DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

SEPTEMBER 2015

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	SEPTEMBER 2014	SEPTEMBER 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)**	**4882**	**5463**
	Date	18.09.2014	15.09.2015
	Time	22.53.58	22.56.50
3	**Peak Demand met (MW)**	**4882**	**5457**
	Date	18.09.2014	15.09.2015
	Time	22.53.58	22.56.50
4	Peak Availability (MW)	4721	5343
5	Shortage (-) / Surplus (+) in MW	(-) 161	(-) 114
6	Percentage Shortage (-) / Surplus (+)	(-) 3.3	(-) 2.09
7	Maximum Energy Consume in a day (Mus)	102.341	113.334
8	Energy Consumed during the month	**2818.883**	**3042.194**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.000	0.001
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	0.328	0.332
	BRPL	3.584	0.775
	BYPL	1.214	0.007
	NDMC	0.000	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.000	0.129
	Total due to Grid Restriction	**5.126**	**1.244**
B)	Due to Constraints in System in Mus		
	DTL	0.627	1.738
	NDPL	0.588	0.447
	BRPL	0.930	0.971
	BYPL	0.222	0.244
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.011	0.098
	Total	**2.378**	**3.498**
11	**Grand Total in Mus**	**7.504**	**4.742**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING SEPTEMBER 2015

A) For the month of September 2015

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	**RPH**	0.000	0.687	-0.687	80.15	69.120
2.	**GT**	26.677	1.683	24.994	68.73	105.342
3.	**PPCL**	171.228	4.323	166.905	97.11	57.642
4.	**BTPS**	215.555	22.155	193.400	88.32	195.472
5.	**Rithala**	0.000	0.060	-0.060	**89.17**	59.040
6.	**Bawana**	166.146	7.035	159.111	65.54	469.566
7.	**Towmcl**	12.475	1.883	10.592	--	--
	TOTAL	**592.081**	**37.826**	**405.736**	**--**	**956.182**

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

Power Station	Effective Capacity (MW)	Net Generation in MUs for Sept. 2015	Availability (%) for Sept. 2015	PLF (%) for Sept 2015	Cumulative Generation in MUs upto Sept 2015 for the year 2015-16	Cumulative Availability in % upto Sept 2015 for the year 2015-16	Cumulative PLF in % upto Sept 2015 for the year 2015-16
RPH	135	-0.687	80.15	-1.05	37.357	72.03	6.50
GT	270	24.994	68.73	12.86	280.502	64.72	23.76
PPCL	330	166.905	97.11	72.10	924.432	96.38	67.70
BTPS	705	193.400	88.32	43.82	1179.798	90.45	47.64
Rithala	108	-0.060	**89.17**	0.00	-0.368	**55.16**	**14.78**
Bawana	1372	10.592	65.54	16.41	859.724	88.26	0.00
Towmcl	16	10.592	--	--	65.401	--	--
TOTAL	2936	**405.736**	**--**	**--**	**3346.846**	**--**	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2015

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	30.09.15	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	Contd.		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	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	30.09.15	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	30.09.15	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	30.09.15	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
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.

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	30.09.15	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	30.09.15	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

(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

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	30.09.15	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	

(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	30.09.15	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	Stopped due to low demand and high frequency
		01.05.15	14.55	07.05.15	01.27	
		07.05.15	13.07	07.05.15	20.57	AVR & Excitation system
		11.05.15	13.57	05.08.15	23.59	Stopped due to low demand and high frequency
		06.08.15	00.00	23.09.15	04.41	
		24.09.15	19.52	30.09.15	23.59	

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

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	30.09.15	23.59	Out due to planned outages

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

(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	30.09.15	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	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	30.09.15	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	30.09.15	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	

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	30.09.15	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	Contd.		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	Contd.		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	Contd.		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**

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 SEPTEMBER 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	22:58:18	0	34	270	0	-3	16	325	642	4626	4576	50	5268	0	5268
2	22:59:47	0	33	266	0	-4	16	316	627	4500	4532	-32	5127	0	5127
3	22:39:24	0	34	261	0	-3	16	319	627	4481	4487	-6	5108	0	5108
4	15:21:01	0	34	264	0	269	16	326	909	4071	4288	-217	4980	5	4985
5	00:00:07	0	33	262	0	256	16	321	888	4008	4075	-67	4896	0	4896
6	23:04:08	0	34	267	0	248	14	324	887	3981	3983	-2	4868	1	4869
7	23:22:11	0	34	261	0	277	16	318	906	4186	3987	199	5092	30	5122
8	23:27:55	0	34	270	0	292	15	313	924	4178	4255	-77	5102	29	5131
9	22:59:50	0	34	271	0	253	10	322	890	4170	4169	1	5060	0	5060
10	16:03:08	0	34	259	0	289	12	186	780	4453	4323	130	5233	0	5233
11	16:26:38	0	34	262	0	264	15	185	760	4425	4279	146	5185	0	5185
12	23:35:34	0	34	263	0	271	11	187	766	4304	4269	35	5070	2	5072
13	22:56:08	0	37	265	0	250	9	311	872	4226	4192	34	5098	5	5103
14	22:59:50	0	37	265	0	274	16	324	916	4395	4336	59	5311	11	5322
15	22:56:50	0	37	260	0	364	3	314	978	4579	4465	114	5557	6	5563
16	15:35:44	0	37	259	0	250	9	354	909	4445	4380	65	5354	0	5354
17	23:00	0	37	269	0	258	16	324	904	4324	4373	-49	5228	0	5228
18	15:08:15	0	36	137	0	268	16	318	775	4504	4379	125	5279	0	5279
19	15:46:48	0	37	138	0	252	16	313	756	4366	4008	358	5122	0	5122
20	00:00:38	0	33	270	0	249	16	323	891	3949	3971	-22	4840	0	4840
21	15:20:21	0	33	264	0	254	16	316	883	4219	4199	20	5102	34	5136
22	15:18:05	0	33	262	0	254	16	225	790	4253	4097	156	5043	0	5043
23	15:23	0	33	145	0	254	16	313	761	3772	3779	-7	4533	29	4562
24	15:56:05	0	33	144	0	251	15	294	737	3741	3651	90	4478	40	4518
25	22:53:10	0	33	149	0	248	16	224	670	3427	3283	144	4097	0	4097
26	23:18:57	0	33	147	0	251	16	219	666	3542	3520	22	4208	0	4208
27	22:56:41	0	33	148	0	251	11	189	632	3607	3505	102	4239	0	4239
28	15:15	0	33	145	0	251	11	217	657	3752	3700	52	4409	0	4409
29	15:38:27	0	33	144	0	248	15	219	659	3681	3637	44	4340	0	4340
30	15:23:20	0	33	145	0	252	16	225	671	2563	3516	-953	3234	0	3234

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING SEPTEMBER 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	22:58:18	0	34	270	0	-3	16	325	642	4626	4576	50	5268	0	5268
2	22:59:47	0	33	266	0	-4	16	316	627	4500	4532	-32	5127	0	5127
3	22:39:24	0	34	261	0	-3	16	319	627	4481	4487	-6	5108	0	5108
4	15:21:01	0	34	264	0	269	16	326	909	4071	4288	-217	4980	5	4985
5	00:00:07	0	33	262	0	256	16	321	888	4008	4075	-67	4896	0	4896
6	23:04:08	0	34	267	0	248	14	324	887	3981	3983	-2	4868	1	4869
7	23:22:11	0	34	261	0	277	16	318	906	4186	3987	199	5092	30	5122
8	23:27:55	0	34	270	0	292	15	313	924	4178	4255	-77	5102	29	5131
9	22:59:50	0	34	271	0	253	10	322	890	4170	4169	1	5060	0	5060
10	16:03:08	0	34	259	0	289	12	186	780	4453	4323	130	5233	0	5233
11	16:26:38	0	34	262	0	264	15	185	760	4425	4279	146	5185	0	5185
12	23:35:34	0	34	263	0	271	11	187	766	4304	4269	35	5070	2	5072
13	22:56:08	0	37	265	0	250	9	311	872	4226	4192	34	5098	5	5103
14	22:59:50	0	37	265	0	274	16	324	916	4395	4336	59	5311	11	5322
15	22:56:50	0	37	260	0	364	3	314	978	4579	4465	114	5557	6	5563
16	15:35:44	0	37	259	0	250	9	354	909	4445	4380	65	5354	0	5354
17	23:00	0	37	269	0	258	16	324	904	4324	4373	-49	5228	0	5228
18	15:08:15	0	36	137	0	268	16	318	775	4504	4379	125	5279	0	5279
19	15:46:48	0	37	138	0	252	16	313	756	4366	4008	358	5122	0	5122
20	00:00:38	0	33	270	0	249	16	323	891	3949	3971	-22	4840	0	4840
21	15:20:21	0	33	264	0	254	16	316	883	4219	4199	20	5102	34	5136
22	15:18:05	0	33	262	0	254	16	225	790	4253	4097	156	5043	0	5043
23	15:23	0	33	145	0	254	16	313	761	3772	3779	-7	4533	29	4562
24	15:56:05	0	33	144	0	251	15	294	737	3741	3651	90	4478	40	4518
25	22:53:10	0	33	149	0	248	16	224	670	3427	3283	144	4097	0	4097
26	23:18:57	0	33	147	0	251	16	219	666	3542	3520	22	4208	0	4208
27	22:56:41	0	33	148	0	251	11	189	632	3607	3505	102	4239	0	4239
28	15:15	0	33	145	0	251	11	217	657	3752	3700	52	4409	0	4409
29	15:38:27	0	33	144	0	248	15	219	659	3681	3637	44	4340	0	4340
30	15:23:20	0	33	145	0	252	16	225	671	2563	3516	-953	3234	0	3234

