DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

OCTOBER - 2011

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	OCTOBER 2011	OCTOBER 2010
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	73	37
	Total	1513	1477
2	**Maximum Unrestricted Demand (MW)**	**3991**	**3683**
	Date	01.10.2011	07.10.2010
	Time	19.20.56	18.34.17
3	**Peak Demand met (MW)**	**3919**	**3683**
	Date	05.10.2011	07.10.2010
	Time	18.51.07	18.34.17
4	Peak Availability (MW)	4045	4326
5	Shortage (-) / Surplus (+) in MW	(+)126	(+)643
6	Percentage Shortage (-) / Surplus (+)	(+)3.22	(+)17.46
7	Maximum Energy Consume in a day (Mus)	77.204	71.440
8	Energy Consumed during the month	**2029.333**	**1952.657**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	2.961	0.000
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	7.354	0.000
	BRPL	17.186	0.000
	BYPL	5.112	0.000
	NDMC	0.182	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.000	0.000
	Total due to Grid Restriction	**32.795**	**0.000**
B)	Due to Constraints in System in Mus		
	DTL	0.331	0.713
	NDPL	0.317	0.243
	BRPL	0.133	0.482
	BYPL	0.397	0.320
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.054	0.013
	Total	**1.232**	**1.769**
11	**Grand Total in Mus**	**34.026**	**31.769**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING OCTOBER 2011

A) For the month of OCTOBER 2011

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	**RPH**	77.655	9.701	67.954	75.37	--
2.	**GT**	119.472	4.144	115.328	66.71	16.42
3.	**PPCL**	229.947	5.652	224.295	93.65	1.54
4.	**BTPS**	317.010	33.856	283.154	64.38	16.14
5.	**Rithala**	18.608	0.271	18.337	--	0
	TOTAL	**762.692**	**53.624**	**709.068**		**34.1**

B) For the Year 2011-12 (Upto OCTOBER 2011)

Power Station	Effective Capacity (MW)	Net Generation in MUs For OCT 2011	Availability (%) For OCT. 2011	PLF (%) For OCT. 2011	Cumulative Generation in MUs upto OCT. 2011 for the year 2011-12	Cumulative Availability in % upto OCT. 2011 for the year 2011-12	Cumulative PLF in % upto OCT. 2011 for the year 2011-12
RPH	135	67.954	75.37	75.37	486.581	70.80	70.68
GT	270	115.328	66.71	58.28	730.461	73.81	51.91
PPCL	330	224.295	93.65	93.01	1443.963	90.24	84.48
BTPS	705	283.154	64.38	60.87	2550.785	88.87	77.42
Rithala	**73**	18.337	--	--	174.197	--	--
TOTAL	**1513**	**709.068**			**5385.987**		

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2010

(A) RPH STATION

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	**67.5**	11.05.11	20.11	11.05.11	21.28	Flash in yard
		21.05.11	01.53	21.05.11	05.25	Tripped alongwith tripping of associated transmission lines
		22.05.11	23.00	23.05.11	01.55	Boiler flame failure
		31.05.11	12.35	02.06.11	03.03	Condenser tube leakage
		10.06.11	05.40	10.06.11	12.32	UAT abnormality
		10.06.11	12.45	10.06.11	13.00	UAT abnormality
		03.07.11	11.40	06.07.11	17.19	Due to fire in 220/33kV 100MVA Pr. Tr.
		10.07.11	21.30	28.07.11	10.08	Tripped alongwith tripping of associated transmission lines
		30.07.11	14.50	31.07.11	24.00	Moisture in IBT -2
		06.08.11	06.32	08.08.11	01.31	Desynchronization due to moisture in 220kV Pr. Tr.
		15.08.11	14.17	15.08.11	21.20	Stopped due to low demand and high frequency.
		25.08.11	18.07	27.08.11	4.17	Boiler tube leakage
		01.09.11	11.41	01.09.11	12.52	Turbine tripped
		02.09.11	04.22	12.09.11	05.20	Boiler tube leakage
		13.09.11	07.05	13.09.11	09.01	Boiler flame failure
		15.09.11	12.01	15.09.11	13.12	Boiler flame failure
		15.09.11	12.45	16.09.11	00.09	Boiler flame failure
		16.09.11	17.03	18.09.11	17.50	Stopped due to wet coal
		19.09.11	00.10	19.09.11	01.28	Boiler flame failure
		21.09.11	03.46	21.09.11	04.50	Boiler flame failure
		02.10.11	12.33	02.10.11	12.54	High furnance pressure
		04.10.11	18.16	05.10.11	07.53	Leakage in boiler durm
		17.10.11	18.23	17.10.11	20.50	C&I Fault
		19.10.11	09.42	19.10.11	10.40	Furnance pressure high
		19.10.11	13.20	23.10.11	02.08	Boiler tube leakage
		23.10.11	15.58	23.10.11	16.35	Drum level very low

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	**67.5**	03.04.11	23.45	04.04.11	01.40	Turbine shaft vibration high
		28.04.11	06.38	28.04.11	15.27	To attend hot spot on 33kV Breaker
		21.05.11	01.53	21.05.11	07.32	Tripped alongwith tripping of associated transmission lines
		22.05.11	21.14	22.05.11	22.00	FD fan tripping
		26.05.11	12.10	26.05.11	13.00	Low boiler drum level
		31.05.11	23.15	01.06.11	08.12	Condenser tube leakage
		02.06.11	11.07	04.06.11	11.14	Boiler tube leakage
		04.06.11	16.50	04.06.11	17.50	Tripped on jerk
		04.06.11	18.18	04.06.11	20.12	Feed pump problem
		03.07.11	11.40	06.07.11	10.37	Due to fire in 220/33kV 100MVA Pr. Tr.
		10.07.11	13.53	27.07.11	05.10	Due to IBT-I, protection relay operated
		27.07.11	11.38	27.07.11	21.04	Due to tripping of bay no. 17
		30.07.11	14.50	31.07.11	03.45	Moisture in IBT -2
		06.08.11	07.00	08.08.11	00.10	Desynchronization due to moisture in 220kV Pr. Tr.
		15.08.11	14.21	15.08.11	22.00	Stopped due to low demand and high frequency.
		20.08.11	00.31	20.08.11	01.20	Boiler flame failure
		30.08.11	00.24	31.08.11	24.00	Boiler tube leakage
		31.08.11	00.00	01.09.11	08.38	Boiler tube leakage
		10.09.11	00.08	12.09.11	05.00	Coal handling plant problem
		13.09.11	03.50	13.09.11	05.00	Electrical fault
		25.09.11	10.57	25.09.11	11.30	Turbine vibration
		30.09.11	22.14	03.10.11	06.00	Boiler tube leakage

(B) Gas Turbine

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	30	01.04.11	00.00	11.04.11	20.25	Machine stopped as generation available in open cycle mode
		12.04.11	00.02	12.04.11	18.25	
		16.04.11	17.17	17.04.11	10.15	
		17.04.11	17.02	22.04.11	11.10	Machine stopped due to low demand
		30.04.11	12.20	05.05.11	00.45	Machine stopped as generation available in open cycle mode
		15.05.11	06.15	16.05.11	23.50	
		17.05.11	08.37	17.05.11	17.29	Machine stopped as generation available on spot RLNG
		21.05.11	12.13	21.05.11	16.36	Stopped due to low demand and high frequency.
		02.06.11	09.32	03.06.11	10.25	
		08.06.11	20.35	09.06.11	00.34	Electrical trouble
		17.06.11	01.02	18.06.11	01.22	Machine stopped as generation available in open cycle mode
		19.06.11	07.04	21.06.11	03.05	
		26.06.11	12.20	27.06.11	11.26	Stopped due to low demand and high frequency.
		30.06.11	11.50	02.07.11	20.29	
		08.07.11	23.05	10.07.11	16.42	
		07.08.11	21.40	17.08.11	11.40	Machine stopped as generation available on spot RLNG
		20.08.11	12.20	20.08.11	22.00	Machine stopped as per SLDC message to maintain only 109 MW
		20.08.11	22.00	21.085.11	18.30	Machine is not available due to problem in Excitation
		21.08.11	18.30	22.08.11	15.58	Machine stopped as generation available on spot RLNG
		23.08.11	14.15	25.08.11	12.40	
		31.08.11	14.32	31.08.11	15.36	Stopped to attend lube oil leakage
		03.09.11	09.02	03.09.11	10.30	Stopped due to low demand and high frequency.
		03.09.11	13.05	03.09.11	13.35	Machine tripped as Bus differential relay on BB-3 & 4 operated.
		04.09.11	02.47	06.09.11	17.20	Stopped due to low demand and high frequency.
		11.09.11	22.05	14.09.11	20.36	Machine stopped as generation available on spot RLNG
		15.09.11	01.14	19.09.11	11.55	Machine stopped as generation available on spot open cycle mode
		20.09.11	01.15	20.09.11	13.40	
		21.09.11	01.32	21.09.11	17.16	
		22.09.11	00.02	22.09.11	08.42	
		23.09.11	00.35	24.09.11	10.47	
		25.09.11	00.02	26.09.11	10.10	
		27.09.11	00.20	27.09.11	08.40	
		27.09.11	15.15	27.09.11	15.25	Machine came on FSNL during checking of Bus Coupler differential trippings, Differential relay on BB-3 & 4 operated .
		28.09.11	01.10	28.09.11	08.52	Machine stopped as generation available on spot open cycle mode
		29.09.11	02.10	29.09.11	10.57	
		30.09.11	00.12	30.09.11	10.20	
		30.09.11	23.50	01.10.11	19.38	
		01.10.11	23.04	03.10.11	10.45	
		03.10.11	23.59	04.10.11	10.54	
		08.10.11	23.59	09.10.11	08.37	Machine stopped due to swapping of gas to PPCL
		25.10.11	00.50	25.10.11	05.58	Machine stopped as generation available on spot RLNG
		25.10.11	07.45	25.10.11	10.17	Machine tripped on rotating diode earth fault

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	01.04.11	00.00	11.04.11	21.37	Machine stopped as generation is available in open cycle mode.
		12.04.11	00.02	12.04.11	20.27	
		12.04.11	21.00	21.04.11	12.48	
		24.04.11	23.35	25.04.11	05.20	Machine tripped on high vibration
		30.04.11	18.15	05.05.11	19.45	Due to swapping of gas to PPCL.
		13.05.11	16.02	13.05.11	18.10	High exhaust temp spread.
		15.05.11	06.18	15.05.11	21.35	Stopped due to low demand and high frequency.
		21.05.11	12.13	21.05.11	12.55	
		15.06.11	07.35	15.06.11	08.25	Loss of flame
		15.06.11	17.40	15.06.11	18.40	Loss of flame
		15.06.11	22.10	16.06.11	03.22	Loss of flame
		18.06.11	02.02	20.06.11	17.35	Machine stopped as generation available in open cycle mode
		02.07.11	21.12	03.07.11	16.10	
		08.07.11	23.02	10.07.11	19.27	
		06.08.11	00.05	07.08.11	15.50	Machine stopped as generation available on spot RLNG
		07.08.11	23.10	16.08.11	12.20	
		17.08.11	14.30	17.08.11	19.00	
		03.09.11	11.05	03.09.11	17.05	Machine stopped as generation available on spot RLNG
		11.09.11	22.05	12.09.11	21.58	
		13.09.11	00.02	14.09.11	17.45	
		15.09.11	01.04	19.09.11	11.56	Machine stopped as generation available in open cycle mode
		20.09.11	01.15	20.09.11	13.14	
		21.09.11	01.32	21.09.11	17.20	
		22.09.11	00.02	22.09.11	08.27	
		23.09.11	01.02	24.09.11	10.40	
		25.09.11	00.02	26.09.11	09.45	
		27.09.11	00.10	27.09.11	08.48	
		28.09.11	01.05	28.09.11	08.40	
		29.09.11	02.02	29.09.11	10.55	
		30.09.11	00.12	30.09.11	10.20	
		30.09.11	23.50	01.10.11	19.10	
		01.10.11	23.06	03.10.11	10.50	
		03.10.11	23.59	04.10.11	10.50	
		16.10.11	13.03	16.10.11	07.12	Tripped on condensate level high trip alarm & reverse power on protection panel

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	11.04.11	11.25	11.04.11	20.41	Due to failure of Auxiliary supply.
		12.04.11	00.02	12.04.11	18.35	Machine stopped as generation available on open cycle mode
		12.04.11	21.10	13.04.11	09.40	
		16.04.11	03.50	17.04.11	21.27	
		19.04.11	00.02	19.04.11	05.52	Due to low demand and high frequency.
		20.04.11	00.02	20.04.11	05.52	
		28.04.11	02.05	28.04.11	13.55	Due to swapping of gas to PPCL.
		04.05.11	01.32	04.05.11	11.50	Machine stopped as generation available on spot RLNG
		08.05.11	03.16	08.05.11	22.44	Stopped due to low demand and high frequency.
		09.05.11	21.45	10.05.11	15.37	
		10.05.11	15.37	10.05.11	20.15	Electrical trouble
		10.05.11	20.15	11.05.11	16.20	Machine stopped as generation available on spot RLNG
		12.05.11	00.05	12.05.11	10.11	
		17.05.11	18.15	17.05.11	23.59	
		18.05.11	00.00	27.07.11	00.00	Start command executed but smoke observed from the Diesel Engine
		27.07.11	00.00	27.07.11	12.25	Machine stopped as generation available on spot RLNG
		27.07.11	19.02	28.07.11	15.00	
		28.07.11	21.35	29.07.11	12.00	
		29.07.11	16.40	30.07.11	01.37	
		30.07.11	02.10	30.07.11	13.02	Machine started for making the drum per 10Kg/cm sq. for passivation of boiler #3
		30.07.11	14.10	30.07.11	23.32	Machine stopped as generation available on spot RLNG
		30.07.11	23.58	31.07.11	23.59	
		01.08.11	19.50	03.08.11	11.01	
		13.08.11	05.35	16.08.11	05.20	
		17.08.11	20.10	18.08.11	10.45	
		18.08.11	12.32	18.08.11	17.32	
		25.08.11	14.15	26.08.11	12.20	
		03.09.11	09.05	09.09.11	19.35	Machine stopped as generation available on spot RLNG
		21.09.11	05.02	21.09.11	13.43	Machine stopped as generation available on open cycle mode.
		27.09.11	15.15	27.09.11	15.58	Machine tripped during checking of Bus Coupler differential trippings, Differential relay on BB-3 & 4 operated .
		27.10.11	15.15	31.10.11	07.12	Stopped due to low demand and high frequency.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	**30**	11.04.11	11.25	11.04.11	20.00	Due to failure of Auxiliary supply.
		12.04.11	19.45	12.04.11	20.35	Machine came on FSNL
		13.04.11	09.14	14.04.11	00.45	Machine stopped as generation available on open cycle mode
		16.04.11	10.05	17.04.11	12.50	Stopped due to low demand and high frequency.
		21.05.11	04.00	23.05.11	10.37	
		23.05.11	14.25	26.05.11	14.42	Machine stopped as generation available on spot RLNG
		26.05.11	18.24	30.05.11	16.05	
		02.06.11	09.35	03.06.11	10.50	Stopped due to low demand and high frequency.
		03.06.11	11.15	06.06.11	10.40	
		22.06.11	18.02	23.06.11	02.57	Machine stopped as generation available in open cycle mode
		16.07.11	14.20	31.07.11	23.59	Machine stopped as generation available on spot RLNG
		01.08.11	00.00	05.08.11	12.17	
		11.08.11	06.58	11.08.11	09.05	Machine tripped on loss of flame
		12.08.11	04.40	12.08.11	05.35	Machine tripped on high TAD
		12.08.11	06.52	12.08.11	15.40	Tripped without any alarm in control room
		15.08.11	10.42	16.08.11	06.15	Machine stopped as generation available on spot RLNG.
		16.08.11	15.31	16.08.11	20.28	
		16.08.11	23.50	21.08.11	00.55	
		21.08.11	08.15	27.08.11	23.59	Machine stopped as there was low demand
		03.09.11	13.05	03.09.11	13.40	Machine tripped as Bus differential relay on BB-3 & 4 operated.
		03.09.11	14.10	09.09.11	19.50	Machine stopped as generation available on spot RLNG
		16.09.11	09.13	16.09.11	11.34	Machine tripped on exhaust over temp high
		16.09.11	15.35	16.09.11	17.08	Due to problem of AC supply the Battery voltage came down to 111 Volt. Machine stopped as per request from C&I division.
		21.09.11	14.23	21.09.11	21.27	Machine stopped as generation available on open cycle mode
		24.10.11	06.00	24.10.11	11.40	Machine stopped as generation available on spot RLNG
		25.10.11	00.52	25.10.11	05.55	
		25.10.11	19.20	26.10.11	17.55	
		27.10.11	15.15	31.10.11	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	11.04.11	11.25	11.04.11	12.55	Due to failure of Auxiliary supply.
		11.04.11	14.25	11.04.11	14.55	Due to failure of Auxiliary supply.
		12.04.11	17.42	16.04.11	17.15	Machine stopped as generation available on open cycle mode
		17.04.11	14.32	18.04.11	20.17	Due to low demand and high frequency.
		21.04.11	22.45	30.04.11	17.24	
		03.05.11	04.01	03.05.11	14.40	Machine stopped as generation available on spot RLNG
		04.05.11	01.35	04.05.11	12.40	
		05.05.11	11.05	05.05.11	11.50	
		05.06.11	19.16	05.07.11	19.25	
		07.05.11	21.35	08.05.11	21.45	
		13.05.11	01.05	13.05.11	05.50	Machine stopped as generation available in open cycle mode
		13.05.11	18.30	15.05.11	18.28	Machine stopped as generation available on spot RLNG
		20.05.11	01.17	20.05.11	13.35	
		21.05.11	10.55	23.05.11	19.15	Due to low demand and high freq.
		31.05.11	00.05	31.05.11	16.13	Machine stopped as generation available in open cycle mode
		31.05.11	23.02	03.06.11	10.15	
		05.06.11	08.04	05.06.11	12.28	Machine tripped on high exhaust temperature trip
		07.06.11	14.58	07.06.11	16.28	
		14.06.11	03.46	15.06.11	19.45	Machine stopped as generation available in open cycle mode
		15.06.11	22.03	16.06.11	01.14	
		16.06.11	05.17	16.06.11	11.44	Machine tripped on high vibration
		16.06.11	20.02	16.06.11	22.50	Electrical trouble
		16.06.11	23.50	17.06.11	00.15	Machine came on FSNL while changing the faulty u/v relay
		26.06.11	09.02	03.07.11	16.18	Due to low demand and high freq
		07.07.11	14.55	16.07.11	13.15	Machine stopped as generation available on spot RLNG
		07.08.11	00.02	08.08.11	00.10	
		15.08.11	10.42	16.08.11	06.15	
		16.08.11	15.31	16.08.11	20.28	
		16.08.11	23.50	21.08.11	00.55	
		21.08.11	08.15	21.08.11	11.25	
		21.08.11	14.02	31.08.11	23.59	
		01.09.11	17.38	02.09.11	21.50	. Machine stopped as generation available on spot RLNG
		03.09.11	13.05	03.09.11	13.45	Machine tripped as Bus differential relay on BB-3 & 4 operated.
		04.09.11	02.50	14.09.11	18.30	Machine is stopped due to low demand and high freq
		14.09.11	18.30	29.10.11	22.45	machine taken under shut down for turbine rotor replacement
		30.10.11	01.50	31.10.11	11.38	Machine stopped as generation available in open cycle mode

