCH. , PRV RELAY, 66KV I/C TRIPPED, WHILE CHARGING CB AIR PRESSURE PIPE BLASTED.
24	14-06-15	13:15	WAZIRABAD 220/66kV 100MVA Tx-III	14-06-15	14:09	TR. TRIPPED ON 3 PHASE TRIP RELAY I/C-III TRIPPED ON 86
25	15-06-15	04:33	LODHI RD 33/11kV, 16MVA Tx-III	15-06-15	04:52	I/C -III TRIPPED ON 186 & OC
26	15-06-15	06:12	HARSH VIHAR Nand Nagari Ckt-1	15-06-15	10:17	CKT. TRIPPED ON GENERAL TRIP, O/C, E/F B PHASE

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
27	15-06-15	06:58	GAZIPUR 220/66kV 100MVA Tx-I	15-06-15	14:00	TR. TRIPPED ON PRD TRIP
28	15-06-15	06:58	GAZIPUR 220/66kV 160MVA Tx-I	16-06-15	18:15	TR. TRIPPED ON O/C, E/F, 95
29	15-06-15	06:58	GAZIPUR 66kV KONDLI CKT-II	16-06-15	18:56	CKT. TRIPPED ON ZONE-II B PHASE, BREAKER BLAST REPORTED
30	15-06-15	06:58	GAZIPUR 66kV KONDLI CKT-I	15-06-15	07:42	CKT. TRIPPED ON DIRECT O/C, E/F B PHASE
31	15-06-15	06:58	GAZIPUR 220/66kV 100MVA Tx-II	15-06-15	07:27	TR. TRIPPED WITHOUT INDICATION
32	16-06-15	12:53	GOPALPUR 66kV JAHANGIRPURI CKT-I	16-06-15	13:58	CKT. TRIPPED ON ZONE 1, DIST PROT, DIST 7.2KMS.
33	16-06-15	12:53	GOPALPUR 66kV JAHANGIRPURI CKT-II	16-06-15	13:58	CKT. TRIPPED ON ZONE 1, DIST PROT, DIST 7.2KMS.
34	16-06-15	13:23	NAJAFGARH 66kV PASCHIM VIHAR CKT-I (BODHELA-II CKT-I)	16-06-15	14:10	CKT. TRIPPED ON ZONE-2, B PHASE DIST PROT, DIST 10.4KMS
35	16-06-15	13:23	NAJAFGARH 66kV PASCHIM VIHAR CKT-II (BODHELA-II CKT-II)	16-06-15	14:10	CKT. TRIPPED ON ZONE-2, B PHASE DIST PROT, DIST 10.4KMS
36	16-06-15	15:15	PAPPANKALAN-I 220/66kV 100MVA Tx-III	16-06-15	15:28	TR. TRIPPED ON O/C, E/F
37	17-06-15	15:06	NARAINA 220/33kV 100MVA Tx-I	17-06-15	15:30	TRIPPED ON 51N, E/F, GROUP B, PROT TRIP
38	17-06-15	15:06	NARAINA 220/33kV 100MVA Tx-II	17-06-15	15:30	TRIPPED ON 86B, E/F
39	18-06-15	05:45	INDRAPRASTHA POWER 220/33kV 100MVA Tx-III	18-06-15	10:35	TX TRIPPED ON DIFFERENTIAL PROTECTION,186,86. 33KV I/C-3 TRIPPED ON INTER TRIPPING.
40	18-06-15	08:34	NAJAFGARH 66kV W/W NANGLOI CKT	18-06-15	10:30	TRIPPED ON ZONE-I, B PHASE DISTANCE 3.2KMS.