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

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

A (i) RPH	0.000
(ii) GT+STG	26.677
(iii) PRAGATI	171.228
(iv) RITHALA	0.000
(v) BAWANA CCGT	166.146
(vi) Timarpur ï Okhla	12.475
TOTAL	376.526
B) AVAILABILITY FROM BTPS	193.400
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	15.671
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**554.255**

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	5.050	4.945	3.766	3.688
SALAL	42.769	41.892	31.905	31.251
SASAN	267.507	261.922	267.007	261.433
TANKAPUR	7.473	7.319	5.574	5.459
CHAMERA	16.067	15.732	11.986	11.736
CHAMERA -II	20.109	19.695	15.001	14.692
CHAMERA -III	12.420	12.165	9.265	9.075
DHAULIGANGA	17.053	16.703	12.720	12.459
SEWA -2	4.058	3.971	3.027	2.962
URI	21.213	20.768	15.825	15.493
URI-II	15.020	14.706	15.020	14.706
KOLDAM	21.779	21.334	21.779	21.334
KOTESHWAR	7.245	7.096	7.245	7.096
PARBATI3	7.110	6.964	6.798	6.659
RAMPUR	0.000	0.000	0.000	0.000
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	18.111	17.735	13.609	13.327
ANTA (RLNG)	8.997	8.813	0.073	0.072
ANTA (LIQUID)	2.205	2.156	0.000	0.000
DADRI (GAS)	28.188	27.603	22.621	22.153
DADRI (RLNG)	25.607	25.088	0.003	0.003
DADRI (LIQUID)	9.381	9.175	0.000	0.000
AURAIYA (GAS)	1.741	1.710	1.305	1.282
AURAIYA (RLNG)	47.893	46.895	0.341	0.334
AURAIYA (LIQUID)	0.000	0.000	0.000	0.000
SINGRAULI	91.826	89.924	89.234	87.386
RIHAND -I	60.003	58.760	55.472	54.324
RIHAND -II	81.055	79.380	72.836	71.332
RIHAND -III	45.583	44.638	43.397	42.498
UNCHAHAR-I	12.186	11.937	9.426	9.232
UNCHAHAR-II	31.909	31.248	25.473	24.945
UNCHAHAR-III	19.886	19.474	15.985	15.653
DADRI (TH)	434.486	425.426	259.325	253.947
DADRI (TH) STAGE-II	523.800	512.940	434.048	425.025
NAPP	26.312	25.769	26.312	25.769
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	36.277	35.526	36.277	35.526
NATHPA JHAKRI	80.733	79.079	60.227	58.993
DULASTI	35.544	34.807	35.544	34.807
TEHRI	22.686	22.219	22.686	22.219
JHAJJAR	207.493	203.192	56.497	55.318
KHELGAON	30.843	30.204	24.827	24.313
KHELGAON-II	81.412	79.723	71.687	70.200
FARAKA	9.994	9.788	9.040	8.855

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	22.638	22.168	22.638	22.168
TALCHER	0.000	0.000	0.000	0.000
DVC	208.442	206.696	206.696	202.421
UTTAR PRADESH	0.000	0.000	0.000	0.000
TRIPUA	0.000	0.000	0.000	0.000
MEGHALAYA	21.974	21.813	21.813	21.361
ASSAM	0.000	0.000	0.000	0.000
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	116.288	115.302	115.302	112.952
DVC MEJIA (LT-08)(BYPL)	58.621	58.127	58.127	56.934
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	103.366	102.597	102.597	100.480
HIMACHAL PRADESH	30.334	30.039	30.039	29.432
PUNJAB	0.000	0.000	0.000	0.000
MADHYA PRADESH	114.565	113.113	113.113	110.744
HARYANA	0.000	0.000	0.000	0.000
DVC LT-9	0.000	0.000	0.000	0.000
HARYANA (LT-05)	15.089	15.052	15.052	14.741
WEST BENGAL	0.000	0.000	0.000	0.000
ORISSA	26.286	26.003	26.003	25.472
RAJASTHAN(SOLAR) BRPL-LT36	3.113	3.051	3.051	2.988
RAJASTHAN(SOLAR) BYPL - LT-35	3.113	3.051	3.051	2.988
RAJASTHAN(SOLAR) TPDDL LT-31	3.113	3.051	3.051	2.988
TO HARYANA	0.000	0.000	0.000	0.000
TO KARNATAKA	-0.239	-0.246	-0.246	-0.251
TO UTTAR PRADESH	-1.618	-1.648	-1.648	-1.685
TO TRIPURA	-0.545	-0.549	-0.549	-0.562
TO PUNJAB	-36.830	-37.108	-37.108	-37.893
TO BIHAR	-1.155	-1.167	-1.167	-1.189
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO KERALA	-1.723	-1.766	-1.766	-1.804
TO RAJASTHAN	0.000	0.000	0.000	0.000
TO WEST BENGAL	-4.124	-4.170	-4.170	-4.261
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)	159.593	156.338	159.593	156.338
TO POWER EXCHANGE (IEX)	-43.804	-44.746	-43.804	-44.746
POWRER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (PX)	-1.797	-1.837	-1.797	-1.837
TO SHARE PROJECT (HARYANA)	-14.462	-14.774	-14.462	-14.774
TO SHARE PROJECT (PUNJAB)	-13.959	-14.259	-13.959	-14.259
TOTAL	**3205.302**	**3142.555**	**2572.617**	**2514.302**

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	1464.636	1434.237	1064.927	1042.846
NTPC - ER	122.249	119.715	105.554	103.368
NHPC	203.886	199.667	166.431	162.986
NPC	62.590	61.295	62.590	61.295
SASAN	267.507	261.922	267.007	261.433
KOTESHWAR	7.245	7.096	7.245	7.096
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	80.733	79.079	60.227	58.993
TEHRI	22.686	22.219	22.686	22.219
TALA	22.638	22.168	22.638	22.168
JHAJJAR	207.493	203.192	56.497	55.318
TALCHER	0.000	0.000	0.000	0.000
RAJASTHAN SOLAR(BRPL)T-36	3.113	3.051	3.051	2.988
RAJASTHAN SOLAR(BYPL)T-35	3.113	3.051	3.051	2.988
RAJASTHAN SOLAR(TPDDL)T-31	3.113	3.051	3.051	2.988

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	208.442	206.696	206.696	202.421
UTTAR PRADESH	0.000	0.000	0.000	0.000
TRIPURA	0.000	0.000	0.000	0.000
MEGHALAYA	21.974	21.813	21.813	21.361
ASSAM	0.000	0.000	0.000	0.000
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	116.288	115.302	115.302	112.952
DVC MEJIA (LT-08)(BYPL)	58.621	58.127	58.127	56.934
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	103.366	102.597	102.597	100.480
HIMACHAL PRADESH	30.334	30.039	30.039	29.432
PUNJAB	0.000	0.000	0.000	0.000
MADHYA PRADESH	114.565	113.113	113.113	110.744
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)	15.089	15.052	15.052	14.741
WEST BENGAL	0.000	0.000	0.000	0.000
ORISSA	26.286	26.003	26.003	25.472
POWER EXCHANGE(IEX)	159.593	156.338	159.593	156.338
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**3325.559**	**3264.823**	**2693.292**	**2637.561**

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 KARNATAKA	-0.239	-0.246	-0.246	-0.251
TO UTTAR PRADESH	-1.618	-1.648	-1.648	-1.685
TO TRIPURA	-0.545	-0.549	-0.549	-0.562
TO BIHAR	-1.155	-1.167	-1.167	-1.189
TO PUNJAB	-36.830	-37.108	-37.108	-37.893
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO KERALA	-1.723	-1.766	-1.766	-1.804
TO RAJASTHAN	0.000	0.000	0.000	0.000
TO WEST BENGAL	-4.124	-4.170	-4.170	-4.261
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)	-43.804	-44.746	-43.804	-44.746
TO POWER EXCHANGE (PX)	-1.797	-1.837	-1.797	-1.837
TO SHARE PROJECT (HARYANA)	-14.462	-14.774	-14.462	-14.774
TO SHARE PROJECT (PUNJAB)	-13.959	-14.259	-13.959	-14.259
TOTAL	**-120.257**	**-122.269**	**-120.675**	**-123.259**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**3205.302**	**3142.555**	**2572.617**	**2514.302**