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
6	30	11.04.11	11.25	11.04.11	13.20	Due to failure of Auxiliary supply.
		11.04.11	14.25	11.04.11	20.55	Due to failure of Auxiliary supply.
		12.04.11	00.02	12.04.11	17.40	Machine stopped as generation available on open cycle mode
		12.04.11	18.37	16.04.11	12.20	Due to low demand and high frequency
		17.04.11	21.56	18.04.11	19.55	
		19.04.11	00.02	19.04.11	05.55	
		20.04.11	00.02	20.04.11	05.42	
		22.04.11	12.18	24.04.11	11.45	Machine stopped as generation available on Spot RLNG
		24.04.11	16.10	26.04.11	21.20	Due to low demand and high frequency
		27.04.11	00.05	30.04.11	12.12	
		07.05.11	03.40	07.05.11	11.02	
		08.05.11	22.02	09.05.11	21.25	Machine stopped as generation available on spot RLNG
		12.05.11	10.51	12.05.11	15.18	
		13.05.11	00.05	13.05.11	18.33	
		21.05.11	18.30	23.05.11	10.55	Stopped due to low demand and high frequency.
		26.06.11	09.02	04.07.11	11.00	
		04.07.11	15.15	05.07.11	11.00	Machine stopped as generation available on spot RLNG
		15.07.11	23.05	20.07.11	12.50	Due to low demand and high frequency
		23.07.11	02.17	23.07.11	03.27	Machine tripped on loss of flame
		24.07.11	04.15	25.07.11	09.17	Due to low demand and high frequency
		03.08.11	15.25	03.08.11	20.20	Machine stopped as generation available on spot RLNG
		05.08.11	02.01	05.08.11	20.58	
		17.08.11	04.02	20.08.11	22.10	
		22.08.11	16.30	23.08.11	11.30	
		24.08.11	01.50	31.08.11	23.59	
		01.09.11	17.48	02.09.11	21.40	Machine stopped as generation available on spot RLNG
		03.09.11	13.05	03.09.11	13.45	Machine tripped as Bus differential relay on BB-3 & 4 operated.
		06.09.11	18.35	11.09.11	18.25	Stopped due to low demand and high frequency.
		21.09.11	18.40	23.09.11	00.27	Machine tripped due to blowing of fuse of Mark-Vi.
		27.09.11	15.15	27.09.11	15.30	Machine came on FSNL during checking of Bus Coupler differential trippings, Differential relay on BB-3 & 4 operated .
		01.10.11	17.30	01.10.11	22.02	Tripped with STG#3 Generater breaker trip battery voltage ground alarm
		20.10.11	20.16	21.10.11	15.10	Tripped on communication link failed with any of IO pack & loss of flame
		31.10.11	10.32	31.10.11	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 1	30	01.04.11	00.00	16.04.11	00.40	To attend miscellaneous problems
		16.04.11	11.10	17.04.11	14.27	Machine stopped attend leakage.
		17.04.11	17.02	21.04.11	20.58	Machine stopped due to low demand
		23.04.11	06.32	23.04.11	11.10	Problem in 24 Volt DC supply.
		30.04.11	00.52	30.04.11	02.56	Machine stopped due to low demand Machine tripped and following relay operated
		30.04.11	18.15	05.05.11	05.05	
		05.05.11	23.35	06.05.11	02.28	
		07.05.11	01.45	07.05.11	03.40	
		10.05.11	13.50	10.05.11	17.40	Low vacuum
		15.05.11	06.20	15.05.11	22.54	To attend various leakages
		21.05.11	09.50	21.05.11	14.05	Tripped on Ch-I &II
		21.05.11	16.22	21.05.11	17.35	Machine tripped on low vacuum.
		30.05.11	09.20	30.05.11	11.05	Machine tripped on low vacuum.
		07.06.11	02.43	07.06.11	05.20	Tripped on Ch-I &II
		19.06.11	07.04	21.06.11	02.10	To attend various leakages
		21.06.11	15.58	21.06.11	16.59	To attend various leakages
		08.07.11	23.05	10.07.11	19.34	Due to low demand and high frequency
		26.07.11	13.50	26.07.11	15.01	Machine tripped on flase alarm of Shaft Vibratrion V. high and Housing vibration v.high
		26.07.11	15.20	26.07.11	16.46	Machine tripped on flase alarm of Shaft Vibratrion V. high and Housing vibration v.high
		29.07.11	15.55	29.07.11	17.31	Machine tripped mannualy as the vaccum dropped upto -0.40 kg/cm2 due to tripping of BFP-1A as another BFP-1B was under preventive maintenance
		29.07.11	17.42	29.07.11	18.11	Machine tripped on hot well level high
		07.08.11	18.58	15.08.11	00.00	Machine tripped due to problem in Control valve and boxed up for further inspection as directed by Mech division
		15.08.11	00.00	16.08.11	15.20	Machine not taken on bar due to low demand
		03.09.11	13.05	03.09.11	14.40	Machine tripped as Bus differential relay on BB-3 & 4 operated.
		11.09.11	17.25	14.10.11	05.10	Machine tripped on Generator shaft vibration v. high. Machine boxed for further inspection of generator Rotor & Excitor. After examining the parameters of Generator Rotor it was decided to replace it with new Rotor

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG2	30	11.04.11	10.40	17.04.11	16.20	Low vacuum
		21.05.11	04.00	23.05.11	11.00	Machine stopped due to low demand
		23.05.11	11.00	25.05.11	12.59	Machine tripped on Rotor earth fault
		24.05.11	13.00	26.05.11	18.20	Machine stopped as generation available on spot RLNG
		26.05.11	18.24	30.05.11	20.25	
		02.06.11	09.36	06.06.11	10.40	Machine stopped due to low demand & high frequency
		19.06.11	15.05	19.06.11	20.00	Low vacuum
		22.06.11	18.02	23.06.11	04.25	To attend various leakages
		28.06.11	16.03	28.06.11	17.53	Tripped on Ch-I &II
		16.07.11	14.20	03.08.11	14.45	Machine stopped as generation available on spot RLNG
		14.08.11	11.36	16.08.11	07.50	
		03.09.11	03.20	03.09.11	04.25	Machine stopped for replacement of speed pick up
		03.09.11	13.05	03.09.11	14.10	Machine tripped as Bus differential relay on BB-3 & 4 operated.
		03.09.11	14.10	09.09.11	21.25	Machine stopped as generation available on spot RLNG
		25.09.11	12.05	25.09.11	14.28	Machine tripped due to malfunctioning of deaerator level as BFP-2A tripped and 2B did not take start command due to non availability of Deaerator level.
		26.09.11	20.35	26.09.11	21.50	BFP-2A tripped due to malfunctioning of Deaerator level. Deaeraor Level V.Low , Low, High, very high alarm appeared. BFP-2B taken into service it also tripped on same alarm. Machine tripped on low vaccum.
		11.10.11	14.30	11.10.11	16.50	Machine tripped from DDC for checking the hunting in parameters.
		19.10.11	03.02	19.10.11	07.08	Machine tripped due to class B relay operated.
		20.10.11	12.50	20.10.11	14.02	Tripped due to jerk in control room.
		21.10.11	11.50	21.10.11	13.05	Machine stopped due to choking of CEP Stainer as another CEP was under preventive maintenance
		27.10.11	15.15	31.10.11	10.20	Machine stopped due to low demand & high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG3	30	11.04.11	11.25	17.04.11	16.28	Due to failure of Auxiliary supply.
		17.04.11	20.05	18.04.11	21.55	Machine stopped due to low demand
		22.04.11	12.17	30.04.11	16.16	Machine available on spot R-LNG
		01.05.11	14.52	01.05.11	15.40	Steam Turbine Speed very high.
		07.05.11	03.40	07.05.11	13.58	Machine stopped due to low demand
		12.05.11	09.16	13.05.11	20.35	Main steam temperature low
		21.05.11	18.30	23.05.11	13.55	Machine stopped due to low demand
		05.06.11	10.15	05.06.11	11.15	Low vacuum
		06.06.11	09.05	06.06.11	11.25	Turbine shaft vibration high
		13.06.11	13.10	13.06.11	14.34	Machine tripped on CH-I& II.
		26.06.11	09.02	30.06.11	23.59	Machine stopped due to low demand
		20.07.11	13.50	20.07.11	14.20	Machine tripped on Both the boiler trip alarm. No alarm appeared in the Turbine interlock page.
		20.07.11	14.36	20.07.11	15.20	Machine tripped on Both the boiler trip alarm. No alarm appeared in the Turbine interlock page.
		28.07.11	07.04	28.07.11	07.43	Machine tripped due to tripping of HRSGs. HRSG tripped on low drum level as BFP-3A tripped due to malfunctioning of temperature of NDE of motor.
		17.08.11	04.02	21.08.11	00.15	Machine stopped as generation available on spot RLNG.
		22.08.11	13.15	23.08.11	13.45	Machine tripped on Class A. machine cleared from Elect division but not taken on load due to low demand.
		24.08.11	01.50	31.08.11	23.59	Machine stopped due to low demand
		03.09.11	13.05	03.09.11	15.10	Machine tripped as Bus differential relay on BB-3 & 4 operated.
		06.09.11	18.35	11.09.11	22.10	Machine Stopped due to low demand & high frequency
		16.09.11	09.35	16.09.11	11.45	Machine tripped on class A alarm
		18.09.11	08.54	18.09.11	09.25	Machine tripped on Gen class A trip,AVR trip command and excitation field breaker open.
		20.09.11	09.03	20.09.11	09.27	Machine tripped on class A alarm
		21.09.11	16.40	23.09.11	03.10	Machine tripped due to tripping of GT#6
		27.09.11	15.15	27.09.11	16.00	Machine tripped as GT#6 came on FSNL
		01.10.11	17.30	02.10.11	01.45	Tripped with GT#6 Generater breaker trip battery voltage ground alarm.
		13.10.11	05.10	13.10.11	08.33	Machine tripped as all the parameters disapperaed.
		13.10.11	14.42	13.10.11	14.55	Machine tripped on low vaccum as CEP-3A tripped on Hot well very low alarm. It is found that Condensate water drained from the drain of CPH-5. This drain valve is being cut by the O/h team.
		20.10.11	20.16	21.10.11	17.25	Tripped due to tripping of GT#6.
		31.10.11	10.30	31.10.11	23.59	Machine Stopped due to low demand & high frequency

(C) PRAGATI STATION

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	**104**	01.04.11	23.28	03.04.11	11.37	Stopped for maintenance work
		03.04.11	20.03	04.04.11	19.09	Rotor earth fault
		04.04.11	14.45	06.04.11	13.35	Unit stopped due to low demand and high frequency
		06.04.11	21.45	08.04.11	08.01	Stopped for maintenance work
		08.04.11	18.45	08.04.11	24.00	Internal fault
		09.04.11	00.00	10.04.11	15.52	Unit stopped due to low demand and high frequency
		25.04.11	17.58	25.04.11	23.08	Tripped alongwtih trippings of associated transmission lines.
		21.05.11	01.30	21.05.11	02.56	Grid disturbance
		21.05.11	22.10	23.05.11	08.45	Generation backing down due to low demand and high frequency
		05.06.11	11.02	05.06.11	17.43	Shutdown for attending hot spot and general maintenance
		28.07.11	21.18	29.07.11	22.59	Leakage of air compressor
2	104	03.04.11	13.50	03.04.11	20.28	Stopped for maintenance work
		06.04.11	13.50	06.04.11	21.35	Stopped for maintenance work
		08.04.11	08.22	08.04.11	19.20	Stopped for maintenance work
		10.04.11	21.27	11.04.11	12.11	Internal fault
		30.04.11	00.52	30.04.11	01.10	Tripped alongwtih trippings of associated transmission lines.
		05.05.11	10.51	07.05.11	05.26	Internal problem
		14.05.11	07.21	14.05.11	19.13	Internal check
		05.06.11	05.00	05.06.11	10.43	Shutdown for attending hot spot and general maintenance
		10.06.11	05.54	11.06.11	15.44	Generation backing down due to low demand and high frequency
		26.06.11	11.38	27.06.11	10.29	
		27.06.11	10.29	27.06.11	10.55	Lube oil system fault
		15.08.11	10.35	16.08.11	07.00	Generation backing down due to low demand and high frequency
		05.09.11	05.39	05.09.11	07.21	Grid disturbance
STG	**122**	12.04.11	09.00	12.04.11	18.59	High furnace temperature
		25.04.11	17.57	25.04.11	18.56	Tripped alongwtih trippings of associated transmission lines.
		21.05.11	01.32	21.05.11	02.53	
		05.06.11	09.50	05.06.11	13.38	Shutdown for attending hot spot and general maintenance
		07.06.11	00.47	13.06.2011	10.19	Internal fault
		05.09.11	09.44	05.09.11	10.28	Internal fault

(D) BADARPUR THERMAL POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	95	10.06.11	11.04	13.06.11	21.58	Generation backing down due to low demand and high frequency
		26.06.11	09.43	27.06.11	13.07	
		27.06.11	17.26	27.06.11	17.51	Furnaces pressure high
		08.07.11	20.25	12.07.11	15.53	Generation backing down due to low demand and high frequency
		15.07.11	18.11	15.07.11	18.47	Low vacuum
		20.08.11	11.22	20.08.11	12:05	Condenser tube leakage
		01.09.11	23.18	22.09.11	19:24	Planned shutdown
		23.09.11	02.09	23.09.11	18.54	Problem in coal mill
		25.09.11	13.26	25.09.11	14.20	Fire out
		03.10.11	21.06	03.10.11	22.26	Flame failure in furnance
		04.10.11	18.16	05.10.11	07.53	Boiler tube leakage
		05.10.11	19.46	15.10.11	20.30	Furnance vaccume failure
		08.10.11	08.27	08.10.11	09.17	Flame failure
		22.10.11	09.14	22.10.11	10.21	Furnance vaccume low
		30.10.11	00.05	30.10.11	01.17	Fire out
2	95	03.04.11	00.50	20.04.11	21.35	Shut-down for over-hauling
		21.05.11	23.13	23.05.11	20.52	Generation backing down due to low demand and high frequency
		27.06.11	16.41	02.07.11	17.42	
		11.07.11	14.54	11.07.11	16.37	False relay tripping
		12.09.11	10.34	12.09.11	17.27	Furnace disturbance
		14.09.11	09.46	14.09.11	09.11	Fire out
		10.10.11	11.20	10.10.11	13.56	Flame failure
		17.10.11	12.32	24.10.11	21.20	Water shortage
		24.10.11	21.35	24.10.11	22.00	Flame failure
3	95	17.04.11	17.01	17.04.11	18.58	Tripped along with tripping of associated transmission lines
		30.04.11	18.32	30.04.11	19.32	Due to tripping of generator transformer
		30.04.11	21.52	02.05.11	05.42	Electrical fault
		26.05.11	17.13	30.05.11	10.24	Generation backing down due to low demand and high frequency
		02.06.11	19.41	06.06.11	11.43	
		07.07.11	01.47	26.07.11	15.35	Turbine blade failure
		09.08.11	03.24	10.08.11	04.11	Generator failure
		02.10.11	21.56	02.10.11	23.10	Flame failure
		06.10.11	00.58	06.10.11	03.10	Flame failure
		11.10.11	20.16	11.10.11	21.07	Furnance fire out
		13.10.11	07.07	14.10.11	04.42	Boiler tube leakage
		15.10.11	01.12	25.10.11	18.27	Boiler tube leakage
		25.10.11	05.12	27.10.11	02.18	Water shortage

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	210	17.04.11	17.01	17.04.10	20.26	Tripped along with tripping of associated transmission lines
		04.05.11	07.41	08.05.11	11.18	Control system failure
		24.06.11	13.07	24.06.11	16.16	Excitation system failure
		22.08.11	06.59	24.08.11	08.40	Shortage of water
		11.09.11	19.38	13.09.11	16.19	Low fuernance pressure
		16.09.11	05.21	16.09.11	07.28	Flame failure
		16.09.11	10.25	16.09.11	11.40	Flame failure
		11.10.11	07.10	11.10.11	08.55	Flame failure
		11.10.11	20.16	11.10.11	12.30	Flame failure
		27.10.11	13.05	31.10.11	23.59	Furnance vaccum low
5	210	17.06.11	17.47	21.06.11	10.10	Generation backing down due to low demand and high frequency
		21.06.11	11.41	21.06.11	13.04	Furnaces vacuum high
		22.06.11	01.09	22.06.11	04.55	Furnaces vacuum high
		22.06.11	05.07	22.06.11	08.15	Unit auxiliary transformer problem
		12.07.11	13.59	13.07.11	08.05	Hot spot on generation bus
		14.08.11	10.35	17.08.11	08.37	Generation backing down due to low demand and high frequency
		14.09.11	10.45	14.09.11	13.28	Flame failure
		16.09.11	13.50	16.09.11	15.15	Flame failure
		16.09.11	19.33	16.09.11	20.42	Flame failure
		17.09.11	07.52	17.09.11	13.47	Fire out
		19.10.11	11.16	29.10.11	16.45	Water shortage

4 ALLOCATION OF POWER TO DELHI

A) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 22.05.2011

Time block 00.00hrs. to 12.00hrs. & 23.00hrs. 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	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
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
TOTAL	**8782**	**1152**	**2174**	**1902**	**0**	**0**	**1902**
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
URI HEP	480	0	53	50	0	0	50
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
TOTAL	**3074**	**172**	**351**	**333**	**0**	**0**	**333**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP(B)	440	66	0	0	0	0	0
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**1320**	**194**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	123	0	0	123
THDC							
Tehri Hydro	1000	99	103	89	0	0	89
Total	**15676**	**1766**	**2873**	**2537**	**0**	**0**	**2537**
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
Mejia TPS Unit-6	250	0	29	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**6210**	**153**	**290**	**242**	**0**	**0**	**242**
Joint Venture							
Jhajjar TPS	500	38	231	201	0	0	201
Grand Total	**22386**	**1957**	**3393**	**2980**	**0**	**0**	**2980**

B) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 22.05.2011

Time block 12.00hrs. to 23.00hrs. @ 16% 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	39	34	165
Rihand	1000	150	100	87	20	17	104
Rihand Stage -II	1000	150	126	109	20	17	127
ANTA GPS	419	63	44	41	8	8	49
Auriya GPS	663.36	99	72	67	9	9	76
Dadri GPS	829.78	129	91	85	8	7	92
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	19	17	655
Unchahaar-I TPS	420	20	24	21	3	2	23
Unchahaar-II TPS	420	63	47	41	8	7	48
Unchahaar-III TPS	210	31	29	25	4	4	29
TOTAL	**8782**	**1152**	**2174**	**1902**	**138**	**122**	**2023**
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	7	7	45
URI HEP	480	0	53	50	0	0	50
Sewa HEP	120	18	16	15	2	2	17
Dhauli Ganga HEP	280	42	37	35	6	5	40
Koteshwar HEP	100	0	10	9	1	1	11
Dulhasti HEP	390	58	50	48	8	7	55
TOTAL	**3174**	**172**	**361**	**343**	**24**	**23**	**365**
NPC							
Narora APS	440	64	47	41	8	7	48
RAPP(B)	440	66	0	0	0	0	0
RAPP (C)	440	64	56	49	14	12	61
TOTAL	**1320**	**194**	**103**	**89**	**23**	**20**	**109**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	123	20	19	142
THDC							
Tehri Hydro	1000	99	103	89	13	12	102
Total	**15776**	**1766**	**2882**	**2547**	**217**	**195**	**2741**
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
Mejia TPS Unit-6	250	0	29	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**6210**	**153**	**290**	**242**	**0**	**0**	**242**
Joint Venture							
Jhajjar TPS	500	38	231	201	5	4	205
Grand Total	**22486**	**1957**	**3403**	**2989**	**222**	**199**	**3188**

C) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 07.10.2011

Time block 00.00hrs. to 12.00hrs. & 23.00hrs. 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	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
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
TOTAL	**8782**	**1152**	**2174**	**1902**	**0**	**0**	**1902**
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
URI HEP	480	0	53	50	0	0	50
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
TOTAL	**3074**	**172**	**351**	**333**	**0**	**0**	**333**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP(B)	440	66	0	0	0	0	0
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**1320**	**194**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	123	0	0	123
THDC							
Tehri Hydro	1000	99	103	89	0	0	89
Total	**15676**	**1766**	**2873**	**2537**	**0**	**0**	**2537**
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
Mejia TPS Unit-6	250	0	29	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**6210**	**153**	**290**	**242**	**0**	**0**	**242**
Joint Venture							
Jhajjar TPS	500	38	0	0	0	0	0
Grand Total	**22386**	**1957**	**3162**	**2779**	**0**	**0**	**2779**

D) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 07.10.2011

Time block 12.00hrs. to 23.00hrs. @ 16% 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	39	34	164
Rihand	1000	150	100	87	20	17	104
Rihand Stage -II	1000	150	126	109	20	17	126
ANTA GPS	419	63	44	41	8	8	49
Auriya GPS	663.36	99	72	67	9	8	75
Dadri GPS	829.78	129	91	85	8	7	92
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	19	17	655
Unchahaar-I TPS	420	20	24	21	3	2	23
Unchahaar-II TPS	420	63	47	41	8	7	48
Unchahaar-III TPS	210	31	29	25	4	4	29
TOTAL	**8782**	**1152**	**2174**	**1902**	**137**	**121**	**2022**
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	7	7	45
URI HEP	480	0	53	50	0	0	50
Sewa HEP	120	18	16	15	2	2	17
Dhauli Ganga HEP	280	42	37	35	5	5	40
Koteshwar HEP	100	0	10	9	1	1	11
Dulhasti HEP	390	58	50	48	8	7	55
TOTAL	**3174**	**172**	**361**	**343**	**24**	**23**	**365**
NPC							
Narora APS	440	64	47	41	8	7	48
RAPP(B)	440	66	0	0	0	0	0
RAPP (C)	440	64	56	49	9	7	56
TOTAL	**1320**	**194**	**103**	**89**	**17**	**15**	**104**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	123	20	19	142
THDC							
Tehri Hydro	1000	99	103	89	13	12	102
Total	**15776**	**1766**	**2882**	**2547**	**211**	**189**	**2736**
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
Mejia TPS Unit-6	250	0	29	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**6210**	**153**	**290**	**242**	**0**	**0**	**242**
Joint Venture							
Jhajjar TPS	500	38	0	0	5	4	4
Grand Total	**22486**	**1957**	**3172**	**2788**	**216**	**193**	**2982**

5 ALLOCATION OF POWER TO DISCOMS

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. 01.04.2011.

(Allocation In %)

(A) 10.00hrs. to 17.00hrs.

SOURCES	LICENSEES					
	NDMC	MES	NDPL	BRPL	BYPL	TOTAL
1. Central Sector without Dadri (Th)	0.00	0.00	29.18	43.58	27.24	100.00
2. Dadri (Th)	14.98	0.00	24.18	36.87	23.97	100.00
3. BTPS	15.94	7.09	21.88	33.37	21.72	100.00
4. RPH	0.85	0.00	28.39	42.97	27.79	100.00
5. GT	0.93	0.00	28.28	42.99	27.80	100.00
6. Pragati	26.69	0.00	20.77	31.76	20.7	100.00
7. DVC	0.00	0.00	29.18	43.58	27.24	100.00

(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)	0.00	0.00	29.18	43.58	27.24	100.00
2. Dadri (Th)	14.05	0.00	24.18	3687	24.90	100.00
3. BTPS	15.07	7.09	21.88	33.37	22.59	100.00
4. RPH	0.00	0.00	28.390	42.97	28.64	100.00
5. GT	0.00	0.00	28.28	42.99	28.73	100.00
6. Pragati	25.76	0.00	20.77	31.76	21.71	100.00
7. DVC	0.00	0.00	29.18	43.58	27.24	100.00

6 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING OCTOBER 2011

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	BTPS	Rithala	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)= (3) to (7)	(9)	(10)	(11)= (10) -(9)	(12)= (10)+ (11)	(13)	(14)= (12)+ (13)
1	19:20:56	47	76	295	539	-1	956	2923	2940	17	3879	112	3991
2	00:00:04	47	76	295	539	-1	956	2326	2311	-15	3282	0	3282
3	19:06:53	102	157	294	481	26	1060	2780	2966	186	3840	58	3898
4	18:31:00	107	159	295	462	26	1049	2828	2808	-20	3877	0	3877
5	18:51:07	106	161	297	480	26	1070	2849	2975	126	3919	0	3919
6	00:00:45	107	161	297	480	26	1071	2267	2093	-174	3338	0	3338
7	19:09:00	103	155	289	512	0	1059	2829	2680	-149	3888	57	3945
8	19:05:52	104	159	292	514	26	1095	2638	2657	19	3733	7	3740
9	18:45:57	96	161	296	490	27	1070	2456	2631	175	3526	0	3526
10	19:05:09	105	159	295	400	24	983	2670	2657	-13	3653	210	3863
11	19:21:39	105	157	291	434	24	1011	2509	2502	-7	3520	281	3801
12	19:31:37	108	160	293	450	26	1037	2616	2566	-50	3653	160	3813
13	19:21:43	102	150	295	427	26	1000	2685	2670	-15	3685	126	3811
14	19:09:54	106	180	294	437	26	1043	2710	2657	-53	3753	53	3806
15	19:23:48	106	182	294	438	26	1046	2467	2606	139	3513	0	3513
16	18:46:38	109	190	298	412	27	1036	2244	2618	374	3280	0	3280
17	19:06:59	54	189	297	336	28	904	2612	2786	174	3516	52	3568
18	18:19:02	105	186	295	327	27	940	2590	2643	53	3530	0	3530
19	19:54:45	58	186	297	181	27	749	2750	2859	109	3499	27	3526
20	18:15:28	57	185	295	179	27	743	2856	2752	-104	3599	78	3677
21	18:47:26	53	190	301	191	27	762	2854	2846	-8	3616	108	3724
22	18:48:25	59	188	299	197	27	770	2682	2900	218	3452	2	3454
23	18:33:35	105	187	298	193	26	809	2446	2844	398	3255	2	3257
24	18:58:55	97	188	298	164	22	769	2858	2902	44	3627	3	3630
25	18:31:22	104	159	300	269	24	856	2540	2849	309	3396	2	3398
26	18:32:02	101	184	305	248	27	865	2212	2619	407	3077	0	3077
27	19:04:06	105	115	305	157	27	709	2171	2547	376	2880	0	2880
28	18:45:20	105	114	302	152	27	700	2321	2552	231	3021	2	3023
29	18:31:40	102	116	305	299	27	849	2248	2376	128	3097	2	3099
30	18:47:03	106	116	305	357	24	908	2001	2298	297	2909	2	2911
31	18:46:02	107	122	302	384	27	942	2194	2702	508	3136	2	3138

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING OCTOBER 2011

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
		IP	RPH	GT	PPCL	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(3) to (7)	(9)	(10)	(11)= (10) -(9)	(12)=(10) + (11)	(13)	(14)= (12)+ (13)
1	19:20:56	47	76	295	539	-1	956	2923	2940	17	3879	112	3991
2	00:00:04	47	76	295	539	-1	956	2326	2311	-15	3282	0	3282
3	19:06:53	102	157	294	481	26	1060	2780	2966	186	3840	58	3898
4	18:31:00	107	159	295	462	26	1049	2828	2808	-20	3877	0	3877
5	18:51:07	106	161	297	480	26	1070	2849	2975	126	3919	0	3919
6	00:00:45	107	161	297	480	26	1071	2267	2093	-174	3338	0	3338
7	19:09:00	103	155	289	512	0	1059	2829	2680	-149	3888	57	3945
8	19:05:52	104	159	292	514	26	1095	2638	2657	19	3733	7	3740
9	18:45:57	96	161	296	490	27	1070	2456	2631	175	3526	0	3526
10	19:05:09	105	159	295	400	24	983	2670	2657	-13	3653	210	3863
11	19:21:39	105	157	291	434	24	1011	2509	2502	-7	3520	281	3801
12	19:00:00	108	159	292	473	26	1058	2471	2566	95	3529	300	3829
13	19:00:00	105	150	295	429	26	1005	2630	2668	38	3635	214	3849
14	19:00:00	103	182	295	449	26	1055	2652	2657	5	3707	134	3841
15	19:23:48	106	182	294	438	26	1046	2467	2606	139	3513	0	3513
16	18:46:38	109	190	298	412	27	1036	2244	2618	374	3280	0	3280
17	19:06:59	54	189	297	336	28	904	2612	2786	174	3516	52	3568
18	18:19:02	105	186	295	327	27	940	2590	2643	53	3530	0	3530
19	19:54:45	58	186	297	181	27	749	2750	2859	109	3499	27	3526
20	18:15:28	57	185	295	179	27	743	2856	2752	-104	3599	78	3677
21	18:47:26	53	190	301	191	27	762	2854	2846	-8	3616	108	3724
22	18:48:25	59	188	299	197	27	770	2682	2900	218	3452	2	3454
23	18:33:35	105	187	298	193	26	809	2446	2844	398	3255	2	3257
24	18:58:55	97	188	298	164	22	769	2858	2902	44	3627	3	3630
25	18:31:22	104	159	300	269	24	856	2540	2849	309	3396	2	3398
26	18:32:02	101	184	305	248	27	865	2212	2619	407	3077	0	3077
27	19:04:06	105	115	305	157	27	709	2171	2547	376	2880	0	2880
28	18:45:20	105	114	302	152	27	700	2321	2552	231	3021	2	3023
29	18:31:40	102	116	305	299	27	849	2248	2376	128	3097	2	3099
30	18:47:03	106	116	305	357	24	908	2001	2298	297	2909	2	2911
31	18:46:02	107	122	302	384	27	942	2194	2702	508	3136	2	3138

8 SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR OCOTBER 2011

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

A (i) RPH	77655
JHAJJAR SHARE	0.000
NET RPH	77.655
(ii) GT+STG	119.472
(iii) PRAGATI	229.947
(iv) RITHALA	18.608
TOTAL	445.682
B) AVAILABILITY FROM BTPS	283.154
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	19.768
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**709.068**

B) SOURCE WISE SCHEDULED DRAWL FROM THE NORTHERN GRID

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
B/SUIL	3.742	3.644	3.742	3.644
SALAL	24.862	24.218	24.862	24.218
TANKAPUR	7.535	7.338	7.535	7.338
CHAMERA	10.465	10.195	10.465	10.195
CHAMERA –II	13.982	13.616	13.982	13.616
DHAULIGANGA	12.748	12.417	12.748	12.417
SEWA -2	3.242	3.158	3.242	3.158
URI	17.000	16.556	17.000	16.556
KOTESHWAR	5.266	5.126	5.266	5.126
ANTA (GAS)	18.840	18.333	17.415	16.959
ANTA (RLNG)	13.135	12.781	5.747	5.610
ANTA (LIQUID)	0.700	0.680	0.068	0.067
DADRI (GAS)	43.847	42.674	40.900	39.830
DADRI (RLNG)	21.601	21.012	8.893	8.680
DADRI (LIQUID)	0.910	0.885	0.043	0.042
AURAIYA (GAS)	30.757	29.931	28.668	27.916
AURAIYA (RLNG)	19.959	19.421	8.558	8.353
AURAIYA (LIQUID)	1.372	1.334	0.095	0.093
SINGRAULI	92.041	89.497	91.928	89.388
RIHAND –I	66.173	64.378	65.711	63.932
RIHAND –II	69.631	67.654	69.179	67.217
UNCHAHAR-I	15.041	14.628	14.648	14.250
UNCHAHAR-II	20.693	20.095	19.960	19.390
UNCHAHAR-III	19.857	19.319	19.394	18.873
DADRI (TH)	515.348	501.508	442.495	430.708
DADRI (TH) STAGE-II	523.349	509.299	451.890	439.771
NAPP	16.473	16.028	16.473	16.028
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	40.434	39.347	40.434	39.347
NATHPA JHAKRI	53.174	51.783	53.174	51.783
DULASTI	31.723	30.896	31.723	30.896
TEHRI	26.486	25.789	26.486	25.789
JHAJJAR	24.442	23.874	23.732	23.183
KHELGAON	28.952	28.155	23.122	22.519
KHELGAON-II	48.055	46.691	40.007	38.917
FARAKA	12.001	11.670	8.262	8.049
TALA	13.406	13.062	13.406	13.062
TALCHER	0.000	0.000	0.000	0.000
DVC	64.342	63.835	63.835	62.089
CHATTISHGARH	49.214	48.732	48.732	47.318
ANDHRA	0.000	0.000	0.000	0.000

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 TATA STEEL (NDPL)	30.469	30.225	30.225	29.364
ORISSA	0.000	0.000	0.000	0.000
KERALA	0.000	0.000	0.000	0.000
HIMACHAL PRADESH	0.000	0.000	0.000	0.000
WEST BENGAL	0.000	0.000	0.000	0.000
MADHYA PRADESH(WR)	0.000	0.000	0.000	0.000
MADHYA PRADESH(WR-ER)	0.000	0.000	0.000	0.000
NAGALAND	0.000	0.000	0.000	0.000
UTTRANCHAL	0.000	0.000	0.000	0.000
SIKKIM	0.000	0.000	0.000	0.000
GOA	0.000	0.000	0.000	0.000
MAHARASHTRA	0.000	0.000	0.000	0.000
MEGHALAYA	0.000	0.000	0.000	0.000
RAJASTHAN	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	0.000	0.000	0.000	0.000
TO JAMMU & KASHMIR	-1.536	-1.559	-1.559	-1.605
TO MAHARASHTRA	-96.164	-97.129	-97.129	-99.834
TO WEST BENGAL	-0.164	-0.166	-0.166	-0.170
TO HIMACHAL PRADESH	-16.910	-17.136	-17.136	-17.675
TO KERALA(ER)	0.000	0.000	0.000	0.000
TO KERALA (WR)	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	12.583	12.263	12.583	12.263
TO POWER EXCHANGE (IEX)	-72.019	-74.133	-72.019	-74.133
POWRER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (PX)	-1.662	-1.703	-1.662	-1.703
TOTAL	**1835.397**	**1780.222**	**1626.960**	**1572.835**

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	1473.254	1433.429	1285.593	1251.079
NTPC - ER	89.009	86.516	71.391	69.484
NHPC	125.300	122.037	125.300	122.037
NPC	56.907	55.376	56.907	55.376
KOTESHWAR	5.266	5.126	5.266	5.126
NATHPA JHAKRI	53.174	51.783	53.174	51.783
TEHRI	26.486	25.789	26.486	25.789
TALA	13.406	13.062	13.406	13.062
JHAJJAR	24.442	23.874	23.732	23.183
TALCHER	0.000	0.000	0.000	0.000
DVC	64.342	63.835	63.835	62.089
CHATTISHGARH	49.214	48.732	48.732	47.318
ANDHRA	0.000	0.000	0.000	0.000
DVC TATA STEEL (NDPL)	30.469	30.225	30.225	29.364
ORISSA	0.000	0.000	0.000	0.000
KERALA	0.000	0.000	0.000	0.000
HIMACHAL PRADESH	0.000	0.000	0.000	0.000
WEST BENGAL	0.000	0.000	0.000	0.000
MADHYA PRADESH(WR)	0.000	0.000	0.000	0.000
MADHYA PRADESH(WR-ER)	0.000	0.000	0.000	0.000
NAGALAND	0.000	0.000	0.000	0.000
UTTRANCHAL	0.000	0.000	0.000	0.000
GOA	0.000	0.000	0.000	0.000
MAHARASHTRA	0.000	0.000	0.000	0.000
MEGHALAYA	0.000	0.000	0.000	0.000
RAJASTHAN	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	0.000	0.000	0.000	0.000
SIKKIM	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	12.583	12.263	12.583	12.263
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**2032.852**	**1972.048**	**1816.631**	**1767.955**