41	19-06-15	16:05	GAZIPUR 66kV KONDLI CKT-I	19-06-15	17:10	JUMPER BROKEN
42	19-06-15	16:20	LODHI RD 220/33kV 100MVA Tx-I	19-06-15	17:18	TR. TRIPPED ON 86B, O/C
43	20-06-15	12:56	DIAL 220/66kV 160MVA Tx-II	21-06-15	00:30	TR. TRIPPED ON 86A
44	22-06-15	06:15	GAZIPUR 220/66kV 160MVA Tx-I	22-06-15	06:50	TR. TRIPPED ON O/C, E/F. 86A, 86B
45	22-06-15	08:00	INDRAPRASTHA POWER 33kV KILOKRI CKT (BAY-25)	22-06-15	12:45	CKT. TRIPPED AND ATTENDED HOT POINT
46	22-06-15	15:15	HARSH VIHAR 220/66KV 160MVA ICT-2	22-06-15	16:00	TRIPPED ON CB TRIP
47	22-06-15	15:15	HARSH VIHAR 220/66KV 160MVA ICT-3	22-06-15	16:00	TRIPPED ON CB TRIP
48	22-06-15	15:15	HARSH VIHAR 66kV Ghonda Ckt.-1	22-06-15	16:00	TRIPPED ON 86, BUS -I TRIP
49	22-06-15	15:15	HARSH VIHAR 66kV Ghonda Ckt.-2	22-06-15	16:00	TRIPPED ON 86, TC-I FAULTY
50	22-06-15	15:15	HARSH VIHAR Nand Nagari Ckt-1	22-06-15	16:00	TRIPPED ON 86, TC-I FAULTY
51	22-06-15	15:15	HARSH VIHAR Nand Nagari Ckt-2	22-06-15	16:00	TRIPPED ON 86, BUS -I TRIP

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
52	22-06-15	17:50	PARKSTREET 220/66kV 100MVA Tx-I	22-06-15	17:59	66kV I/C-I TRIPPED ON E/F
53	23-06-15	01:26	WAZIRABAD 66/11kV, 20MVA Tx-III	23-06-15	07:24	TR. TRIPPED ON REF, 86
54	23-06-15	04:22	HARSH VIHAR Nand Nagari Ckt-2	23-06-15	08:42	TR. TRIPPED ON O/C, E/F, 86
55	23-06-15	04:22	HARSH VIHAR Nand Nagari Ckt-1	23-06-15	08:42	TR. TRIPPED ON O/C, E/F, 86
56	23-06-15	11:58	PATPARGANJ 33kV KARKADOOMA CKT-II	23-06-15	12:05	CKT. TRIPPED ON SPS
57	23-06-15	11:58	PATPARGANJ 220/33kV 50MVA Tx-II	23-06-15	12:55	TRIPPED ON 86, 30
58	23-06-15	11:58	PATPARGANJ 33kV CBD SHAHDARA CKT	23-06-15	12:05	CKT. TRIPPED ON SPS
59	23-06-15	11:58	PATPARGANJ 33kV PREET VIHAR CKT	23-06-15	12:05	CKT. TRIPPED ON SPS
60	23-06-15	11:58	PATPARGANJ 33kV KARKADOOMA CKT-I	23-06-15	12:05	CKT. TRIPPED ON SPS
61	23-06-15	15:42	NAJAFGARH 66kV PASCHIM VIHAR CKT-I (BODHELA-II CKT-I)	23-06-15	15:58	AT NAJAFGARH CKT. TRIPPED ON DIST PROT, ZONE-I
62	24-06-15	07:37	WAZIRABAD 220/66kV 160MVA Tx-I	24-06-15	22:02	TR. TRIPPED ON BUCH
63	24-06-15	10:58	ROHINI 66kV 20MVAR CAP. BANK-I	24-06-15	13:50	CAPACITOR BANK TRIPPED ON 86 RELAY AND UNBALANCING OF CURRENT
64	25-06-15	12:40	WAZIRABAD 220/66kV 160MVA Tx-I	25-06-15	12:55	I/C TRIPPED ON 86
65	25-06-15	12:40	WAZIRABAD 220/66kV 100MVA Tx-II	25-06-15	12:55	I/C TRIPPED ON O/C, 86
66	25-06-15	12:40	WAZIRABAD 220/66kV 100MVA Tx-I	25-06-15	12:55	I/C TRIPPED ON O/C, 86
67	25-06-15	12:40	WAZIRABAD 220/66kV 100MVA Tx-III	25-06-15	12:55	I/C TRIPPED ON O/C, E/F
68	25-06-15	16:02	GOPALPUR 220/33kV 100MVA Tx-III	25-06-15	21:41	TR. TRIPPED ON REF HV SIDE 86, 186
69	28-06-15	08:35	GOPALPUR 220/66kV 100MVA Tx-I	28-06-15	11:55	R-PH LA OF 66KV I/C DAMAGED BY DMRC DURING CONSTRUCTION OF NEW 66KV BAY.