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS		3057.865
NET CONSUMPTION		**3042.194**
AVAILABILITY WITHIN DELHI		554.255
ACTUAL DRAWAL FROM THE GRID		2487.939
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY		-26.363
LOAD SHEDDING		4.742
UNRESTRICTED DEMAND (GROSS)		3062.607
UNRESTRICTED DEMAND (NET)		3046.936
MAX. NET CONSUMPTION		113.334 ON 16.09.2015
MAX. LOAD SHEDDING		877MW ON 17.09.2015 AT 15.01HRS.
PEAK LOAD	Peak Demand during the month	SHEDDING AT PEAK TIME
DAY PEAK	5354MW AT 15.35.44HRS ON 16.09.2015	0 MW
EVENING PEAK	5457MW AT 22.56.50HRS ON 15.09.2015	6 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH	0.00%
	GT	13.72%
	PRAGATI	72.07%
	RITHALA	0.00%
	BAWANA	16.83%
	Timarpur Okhla	108.29%

9 SHEDDING DETAILS DURING THE MONTH OF SEPTEMBER 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.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.002	0.000	0.000
02.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
03.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.016	0.000	0.000	0.000
04.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.089	0.003	0.000	0.000
05.Sep.15	1	0.000	0.000	0.001	0.000	**0.001**	0.000	0.000	0.000	0.000	0.000
06.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.027	0.000	0.000
07.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.104	0.060	0.000	0.000
08.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.025	0.018	0.000	0.000
09.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.006	0.000	0.000
10.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.005	0.000	0.000	0.000
11.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
12.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
13.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
14.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
15.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.007	0.046	0.029	0.000	0.000
16.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.074	0.048	0.000	0.000
17.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
18.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
19.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.153	0.067	0.000	0.000
20.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
21.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
22.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
23.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
24.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
25.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.067	0.000	0.000	0.000
26.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.063	0.007	0.000	0.000
27.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
28.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
29.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.064	0.057	0.000	0.000
30.Sep.15	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.069	0.008	0.000	0.000
TOTAL	**1**	**0.000**	**0.000**	**0.001**	**0.000**	**0.001**	**0.007**	**0.775**	**0.332**	**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.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.002**	**0.002**
02.Sep.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.Sep.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**
04.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.092**	**0.092**
05.Sep.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**	**0.001**
06.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.027**	**0.027**
07.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.164**	**0.164**
08.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.082	0.040	0.000	**0.172**	**0.172**
09.Sep.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**
10.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.005**	**0.005**
11.Sep.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.Sep.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**
13.Sep.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.Sep.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.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.082**	**0.082**
16.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.122**	**0.122**
17.Sep.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**
18.Sep.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**
19.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.220**	**0.220**
20.Sep.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.Sep.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.Sep.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.Sep.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.Sep.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.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.067**	**0.067**
26.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.070**	**0.070**
27.Sep.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.Sep.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**
29.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.121**	**0.121**
30.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.077**	**0.077**
TOTAL	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.007**	**0.082**	**0.040**	**0.000**	**1.243**	**1.244**

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.Sep.15	0.453	0.069	0.007	0.000	0.000	0.000	0.019	0.001	0.000
02.Sep.15	0.000	0.000	0.000	0.000	0.000	0.008	0.012	0.005	0.000
03.Sep.15	0.000	0.015	0.003	0.000	0.000	0.000	0.022	0.001	0.000
04.Sep.15	0.000	0.000	0.000	0.000	0.000	0.006	0.040	0.002	0.000
05.Sep.15	0.000	0.000	0.000	0.000	0.000	0.008	0.025	0.003	0.000
06.Sep.15	0.000	0.000	0.000	0.000	0.000	0.007	0.037	0.019	0.000
07.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000
08.Sep.15	0.000	0.009	0.000	0.000	0.000	0.022	0.000	0.000	0.000
09.Sep.15	0.027	0.009	0.000	0.007	0.000	0.029	0.000	0.013	0.000
10.Sep.15	0.001	0.000	0.000	0.000	0.000	0.012	0.079	0.000	0.000
11.Sep.15	0.000	0.000	0.000	0.000	0.000	0.007	0.108	0.004	0.000
12.Sep.15	0.000	0.077	0.010	0.000	0.000	0.044	0.001	0.014	0.000
13.Sep.15	0.064	0.016	0.010	0.000	0.000	0.022	0.017	0.010	0.000
14.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.015	0.000
15.Sep.15	0.000	0.060	0.021	0.000	0.000	0.021	0.048	0.009	0.000
16.Sep.15	0.000	0.068	0.000	0.000	0.000	0.003	0.015	0.000	0.000
17.Sep.15	0.000	0.000	0.462	0.000	0.000	0.004	0.002	0.058	0.000
18.Sep.15	0.000	0.000	0.003	0.000	0.000	0.003	0.031	0.014	0.000
19.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000
20.Sep.15	0.010	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000
21.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.063	0.001	0.000
22.Sep.15	0.000	0.000	0.180	0.000	0.000	0.003	0.181	0.006	0.000
23.Sep.15	0.000	0.000	0.001	0.000	0.000	0.000	0.050	0.000	0.000
24.Sep.15	0.017	0.084	0.004	0.000	0.000	0.008	0.137	0.000	0.000
25.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
26.Sep.15	0.020	0.000	0.000	0.000	0.000	0.003	0.023	0.000	0.000
27.Sep.15	0.000	0.000	0.001	0.000	0.000	0.013	0.000	0.000	0.000
28.Sep.15	0.000	0.000	0.000	0.000	0.000	0.004	0.024	0.000	0.000
29.Sep.15	0.030	0.000	0.000	0.000	0.000	0.014	0.006	0.000	0.000
30.Sep.15	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.007	0.000
TOTAL	**0.622**	**0.407**	**0.702**	**0.007**	**0.000**	**0.244**	**0.971**	**0.183**	**0.000**

ALL FIGURES IN MUs

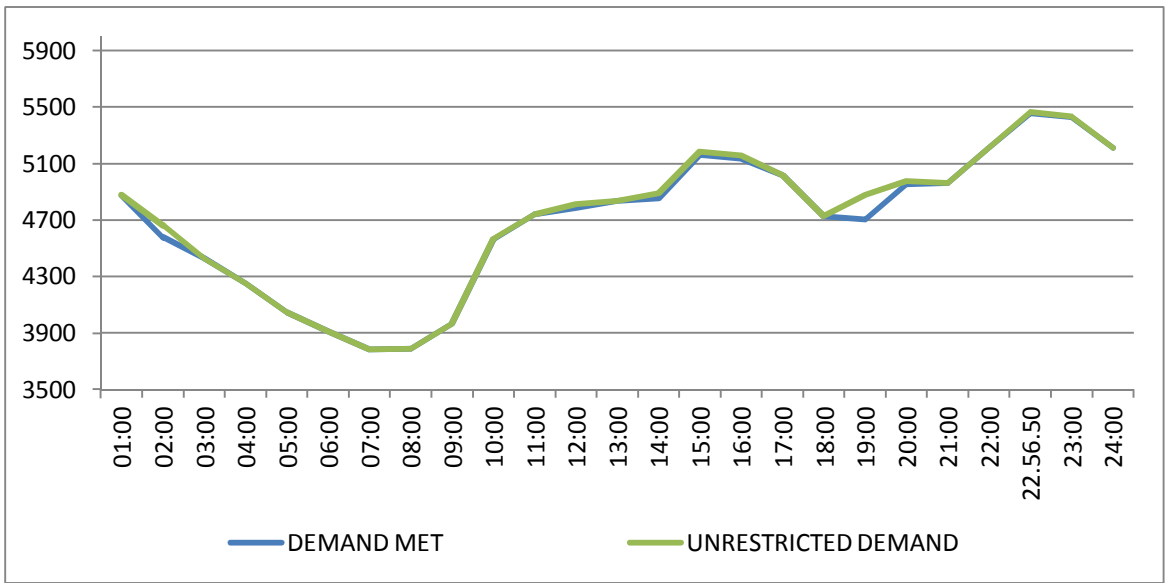
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		NDPL	NDMC	BSES		NDPL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.551**	**0.553**
02.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.025**	**0.025**
03.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.005	**0.046**	**0.062**
04.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.005	**0.053**	**0.145**
05.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.003	**0.039**	**0.040**
06.Sep.15	0.000	0.008	0.074	0.000	0.000	0.000	0.012	**0.157**	**0.184**
07.Sep.15	0.000	0.008	0.000	0.000	0.000	0.000	0.011	**0.021**	**0.185**
08.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.022	**0.053**	**0.225**
09.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.012	**0.097**	**0.103**
10.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.094**	**0.099**
11.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.004	**0.123**	**0.123**
12.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.006	**0.152**	**0.152**
13.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.141**	**0.141**
14.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.037**	**0.037**
15.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.026	**0.185**	**0.267**
16.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.014	**0.100**	**0.222**
17.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.004	**0.530**	**0.530**
18.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.012	**0.063**	**0.063**
19.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.009	**0.014**	**0.234**
20.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.016**	**0.016**
21.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.006	**0.070**	**0.070**
22.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.015	**0.385**	**0.385**
23.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.003	**0.054**	**0.054**
24.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.016	**0.266**	**0.266**
25.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.022	**0.023**	**0.090**
26.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.019	**0.065**	**0.135**
27.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.014**	**0.014**
28.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.011	**0.039**	**0.039**
29.Sep.15	0.000	0.000	0.000	0.000	0.000	0.000	0.015	**0.065**	**0.186**
30.Sep.15	0.000	0.000	0.008	0.000	0.000	0.000	0.002	**0.020**	**0.097**
TOTAL	**0.000**	**0.016**	**0.082**	**0.000**	**0.000**	**0.000**	**0.264**	**3.498**	**4.742**