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

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT POWER PERIPHERY
TO JAMMU & KASHMIR	-1.536	-1.559	-1.559	-1.605
TO MAHARASHTRA	-96.164	-97.129	-97.129	-99.834
TO WEST BENGAL	-0.164	-0.166	-0.166	-0.170
TO HIMACHAL PRADESH	-16.910	-17.136	-17.136	-17.675
TO KERALA(ER)	0.000	0.000	0.000	0.000
TO KERALA (WR)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-72.019	-74.133	-72.019	-74.133
TO POWER EXCHANGE (PX)	-1.662	-1.703	-1.662	-1.703
TOTAL	**-188.454**	**-191.826**	**-189.670**	**-195.120**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**1935.397**	**1780.222**	**1626.960**	**1572.835**
TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS				2049.101
NET CONSUMPTION				2029.333
AVAILABILITY WITHIN DELHI				709.068
ACTUAL DRAWAL FROM THE GRID				1320.265
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY				-252.570
LOAD SHEDDING				**34.026**
UNRESTRICTED DEMAND (GROSS)				**2083.127**
UNRESTRICTED DEMAND (NET)				**2063.359**
MAX. NET CONSUMPTION				77.204Mus. ON 04.10.2011
MAX. LOAD SHEDDING				892W ON 11.10.2011 AT 17.00HRS.
PEAK LOAD	Peak Demand during the month			SHEDDING AT PEAK TIME
DAY PEAK	3669MW AT 15.00.00HRS ON 04.10.2011			NIL
EVENING PEAK	3919MW AT 18.51.07HRS ON 05.10.2011			NIL
P.L.F. OF GENCO AND PRAGATI STNs.	RPH GT PRAGATI RITHALA			77.31% 59.47% 93.66% 33.80%

9 SHEDDING DETAILS DURING THE MONTH OF OCTOBER 2011.

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
		BYPL	BRPL				BYPL	BRPL		
1	**2**	**3**	**4**	**5**	**6**	**7=3 to 6**	8	9	10	11
01-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.080	0.000	0.000
02-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
03-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.193	0.000	0.000
04-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.010	0.000
05-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.460	0.837	0.411	0.000
06-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.034	0.046	0.361	0.000
07-Oct-11	17	0.084	0.201	0.110	0.000	**0.395**	0.677	1.743	1.025	0.000
08-Oct-11	24	0.047	0.019	0.080	0.000	**0.146**	0.641	0.947	0.502	0.000
09-Oct-11	12	0.000	0.004	0.033	0.000	**0.037**	0.541	0.818	0.460	0.009
10-Oct-11	79	0.105	0.744	0.319	0.000	**1.168**	0.876	2.021	1.494	0.119
11-Oct-11	73	0.076	0.502	0.500	0.000	**1.078**	0.551	4.208	1.658	0.054
12-Oct-11	21	0.061	0.033	0.042	0.000	**0.136**	0.634	2.478	0.969	0.000
13-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.259	1.010	0.212	0.000
14-Oct-11	1	0.000	0.000	0.000	0.000	**0.001**	0.102	1.073	0.180	0.000
15-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.249	0.000	0.000
16-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
17-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.088	0.353	0.072	0.000
18-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
19-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.175	0.644	0.000	0.000
20-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.038	0.280	0.000	0.000
21-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.036	0.206	0.000	0.000
22-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
23-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
24-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
25-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
26-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
27-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
28-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
29-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
30-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
31-Oct-11	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
Total	**227**	**0.373**	**1.503**	**1.084**	**0.000**	**2.961**	**5.112**	**17.186**	**7.354**	**0.182**

ALL FIGURES IN MUs

Date	Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VOILATION				TOTAL	TOTAL SHEDDING DUE TO GRID RESTRICTIONS	Due to T&D Constraints				
							DTL				
	BSES		NDPL	NDMC			BSES		NDPL	NDMC	MES
	BYPL	BRPL					BYPL	BRPL			
1	12	13	14	15	16=8to15	17=16+7	18	19	20	21	22
01-Oct-11	0.000	0.000	0.000	0.000	**0.080**	**0.080**	0.000	0.000	0.000	0.000	0.000
02-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
03-Oct-11	0.000	0.000	0.000	0.000	**0.193**	**0.193**	0.000	0.000	0.000	0.000	0.000
04-Oct-11	0.000	0.000	0.000	0.000	**0.010**	**0.010**	0.000	0.012	0.000	0.000	0.000
05-Oct-11	0.000	0.000	0.000	0.000	**1.708**	**1.708**	0.000	0.000	0.000	0.000	0.000
06-Oct-11	0.000	0.000	0.000	0.000	**0.441**	**0.441**	0.000	0.000	0.000	0.000	0.000
07-Oct-11	0.000	0.000	0.000	0.000	**3.445**	**3.840**	0.000	0.000	0.003	0.000	0.000
08-Oct-11	0.000	0.000	0.000	0.000	**2.090**	**2.236**	0.000	0.000	0.000	0.000	0.000
09-Oct-11	0.000	0.000	0.000	0.000	**1.828**	**1.865**	0.000	0.000	0.000	0.000	0.000
10-Oct-11	0.000	0.000	0.000	0.000	**4.510**	**5.678**	0.000	0.000	0.000	0.000	0.000
11-Oct-11	0.000	0.000	0.000	0.000	**6.471**	**7.549**	0.000	0.094	0.000	0.000	0.000
12-Oct-11	0.000	0.000	0.000	0.000	**4.081**	**4.217**	0.000	0.000	0.000	0.000	0.000
13-Oct-11	0.000	0.000	0.000	0.000	**1.481**	**1.481**	0.000	0.000	0.000	0.000	0.000
14-Oct-11	0.000	0.000	0.000	0.000	**1.355**	**1.356**	0.000	0.000	0.016	0.000	0.000
15-Oct-11	0.000	0.000	0.000	0.000	**0.249**	**0.249**	0.000	0.000	0.000	0.000	0.000
16-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
17-Oct-11	0.000	0.000	0.000	0.000	**0.513**	**0.513**	0.000	0.000	0.132	0.000	0.000
18-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.041	0.000	0.000	0.000	0.000
19-Oct-11	0.000	0.000	0.000	0.000	**0.819**	**0.819**	0.000	0.000	0.010	0.000	0.000
20-Oct-11	0.000	0.000	0.000	0.000	**0.318**	**0.318**	0.013	0.000	0.000	0.000	0.000
21-Oct-11	0.000	0.000	0.000	0.000	**0.242**	**0.242**	0.000	0.000	0.000	0.000	0.000
22-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
23-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
24-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
25-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.009	0.000	0.000
26-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
27-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
28-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
29-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.001	0.000	0.000
30-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
31-Oct-11	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
Total	**0.000**	**0.000**	**0.000**	**0.000**	**29.834**	**32.795**	**0.054**	**0.106**	**0.171**	**0.000**	**0.000**

ALL FIGURES IN MUs

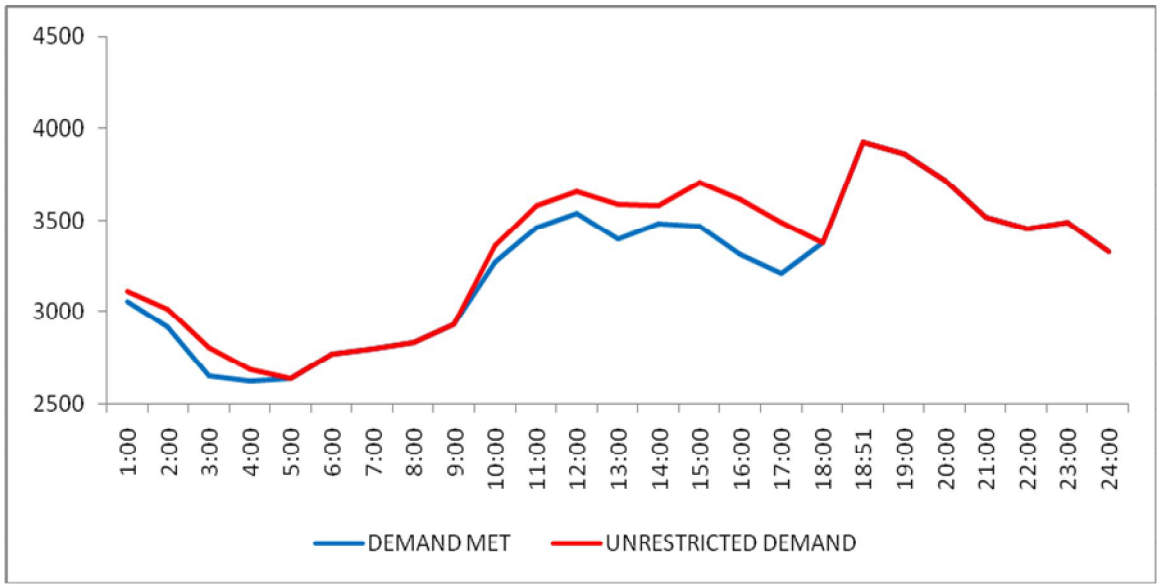
DATE	DUE TO T&D CONTRAINTS				OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.	THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	DISCOMS									
	BSES		NDPL	NDMC		BSES		NDPL		
	BYPL	BRPL				BYPL	BRPL			
1	23	24	25		26	27	28	29	30=18 to29	31=30+17
01-Oct-11	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.037**	**0.117**
02-Oct-11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.0001**
03-Oct-11	0.000	0.061	0.000	0.000	0.000	0.000	0.000	0.000	**0.061**	**0.254**
04-Oct-11	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	**0.029**	**0.039**
05-Oct-11	0.004	0.011	0.001	0.000	0.000	0.000	0.000	0.000	**0.016**	**1.724**
06-Oct-11	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	**0.002**	**0.443**
07-Oct-11	0.005	0.000	0.017	0.000	0.000	0.000	0.000	0.000	**0.025**	**3.865**
08-Oct-11	0.012	0.000	0.104	0.000	0.033	0.000	0.000	0.000	**0.149**	**2.385**
09-Oct-11	0.035	0.000	0.001	0.000	0.000	0.000	0.000	0.000	**0.036**	**1.901**
10-Oct-11	0.145	0.000	0.060	0.000	0.000	0.000	0.000	0.000	**0.205**	**5.883**
11-Oct-11	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	**0.098**	**7.647**
12-Oct-11	0.024	0.000	0.002	0.000	0.000	0.000	0.000	0.000	**0.026**	**4.243**
13-Oct-11	0.000	0.001	0.004	0.000	0.000	0.000	0.000	0.000	**0.005**	**1.486**
14-Oct-11	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.000	**0.037**	**1.393**
15-Oct-11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.249**
16-Oct-11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
17-Oct-11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.132**	**0.645**
18-Oct-11	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	**0.042**	**0.042**
19-Oct-11	0.078	0.000	0.023	0.000	0.000	0.000	0.000	0.000	**0.111**	**0.930**
20-Oct-11	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.037**	**0.355**
21-Oct-11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.242**
22-Oct-11	0.003	0.005	0.000	0.000	0.000	0.000	0.000	0.003	**0.011**	**0.011**
23-Oct-11	0.000	0.021	0.020	0.000	0.000	0.000	0.000	0.006	**0.047**	**0.047**
24-Oct-11	0.012	0.000	0.011	0.000	0.000	0.000	0.000	0.003	**0.026**	**0.026**
25-Oct-11	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.004	**0.031**	**0.031**
26-Oct-11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
27-Oct-11	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.003	**0.004**	**0.004**
28-Oct-11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	**0.006**	**0.006**
29-Oct-11	0.000	0.034	0.001	0.000	0.000	0.000	0.000	0.006	**0.042**	**0.042**
30-Oct-11	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.005	**0.006**	**0.006**
31-Oct-11	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.007	**0.010**	**0.010**
Total	**0.397**	**0.133**	**0.274**	**0.000**	**0.054**	**0.000**	**0.000**	**0.043**	**1.232**	**34.026**

DATE	(NET CONS.)	MAXI. DEMAND MET DURING THE DAY	TIME OF OCCUR-RENCE OF MAX DEMAND	SHEDDING AT THIS TIME	UN-REST-RICTED DEMAND	MAXIMUM UN-REST-RICTED DEMAND DURING THE DAY	TIME OF MAX. UN-REST. DEMAND	DEMAND AT THAT TIME	SHEDDING AT THAT TIME
	In Mus.	IN MW	IN HRS.	IN MW	IN MW	IN MW	HRS.	IN MW	IN MW
1	32	33	34	35	36=33+35	37=39+40	38	39	40
01-Oct-11	74.500	**3879**	19:20:56	112	**3991**	**3991**	19:20:56	**3879**	112
02-Oct-11	63.849	**3282**	00:00:04	0	**3282**	**3282**	00:00:04	**3282**	0
03-Oct-11	75.694	**3840**	19:06:53	58	**3898**	**3898**	19:06:53	**3840**	58
04-Oct-11	77.204	**3877**	18:31:00	0	**3877**	**3877**	18:31:00	**3877**	0
05-Oct-11	74.235	**3919**	18:51:07	0	**3919**	**3919**	18:51:07	**3919**	0
06-Oct-11	68.733	**3338**	00:00:45	0	**3338**	**3338**	00:00:45	**3338**	0
07-Oct-11	70.550	**3888**	19:09:00	57	**3945**	**3945**	19:09:00	**3888**	57
08-Oct-11	71.534	**3733**	19:05:52	7	**3740**	**3740**	19:05:52	**3733**	7
09-Oct-11	67.586	**3526**	18:45:57	0	**3526**	**3526**	18:45:57	**3526**	0
10-Oct-11	67.421	**3653**	19:05:09	210	**3863**	**3863**	19:05:09	**3653**	210
11-Oct-11	67.331	**3520**	19:21:39	281	**3801**	**3801**	19:21:39	**3520**	281
12-Oct-11	69.764	**3653**	19:31:37	160	**3813**	**3829**	19:00	**3529**	300
13-Oct-11	72.229	**3685**	19:21:43	126	**3811**	**3849**	19:00	**3635**	214
14-Oct-11	71.406	**3753**	19:09:54	53	**3806**	**3841**	19:00	**3707**	134
15-Oct-11	68.780	**3513**	19:23:48	0	**3513**	**3513**	19:23:48	**3513**	0
16-Oct-11	64.072	**3280**	18:46:38	0	**3280**	**3280**	18:46:38	**3280**	0
17-Oct-11	66.094	**3516**	19:06:59	52	**3568**	**3568**	19:06:59	**3516**	52
18-Oct-11	65.263	**3530**	18:19:02	0	**3530**	**3530**	18:19:02	**3530**	0
19-Oct-11	64.371	**3499**	19:54:45	27	**3526**	**3526**	19:54:45	**3499**	27
20-Oct-11	66.243	**3599**	18:15:28	78	**3677**	**3677**	18:15:28	**3599**	78
21-Oct-11	65.755	**3616**	18:47:26	108	**3724**	**3724**	18:47:26	**3616**	108
22-Oct-11	62.475	**3452**	18:48:25	2	**3454**	**3454**	18:48:25	**3452**	2
23-Oct-11	61.437	**3255**	18:33:35	2	**3257**	**3257**	18:33:35	**3255**	2
24-Oct-11	64.787	**3627**	18:58:55	3	**3630**	**3630**	18:58:55	**3627**	3
25-Oct-11	62.953	**3396**	18:31:22	2	**3398**	**3398**	18:31:22	**3396**	2
26-Oct-11	55.137	**3077**	18:32:02	0	**3077**	**3077**	18:32:02	**3077**	0
27-Oct-11	53.416	**2880**	19:04:06	0	**2880**	**2880**	19:04:06	**2880**	0
28-Oct-11	53.788	**3021**	18:45:20	2	**3023**	**3023**	18:45:20	**3021**	2
29-Oct-11	54.128	**3097**	18:31:40	2	**3099**	**3099**	18:31:40	**3097**	2
30-Oct-11	53.042	**2909**	18:47:03	2	**2911**	**2911**	18:47:03	**2909**	2
31-Oct-11	55.556	**3136**	18:46:02	2	**3138**	**3138**	18:46:02	**3136**	2
Total	**2029.333**	**3919** 05.10.2011	**18:51:07**	0	**3919**	**3991** 01.10.2011	**19:20:56**	**3879**	112

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING OCTOBER 2011 ON 05.10.201- 3919MW at 18.51.07HRS..

All figures in MW

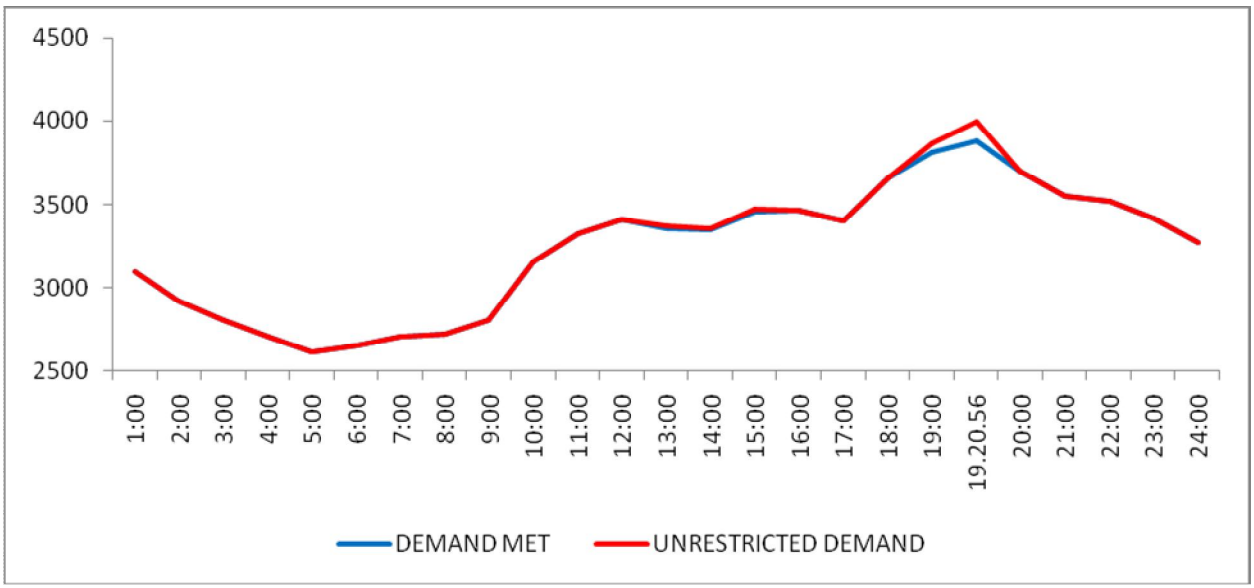
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	3060	51	3111
2:00	2917	96	3013
3:00	2652	155	2807
4:00	2622	67	2689
5:00	2640	0	2640
6:00	2767	0	2767
7:00	2799	0	2799
8:00	2831	0	2831
9:00	2934	0	2934
10:00	3271	93	3364
11:00	3461	119	3580
12:00	3538	120	3658
13:00	3395	191	3586
14:00	3481	98	3579
15:00	3470	232	3702
16:00	3314	304	3618
17:00	3209	282	3491
18:00	3375	0	3375
18:51	3919	0	3919
19:00	3862	0	3862
20:00	3718	0	3718
21:00	3516	4	3520
22:00	3455	0	3455
23:00	3487	0	3487
24:00	3330	0	3330
ENERGY IN MUS	**74.235**	**1.724**	75.959



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING OCTOBER 2011 ON 01.10.201-3991MW at 19.20.56HRS.