70	28-06-15	09:35	PEERA GARHI 220/33kV 100MVA Tx-II	28-06-15	12:58	TX TRIPPED ON REF.86
71	30-06-15	12:02	KANJHAWALA 220/66kV 100MVA Tx-I	30-06-15	13:30	TX TRIPPED WITHOUT INDICATION.
72	02-07-15	11:30	ELECTRIC LANE 220/33kV 100MVA Tx-II	02-07-15	11:51	TR. TRIPPED ON SPR, F6
73	02-07-15	11:50	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	02-07-15	12:10	TR. TRIPPED ON 86, 51NX
74	02-07-15	11:50	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	02-07-15	12:10	TR. TRIPPED ON E/F
75	02-07-15	18:00	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	02-07-15	18:22	33KV I/C-I TRIPPED ON O/C, E/F, 86
76	02-07-15	18:30	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	02-07-15	18:38	33KV I/C-I TRIPPED ON 86, O/C, E/F
77	02-07-15	18:30	INDRAPRASTHA POWER 33kV 10MVAR CAP. BANK-III	Contd.	Contd.	CAPACITOR BANK MADE OFF DUE TO Y PHASE CT CAUGHT FIRE

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
78	17-09-14	15:33	220kV GAZIPUR - BTPS CKT	Contd.	Contd.	AT BTPS CKT TRIPPED ON D/P,Z-1,Y-PH, DIST-10.2KMS.AT GAZIPUR CKT TRIPPED ON D/P,Z-1,Y-PH, DIST-9.69KMS. CABLE FAULTY BEING REPLACED BY TRANSMISSION COMPANY OF UP .
79	19-12-14	18:51	220kV MAHARANIBAGH-TRAUMA CENTER CKT-I	Contd.	Contd.	AT MAHARANIBAGH CKT TRIPPED ON Y-PH E/F. AT TRAUMA CENTER CKT TRIPPED ON D/P, Z-1, B-PH. CABLE FAULTY.
80	16-03-15	15:25	400kV Bamnauli-Jhatikara Ckt-I	Contd.	Contd.	S/D WAS AVAILED ON CKT FOR REPLACING RELAY AT 400KV BAMNAULI. AFTER CLEARANCE CKT WAS CHARGED AT 19:43 HRS BUT CKT TRIPPED ON D/P,Z-1, A-PH,DIST-335 METER. CKT STRAIGHT THROUGH JOINT BURNT AND CABLE DAMAGED.
81	01-06-15	19:48	220kV BAWANA-DSIIDC BAWANA CKT-II	02-06-15	19:28	AT BAWANA CKT TRIPPED ON D/P, DIST-1.79KM. JUMPER OF THE CKT SNAPPED BETWEEN TOWER NO-222 & 223. NO TRIPPING AT DSIDC BAWANA S/STN.
82	01-06-15	19:48	220kV BAWANA-DSIIDC BAWANA CKT-I	02-06-15	14:08	AT BAWANA CKT TRIPPED ON D/P,A-PH,Z-1,DIST-1.79KM. CONDUCTOR BROKEN FROM GANTRY TOWARDS CVT AT BAWANA S/STN. AT DSIDC CKT TRIPPED ON D/P,Z-2,AB&C-PH,A/R LOCK OUT.
83	01-06-15	19:54	220kV BAMNAULI-PAPPANKALAN-I CKT-II	02-06-15	12:40	AT BAMNAULI CKT TRIPPED ON E/F. NO TRIPPING AT PPK-1. JUMPER SNAPPED AT TOWER NO-50.