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.Sep.15	108.608	5268	22:58:18	0	5268	5268	22:58:18	5268	0
02.Sep.15	106.177	5127	22:59:47	0	5127	5127	22:59:47	5127	0
03.Sep.15	106.343	5108	22:39:24	0	5108	5108	22:39:24	5108	0
04.Sep.15	105.430	4980	15:21:01	5	4985	4985	15:21:01	4980	5
05.Sep.15	96.664	4896	00:00:07	0	4896	4896	00:00:07	4896	0
06.Sep.15	95.675	4868	23:04:08	1	4869	4869	23:04:08	4868	1
07.Sep.15	103.491	5092	23:22:11	30	5122	5122	23:22:11	5092	30
08.Sep.15	105.503	5102	23:27:55	29	5131	5169	23:00	5065	104
09.Sep.15	104.921	5060	22:59:50	0	5060	5060	22:59:50	5060	0
10.Sep.15	105.751	5233	16:03:08	0	5233	5233	16:03:08	5233	0
11.Sep.15	105.146	5185	16:26:38	0	5185	5185	16:26:38	5185	0
12.Sep.15	103.409	5070	23:35:34	2	5072	5072	23:35:34	5070	2
13.Sep.15	103.166	5098	22:56:08	5	5103	5103	22:56:08	5098	5
14.Sep.15	109.761	5311	22:59:50	11	5322	5322	22:59:50	5311	11
15.Sep.15	112.142	5457	22:56:50	6	5463	5463	22:56:50	5457	6
16.Sep.15	113.334	5354	15:35:44	0	5354	5354	15:35:44	5354	0
17.Sep.15	111.513	5228	23:00	0	5228	5228	23:00	5228	0
18.Sep.15	106.514	5277	15:08:15	4	5281	5281	15:08:15	5277	4
19.Sep.15	100.362	5122	15:46:48	0	5122	5122	15:46:48	5122	0
20.Sep.15	99.806	4840	00:00:38	0	4840	4840	00:00:38	4840	0
21.Sep.15	101.931	5002	15:20:21	0	5002	5002	15:20:21	5002	0
22.Sep.15	104.611	4943	15:18:05	14	4957	4957	15:18:05	4943	14
23.Sep.15	95.266	4533	15:23	0	4533	4533	15:23	4533	0
24.Sep.15	96.420	4478	15:56:05	0	4478	4478	15:56:05	4478	0
25.Sep.15	87.422	4097	22:53:10	0	4097	4097	22:53:10	4097	0
26.Sep.15	88.444	4208	23:18:57	0	4208	4208	23:18:57	4208	0
27.Sep.15	88.263	4239	22:56:41	0	4239	4239	22:56:41	4239	0
28.Sep.15	93.579	4409	15:15	0	4409	4409	15:15	4409	0
29.Sep.15	91.983	4340	15:38:27	0	4340	4340	15:38:27	4340	0
30.Sep.15	90.559	4234	15:23:20	0	4234	4234	15:23:20	4234	0
TOTAL	3042.194	5457 15.09.15	22:56:50	6	5463 15.09.15	5463	22:56:50	5457	6

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING SEPTEMBER 2015 ON 15.09.2015- 5457MW AT 22.56.50HRS.

All figures in MW

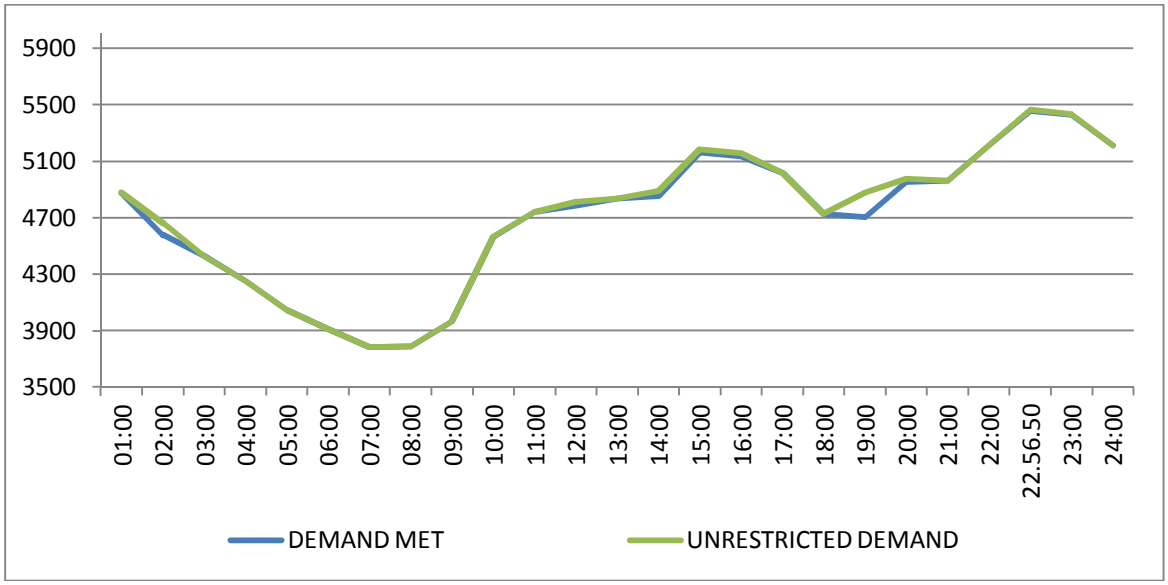
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01.00	4874	6	4880
02.00	4576	86	4662
03.00	4429	0	4429
04.00	4249	0	4249
05.00	4046	0	4046
06.00	3910	0	3910
07.00	3783	0	3783
08.00	3787	0	3787
09.00	3965	0	3965
10.00	4563	4	4567
11.00	4741	0	4741
12.00	4787	25	4812
13.00	4834	2	4836
14.00	4853	38	4891
15.00	5160	24	5184
16.00	5132	23	5155
17.00	5016	0	5016
18.00	4725	0	4725
19.00	4703	172	4875
20.00	4953	22	4975
21.00	4960	0	4960
22.00	5211	0	5457
22.56.50	5457	6	5463
23.00	5428	6	5434
24.00	5210	0	5210
Total (IN MUS)	**112.142**	**0.267**	**112.409**



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

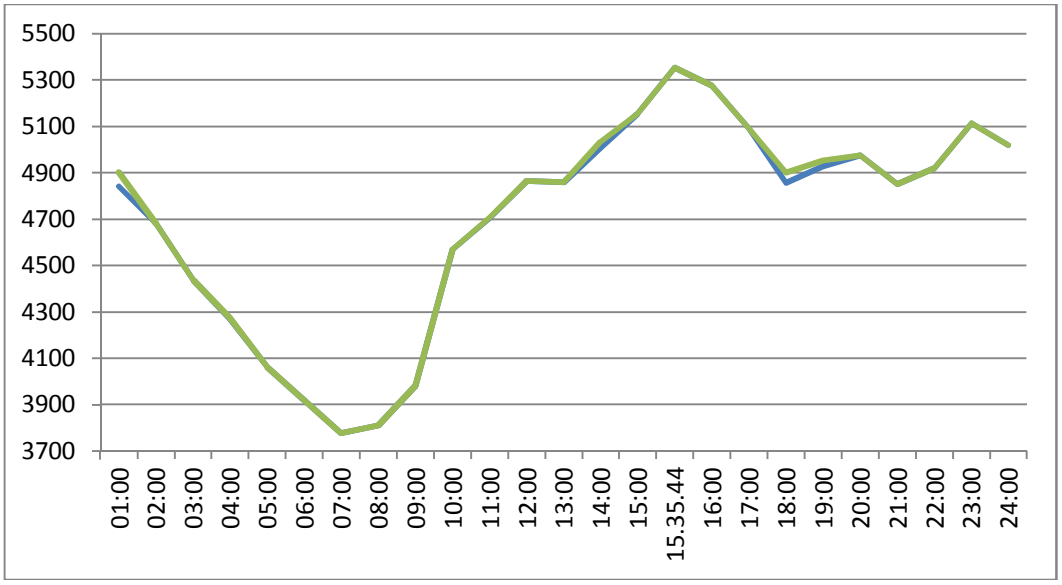
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
01.00	4874	6	4880
02.00	4576	86	4662
03.00	4429	0	4429
04.00	4249	0	4249
05.00	4046	0	4046
06.00	3910	0	3910
07.00	3783	0	3783
08.00	3787	0	3787
09.00	3965	0	3965
10.00	4563	4	4567
11.00	4741	0	4741
12.00	4787	25	4812
13.00	4834	2	4836
14.00	4853	38	4891
15.00	5160	24	5184
16.00	5132	23	5155
17.00	5016	0	5016
18.00	4725	0	4725
19.00	4703	172	4875
20.00	4953	22	4975
21.00	4960	0	4960
22.00	5211	0	5457
22.56.50	5457	6	5463
23.00	5428	6	5434
24.00	5210	0	5210
Total (IN MUS)	**112.142**	**0.267**	**112.409**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING SEPTEMBER 2015 – 16.09.2015 – 113.334Mus All figures in MW