All figures in MW

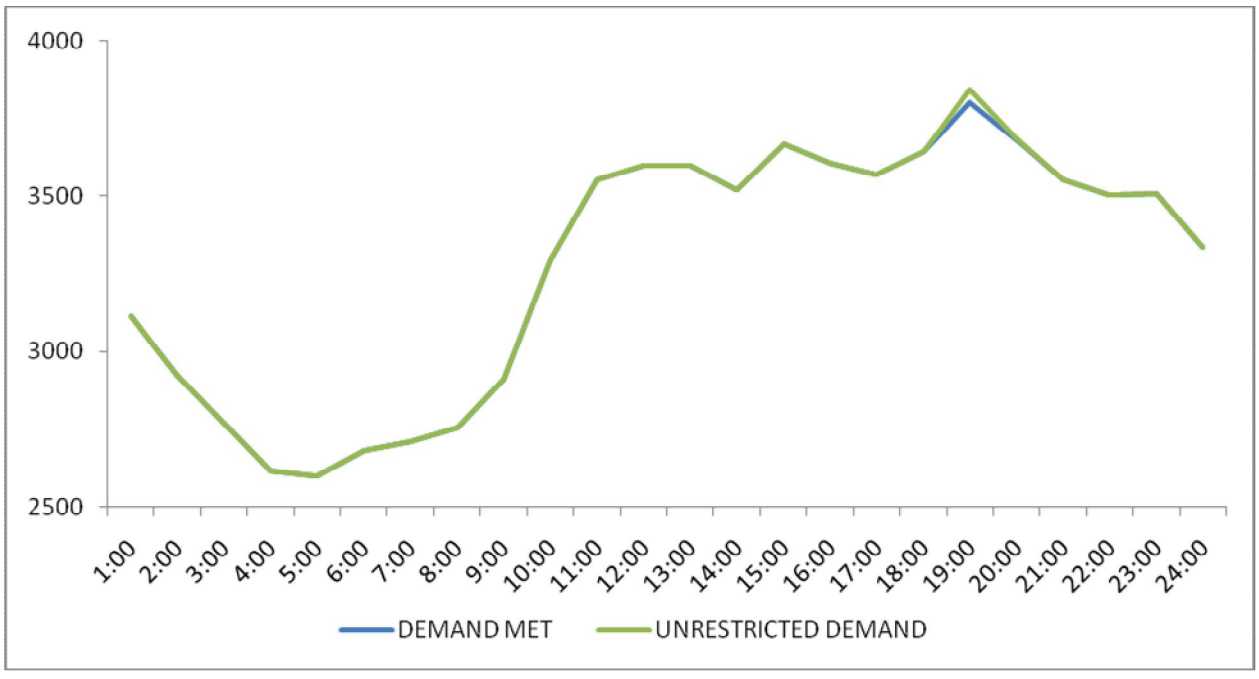
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	3097	0	3097
2:00	2916	0	2916
3:00	2804	0	2804
4:00	2705	0	2705
5:00	2610	0	2610
6:00	2652	0	2652
7:00	2705	0	2705
8:00	2723	0	2723
9:00	2802	0	2802
10:00	3159	0	3159
11:00	3330	0	3330
12:00	3414	0	3414
13:00	3358	12	3370
14:00	3347	12	3359
15:00	3460	11	3471
16:00	3465	0	3465
17:00	3402	0	3402
18:00	3660	0	3660
19:00	3808	58	3866
19.20.56	3879	112	3991
20:00	3698	0	3698
21:00	3551	0	3551
22:00	3517	0	3517
23:00	3420	0	3420
24:00	3272	0	3272
ENERGY IN MUS	**74.500**	**0.117**	74.617



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING OCTOBER 2011 – 04.10.2011 – 77.204 Mus

All figures in MW

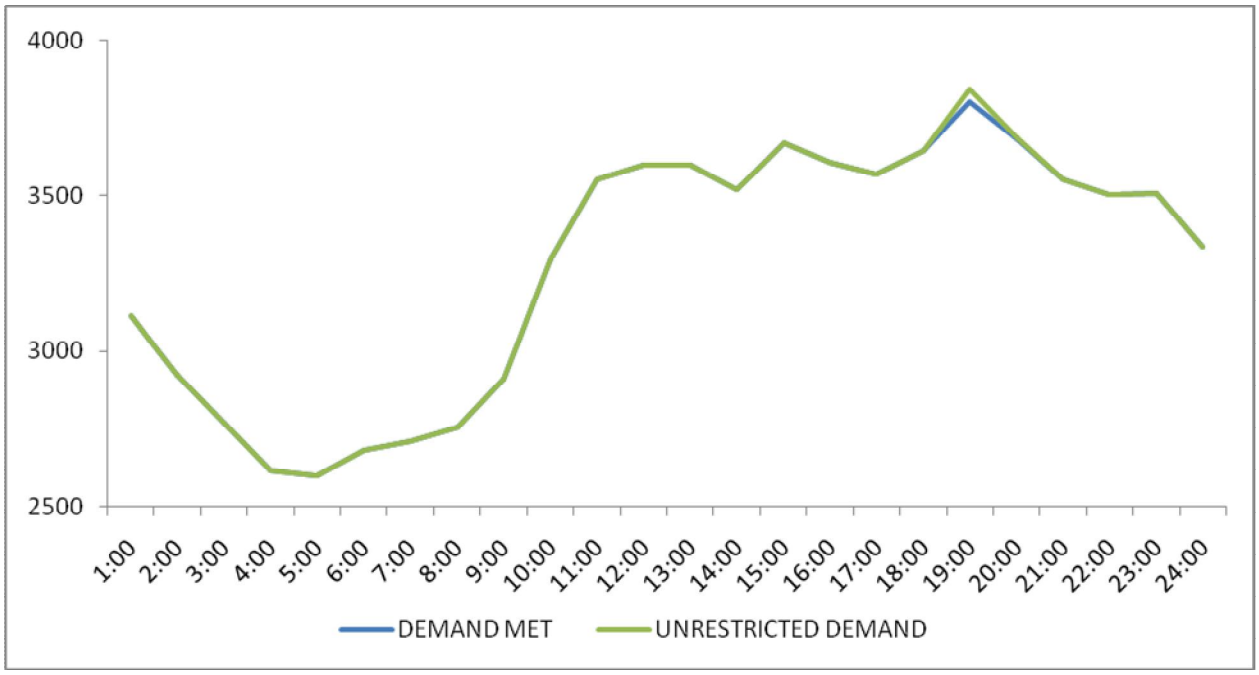
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	3112	0	3112
2:00	2923	0	2923
3:00	2768	0	2768
4:00	2616	0	2616
5:00	2598	0	2598
6:00	2679	0	2679
7:00	2707	0	2707
8:00	2755	0	2755
9:00	2912	0	2912
10:00	3298	0	3298
11:00	3554	0	3554
12:00	3599	0	3599
13:00	3597	0	3597
14:00	3521	0	3521
15:00	3669	0	3669
16:00	3608	0	3608
17:00	3571	0	3571
18:00	3643	0	3643
19:00	3802	41	3843
20:00	3680	4	3684
21:00	3553	0	3553
22:00	3503	0	3503
23:00	3509	0	3509
24:00	3336	0	3336
ENERGY IN MUS	**77.204**	**0.039**	77.243



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING OCOTBER 2011 – 04.10.2011 – 77.243 Mus

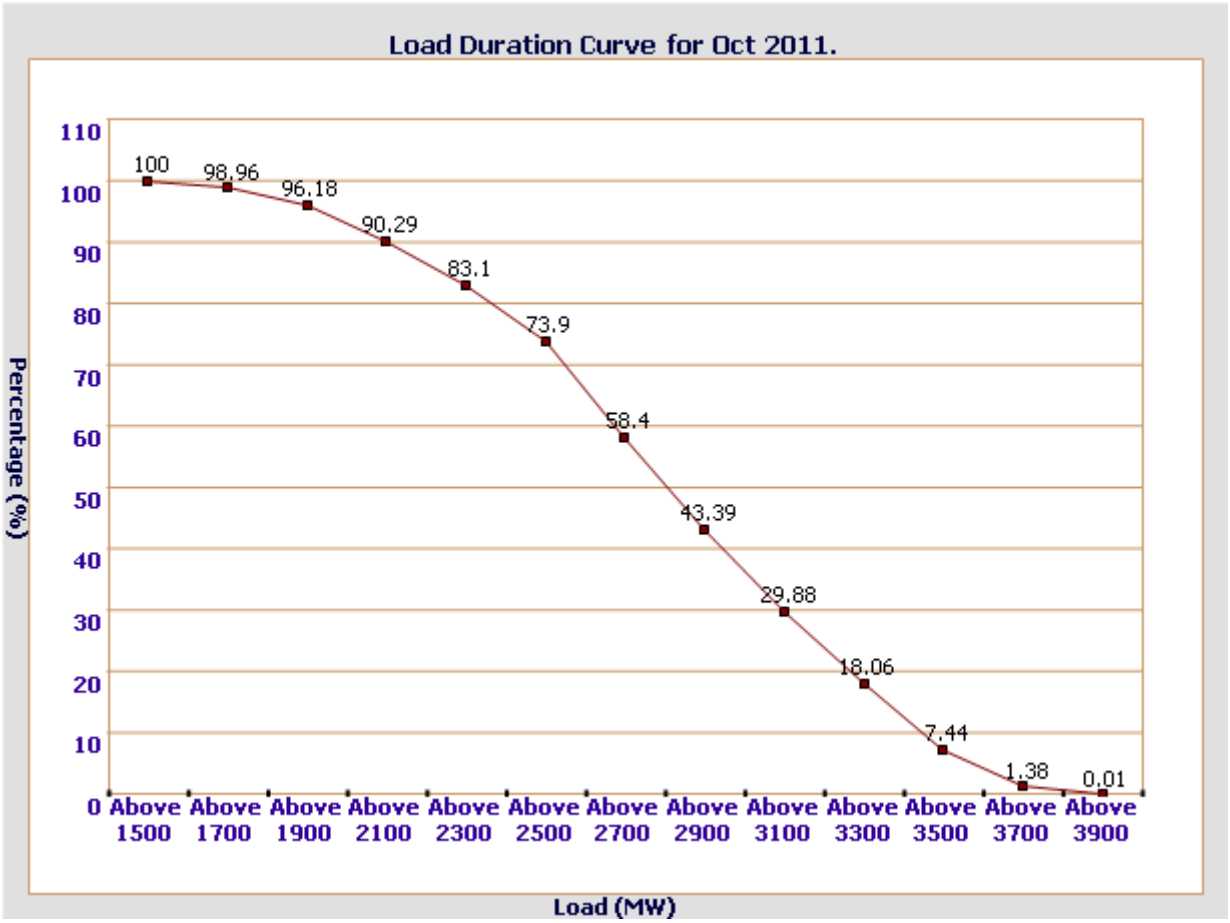
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	3112	0	3112
2:00	2923	0	2923
3:00	2768	0	2768
4:00	2616	0	2616
5:00	2598	0	2598
6:00	2679	0	2679
7:00	2707	0	2707
8:00	2755	0	2755
9:00	2912	0	2912
10:00	3298	0	3298
11:00	3554	0	3554
12:00	3599	0	3599
13:00	3597	0	3597
14:00	3521	0	3521
15:00	3669	0	3669
16:00	3608	0	3608
17:00	3571	0	3571
18:00	3643	0	3643
19:00	3802	41	3843
20:00	3680	4	3684
21:00	3553	0	3553
22:00	3503	0	3503
23:00	3509	0	3509
24:00	3336	0	3336
ENERGY IN MUS	**77.204**	**0.039**	77.243



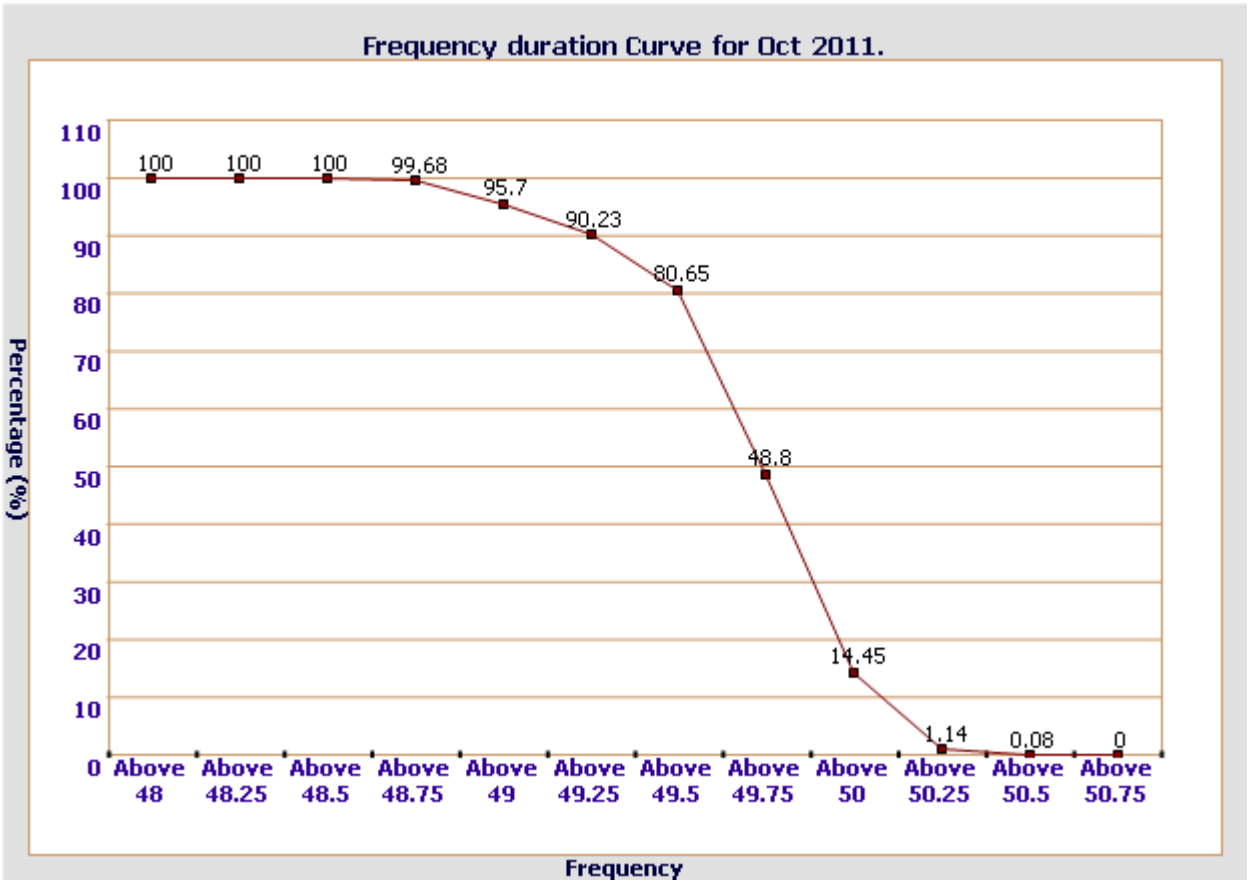
14 LOAD DURATION CURVE FOR OCTOBER 2011

Load in MW	Percentage of Time
Above 1500	100 %
Above 1700	98.96 %
Above 1900	96.18 %
Above 2100	90.29 %
Above 2300	83.1 %
Above 2500	73.9 %
Above 2700	58.4 %
Above 2900	43.39 %
Above 3100	29.88 %
Above 3300	18.06 %
Above 3500	7.44 %
Above 3700	1.38 %
Above 3900	0.01 %



15 FREQUENCY ANALYSIS FOR THE MONTH OF OCTOBER 2011

Frequency Range in Hz.	Percentage of time
Above 48.5	100 %
Above 48.75	99.68 %
Above 49	95.7 %
Above 49.25	90.23 %
Above 49.5	80.65 %
Above 49.75	48.8 %
Above 50	14.45 %
Above 50.25	1.14 %
Above 50.5	0.08 %
Above 50.75	0 %



16 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING OCOTBER 2011

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-Oct-11	231.11	217.18	227.24	217.31
02-Oct-11	233.18	223.12	229.95	220.15
03-Oct-11	230.47	216.54	227.24	216.54
04-Oct-11	230.47	215.38	225.95	215.12
05-Oct-11	231.11	219.76	225.95	215.12
06-Oct-11	233.18	222.86	229.18	219.76
07-Oct-11	235.37	219.51	228.02	217.06
08-Oct-11	233.05	219.64	228.92	217.57
09-Oct-11	232.66	220.41	229.18	219.12
10-Oct-11	--	--	--	--
11-Oct-11	235.24	222.21	229.82	217.96
12-Oct-11	--	--	--	--
13-Oct-11	232.02	215.12	228.02	215.17
14-Oct-11	233.43	220.15	228.15	217.70
15-Oct-11	--	--	--	--
16-Oct-11	--	--	--	--
17-Oct-11	231.89	220.80	229.18	--
18-Oct-11	--	--	--	--
19-Oct-11	234.08	222.09	229.44	--
20-Oct-11	232.53	219.25	228.92	--
21-Oct-11	233.95	221.05	228.53	173.72
22-Oct-11	--	--	--	--
23-Oct-11	--	--	--	--
24-Oct-11	233.69	220.80	231.24	--
25-Oct-11	232.66	219.12	229.18	--
26-Oct-11	234.60	224.28	232.66	219.64
27-Oct-11	236.66	227.63	232.79	224.28
28-Oct-11	237.56	222.86	233.43	221.05
29-Oct-11	235.63	219.25	234.60	221.18
30-Oct-11	235.11	221.70	232.66	223.38
31-Oct-11	235.37	221.57	232.40	220.54