84	02-06-15	18:40	220kV GOPALPUR-SUBZI MANDI CKT-II	02-06-15	19:55	AT GOPALPUR CKT TRIPPED ON D/P,Z-1,DIST-1.7KM. AT MANDOLA CKT TRIPPED ON D/P,Z-1,DIST-19.54KM.
85	03-06-15	22:10	220kV MEHRAULI - BTPS CKT. - II	03-06-15	22:37	AT MEHRAULI CKT TRIPPED ON D/P,Z-2,DIST-13.9KM,186. AT BTPS CKT TRIPPED ON D/P,Z-1,R-PH,DIST-3.2KM,E/F.
86	04-06-15	09:02	220kV GOPALPUR-MANDOLACKT-I	04-06-15	10:00	CKT TRIPPED DUE TO OPERATION OF SPS AT MANDOLA AS BOTH POLE OF HVDC RIHAND DADRI CKT TRIPPED.
87	04-06-15	09:02	220kV GOPALPUR-MANDOLACKT-II	04-06-15	10:00	CKT TRIPPED DUE TO OPERATION OF SPS AT MANDOLA AS BOTH POLE OF HVDC RIHAND DADRI CKT TRIPPED.
88	04-06-15	09:02	220kV NARELA - MANDOLA CKT-II	05-06-15	16:25	CKT TRIPPED DUE TO OPERATION OF SPS AT MANDOLA AS BOTH POLE OF HVDC RIHAND DADRI CKT TRIPPED.
89	08-06-15	11:07	220kV BAWANA - KANJHAWALA CKT	08-06-15	14:52	AT BAWANA CKT TRIPPED ON D/P,Z-1,A-PH,DIST-2.72KM. NO TRIPPING AT KANJHAWALA. HOWEVER 220KV BUS COUPLER TRIPPED ON E/F AT KANJHAWALA.
90	08-06-15	11:17	220kV BAMNAULI-NAJAFGARH CKT-II	08-06-15	11:26	AT NJF CKT TRIPPED ON 186. NO TRIPPING AT BAMNAULI.
91	08-06-15	11:17	220kV BAMNAULI-NAJAFGARH CKT-I	08-06-15	11:26	AT NJF CKT TRIPPED ON 186. NO TRIPPING AT BAMNAULI.
92	08-06-15	13:01	220kV BAWANA-DSIIDC BAWANA CKT-I	08-06-15	13:30	AT BAWANA CKT TRIPPED ON D/P,A/R LOCK OUT,Z-1. AT DSIDC BAWANA CKT TRIPPED ON D/P,A/R LOCK OUT.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
93	09-06-15	12:26	220kV BAWANA-DSIIDC BAWANA CKT-I	09-06-15	12:53	AT BAWANA CKT TRIPPED ON D/P,Z-1,A-PH,DIST-1.34KM. AT DSIDC CKT TRIPPED OND/P,A-PH.
94	13-06-15	09:06	400kV Ballabhgarh-Bamnauli Ckt-I	13-06-15	09:42	AT BAMNAULI CKT. TRIPPED ON ZONE-I, R, B & Y PHASE (152 & 252)
95	13-06-15	14:40	220kV WAZIRABAD-GEETA COLONY CKT-I	13-06-15	14:45	AT WAZIRABAD NO TRIPPING AT GEETA COLONY CKT. TRIPPED ON E/F, TRIP ABC, O/C, ZONE-I, DISTANCE 3.27KMS.
96	13-06-15	14:40	220 KV GOPALPUR-WAZIRABAD CKT	13-06-15	16:11	AT WAZIRABAD CKT. TRIPPED ON ZONE-I, B PHASE, DISTANCE O KM AT GOPALPUR SUPPLY FAIL
97	13-06-15	14:40	220kV WAZIRABAD-GEETA COLONY CKT-II	13-06-15	15:34	AT WAZIRABAD CKT. TRIPPED ON RYB PHASE, ZONE -I DISTANCE 0KMS. AT GEETA COLONY CKT. TRIPPED ON E/F, TRIP ABC
98	13-06-15	14:40	220KV WAZIRABAD - MANDOLA CKT-IV	13-06-15	15:23	AT WAZIRABAD CKT. TRIPPED ON O/C, E/F AT MANDOLA CKT. TRIPPED ON DIST. PROT, R PHASE, DISTANCE 11.16KMS.