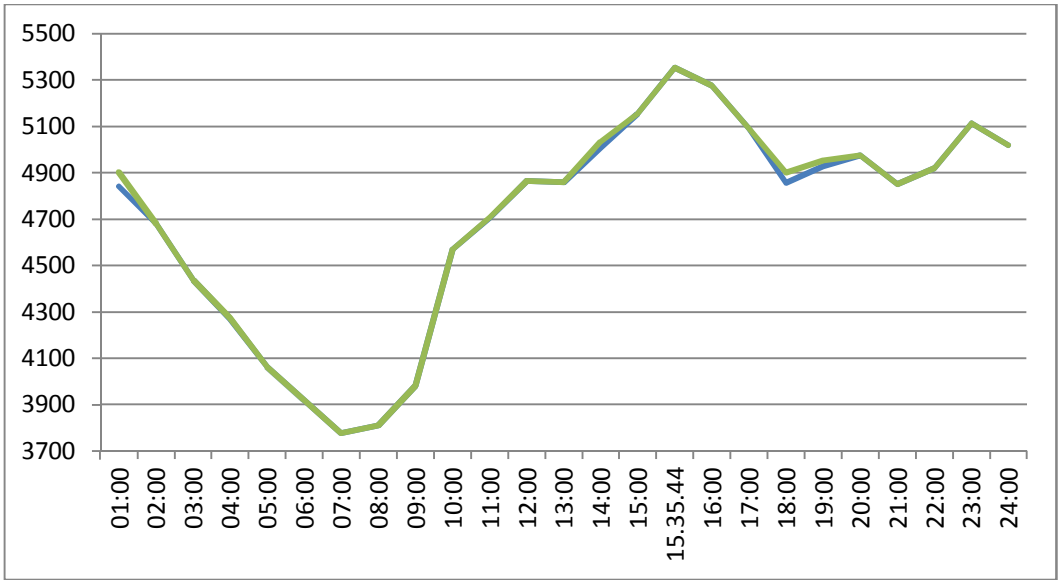
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4841	62	4903
02:00	4680	1	4681
03:00	4437	1	4438
04:00	4272	1	4273
05:00	4064	0	4064
06:00	3920	0	3920
07:00	3779	0	3779
08:00	3810	0	3810
09:00	3983	0	3983
10:00	4569	0	4569
11:00	4705	2	4707
12:00	4866	0	4866
13:00	4858	0	4858
14:00	5007	27	5034
15:00	5155	0	5155
15.35.44	5354	0	5354
16:00	5275	0	5275
17:00	5091	0	5091
18:00	4856	44	4900
19:00	4929	25	4954
20:00	4976	0	4976
21:00	4851	0	4851
22:00	4921	0	4921
23:00	5112	0	5112
24:00	5018	0	5018
Total (IN MUS)			



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING SEPTEMBER 2015 – 16.09.2015 – 113.556 Mus

All figures in MW

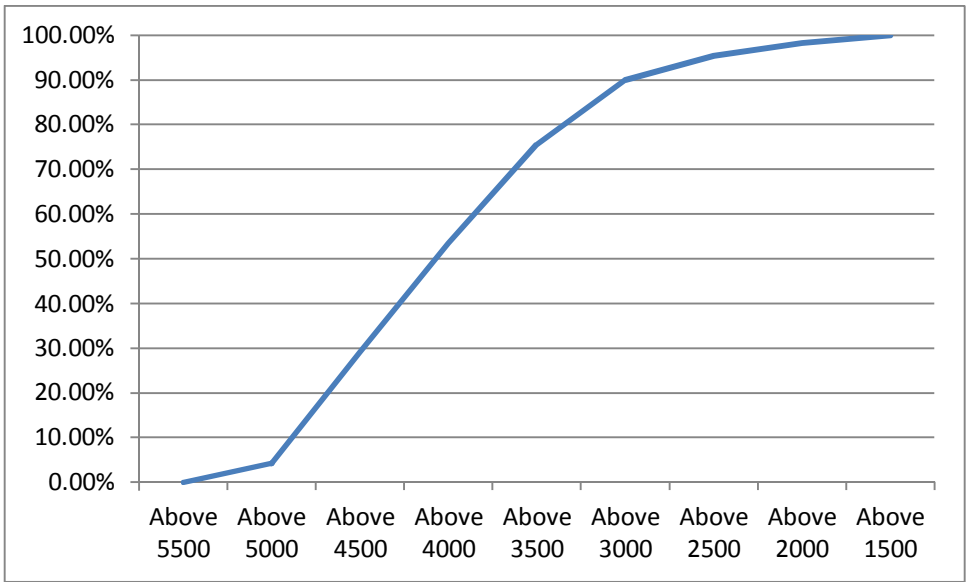
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4841	62	4903
02:00	4680	1	4681
03:00	4437	1	4438
04:00	4272	1	4273
05:00	4064	0	4064
06:00	3920	0	3920
07:00	3779	0	3779
08:00	3810	0	3810
09:00	3983	0	3983
10:00	4569	0	4569
11:00	4705	2	4707
12:00	4866	0	4866
13:00	4858	0	4858
14:00	5007	27	5034
15:00	5155	0	5155
15.35.44	5354	0	5354
16:00	5275	0	5275
17:00	5091	0	5091
18:00	4856	44	4900
19:00	4929	25	4954
20:00	4976	0	4976
21:00	4851	0	4851
22:00	4921	0	4921
23:00	5112	0	5112
24:00	5018	0	5018
Total (IN MUS)			



14 LOAD DURATION CURVE FOR SEPTEMBER 2015

Load in MW	Percentage of Time
Above 5500	00.00%
Above 5000	4.23%
Above 4500	29.08%
Above 4000	53.49%
Above 3500	75.47%
Above 3000	89.96%
Above 2500	95.36%
Above 2000	98.19%
Above 1500	100.00%

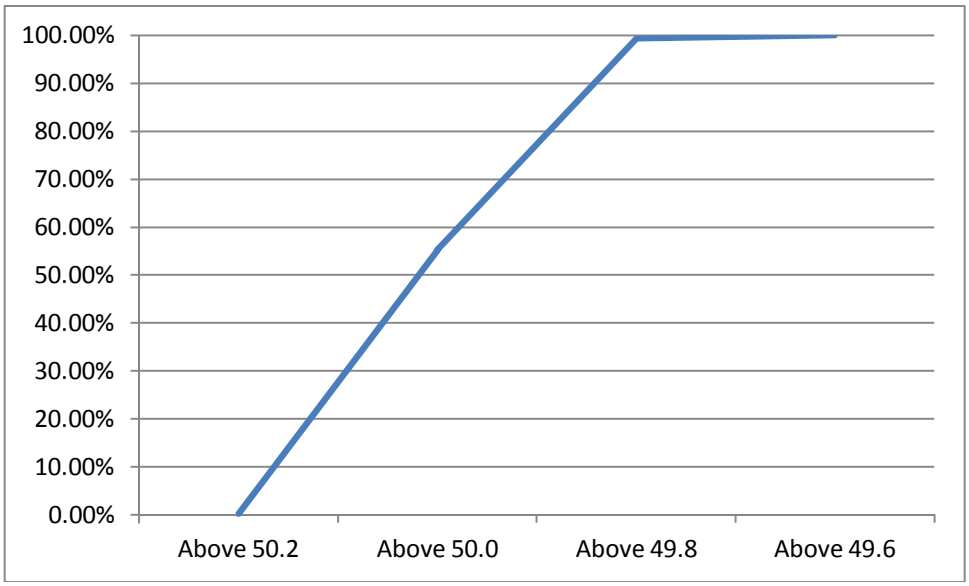
LOAD DURATION CURVE



15 FREQUENCY ANALYSIS FOR THE MONTH OF SEPTEMBER 2015

Frequency Range in Hz.	Percentage of time
Above 50.2	0.21%
Above 50.0	55.21%
Above 49.8	99.34%
Above 49.6	100.00%