17 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING OCOTBER 2011

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Oct-11	415.98	02.55.42	396.76	18.39.54	406.82
02-Oct-11	416.92	17.03.17	401.45	18.50.03	409.40
03-Oct-11	412.70	02.57.10	394.88	16.15.43	405.59
04-Oct-11	411.30	00.52.02	392.30	16.53.15	403.73
05-Oct-11	411.53	04.03.00	393.24	14.43.40	403.40
06-Oct-11	414.34	16.39.51	398.63	18.36.57	406.62
07-Oct-11	412.70	06.43.17	398.63	14.30.31	406.81
08-Oct-11	414.81	13.06.53	395.82	19.32.53	405.61
09-Oct-11	415.05	07.04.30	399.10	19.16.38	406.96
10-Oct-11	--	--	--	--	--
11-Oct-11	415.05	07.02.58	397.93	11.45.52	407.08
12-Oct-11	--	--	--	--	--
13-Oct-11	413.87	07.07.00	391.13	10.42.52	405.31
14-Oct-11	414.34	04.44.56	397.46	12.47.04	406.36
15-Oct-11	--	--	--	--	--
16-Oct-11	--	--	--	--	--
17-Oct-11	416.92	17.57.45	396.05	06.21.07	408.66
18-Oct-11	--	--	--	--	--
19-Oct-11	413.87	03.21.32	397.46	15.02.09	406.67
20-Oct-11	412.23	03.00.47	395.58	12.01.57	405.18
21-Oct-11	413.41	04.00.48	397.23	10.26.49	405.18
22-Oct-11	--	--	--	--	--
23-Oct-11	--	--	--	--	--
24-Oct-11	418.33	03.32.05	394.41	12.16.01	403.90
25-Oct-11	413.87	06.03.41	393.47	12.15.51	403.79
26-Oct-11	416.69	16.07.55	395.58	18.13.21	406.85
27-Oct-11	417.16	23.46.04	404.03	08.26.01	410.08
28-Oct-11	421.61	02.39.15	398.40	09.16.26	409.59
29-Oct-11	421.85	03.16.10	396.29	12.12.20	408.69
30-Oct-11	419.50	03.13.49	402.85	12.30.52	411.34
31-Oct-11	419.03	03.29.02	401.92	18.40.12	410.12

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Oct-11	415.52	21.50.06	401.45	18.40.40	408.70
02-Oct-11	419.74	17.01.57	404.26	18.50.13	412.05
03-Oct-11	415.05	02.56.50	398.40	16.15.43	408.39
04-Oct-11	413.64	00.52.02	395.82	16.53.45	406.58
05-Oct-11	413.87	04.02.00	396.99	14.42.54	406.23
06-Oct-11	415.98	17.20.13	401.68	18.37.37	409.33
07-Oct-11	415.52	07.01.48	402.62	14.30.51	409.83
08-Oct-11	417.16	13.04.22	400.27	19.32.33	409.10
09-Oct-11	418.33	07.02.39	402.15	19.28.19	410.19
10-Oct-11	--	--	--	--	--
11-Oct-11	418.56	17.39.02	403.323	10.14.48	410.79
12-Oct-11	--	--	--	--	--
13-Oct-11	416.69	07.04.10	395.12	10.43.02	408.67
14-Oct-11	415.52	18.00.31	400.74	11.59.01	409.15
15-Oct-11	--	--	--	--	--
16-Oct-11	--	--	--	--	--
17-Oct-11	419.50	17.37.44	402.15	09.40.39	411.87
18-Oct-11	--	--	--	--	--
19-Oct-11	416.19	03.21.22	401.68	15.02.09	410.18
20-Oct-11	415.75	02.59.47	399.34	12.01.37	408.52
21-Oct-11	415.75	04.00.38	400.51	10.28.49	408.44
22-Oct-11	--	--	--	--	--
23-Oct-11	--	--	--	--	--
24-Oct-11	420.67	03.24.15	397.93	12.16.01	407.53
25-Oct-11	416.69	06.03.51	396.99	12.16.21	407.20
26-Oct-11	419.27	16.07.55	399.57	18.13.11	409.66
27-Oct-11	420.44	16.03.47	407.54	08.26.01	414.05
28-Oct-11	424.19	02.39.25	401.68	09.16.26	412.90
29-Oct-11	424.19	03.12.40	400.51	12.12.30	412.37
30-Oct-11	422.79	03.20.29	406.37	12.30.52	414.62
31-Oct-11	422.08	03.43.13	405.67	18.40.22	413.56

18 DETAILS OF LUMPED CAPACITORS AT NEAREST 220 KV SUBSTATION

Sl. No	SUB-STATION	INSTALLED CAPACITY IN MVAR				Load IN		WORKING CAPACITY IN MVAR				Lumped Load IN	
		66KV	33kV	11kV	**TOTAL**	MW	MVAR	66KV	33kV	11kV	**TOTAL**	MW	MVAR
1	**IP YARD**		30		**30**				30		**30**		
1	Kamla Market			16.35	**16.35**					16.35	**16.35**	8	
2	Minto Road												
3	GB Pant Hosp			15.88	**15.88**					10.48	**10.48**	5	
4	Delhi Gate			10.9	**10.9**					10.9	**10.9**	8	
5	Tilakmarg			5.04	**5.04**					5.04	**5.04**	12	
6	Electric Lane			5.04	**5.04**					5.04	**5.04**	19	
7	Cannaught Place			10.08	**10.08**					10.08	**10.08**	20	
8	Kilokri		10.08	10.48	**20.56**				0	5.03	**5.03**	4	
9	NDSE			5.03	**5.03**					5.03	**5.03**	6	
10	AIIMS		10	5.04	**15.04**				10	5.04	**15.04**	18	
11	Nizamuddin												
12	Exhibition-I		10		**10**				0		**0**	11	
13	Exhibition-II												
14	Defence Colony												
15	IG Stadium		10.08	5.45	**15.53**				0	5.45	**5.45**	4	
16	Lajpat Nagar												
17	IP Estate			10.9	**10.9**					5.45	**5.45**		
	Total				**170.4**	239	11	**0**	**40**	**83.89**	**123.9**	**115**	
2	**IP Extn.**												
1	School Lane			5.04	**5.04**					5.04	**5.04**	51	
2	Scindia House			5.04	**5.04**					5.04	**5.04**		
3	Vidyut Bhawan			10.08	**10.08**					10.08	**10.08**	52	
4	Nirman Bhawan			5.04	**5.04**					5.04	**5.04**	30	
5	Dalhousie Road			5.04	**5.04**					5.04	**5.04**		
	Total				**30.24**	129	12	**0**	**0**	**30.24**	**30.24**	**133**	
3	**RPH Station**		20	5.04	**25.04**				20	5.04	**25.04**		
1	Lahori Gate			10.49	**10.49**					10.49	**10.49**	7	
2	Jama Masjid			5.03	**5.03**					5.03	**5.03**	8	
4	Kamla Market												
5	Minto Road			10.9	**10.9**					10.9	**10.9**	6	
6	GB Pant Hosp												
7	IG Stadium												
	Total				**51.46**	100	30	**0**	**20**	**31.46**	**51.46**	**21**	
4	**Parkstreet S/stn**	20	20		**40**			20	20		**40**		
1	Shastri Park		10.896	5.45	**16.35**				10.896	5.45	**16.35**	47	
2	Faiz Road			10.9	**10.9**					10.9	**10.9**	12	
3	Motia Khan			16.3	**16.3**					16.3	**16.3**	11	
4	Prasad Nagar			16.25	**16.25**					16.25	**16.25**	11	
5	Anand Parbat			10.8	**10.8**					7.2	**7.2**	7	
6	Shankar Road			5.04	**5.04**					5.04	**5.04**	8	
7	Rama Road			14.4	**14.4**					7.2	**7.2**	3	
8	Baird Road			10.08	**10.08**					10.08	**10.08**	22	
9	Hanuman Road			5.04	**5.04**					0	**0**	11	
10	Pusa			7.2	**7.2**					7.2	**7.2**	7	
11	Ridge Valley											53	
12	SJ Airport			5.04	**5.04**					0	**0**	9	
13	B. D. Marg											11	
	Total				**157.4**	233	41	**20**	**30.9**	**85.62**	**136.5**	**212**	

Sl. No	SUB-STATION	INSTALLED CAPACITY IN MVAR				Load IN		WORKING CAPACITY IN MVAR				Lumped Load IN	
		66KV	33kV	11kV	**TOTAL**	MW	MVAR	66KV	33kV	11kV	**TOTAL**	MW	MVAR
5	**Naraina S/stn**		20	5.04	**25.04**				20	0	**20**		
1	DMS			10.85	**10.85**					10.85	**10.85**	6	
2	Mayapuri		10.87	5	**15.87**				10.87	5	**15.87**	13	
3	Inderpuri		13.26	5.04	**18.3**				0	5.04	**5.04**	7	
4	Rewari line			7.2	**7.2**					7.2	**7.2**		
5	Khyber Lane			5.04	**5.04**					5.04	**5.04**		
6	Kirbi Place	10		5.97	**15.97**			10		5.97	**15.97**		
7	Payal			14.4	**14.4**					7.2	**7.2**	4	
	Total				**112.7**	140	21	**10**	**30.87**	**46.3**	**87.17**	**30**	
6	**Mehrauli S/stn**	80		5.04	**85.04**			60		5.04	**65.04**		
1	Adchini			15.12	**15.12**					10.08	**10.08**	9	
2	Andheria Bagh			10.85	**10.85**					10.85	**10.85**	7	
3	IIT			10.9	**10.9**					5.45	**5.45**	7	
4	JNU		10.03	10.08	**20.11**				10.03	5.04	**15.07**	23	
5	Bijwasan			10.08	**10.08**					5.04	**5.04**	6	
6	DC Saket		10.08	4.54	**14.62**				0	0	**0**	10	
7	Malviya Nagar												
8	C Dot			5.4	**5.4**					0	**0**	3	
9	Vasant kunj B-Blk	21.79		10.9	**32.69**			0		0	**0**	2	
10	Vasant kunj C-Blk	20.16		10.49	**30.65**			0		0	**0**	2	
11	Palam											12	
12	IGNOU											2	
13	R. K. Puram-I			10.08	**10.08**					10.08	**10.08**	6	
14	Vasant Vihar			15.12	**15.12**					15.12	**15.12**	8	
15	Pusp Vihar			9.6	**9.6**					9.6	**9.6**		
16	Bhikaji Cama Place		10	10.08	**20.08**				10	5.04	**15.04**	9	
	Total				**290.3**	213	32	**60**	**20.03**	**81.34**	**161.4**	**106**	
7	**Vasantkunj S/stn**	40		5.04	**45.04**			40		5.04	**45.04**		
1	R. K. Puram-II			7.2	**7.2**					0	**0**	4	
2	Vasant kunj C-Blk										**0**		
3	Vasant kunj D-Blk	20.16		10.25	**30.41**			0		0	**0**	1	
4	Race Course			5.04	**5.04**					5.04	**5.04**		
5	Bapu Dham			10.08	**10.08**					10.08	**10.08**	24	
6	Nehru Park			10	**10**					10	**10**	8	
7	Ridge Valley										**0**		
	Total				**107.8**	244	35	**40**	**0**	**30.16**	**70.16**	**37**	
8	**Okhla S/stn**	60	10	5.04	**75.04**			60	10	5.04	**75.04**		
1	Balaji			7.2	**7.2**					3.6	**3.6**	6	
2	East of Kailash			10	**10**					5	**5**	13	
3	Alaknanda			16.25	**16.25**					10.85	**10.85**	9	
4	Malviya Nagar	21.79	20.16	10.49	**52.44**			21.79	20.16	10.49	**52.44**	77	
5	Masjid Moth			15.94	**15.94**					5.04	**5.04**	7	
6	Nehru Place			21.35	**21.35**					21.35	**21.35**	20	
7	Okhla Ph-I	21.79		10.9	**32.69**			21.79		0	**21.79**	6	
8	Okhla Ph-II		20.93	15.53	**36.46**				10.9	15.53	**26.43**	13	
9	Shivalik			10.9	**10.9**					10.9	**10.9**	9	
10	Batra			15.8	**15.8**					15.8	**15.8**	5	
11	VSNL			10.8	**10.8**					0	**0**	7	
12	Siri Fort			10.49	**10.49**					5.04	**5.04**	9	
13	Tuglakabad			10.8	**10.8**					0	**0**	11	
	Total				**326.2**	360	52	**103.6**	**41.06**	**108.6**	**253.3**	**192**	

Sl. No	SUB-STATION	INSTALLED CAPACITY IN MVAR				Load IN		WORKING CAPACITY IN MVAR				Lumped Load IN	
		66KV	33kV	11kV	**TOTAL**	MW	MVAR	66KV	33kV	11kV	**TOTAL**	MW	MVAR
9	**Lodhi Road S/stn**		20		**20**				20		**20**		
1	Defence Colony			10.9	**10.9**					5.45	**5.45**	13	
2	Hudco			10.9	**10.9**					0	**0**	7	
4	Lajpat Nagar			10.9	**10.9**					0	**0**	6	
5	Nizamuddin			10.49	**10.49**					10.49	**10.49**	10	
6	Vidyut Bhawan										**0**	6	
7	Kidwai Nagar			5.04	**5.04**					5.04	**5.04**	9	
8	Ex. Gr. II										**0**		
9	IHC										**0**		
	Total				**68.23**	157	61	**0**	**20**	**20.98**	**40.98**	**51**	
10	**Sarita Vihar S/stn**	20		5.04	**25.04**			20		5.04	**25.04**		
1	Sarita Vihar			10.08	**10.08**					10.08	**10.08**	13	
2	MCIE			10.06	**10.06**					0	**0**	4	
3	Mathura Road	20.16		10.08	**30.24**			20.16		5.04	**25.2**	3	
4	Jamia Millia			5.4	**5.4**					0	**0**	4	
5	Sarai Julena		10.08	10.9	**20.98**				10.08	10.9	**20.98**	14	
	Total				**101.8**	140	-3	**40.16**	**10.08**	**31.06**	**81.3**	**38**	
11	**South of Wazirabad**										**0**		
1	Bhagirathi		10.03	10.9	**20.93**				0	10.9	**10.9**	10	
2	Ghonda	21.79	22.56	15.94	**60.29**			0	0	15.94	**15.94**	20	
3	Seelam Pur		10.08	21.39	**31.47**				0	10.9	**10.9**	10	
4	Dwarkapuri			15.46	**15.46**					15.46	**15.46**	8	
5	Nandnagri	20.16		16.35	**36.51**			20.16		10.9	**31.06**	4	
6	Yamuna Vihar			10.8	**10.8**					1.8	**1.8**	5	
7	East of Loni Road			10.8	**10.8**					10.8	**10.8**	3	
8	Shastri Park			10.9	**10.9**					5.45	**5.45**	10	
9	Karawal Nagar			5.4	**5.4**					5.4	**5.4**	9	
	Total				**202.6**	214	64	**20.16**	**0**	**87.55**	**107.7**	**79**	
12	**Geeta Colony**										**0**		
1	Geeta Colony			10.49	**10.49**					10.49	**10.49**	12	
2	Kanti Nagar			10.9	**10.9**					10.9	**10.9**	8	
3	Kailash Nagar			15.48	**15.48**					5.45	**5.45**	12	
4	Seelam Pur										**0**		
5	Shakar Pur										**0**	6	
	Total				**36.87**	105	45	**0**	**0**	**26.84**	**26.84**	**32**	
13	**Gazipur S/stn**	40		5.04	**45.04**			40		5.04	**45.04**		
1	Dallupura	21.79		10.9	**32.69**			0		10.9	**10.9**	2	
2	Vivek Vihar			10.57	**10.57**					5.03	**5.03**	18	
3	GT Road			10.85	**10.85**					10.85	**10.85**	7	
4	Kondli	20.16		10.85	**31.01**			0		5.45	**5.45**	3	
5	MVR-I			10.9	**10.9**					0	**0**		
6	MVR-II	20.16		10.9	**31.06**			0		10.9	**10.9**		
7	PPG Ind. Area			10.06	**10.06**					0	**0**	2	
	Total				**182.2**	164	0	**40**	**0**	**48.17**	**88.17**	**32**	
14	**Patparganj S/stn**	40	20	5.04	**65.04**			40	10	5.04	**55.04**		
1	GH-I	19.89		10.45	**30.34**			0		10.45	**10.45**	2	
2	GH-II	20.09		10.9	**30.99**			0		0	**0**	3	
3	CBD		10.03	15.48	**25.51**				0	15.48	**15.48**	9	
4	Guru Angad Nagar			15.49	**15.49**					15.49	**15.49**	11	
5	Karkadooma		10.08	10.44	**20.52**				10.08	10.44	**20.52**	6	
6	Preet Vihar			10.07	**10.07**					5.04	**5.04**	9	

Sl. No	SUB-STATION	INSTALLED CAPACITY IN MVAR				Load IN		WORKING CAPACITY IN MVAR				Lumped Load IN	
		66KV	33kV	11kV	**TOTAL**	MW	MVAR	66KV	33kV	11kV	**TOTAL**	MW	MVAR
7	CBD-II			7.2	**7.2**					0	**0**	4	
8	Shakarpur			5.4	**5.4**					3.6	**3.6**		
9	Jhilmil			9	**9**					0	**0**	5	
10	Dilshad Garden	20.16		16.35	**36.51**			0		0	**0**	4	
11	Khichripur	21.79		10.49	**32.28**			0		5.45	**5.45**	7	
12	Mother Dairy										**0**		
13	Scope Building										**0**		
14	Vivek Vihar										**0**		
15	Akhardham			14.4	**14.4**					0	**0**		
	Total				**302.8**	169	-25	**40**	**20.08**	**70.99**	**131.1**	**60**	
15	**Najafgarh S/stn**	60		5.04	**65.04**			60		5.04	**65.04**		
1	A4 Paschim Vihar			10.9	**10.9**					5.45	**5.45**	6	
2	Nangloi	21.73		15.85	**37.58**			21.73		10.85	**32.58**	39	
3	Nangloi W/W	20.89		5.45	**26.34**			20.89		5.45	**26.34**	3	
4	Pankha Road			15.69	**15.69**					15.69	**15.69**	6	
5	Jaffarpur			15.49	**15.49**					0	**0**	3	
7	Inst. Area Janakpuri			15.9	**15.9**					5.45	**5.45**		
8	Paschimpuri		10.05	15.53	**25.58**				0	5.04	**5.04**	9	
9	Paschim Vihar	41.83		15.44	**57.27**			20.1		15.44	**35.54**	36	
10	Mukherjee Park			15.49	**15.49**					15.49	**15.49**	11	
11	Udyog Nagar			10.04	**10.04**					0	**0**	8	
12	Choukhandi			10.08	**10.08**					0	**0**	7	
	Total				**305.4**	322	38	**122.7**	**0**	**83.9**	**206.6**	**128**	
16	**Pappankalan-I S/stn**	20		5.04	**25.04**			20		5.04	**25.04**		
1	Bindapur	21.73		15.9	**37.63**			0		5	**5**	6	
2	Bodella-I	20.1		15.9	**36**			20.1		15.9	**36**	6	
3	Bodella-II	21.73		14.53	**36.26**			0		14.53	**14.53**	6	
4	DC Janakpuri			10.04	**10.04**					10.04	**10.04**	8	
5	G-2 PPK			10.9	**10.9**					10.9	**10.9**	3	
6	G-5 PPK			15.53	**15.53**					15.53	**15.53**	6	
7	G-6 PPK			5.45	**5.45**					5.45	**5.45**	5	
8	G-15 PPK			10.08	**10.08**					10.08	**10.08**		
9	Harinagar	21.18		10.49	**31.67**			0		10.49	**10.49**	6	
	Total				**218.6**	334	38	**40.1**	**0**	**103**	**143.1**	**46**	
17	**BBMB Rohtak Road**										**0**		
1	S.B. Mill			10.08	**10.08**					0	**0**	3	
2	GTK Road				**0**						**0**		
3	Ram Pura			12.24	**12.24**					12.24	**12.24**	7	
4	Rohtak Road			10.08	**10.08**					5.04	**5.04**	2	
5	Vishal			5.4	**5.4**					5.4	**5.4**	13	
6	Madipur			10.43	**10.43**					5	**5**	7	
7	Sudershan Park			10.08	**10.08**					0	**0**		
	Total				**58.31**	151	15	**0**	**0**	**27.68**	**27.68**	**32**	
18	**Shalimarbagh S/stn**		40	6	**46**				30	6	**36**		
1	S.G.T. Nagar			13.15	**13.15**					0	**0**		
2	Wazirpur-1			20.7	**20.7**					20.7	**20.7**	11	
3	Wazirpur-2			14.4	**14.4**					7.2	**7.2**	6	
4	Shalimarbagh										**0**		
5	Ashok Vihar			20.35	**20.35**					20.35	**20.35**	11	
6	Rani Bagh			14.4	**14.4**					7.2	**7.2**	3	