99	13-06-15	14:58	220kV MEHRAULI - BTPS CKT. - II	13-06-15	15:47	AT MEHRAULI CKT. TRIPPED ON ABC ZONE-I, DIT PROT, DISTANCE 2.78KMS. AT BTPS ZONE-II, B PHASE , DISTANCE 14.2KMS.
100	13-06-15	15:16	400kV Ballabhgarh-Bamnauli Ckt-II	13-06-15	16:02	AT BAMNAULI CKT. TRIPPED ON DT SEND AT BALLABGHAR CKT. TRIPPE WITHOUT INDICATION
101	15-06-15	02:46	400kV Bamnauli-Jhatikara Ckt-II	15-06-15	13:36	AT BAMNAULI CKT. TRIPPED ON B PHASE, ZONE-I, D/P, B PHASE ZONE-I, 186A&B, DISTANCE 750.09MTS.
102	15-06-15	13:06	220kV GOPALPUR-MANDOLACKT-I	15-06-15	13:27	AT GOPALPUR CKT. TRIPPED ON GEN. TRIP, ZONE-I, DIST PROT, DIST. 10.5KM. AT MANDOLA TRIPPED ON DIST. PROT, ZONE-I, DIST. 17.49KM.
103	15-06-15	17:10	220kV BAMNAULI-NAJAFGARH CKT-I	15-06-15	18:12	SHUTDOWN FOR PROT. TESTING
104	16-06-15	10:13	400kV Bamnauli-Jhatikara Ckt-II	16-06-15	10:32	AT BAMNAULI CKT TRIPPED ON 85LO,186A&B. NO TRIPPING AT JHATTIKARA.
105	16-06-15	15:10	220kV BAMNAULI-PAPPANKALAN-I CKT-II	16-06-15	22:22	AT BAMNAULI CKT. TRIPPED ON ZONE-1, DIST PROT, 86, 186
106	16-06-15	15:18	220kV BAMNAULI-PAPPANKALAN-I CKT-I	16-06-15	22:22	AT BAMNAULI CKT. TRIPPED ON E/F, 86
107	18-06-15	12:31	220kV KANJHAWALA-NAJAFGARH CKT-2	18-06-15	12:47	AT NAJAFGARH CKT. TRIPPED ON ZONE -I, DIST 1KMS AT KHANJAWALA CKT. TRIPPED ON DIST PROT. ZONE-I
108	18-06-15	13:05	220kV KANJHAWALA-NAJAFGARH CKT-2	18-06-15	18:08	AT KHANJAWALA CKT. TRIPPED ON DIST. PROT. ZONE-I AT NAJAFGARH CKT. TRIPPED ON DIST PROT, ZONE-I
109	18-06-15	14:21	220kV MAHARANI BAGH - LODHI ROAD CKT-II	18-06-15	19:41	AT LODHI ROAD CKT. TRIPPED ON 186ABC, DIST PROT AT MAHARANI BAGH CKT. TRIPPED ON ZONE-I, B PHASE TRIP , DIST PROT,
110	19-06-15	12:01	220kV KANJHAWALA-NAJAFGARH CKT-2	19-06-15	12:05	AT KHANJAWALA CKT. TRIPPED WITHOUT INDICATION AT NAJAFGARH NO TRIPPING

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
111	19-06-15	15:46	220kV BAMNAULI-PAPPANKALAN-II CKT-II	19-06-15	16:02	AT PAPANKALAN -II TRIPPED ON DIST PROT, ZONE-I, DISTANCE 4.3KMS AT BAMNAULI TRIPPED ON DIST PROT, ZONE-I, DIST 15.21KMS.