FREQUENCY RESPONSE CURVE



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.Sep.15	222.85	215.12	219.44	191.9
02.Sep.15	220.15	211.12	207.64	191.39
03.Sep.15	214.08	214.08	210.09	192.16
04.Sep.15	214.08	214.08	212.67	190.22
05.Sep.15	214.08	214.08	199.77	199.77
06.Sep.15	214.08	214.08	199.77	199.77
07.Sep.15	220.40	214.08	208.67	189.58
08.Sep.15	215.37	215.37	207.51	190.61
09.Sep.15	215.37	215.37	207.51	189.58
10.Sep.15	220.15	211.38	210.47	190.48
11.Sep.15	223.11	210.60	206.22	189.84
12.Sep.15	223.50	211.12	206.99	189.84
13.Sep.15	224.01	212.15	216.28	195.9
14.Sep.15	222.98	209.96	212.79	195.38
15.Sep.15	222.98	211.25	212.79	193.45
16.Sep.15	224.92	214.76	211.50	194.09
17.Sep.15	226.34	--	206.99	194.35
18.Sep.15	224.14	213.83	206.73	193.84
19.Sep.15	225.95	214.47	214.73	196.67
20.Sep.15	227.24	218.21	214.73	201.57
21.Sep.15	226.72	216.41	210.86	196.03
22.Sep.15	228.66	215.63	210.86	195.90
23.Sep.15	228.14	214.60	213.95	195.00
24.Sep.15	226.85	213.70	211.38	195.00
25.Sep.15	228.92	216.02	210.60	198.87
26.Sep.15	228.01	211.50	213.95	197.58
27.Sep.15	228.01	216.28	213.18	197.96
28.Sep.15	226.08	213.18	213.18	197.06
29.Sep.15	226.85	214.47	212.02	192.68
30.Sep.15	229.30	214.08	211.50	193.06

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.Sep.15	408.01	06.02.11	386.90	23.07	397.23
02.Sep.15	408.71	06.05.55	390.19	10.56	398.35
03.Sep.15	408.01	06.01.39	387.84	14.37	397.15
04.Sep.15	410.12	06.02.43	387.67	15.31	397.93
05.Sep.15	411.06	18.05.04	392.76	00.06	400.53
06.Sep.15	412.46	06.03.12	394.88	00.34	403.38
07.Sep.15	411.29	06.03.47	392.06	19.23	399.48
08.Sep.15	411.99	06.01.10	391.12	10.14	399.80
09.Sep.15	408.01	06.01.06	388.78	14.21	397.33
10.Sep.15	408.01	06.00.48	386.43	11.24	397.20
11.Sep.15	408.71	06.01.52	385.03	14.51	396.44
12.Sep.15	410.35	06.03.47	388.78	23.18	398.44
13.Sep.15	412.70	06.02.21	392.06	00.03	402.76
14.Sep.15	410.35	06.03.05	388.78	14.43	399.40
15.Sep.15	412.23	08.02.29	391.12	14.50	401.17
16.Sep.15	410.82	08.00.54	389.95	14.19	401.06
17.Sep.15	412.46	08.02.08	394.64	11.48	402.43
18.Sep.15	411.06	18.01.44	394.64	11.29	402.79
19.Sep.15	416.92	04.02.35	395.81	14.20	406.55
20.Sep.15	418.09	17.03.03	402.61	00.03	410.35
21.Sep.15	416.21	04.02.53	394.88	14.54	406.22
22.Sep.15	417.15	06.03.38	396.99	14.44	406.87
23.Sep.15	418.32	04.01.42	393.94	19.09	406.36
24.Sep.15	417.15	04.01.15	393.23	18.48	405.81
25.Sep.15	420.67	04.02.00	395.81	18.54	407.98
26.Sep.15	420.20	04.04.00	389.25	18.50	403.79
27.Sep.15	418.32	04.01.00	397.92	18.54	407.54
28.Sep.15	415.74	04.02.00	393.23	11.41	403.43
29.Sep.15	417.86	04.00.00	392.06	12.22	404.30
30.Sep.15	419.03	03.02.00	390.19	18.41	404.88

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Sep.15	411.99	06.02.11	394.41	22.07	402.21
02.Sep.15	411.29	06.05.59	394.64	12.13	402.39
03.Sep.15	411.06	06.04.03	394.88	12.16	402.51
04.Sep.15	413.17	06.01.46	396.28	12.17	403.57
05.Sep.15	416.21	18.06.16	399.57	00.06	406.01
06.Sep.15	415.74	06.02.25	400.74	00.33	407.87
07.Sep.15	414.81	06.03.55	397.22	19.22	404.92
08.Sep.15	416.21	05.59.49	396.75	19.15	404.58
09.Sep.15	412.70	06.01.04	--	--17.29	282.74
10.Sep.15	413.17	06.01.54	--	--00.16	382.35
11.Sep.15	413.87	06.02.16	394.64	19.14	403.57
12.Sep.15	413.87	06.07.29	397.92	12.23	406.14
13.Sep.15	418.56	06.02.22	400.50	23.33	409.70
14.Sep.15	416.21	06.05.15	397.45	14.41	406.95
15.Sep.15	417.15	06.02.22	399.80	14.51	408.66
16.Sep.15	417.86	18.01.29	399.10	14.19	409.01
17.Sep.15	419.50	06.00.58	401.91	11.48	410.49
18.Sep.15	419.03	18.01.30	403.08	11.32	410.90
19.Sep.15	424.42	04.03.08	403.79	14.20	414.05
20.Sep.15	426.30	16.25.09	407.77	01.00	410.62
21.Sep.15	423.25	06.01.18	403.32	14.54	413.61
22.Sep.15	424.19	06.03.17	407.77	12.17	415.54
23.Sep.15	426.77	04.01.35	401.44	19.09	415.08
24.Sep.15	424.19	04.06.24	400.74	18.48	413.23
25.Sep.15	426.77	04.02.00	402.85	18.52	415.14
26.Sep.15	426.53	04.02.00	396.75	18.50	410.81
27.Sep.15	424.89	04.01.00	402.85	18.54	413.79
28.Sep.15	422.78	04.01.00	399.80	11.40	410.23
29.Sep.15	424.89	03.32.00	397.92	18.42	410.53
30.Sep.15	424.42	03.02.00	397.22	18.41	410.84