Sl. No	SUB-STATION	INSTALLED CAPACITY IN MVAR				Load IN		WORKING CAPACITY IN MVAR				Lumped Load IN	
		66KV	33kV	11kV	**TOTAL**	MW	MVAR	66KV	33kV	11kV	**TOTAL**	MW	MVAR
7	Haiderpur			13.15	**13.15**					13.15	**13.15**	6	
8	SMB FC			7.2	**7.2**					7.2	**7.2**		
9	SMB KHOSLA			7.2	**7.2**					7.2	**7.2**	4	
	Total				**156.6**	185	4	**0**	**30**	**89**	**119**	**41**	
19	**Subzimandi S/stn**			6	**6**					6	**6**		
1	Shakti Nagar			5.04	**5.04**					5.04	**5.04**	4	
2	Gulabibagh			7.2	**7.2**					7.2	**7.2**	4	
3	Shahzadabagh			19.44	**19.44**					19.44	**19.44**	10	
4	Tripolia			14.4	**14.4**					7.2	**7.2**	4	
5	B. G. Road										**0**	3	
	Total				**52.08**	105	17	**0**	**0**	**44.88**	**44.88**	**25**	
20	**Narela S/stn**	40		5.04	**45.04**			40		5.04	**45.04**		
1	A-7 Narela			14.4	**14.4**					14.4	**14.4**		
2	AIR Kham pur			13.15	**13.15**					0	**0**	7	
3	Badli	20		5.95	**25.95**			20		5.95	**25.95**	21	
4	DSIDC Narela	20		5.95	**25.95**			20		5.95	**25.95**	14	
5	DSIDC Narela-2			14.4	**14.4**					0	**0**		
6	Jahangirpuri	20	20	5.95	**45.95**			20	10	5.95	**35.95**	27	
	Total				**184.8**	203	-38	**100**	**10**	**37.29**	**147.3**	**69**	
21	**Gopalpur S/stn**		30	5.04	**35.04**				20	5.04	**25.04**		
1	Azad Pur			21.6	**21.6**					21.6	**21.6**	12	
2	Hudson Lane			5.95	**5.95**					5.95	**5.95**	4	
3	Wazirabad			7.2	**7.2**					7.2	**7.2**	3	
4	Indra Vihar			5.95	**5.95**					5.95	**5.95**		
5	Tri Nagar			14.4	**14.4**					7.2	**7.2**	3	
6	GTK Road			13.15	**13.15**					7.2	**7.2**	3	
7	Jahangirpuri				**0**						**0**		
8	Civil lines			6	**6**					6	**6**		
9	DIFR			7.2	**7.2**					7.2	**7.2**		
10	Delhi Univ.			7.2	**7.2**					7.2	**7.2**		
11	Tiggipur			14.4	**14.4**					14.4	**14.4**		
	Total				**138.1**	209	20				**114.9**	**25**	
22	**Rohini S/stn**	40		6	**46**			40		6	**46**		
1	Rohini Sec-24 Ckt-I			14.4	**14.4**					14.4	**14.4**	9	
2	Rohini Sec-24 Ckt-II	20		14.4	**34.4**			20		0	**20**	9	
3	Rohini-1			7.2	**7.2**					7.2	**7.2**	3	
4	Rohini-2			13.15	**13.15**					5.95	**5.95**	7	
5	Rohini-3			5.95	**5.95**					5.95	**5.95**	4	
6	Rohini-4			13.15	**13.15**					13.15	**13.15**	9	
7	Rohini-5			13.15	**13.15**					13.15	**13.15**	22	
8	Rohini-6	20		5.95	**25.95**			20		5.95	**25.95**	3	
9	Mangolpuri-1			20.35	**20.35**					5.95	**5.95**	3	
10	Mangolpuri-2	20		5.04	**25.04**			20		0	**20**	13	
11	Saraswati Garden			10.08	**10.08**					5.04	**5.04**	4	
12	Pitam Pura-1	20		12.24	**32.24**			20		5.04	**25.04**	14	
13	Pitam Pura-2			12.24	**12.24**					0	**0**	0	
14	Pitam Pura-3			7.2	**7.2**					7.2	**7.2**	4	
15	Rohini DC-1			14.4	**14.4**					14.4	**14.4**		
	Total				**294.9**	317	21				**229.4**	**104**	

Sl. No	SUB-STATION	INSTALLED CAPACITY IN MVAR				Load IN		WORKING CAPACITY IN MVAR				Lumped Load IN	
		66KV	33kV	11kV	**TOTAL**	MW	MVAR	66KV	33kV	11kV	**TOTAL**	MW	MVAR
23	**Kanjhawala S/stn**	20		5.04	**25.04**			20		5.04	**25.04**		
1	Bawana Clear Water			14.4	**14.4**					7.2	**7.2**	3	
2	Pooth Khoord			7.2	**7.2**					7.2	**7.2**	3	
3	Ghevra			14.4	**14.4**					14.4	**14.4**		
	Total				**61.04**	58	-13				**53.84**	**6**	
24	**BAWANA S/stn**												
1	Bawana S/stn No. 6				**0**						**0**		
2	Bawana S/stn No. 7				**0**						**0**		
	Total				**0**	47	20				**0**		
25	**Kashmeregate S/stn**			5.04	**5.04**					5.04	**5.04**		
1	Civil lines			6	**6**					6	**6**	9	
2	Town Hall			8.64	**8.64**					8.64	**8.64**	8	
3	Fountain			5.45	**5.45**					5.45	**5.45**	4	
	Total				**25.13**	50	7				**25.13**	**21**	
26	**Pappankalan-II**												
1	DMRC-I												
2	DMRC-II												
	Total					99	12						
	TOTAL CAPACITY				**3636**	**4687**	**604**				**2502**	**1635**	

20 DETAILS OF BREAK-DOWNS DURING THE MONTH OF OCTOBER 2011

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
01	02.10.11	09.10	20/33KV 100MVA PR. TR –I &II AT LODHI ROAD	02.10.11	09.45	WHILE ARRANGING S/D ON 33KV O/G IHC CKT-II ALONG WITH 33KV BUS-I, 220/33KV 100MVA PR. TR.-I&-II TRIPPED ON AUTO RECLOSE LBB PROT., 2/30Z, 86B, 67AX, O/C. TR.-I & II CHARGED AT 09.40HRS.AND 09.45HRS RESPECTIVELY
02	04.10.11	10.10	220KV MEHRAULI – VASANT KUNJ CKT-II	04.10.11	11.14	CKT. TRIPPED ON 186A, 186B, DIST PROT AUTO RECLOSE ZONE-II AT MEHRAULI
03	07.10.11	16.18	220/66KV 160MVA PR. TR.-II AT DIAL	07.10.11	17.31	TR. TRIPPED ON 86 THREE PHASE.
04	08.10.11	12.36	220KV PATPARGANJ – GEETA COLONY CKT-II	08.10.11	13.48	CKT. TRIPPED ON 27RYB, 86, 30E MAIN-I : DIST PROT ABC PHASE MAIN-II `C' PHASE AT GEETA COLONY.
05	08.10.11	16.26	220/66KV 100MVA PR. TR.-II AT NARELA	08.10.11	16.47	TR. TRIPPED ON87 A&C PHASE
06	08.10.11	18.27	220/66KV 160MVA PR. TR.-II AT DIAL	10.10.11	14.43	TR. TRIPPED ON 86
07	11.10.11	13.41	220KV BTPS – MEHRAULI CKT-I	11.10.11	14.57	CKT. TRIPPED ON 30C, 30G, E/F, 186 AT BTPS AND ON DIST PROT ZONE `C' PHASE ZONE-I AT MEHRAULI.
08	11.10.11	13.41	220KV MEHRAULI – DIAL CKT- I	11.10.11	13.58	CKT. TRIPPED ON DIST PROT `B' PHASE AT DIAL. NO TRIPPING AT MEHRAULI.
09	11.10.11	15.54	220KV MANDOLA – NARELA CKT-I	11.10.11	16.20	CKT. TRIPPED ON DIST PROT `R' PPHASE ZONE-II, CB AUTO TRIP, AUTO RECLOSE LOCK OUT AT MANDOLA AND ON DIST PROT `ABC' PHASE ZONE-II, 186 AT NARELA.
10	11.10.11	18.42	400KV BAWANA – MUNDKA CKT-I	11.10.11	19.04	CB-252 OF THE CKT. TRIPPED ON 186 AT BAWANA. NO TRIPPING AT MUNDKA.
11	13.10.11	19.10	66/33KV 30MVA PR. TR.-I AT PARK STREET	14.10.11	09.48	TR. TRIPPED ON OLTC BUCHLOZ, LBB PROTECTION, 86
12	14.10.11	12.43	220KV MANDOLA – GOPALPUR CKT-II	14.10.11	14.42	CKT. TRIPPED ON DIST PROT `B' PHASE ZONE-I AT MANDOLA
13	14.10.11	19.55	220KV GAZIPUR – NOIDA – GAZIPUR CKT.	15.10.10	19.55	CKT. TRIPPED ON `R' PHASE E/F AT BTPS. NO TRIPPING AT GAZIPUR. `R' PHASE CT OF 66KV KONDLI CKT-II DAMAGED.
14	15.10.11	07.04	220KV BTPS – MEHRAULI CKT-I & II	15.10.11	15.17	BOTH CKT TRIPPED ON 186 AT MEHRULI WHILE ARRANGING SHUT-DOWN OF 220KV BUS-II ALONG WITH 220KV DIAL CKT-I AT MEHRAULI. CKT-I & II CHARGED AT 15.17HRS. AND 07.26HRS RESPECTIVELY.
15	16.10.11	11.28	220KV BTPS – SARITA VIHAR CKT-I	16.10.11	17.20	CKT. TRIPPED ON DIST. PROT `B&C' PHASE, PHASE TO PHASE AT BTPS. NO TRIPPING AT SARITA VIHAR.
16	16.10.11	12.08	220KV BAWANA – SHALIMAR BAGH CKT-II	16.10.11	12.39	CKT. TRIPPED ON 86A&B, `C' PHASE, AUTO TRIP, AUTO RECLOSE LOCK OUT. NO TRIPPING AT SHALIMAR BAGH
17	17.10.11	06.22	220/66KV 100MVA PR. TR.-I AT PAPPANKALAN-II	17.10.11	11.40	TRANSFORMER TRIPPED ON O/C, E/F ALONG WITH 66KV I/C-I WHICH TRIPPED ON INTER TRIPPING.
18	17.10.11	06.20	400KV MUNDKA – BAMNAULI CKT-II	17.10.11	06.47	CKT. TRIPPED ON DIST PROT ZONE-I, 186A&B AT BAMNAULI. CKT. TRIPPED ON INTER TRIPPING AT MUNDKA
19	17.10.11	10.55	220/33KV 100MVA PR. TR.-I AT SUBZI MANDI	17.10.11	18.55	TR. TRIPPED ON 64RLV, E/F, 86, 87.
20	17.10.11	18.45	220/66KV 100MVA PR. TR.-III AT ROHINI	17.10.11	STILL OUT	TR. TRIPPED ON 86A&B, 87, 30A, 30D, 30C, 30E, 30F, 30G, 30H, 30K, 30JPR. TRANSFORMER COMPLETELY DAMAGED DUE TO FIRE.
21	18.10.11	21.57	400KV BALLABHGARH – BAMNAULI CKT-II	18.10.11	22.21	CKT. TRIPPED ON DIST PROT MAIN-II CNZ-I, 186A&B AT BAMNAULI. AT BALLABHGARH, IT TRIPPED BUT RELAY INDICATIONS ARE NOT AVAILABLE.

22	18.10.11	06.26	66/11KV 20MVA PR. TR.-I AT SARITA VIHAR	18.10.11	16.35	TR. TRIPPED ON TROUBLE ALARM, 30A, 86.
23	18.10.11	07.55	220KV WAZIRABAD – GEETA COLONY CKT-I	18.10.11	08.08	CKT. TRIPPED ON 30E, 86 AT GEETA COLONY END ONLY.
24	18.10.11	12.14	33/11KV 16MVA PR. TR.-I AT GOPALPUR	18.10.11	12.30	TR. TRIPPED ON OIL TEMP. ALARM.
25	18.10.11	13.43	220/66KV 100MVA PR. TR.-I AT WAZIRABAD	18.10.11	15.50	TR. TRIPPED ON 86
26	18.10.11	13.43	220KV WAZIRABAD – GEETA COLONY CKT-II	18.10.11	15.32	CKT. TRIPPED ON DIST PROT `C' PHASE ZONE-I, 86, 27RUB AT GEETA COLONYAND ON DIST PROT AT WAZIRABAD.
27	18.10.11	13.43	220/33KV 100MVA PR. TR-I AT GEETA COLONY	18.10.11	15.50	TR. TRIPPED ON 86, 30E (GAS PRESSURE LOW), E/F ALONG WITH 33KV I/C-I WHICH TRIPPED ON 30F
28	18.10.11	18.32	400KV MUNDKA – BAMNAULI CKT-I	18.10.11	20.42	BOTH CB OF THE CKT. TRIPPED ON DIRECT CHANNEL-I, 86A&B AT MUNDKA. NO TRIPPING AT BAMNAULI.
29	19.10.11	13.59	220KV BAWANA – ROHINI CKT-I	19.10.11	18.36	CKT. TRIPPED ON DIST PROT `C' PHASE, 186A&B AT ROHINI AND ON AUTO RECLOSE LOCK OUT , 186A&B AT BAWANA.
30	21.10.11	03.28	220/66KV 100MVA PR. TR.-II AT WAZIRABAD	21.10.11	03.35	TR. TRIPPED WITHOUT INDICATION.
31	21.10.11	17.37	220KV MEHRAULI – VASANT KUNJ CKT-II	21.10.11	18.02	CKT. TRIPPED ON DIST. PROT `B' PHASE, 186A&B, 295CCC, AT MEHRAULI. NO TRIPPING AT VASANT KUNJ
32	22.10.11	18.10	220/66KV 100MVA PR. TR.-II AT NARELA	22.10.11	18.28	TR. TRIPPED O 87 A&C PHASE, 86 AT IP.
33	23.10.11	07.20	220/66KV 100MVA PR. TR -IV AT PAPPANKALAN-I	23.10.11	08.58	TX. TRIPPED ON O/C, E/F
34	23.10.11	10.55	66/11KV 20MVA PR. TR.-III AT NAJAFGARH	23.10.11	14.50	TR. TRIPPED ON O/C
35	23.10.11	16.03	220KV PATPARGANJ – IP CKT-I	23.10.11	16.57	CKT. TRIPPED ON 86 AT IP. NO TRIPPING AT PATPARGANJ.
36	25.10.11	02.45	220KV MANDOLA – NARELA CKT-II	25.10.11	09.20	CKT. TRIPPED ON 186 AT NARELA. RELAY INDICATIONS AT MANDOLA NOT AVAILABLE.
37	25.10.11	20.15	220KV MANDOLA – NARELA CKT-I	26.10.11	18.03	CKT. TRIPPED ON 186 AT NARELA. RELAY INDICATIONS AT MANDOLA NOT AVAILABLE.
38	30.10.11	03.22	400KV BALLABHGARH – BAMNAULI CKT-I	30.10.11	03.48	CKT. TRIPPED ON 186A&B `B' PHASE ZONE-I AT BAMNAULI. RELAY INDICATIONS AT BALLBHGARH END NOT AVAILABLE
39	30.10.11	23.45	400KV BAWANA – HISSAR CKT.	31.10.11	00.24	CKT. TRIPPED ON DIST PROT `B' PHASE ZONE-I AT BAWANA. HISSAR END INDICATIONS ARE NOT AVAILABLE.
40	31.10.11	08.14	220/33KV 50MVA PR. TR. AT PATPARGANJ	31.10.11	13.45	TR. TRIPPED ON DIFFERENTIAL, REF (LV SIDE), 86
41	31.10.11	14.10	220KV NARELA – ROHTAK ROAD CKT.-I	31.10.11	14.29	CKT. TRIPPED ON DIST PROT `ABC' PHASE AT NARELA. NO TRIPPING AT ROHTAK ROAD.
42	31.10.11	15.48	220KV WAZIRABAD – GEETA COLONY CKT-I	31.10.11	21.34	CKT. TRIPPED ON DIST PROT `RYB' PHASE ZONE-I AT WAZIRABAD AND ON DIST PROT `A' PHASE ZONE-II AT GEETA COLONY