112	19-06-15	16:20	220kV MAHARANI BAGH - LODHI ROAD CKT-I	19-06-15	17:18	CKT. TRIPPED DUE TO OVERLOADING OF CKT.
113	19-06-15	16:20	220kV MAHARANI BAGH - LODHI ROAD CKT-II	19-06-15	17:18	AT LODHI ROAD NO TRIPPING CB MADE OFF MANUALLY AT MAHARANI BAGH NO TRIPPING
114	19-06-15	16:20	220kV MAHARANIBAGH-MASJID MOTH CKT-I	19-06-15	16:30	AT MASJID MOTH TRIPPED ON 86 AT MAHARANI BAGH NO TRIPPING
115	19-06-15	18:51	220kV BAMNAULI-NAJAFGARH CKT-II	20-06-15	02:18	BAMNAULI CKT. TRIPPED ON 186 A&B, ZONE-I, C PHAES AT NAJAFGARH CKT. TRIPPED ON DIST PROT, ZONE -I, C PHASE
116	19-06-15	19:13	220kV MAHARANI BAGH - LODHI ROAD CKT-II	19-06-15	20:01	AT MAHARANI BAGH CKT. TRIPPED ON DIST PRO, ZONE-I, DIST 0.2KMS. AT LODHI ROAD NO TRIPPING
117	21-06-15	23:53	220KV MUNDKA-PEERAGARHI CKT-II	22-06-15	18:43	AT MUNDKA CKT. TRIPPED ON RYB, HEAVY JERK OBSERVED AT PEERA GARHI NO TRIPPING
118	22-06-15	13:32	220kV MEHRAULI - VASANT KUNJ CKT.- II	22-06-15	14:03	AT MEHRAULI CKT. TRIPPED ON DIST PROT. A&B AT VASANT KUNJ NO TRIPPING
119	22-06-15	16:33	220kV MAHARANI BAGH - LODHI ROAD CKT-II	Contd.	Contd.	HEAVY OIL LEAKAGE FROM B PHASE BUSHING CABLE END
120	23-06-15	11:58	220kV GEETA COLONY-PATPARGANJ CKT -II	23-06-15	12:20	AT GEETA COLONY CKT. TRIPPED ON ACTIVE GROUP -I, START B PHASE ABC, O/C, E/F, DIST PROT ZONE-I, DISTANCE 1.642KMS. AT PATPARGANJ CKT. TRIPPED ON 186, 186, DIST. PROT, ZONE-II DISTANCE 6.097KMS.
121	24-06-15	13:58	220kV GEETA COLONY-PATPARGANJ CKT-I	24-06-15	14:23	AT GEETA COLONY CKT. TRIPPED ON O/C, DIST PRIP, AT PATPARGANJ CKT. TRIPPED ON 186, 186
122	29-06-15	01:01	220KV GAZIPUR - MAHARANIBAGH CKT. -I	29-06-15	01:32	AT MAHARANIBAGH CKT TRIPPED ON D/P,Z-1. NO TRIPPING AT GAZIPUR.
123	29-06-15	01:01	220KV GAZIPUR - MAHARANIBAGH CKT. -II	29-06-15	01:34	AT GAZIPUR CKT TRIPPED ON D/P,Z-1,Y-PH,DIST-8.1KM. AT MAHARANIBAGH CKT TRIPPED ON D/P,Z-1,DIST-4.6KM.
124	29-06-15	14:47	220kV OKHLA - BTPS CKT. - II	29-06-15	15:15	AT OKHLA CKT TRIPPED ON O/C,E/F,87A,87N,87C. NO TRIPPING AT BTPS END.

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

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
22.06.15	1	09.46	09.51	SHALIAMARBAGH 220Kv	33KV SMB KHOSLA CKT. ï I, 3 NOS. 11KV FEEDERS	Df/dt	4
	2	09.54	09.58	SHALIAMARBAGH 220Kv	33KV SMB KHOSLA CKTï I	Df/dt	4