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 SEPTEMBER 2015

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	1.9.15	16:06	220KV WAZIRABAD - MANDOLA CKT-IV	1.9.15	18:04	AT MANDOLA CKT. TRIPPED ON DIST PROT, ZONE-II DIST 13.28Kms., B PHASE AT WAZIRABAD SUPPLY FAIL
2	1.9.15	16:06	220KV WAZIRABAD - MANDOLA CKT-I	1.9.15	16:37	AT MANDOLA CKT. TRIPPED ON DIST PROT, ZONE-II DIST 17.06Kms., R PHASE AT WAZIRABAD SUPPLY FAIL
3	1.9.15	16:06	220KV WAZIRABAD - MANDOLA CKT-II	1.9.15	16:43	AT MANDOLA CKT. TRIPPED ON DIST PROT, ZONE-II DIST 17.18Kms., B PHASE AT WAZIRABAD SUPPLY FAIL
4	1.9.15	16:06	220KV WAZIRABAD - MANDOLA CKT-III	1.9.15	16:48	AT MANDOLA CKT. TRIPPED ON DIST PROT, ZONE-II DIST 16.97Kms., B PHASE AT WAZIRABAD SUPPLY FAIL
5	2.9.15	19:02	220kV PRAGATI - SARITA VIHAR CKT	2.9.15	19:37	AT PRAGATI CKT TRIPPED ON D/P,Z-1,DIST-7.417KM. AT SARITA VIHAR CKT TRIPPED ON D/P,Z-1,DIST-2.967KM,A/R, 186A&B.
6	2.9.15	23:40	220kV MUNDKA-NAJAFGARH CKT-I	2.9.15	23:49	AT MUNDKA CKT TRIPPED ON 86LO,86A,A/R. NO TRIPPING AT NAJAFGARH.
7	3.9.15	15:35	PEERA GARHI 220/33kV 100MVA Tx-II	3.9.15	16:07	33KV I/C-2 TRIPPED ON 86A & B.
8	4.9.15	12:24	400kV Bawana-Mundka Ckt-II	4.9.15	12:35	AT BAWANA CKT. TRIPPED ON 186, CVT AVAILABLE AT MUNDKA NO TRIPPING
9	4.9.15	21:20	KANJHAWALA 220/66kV 100MVA Tx-II	5.9.15	10:30	TX MADE OFF DUE TO PROBLEM IN CB COMPRESSOR.
10	6.9.15	11:53	220kV NARELA - MANDOLA CKT-I	6.9.15	12:10	OPERATION OF SPS AT MANDOLA.
11	6.9.15	11:53	220kV GOPALPUR- MANDOLACKT-II	6.9.15	12:08	OPERATION OF SPS AT MANDOLA.
12	6.9.15	11:53	220kV NARELA - MANDOLA CKT-II	6.9.15	12:10	OPERATION OF SPS AT MANDOLA.
13	6.9.15	11:53	220kV GOPALPUR- MANDOLACKT-I	6.9.15	12:08	OPERATION OF SPS AT MANDOLA.
14	7.9.15	09:31	ROHINI-II 220/66kV 160MVA Tx-I	7.9.15	11:04	TX TRIPPED ON 86-A&B.
15	7.9.15	21:15	220kV OKHLA - BTPS CKT. - II	8.9.15	18:37	CKT MADE OFF AT BTPS DUE TO FIRE IN BTPS YARD.
16	8.9.15	23:02	PEERA GARHI 220/33kV 100MVA Tx-III	8.9.15	23:10	33KV I/C-3 TRIPPED ON O/C,86-A&B.
17	9.9.15	11:43	220kV GEETA COLONY-PATPARGANJ CKT-I	9.9.15	12:00	AT GEETA COLONY CKT TRIPPED ON ELTS,27RYB,86. NO TRIPPING AT PATPARGANJ.
18	9.9.15	11:43	220kV GEETA COLONY-PATPARGANJ CKT -II	9.9.15	12:06	AT GGETA COLANY CKT TRIPPED ON D/P,Z-1,DIST-1.354KM AND O/C. AT PPG CKT TRIPPED ON D/P,AB&C-PH,186.
19	10.9.15	15:31	400kV Bawana-Mundka Ckt-II	10.9.15	16:10	AT MUNDKA CKT TRIPPED ON 86 A&B, 86 LO A/R. NO TRIPPING AT BAWANA.
20	10.9.15	15:31	400kV Bawana-Mundka Ckt-I	10.9.15	22:31	AT BAWANA CKT TRIPPED ON E/F,186. AT MUNDKA CKT TRIPPED ON D/P,Z-1. R-PH WAVE TRAP JUMPER SNAPPED AT MUNDKA.
21	12.9.15	00:41	LODHI RD 220/33kV 100MVA Tx-II	12.9.15	01:14	33KV I/C-II TRIPPED ON 86A, 86B, 67N, E/F
22	12.9.15	10:35	220kV DIAL- MEHRAULI CKT-II	12.9.15	11:03	AT MEHRAULI CKT. TRIPPED ON REL MAIN-II, B PHASE TRIP,ZONE-I AT DIAL, TRIP R PHASE, DIST PROT, ZONE-I, DISTANCE 5.485KMS.
23	12.9.15	10:35	220kV DIAL- MEHRAULI CKT-I	12.9.15	11:05	AT MEHRAULI CKT TRIPPED ON REL, R PHASE FAULTY, RED MAIN -I, RYB MAIN -II R TRIP AT DIAL C-N, L OPHASE, D/P ZONE-I, DISTANCE 6.2KMS.
24	12.9.15	11:43	MUNDKA 400/220kV 315MVA ICT-II	12.9.15	18:05	ICT TRIPPED ON 86 A&B, I/C-II TRIPPED ON GREB , 86
25	12.9.15	11:50	220kV MUNDKA-NAJAFGARH CKT-I	12.9.15	13:14	AT NAJAFGARH NO TRIPPING AT MUNDKA CKT. TRIPPED ON AUTO RECLOSE, RYB PHASE, 86LO,
26	12.9.15	16:18	KANJHAWALA 66/11kV, 20MVA Tx-I	13.9.15	12:22	TX CAUGHT FIRE.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
27	12.9.15	16:18	KANJHAWALA 220/66kV 100MVA Tx-I	12.9.15	16:31	20MVA TX-1 CAUGHT FIRE. 100MVA TX-1 MADE OFF AS A SAFETY MEASURE.
28	12.9.15	17:20	220KV WAZIRABAD - MANDOLA CKT-I	12.9.15	17:43	AT WAZIRABAD CKT TRIPPED ON D/P,Z-1,DIST-3.8KM. AT MANDOLA CKT TRIPPED ON D/P,Z-1,DIST-9KM.
29	13.9.15	00:42	PAPPANKALAN-I 220/66kV 100MVA Tx-I	13.9.15	16:55	TX TRIPPED ON 30CD BUCHHOLZ ALARM,86A & B
30	13.9.15	12:53	PRAGATI 220/66kV 160MVA Tx-II	13.9.15	13:55	TR. TRIPPED ON REF, HV SIDE, 86, 86, TR. TRIPPED WHILE EXTENDING THE SUPPLY BY CLOSING 220KV BUS COUPLER AT 220KV PRAGATI
31	13.9.15	12:50	220kV GEETA COLONY-PATPARGANJ CKT-I	13.9.15	13:20	AT GEETA COLONY CKT. TRIPPED ON DIST PROT, ZONE-I, DIST 2.66KM, O/C AT PATPARGANJ 186, 186, ZONE-I, DIST. 2.226KM.
32	13.9.15	12:50	220kV GEETA COLONY-PATPARGANJ CKT -II	13.9.15	13:50	AT GEETA COLONY : A PHASE, ABC, O/C, POLE DISCRIPENCY AT PATPARGANJ : SUPPLY FAIL
33	13.9.15	18:32	220kV MAHARANI BAGH - LODHI ROAD CKT-I	13.9.15	19:33	AT MAHARANI BAGH CKT. TRIPPED ON ZON-2, 3, RYB PHASE, DIST 1.35KM AT LOADHI ROAD NO TRIPPING
34	14.9.15	13:05	BAMNAULI 400/220kV 500MVA ICT-II	14.9.15	13:56	ICT TRIPPED ON 186A&B
35	15.9.15	08:01	LODHI RD 220/33kV 100MVA Tx-II	15.9.15	15:58	TR. TRIPPED ON CB POLE DISCRIPENCY
36	15.9.15	11:14	220kV DIAL- MEHRAULI CKT-II	15.9.15	15:27	AT DIAL CKT. TRIP ON ZONE-I, B PHASE FAULT AT MEHRAULI CKT. TRIPPED ON ACTIVE GROUP -I, 186, ZONE-I, DISTANCE 6.71KMS.
37	15.9.15	13:51	220KV BAWANA-SHALIMARBAGH CKT-II	15.9.15	14:23	AT BAWANA CKT TRIPPED ON 67N,186A&B. CKT DID NOT TRIP AT SHALIMARBAGH.
38	15.9.15	13:51	220KVBAWANA- ROHINI CKT-II	15.9.15	18:20	AT BAWANA CKT TRIPPED ON D/P,Z-1,Y-PH,186A&B. Y-PH CONDUCTOR OF THE CKT BROKEN AND FALL ON B-PH OF THE CKT AT TOWER NO-1. CKT DID NOT TRIP AT ROHINI.
39	16.9.15	13:13	220kV PRAGATI - SARITA VIHAR CKT	16.9.15	15:41	AT PRAGATI CKT. TRIPPED ON ACTIVE GROUP -I, DIST TRIP, ZONE-I, DISTANCE 4.421KM AT SARITA VIHAR CKT. TRIPPED ON ABC PHASE, 186A, 186B, ZONE-I, DISTANCE 7.087KMS.
40	16.9.15	16:05	220 KV TRAUMA CENTER-RIDGE VALLEY CKT-1	16.9.15	16:26	TRIPPED WITHOUT INDICATION
41	16.9.15	16:05	220 KV TRAUMA CENTER-RIDGE VALLEY CKT-2	16.9.15	16:26	TRIPPED WITHOUT INDICATION
42	16.9.15	16:05	RIDGE VALLEY 220/66kV 160MVA Tx-I	16.9.15	16:34	TRIPPED WITHOUT INDICATION
43	17.9.15	07:21	BAWANA 400/220kV 315MVA ICT-III	17.9.15	18:27	ICT TRIPPED ON 195CB
44	17.9.15	12:40	220kV MEHRAULI - BTPS CKT. - II	17.9.15	16:47	AT BTPS E/F, ZONE-I, DIST 14.6KM AT MEHRAULI ZONE-I DIST PROT, DIST 6.692KM
45	17.9.15	15:02	220KVBAWANA- ROHINI CKT-II	17.9.15	19:51	AT BAWANA CKT. TRIPPED ON DIST PROT, ZONE-I, II & III, E/F, 186A&B AT ROHINI NO TRIPPING
46	17.9.15	15:02	BAWANA 400/220kV 315MVA ICT-VI	17.9.15	15:37	TRIPPED ON 86 A & B
47	17.9.15	15:02	BAWANA 400/220kV 315MVA ICT-V	17.9.15	15:37	TRIPPED ON 86 A & B
48	17.9.15	15:02	BAWANA 400/220kV 315MVA ICT-IV	17.9.15	16:45	TRIPPED ON 86 A & B, O/C
49	17.9.15	15:02	BAWANA 400/220kV 315MVA ICT-II	17.9.15	16:35	TRIPPED ON 86 A & B
50	17.9.15	15:02	BAWANA 400/220kV 315MVA ICT-I	17.9.15	16:23	TRIPPED ON 86 A & B, O/C
51	18.9.15	09:33	220KVBAWANA- ROHINI CKT-I	18.9.15	12:49	AT BAWANA : TRIPED ON 67NX, E/F, 186A&B, AT ROHINI SUPPLY FAIL

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
52	18.9.15	09:33	220kV ROHINI-SHALIMARBAGH CKT-I	18.9.15	12:47	AT ROHINI O/C, E/F AT SHALIMARBAGH CKT. TRIPPED ON ZONE-I, 186
53	19.9.15	04:03	400kV Bamnauli-Jhatikara Ckt-I	19.9.15	13:36	AT BAMNAULI CKT. TRIPPED ON DIST PROT, ZONE-I, AT JHATIKRA RN PHASE DIST 15.67KM
54	19.9.15	08:48	KANJHAWALA 66/11kV, 20MVA Tx-II	19.9.15	08:51	TRIPPED ON E/F O/C
55	19.9.15	14:49	220kV MUNDKA-NAJAFGARH CKT-I	19.9.15	14:56	AT MUNDKA CKT. TRIPPED ON RYB PHASE INDICATION AT NJF ONLY SUPPLY FAIL
56	20.9.15	03:25	NARELA 66KV DSIDC CKT-II (A-7 NARELA-II)	20.9.15	03:42	TRIPPED ON ZONE-III & IV, R PHASE
57	20.9.15	11:37	220kV MEHRAULI - BTPS CKT. - I	20.9.15	12:53	AT MEHRAULI CKT. TRIPPED ON ACTIVE GROUP -I, ZONE-1, DIST 13.21KM AT BTPS ZONE-I DIST PROT, DIST 5.6KM
58	20.9.15	11:48	220kV GEETA COLONY-PATPARGANJ CKT -II	20.9.15	13:18	AT GEETA COLONY CKT. TRIPPED ON O/C, ZONE-I, DIST 1.554KM AT PATPARGANJ 86, 186, 186, DIST PROT, DIST 2.8KM
59	20.9.15	11:50	220kV MEHRAULI - BTPS CKT. - II	20.9.15	12:48	AT BTPS CKT. TRIPPED ON ZONE-I, DIST 16.3KM AT MEHRAULI TRIPPED ON DIST PROT, ZONE-I, DIST 5.85KM
60	21.9.15	02:35	NARAINA 33kV SHEKHAWATI CKT-II	21.9.15	12:19	CKT TRIPPED DUE TO LOW GAS PRESSURE IN CB.
61	22.9.15	13:08	220kV ROHINI-SHALIMARBAGH CKT-I	22.9.15	15:58	AT ROHINI CKT TRIPPED ON 67NX,186. CKT DID NOT TRIP AT SHLIMARBAGH.
62	22.9.15	17:40	220KV BAWANA-SHALIMARBAGH CKT-I	22.9.15	18:01	AT BAWANA CKT TRIPPED ON 186 A&B. CKT DID NOT TRIP AT SHALIMARBAGH.
63	22.9.15	17:40	220KV BAWANA-SHALIMARBAGH CKT-II	22.9.15	18:01	AT BAWANA CKT TRIPPED ON 186 A&B. CKT DID NOT TRIP AT SHALIMARBAGH.
64	22.9.15	17:40	BAWANA 400/220kV 315MVA ICT-IV	22.9.15	17:54	220KV I/C-1 OF ICT TRIPPED WITHOUT INDICATION. BUS BAR PROTECTION OPERATED.
65	22.9.15	17:40	BAWANA 400/220kV 315MVA ICT-I	22.9.15	17:53	ICT TRIPPED ON 86 A&B AND 220KV I/C-1 OF ICT TRIPPED WITHOUT INDICATION. BUS BAR PROTECTION OPERATED.
66	23.9.15	23:18	BAWANA 400/220kV 315MVA ICT-II	23.9.15	23:53	ICT TRIPPED ON 86 A&B, 95B,186. 220KV I/C-2 TRIPPED ON CB AUTO TRIP,86.
67	23.9.15	23:18	BAWANA 220/66kV 100MVA Tx	23.9.15	23:52	TX TRIPPED WITHOUT INDICATION.
68	24.9.15	00:05	BAWANA 400/220kV 315MVA ICT-II	24.9.15	00:14	ICT TRIPPED ON CB AUTO TRIP.
69	24.9.15	00:26	BAWANA 400/220kV 315MVA ICT-II	24.9.15	03:53	ICT TRIPPED ON 186 A&B, 95B,186.
70	24.9.15	00:26	BAWANA 220/66kV 100MVA Tx	24.9.15	03:57	TX TRIPPED ON 96.
71	24.9.15	11:20	NARAINA 220/33kV 100MVA Tx-I	24.9.15	13:40	33KV I/C-1 TRIPPED ON E/F,86.
72	24.9.15	18:56	PARKSTREET 220/33kV 100MVA Tx-II	24.9.15	19:14	TX TRIPPED ON OVER FLUX.
73	24.9.15	18:56	220kV PRAGATI - SARITA VIHAR CKT-II	24.9.15	21:48	AT PRAGATI CKT TRIPPED ON D/P,186. CKT DID NOT TRIP AT SARITA VIHAR.
74	24.9.15	18:56	220kV PRAGATI - SARITA VIHAR CKT	24.9.15	21:48	AT PRAGATI CKT TRIPPED ON D/P,Z-1,DIST-8.535 KM,186. CKT DID NOT TRIP AT SARITA VIHAR.
75	24.9.15	18:56	220kV SARITA VIHAR - BTPS CKT.-I	28.9.15	14:35	AT BTPS CKT TRIPPED ON D/P,Z-2,DIST-3 KM. CKT DID NOT TRIP AT SARITA VIHAR.
76	24.9.15	20:43	BAWANA 220/66kV 100MVA Tx	24.9.15	20:58	TX TRIPPED ON 75A.
77	24.9.15	23:50	SARITA VIHAR 220/66kV 100MVA Tx-II	25.9.15	00:10	TX TRIPPED ON POLE DISCREPANCY.
78	26.9.15	18:09	220kV PRAGATI - PARK STREET CKT-II	26.9.15	18:15	CKT. TRIPPED ON BUS BAR PROT.
79	26.9.15	18:09	220kV PRAGATI - PARK STREET CKT-I	26.9.15	18:15	CKT. TRIPPED ON BUS BAR PROT.
80	26.9.15	23:19	BAMNAULI 400/220kV 500MVA ICT-II	27.9.15	09:35	ICT TRIPPED MAIN BREAKER 1652 TRIPPED ON 86A, 86B TIE BREAKER TRIPED ON 186A&B I/C TRIPPED WITHOUT INDICATION

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
81	27.9.15	06:27	GOPALPUR 220/66kV 100MVA Tx-I	27.9.15	16:21	TR. TRIPPED ON HOT POINT ON RYB PHASE HV & LV SIDE
82	27.9.15	15:05	220kV GOPALPUR- MANDOLACKT-I	27.9.15	20:21	AT GOPALPUR CKT. TRIPPED ON DIST PROT, DIST 6.3KM, ZONE-I, RYB PHASE GEN. TRIP AT MANDOLA CKT. TRIPPED ON DIST PROT, R PHASE DIST 21.5KMS, ZONE-II
83	28.9.15	10:37	SHALIMAR BAGH 33kV RANI BAGH CKT-II	28.9.15	11:35	CKT. TRIPPED ON E/F
84	29.9.15	12:50	GAZIPUR 220/66kV 100MVA Tx-I	29.9.15	13:05	I/C TRIPPED ON 86A&B
85	29.9.15	12:50	GAZIPUR 220/66kV 160MVA Tx-I	29.9.15	18:09	TR. TRIPPED ON 50/51N, 86YB, 86, 95, PUMP FAIL, O/C, E/F
86	29.9.15	12:50	GAZIPUR 220/66kV 100MVA Tx-II	29.9.15	13:05	I/C TRIPPED ON 86A&B
87	30.9.15	19:54	BAMNAULI 400/220kV 500MVA ICT-II	30.9.15	21:46	ICT TRIPPED ON 186 A&B, TRIP GROUP-I

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

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
05.09.15	1	09.57	10.00	Subzi Mndi	33kV TRIPOLIA CKT., 11kV Load	FLAT MODE	15