20 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF OCTOBER 2011

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
07.10.11	1	12.20	13.02	NARAINA	33kV INDERPURI CKT, 33kV REWARI LINE CKT. 33kV PVR PAYAL CKT.	24
07.10.11	2	16.16	16.55	SUBZI MANDI	33kV DELHI UNIVERSITY CKT, 33kV GULABI BAGH CKT. 33kV TRIPOLIA CKT.	44
07.10.11	3	12.20	13.20	ROHINI-VI	11kV LOAD	11
07.10.11	4	12.46	12.55	PITAMPURA-II, ROHINI-I	11kV LOAD	16
07.10.11	5	14.33	15.13	PITAMPURA-II, ROHINI-I	11kV LOAD	16
07.10.11	6	16.03	16.42	PITAMPURA-II, ROHINI-I	11kV LOAD	16
07.10.11	7	21.12	21.44	SMB KHOSLA	11kV LOAD	9
07.10.11	8	21.13	21.46	WAZIRPUR-I	11kV LOAD	25
07.10.11	9	21.13	21.47	WAZIRPUR-II	11kV LOAD	5
07.10.11	10	21.48	21.45	PITAMPURA-II, ROHINI-I	11kV LOAD	19
07.10.11	11	14.37	14.47	MAHRAULI	11kV LOAD	9
07.10.11	12	18.12	18.50	NAJAFGARH	66kV BODALA CKT I & II, 11kV LOAD	100
07.10.11	13	20.18	21.40	SARITA VIHAR	66kV MATHURA ROAD CKT.	100
07.10.11	14	16.15	17.05	WAZIRABAD	66kV SHASTRI PARK CKT, 33kV DWARKAPURI CKT, 33kV SEELAMPUR CKT.	36
07.10.11	15	16.35	18.01	WAZIRABAD	11kV LOAD	11
07.10.11	16	16.58	17.58	GEETA COLONY	33kV KAILASH NAGAR CKT. I & II	28
07.10.11	17	18.11	18.19	GAZIPUR	66kV VIVEK VIHAR CKT. I & II	76
08.10.11	1	15.20	16.40	SUBZI MANDI	33kV B.G.ROAD CKT. I & II, 11kV LOAD	21
08.10.11	2	18.24	18.57	GOPALPUR	66kV JAHANGIRPURI CKT.	37
08.10.11	3	21.15	21.17	PAPANKALAN-I	66kV REWARI LINE CKT.	9
08.10.11	4	18.22	18.48	SMB FC	11kV LOAD	6
08.10.11	5	18.22	18.38	PITAMPURA-I	11kV LOAD	9
08.10.11	6	18.22	18.39	ROHINI-I	11kV LOAD	7
08.10.11	7	18.22	18.48	S.G.T.NAGAR	11kV LOAD	4
08.10.11	8	20.40	21.06	ASHOK VIHAR	11kV LOAD	8
08.10.11	9	20.40	21.06	TRI NAGAR	11kV LOAD	4
08.10.11	10	20.40	21.08	JAHANGIRPURI	11kV LOAD	5
08.10.11	11	21.07	21.32	A-7 NARELA	11kV LOAD	2
08.10.11	12	21.07	23.20	BADLI	11kV LOAD	20
08.10.11	13	23.03	23.20	WAZIRABAD	11kV LOAD	4
08.10.11	14	23.03	23.45	WAZIRPUR-II	11kV LOAD	6
08.10.11	15	23.03	23.50	CIVIL LINE NEW	11kV LOAD	7
08.10.11	16	23.30	23.48	ASHOK VIHAR	11kV LOAD	12
08.10.11	17	9.55	10.07	NAJAFGARH	66kV BODELA –II CKT. I & II, 66kV G-5 PAPANKALAN CKT. I & II	72
08.10.11	18	15.13	15.42	MEHRAULI	11kV LOAD	3
08.10.11	19	17.30	17.33	SARITA VIHAR	66kV MATHURA ROAD CKT. I & II, 11kV LOAD	60
08.10.11	20	18.16	18.22	SARITA VIHAR	66kV MATHURA ROAD CKT. I & II	52
08.10.11	21	18.16	18.29	SARITA VIHAR	11kV LOAD	14
08.10.11	22	18.25	18.35	NAJAFGARH	66kV G-5 PAPANKALAN CKT. I & II	28
08.10.11	23	7.25	7.33	GAZIPUR	66kV VIVEK VIHAR CKT. I & II	73
08.10.11	24	17.24	17.54	WAZIRABAD	66kV SHASTRI PARK CKT. I & II	29

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
09.10.11	1	01.21	01.30	ROHINI SEC. -23	11kV LOAD	14
09.10.11	2	01.21	01.35	ROHINI-II	11kV LOAD	14
09.10.11	3	01.21	01.30	ROHINI SEC. 22	11kV LOAD	9
09.10.11	4	5.14	5.32	RAMA ROAD	11kV LOAD	1
09.10.11	5	5.14	5.32	SHAHZADAWALA BAGH	11kV LOAD	6
09.10.11	6	5.43	5.48	RAMA RAOD	11kV LOAD	1
09.10.11	7	5.43	5.48	SHAHZADAWALA BAGH	11kV LOAD	6
09.10.11	8	11.27	12.40	SMB KHOSLA	11kV LOAD	6
09.10.11	9	11.27	12.05	WAZIRPUR-I	11kV LOAD	20
09.10.11	10	11.27	12.05	WAZIRPUR-II	11kV LOAD	5
09.10.11	11	7.25	7.32	MEHRAULI	66kV VASANT KUNJ 'D' BLOCK CKT. I & II	0
09.10.11	12	21.05	21.15	NAJAFGARH	66kV JAFFARPUR CKT. I & II	22
10.10.11	1	1.33	1.40	NARAINA	33kV SARASWATI GARDEN CKT. , 33kV PVR PAYAL CKT.	9
10.10.11	2	1.33	1.40	SHALIMARBAGH	33kV RANI BAGH CKT., 33kV S.G.T.NAGAR CKT.	9
10.10.11	3	3.10	3.28	NARAINA	33kV REWARI LINE CKT, 33kV PVR PAYAL CKT, 33kV INDERPURI CKT.	41
10.10.11	4	6.31	6.58	PAPANKALAN-I	33kV REWARI LINE CKT.	2
10.10.11	5	6.31	7.07	SUBZI MANDI	33kV DELHI UNIVERSITY CKT, 33kV GULABI BAGH CKT. 33kV TRIPOLIA CKT., 33kV SHAHZADAWALA BAGH CKT.	29
10.10.11	6	6.31	7.07	SUBZI MANDI	33kV DELHI UNIVERSITY CKT.	4
10.10.11	7	12.32	13.46	SHALIMARBAGH	33kV WAZIRPUR-I CKT., 33kV WAZIRPUR –II CKT.	38
10.10.11	8	13.33	14.33	SHALIMAR BAGH	33kV RANI BAGH CKT., 33kV S.G.T.NAGAR CKT.	28
10.10.11	9	18.25	18.45	SUBZI MANDI	33kV G.T.KARNAL ROAD CKT, 33kV DELHI UNIVERSITY CKT.	11
10.10.11	10	23.07	23.59	NARAINA	33kV SARASWATI GARDEN CKT. , 33kV PVR PAYAL CKT.	16
10.10.11	11	23.20	23.59	PAPANKALAN-I	66kV REWARI LINE CKT.	9
10.10.11	12	1:30	1:47	ROHINI-V	11kV LOAD	10
10.10.11	13	1:30	1:47	ROHINI-VI	11kV LOAD	11
10.10.11	14	1:30	1:47	ROHINI-I	11kV LOAD	5
10.10.11	15	1:30	1:47	PITAMPURA-I	11kV LOAD	4
10.10.11	16	1:50	2:04	ROHINI-V	11kV LOAD	9
10.10.11	17	1:50	2:00	ROHINI-I	11kV LOAD	5
10.10.11	18	1:50	2:00	PITAMPURA-I	11kV LOAD	4
10.10.11	19	8:49	9:01	ROHINI-I	11kV LOAD	4
10.10.11	20	8:49	9:01	ROHINI-I, S.G.T. NAGAR	11kV LOAD	4
10.10.11	21	8:49	9:01	ROHINI-I, S.G.T. NAGAR	11kV LOAD	5
10.10.11	22	8:50	9:02	SMB FC	11kV LOAD	5
10.10.11	23	8:50	9:10	SMB FC	11kV LOAD	3
10.10.11	24	8:50	9:20	JAHANGIRPURI	11kV LOAD	2
10.10.11	25	9:13	10:22	AZADPUR	11kV LOAD	9
10.10.11	26	9:14	9:23	INDIRA VIHAR	11kV LOAD	3
10.10.11	27	9:26	10:43	INDRA VIHAR	11kV LOAD	3
10.10.11	28	10:47	12:15	ASHOK VIHAR, INDRA VIHAR, TRI NAGAR	11kV LOAD	6
10.10.11	29	10:47	12:14	JAHANGIRPURI, TRI NAGAR	11kV LOAD	6
10.10.11	30	12:19	13:38	WAZIRABAD	11kV LOAD	3

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
10.10.11	31	12:19	13:36	ASHOK VIHAR	11kV LOAD	10
10.10.11	32	12:21	13:45	CIVIL INE NEW	11kV LOAD	4
10.10.11	33	13:22	15:00	ROHINI-V	11kV LOAD	5
10.10.11	34	13:22	15:00	ROHINI –I	11kV LOAD	3
10.10.11	35	14:03	15:27	ROHINI SEC. 23	11kV LOAD	13
10.10.11	36	14:03	15:27	ROHINI SEC. 22	11kV LOAD	7
10.10.11	37	14:04	15:31	ROHINI –II	11kV LOAD	9
10.10.11	38	14:04	16:20	ROHINI –II	11kV LOAD	5
10.10.11	39	14:25	15:50	ROHINI –I	11kV LOAD	2
10.10.11	40	15:00	16:07	ROHINI VI	11kV LOAD	8
10.10.11	41	17:05	18:25	ASHOK VIHAR	11kV LOAD	8
10.10.11	42	21:12	22:05	INDRA VIHAR	11kV LOAD	2
10.10.11	43	23:01	23:58	BADLI	11kV LOAD	16
10.10.11	44	23:01	23:55	ASHOK VIHAR	11kV LOAD	7
10.10.11	45	23:01	23:55	TRI NAGAR	11kV LOAD	3
10.10.11	46	5:22	5:40	NAJAFGARH	66kV BODELA –II CKT. I & II	61
10.10.11	47	5:28	5:42	PAPANKALAN-I	66kV BODELA –II CKT. I & II	32
10.10.11	48	5:20	5:43	MEHRAULI	66kV VASANT KUNJ ‘C’ BLOCK CKT. I & II, 11kV LOAD	2
10.10.11	49	5.56	6.02	MEHRAULI	66kV VASANT KUNJ ‘C’ BLOCK CKT. I & II, 11kV LOAD	2
10.10.11	50	6.31	6.59	PAPANKALAN-I	66kV BODELA –II CKT. I & II, 66kV G-5 PAPANKALAN CKT. I & II	50
10.10.11	51	6.35	6.55	PAPANKALAN-I	66kV BODELA –II CKT. I & II	35
10.10.11	52	8.47	9.47	NAJAFGARH	66kV G-5 PAPANKALAN CKT. I & II, 11kV LOAD	39
10.10.11	53	9.10	10.10	NAJAFGARH	66kV BODELA –II CKT. I & II	56
10.10.11	54	9.15	10.15	PAPANKALAN-I	66kV BINDAPUR CKT. I & II	62
10.10.11	55	10.50	11.50	PAPANKALAN-I	G-2 PAPANKALAN CKT. I & II	68
10.10.11	56	11.25	12.15	PAPANKALAN-I	66kV BODELA –II CKT. I & II, 66kV G-2 PAPANKALAN CKT. I & II	64
10.10.11	57	13.39	14.39	MEHRAULI	66kV VASANT KUNJ ‘C’ BLOCK CKT. I & II	0
10.10.11	58	14.08	15.08	SARITA VIHAR	11kV LOAD	5
10.10.11	59	17.13	18.13	MEHRAULI	66kV VASANT KUNJ ‘C’ BLOCK CKT. I & II	0
10.10.11	60	17.20	18.15	NAJAFGARH	66kV G-5 PAPANKALAN CKT. I & II, 11kV LOAD	50
10.10.11	61	17.54	19.05	NAJAFGARH	66kV JAFFARPUR CKT. I & II	30
10.10.11	62	20.15	21.15	NAJAFGARH	G-5 MATIALA CKT. I & II	50
10.10.11	63	21.10	22.10	NAJAFGARH	66kV BODELA –II CKT. I & II	29
10.10.11	64	21.15	21.55	PAPANKALAN-I	66kV BINDAPUR CKT. I & II	66
10.10.11	65	22.10	23.15	NAJAFGARH	66kV JAFFARPUR CKT. I & II	18
10.10.11	66	22.35	23.55	PAPANKALAN-I	66kV G-2 PAPANKALAN CKT. I & II	74
10.10.11	67	23.20	24.00	PAPANKALAN-I	66kV BODELA –II CKT. I & II	53
10.10.11	68	11.15	14.00	REWARI LINE	33kV MAYAPURI CKT. I & II	11
10.10.11	69	23.20	24.00	REWARI LINE	33kV MAYAPURI CKT. I & II	10
10.10.11	70	23.20	24.00	REWARI LINE	33kV VISHAL CKT.I & II	7
10.10.11	71	05.15	05.45	SUBZI MANDI	33kV B.G.ROAD CKT.	8
10.10.11	72	08.50	09.05	WAZIRABAD	66kV GHONDA CKT. I & II	32.5
10.10.11	73	9.10	09.55	GAZIPUR	66kV VIVEK VIHAR CKT. I & II	29
10.10.11	74	10.28	10.50	GAZIPUR	66kV KONDLI CKT. I & II	20
10.10.11	75	10.28	11.30	GAZIPUR	66kV KONDLI CKT. I & II	11
10.10.11	76	10.02	11.02	PATPARGANJ	11kV LOAD	9

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
10.10.11	77	12.40	13.40	GAZIPUR	66kV VIVEK VIHAR CKT. I & II	15
10.10.11	78	13.40	14.35	NARAINA	33kV DMS CKT.	11
10.10.11	79	17.20	18.40	SUBZI MANDI	33kV B.G.ROAD CKT.	14
11.10.11	1	00.01	00.09	NARAINA	33kV REWARI LINE CKT, 33kV PVR PAYAL CKT, 33kV SARASWAATI GARDEN CKT., 11kV LOAD	17
11.10.11	2	00.01	00.25	PAPANKALAN-I	66kV REWARI LINE CKT, 66kV BODELA CKT. –I , 66kV G-5 PAPANKALAN CKT.	62
11.10.11	3	01.15	02.28	SHALIMARBAGH	33kV WAZIRPUR-II CKT. –I, 33kV SMB KHOSLA CKT. –II	8
11.10.11	4	02.35	03.48	SHALIMARBAGH	33kV S.G.T.NAGAR CKT., 33kV RANI BAGH CKT. I & II	24
11.10.11	5	04.03	04.58	NARAINA	33kV REWARI LINE CKT, 33kV PVR PAYAL CKT, 33kV SARASWAATI GARDEN CKT., 11kV LOAD	27
11.10.11	6	05.50	06.54	GOPALPUR	66kV JAHANGIRPURI CKT. II, 11kV LOAD	14
11.10.11	7	06.23	07.10	SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT., 11kV LOAD	8
11.10.11	8	13.37	15.30	SHALIMARBAGH	33kV WAZIRPUR-II CKT. –I, 33kV SMB KHOSLA CKT. –II	5
11.10.11	9	14.15	15.37	SHALIMARBAGH	33kV S.G.T.NAGAR CKT., 33kV RANI BAGH CKT. I & II	35
11.10.11	10	16.04	17.04	NARAINA	33kV REWARI LINE CKT, 33kV PVR PAYAL CKT, 33kV INDERPURI CKT., 11kV LOAD	35
11.10.11	11	18.14	19.14	SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT., 11kV LOAD	21
11.10.11	12	0:02	1:02	WAZIR PUR - I	11kV LOAD	11
11.10.11	13	0:02	1:03	WAZIR PUR - II	11kV LOAD	5
11.10.11	14	1:01	2:12	CIVIL LINE (NEW)	11kV LOAD	4
11.10.11	15	1:02	2:02	WAZIRABAD	11kV LOAD	3
11.10.11	16	1:05	2:02	ASHOK VIHAR	11kV LOAD	7
11.10.11	17	1:07	2:02	WAZIR PUR - II	11kV LOAD	6
11.10.11	18	2:22	2:42	ROHINI - I	11kV LOAD	2
11.10.11	19	2:22	3:22	S.G.T. NAGAR	11kV LOAD	3
11.10.11	20	3:01	4:05	ROHINI SEC - 23	11kV LOAD	2
11.10.11	21	3:01	4:05	ROHINI - II	11kV LOAD	3
11.10.11	22	3:01	4:06	ROHINI - II	11kV LOAD	6
11.10.11	23	3:02	4:05	ROHINI SEC - 23	11kV LOAD	4
11.10.11	24	3:02	4:00	ROHINI SEC - 22	11kV LOAD	8
11.10.11	25	3:02	4:00	ROHINI SEC - 23	11kV LOAD	5
11.10.11	26	4:00	5:00	ROHINI - VI	11kV LOAD	9
11.10.11	27	4:20	5:00	ASHOK VIHAR	11kV LOAD	2
11.10.11	28	4:49	4:58	ROHINI - VI	11kV LOAD	1
11.10.11	29	5:15	6:00	BAWANA C - W	11kV LOAD	6
11.10.11	30	5:15	6:00	POOTH KHURD	11kV LOAD	10
11.10.11	31	6:13	7:00	SHAHZADA BAGH	11kV LOAD	7
11.10.11	32	9:09	10:20	JAHANGIR PURI	11kV LOAD	1
11.10.11	33	10:18	11:35	AZAD PUR	11kV LOAD	8
11.10.11	34	11:26	12:54	ASHOK VIHAR	11kV LOAD	7
11.10.11	35	11:26	12:56	TRI NAGAR	11kV LOAD	5
11.10.11	36	12:36	13:37	WAZIR PUR - I	11kV LOAD	16
11.10.11	37	12:36	13:37	WAZIR PUR - II	11kV LOAD	5
11.10.11	38	13:07	15:35	ASHOK VIHAR	11kV LOAD	13
11.10.11	39	13:08	15:24	WAZIR PUR - II	11kV LOAD	6
11.10.11	40	13:08	15:10	WAZIRABAD	11kV LOAD	4

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
11.10.11	41	13:08	14:10	CIVIL LINE (NEW)	11kV LOAD	4
11.10.11	42	14:01	15:45	ROHINI - I	11kV LOAD	2
11.10.11	43	14:01	15:40	PITAM PURA - I	11kV LOAD	4
11.10.11	44	14:45	16:00	CIVIL LINE (NEW)	11kV LOAD	1
11.10.11	45	15:01	16:35	ROHINI - II	11kV LOAD	17
11.10.11	46	15:01	16:35	ROHINI SEC - 23	11kV LOAD	14
11.10.11	47	15:01	16:35	ROHINI SEC - 22	11kV LOAD	6
11.10.11	48	16:15	17:26	ASHOK VIHAR	11kV LOAD	14
11.10.11	49	16:22	17:42	A.I.R. KHAM PUR	11kV LOAD	7
11.10.11	50	18:12	19:40	RAMA ROAD	11kV LOAD	2
11.10.11	51	18:12	19:50	SHAHZADA BAGH	11kV LOAD	3
11.10.11	52	1:32	2:32	MEHRAULI	66kV VASANT KUNJ 'C' BLOCK CKT. I & II, 11kV LOAD	7
11.10.11	53	3:51	4:51	SARITA VIHAR	11kV LOAD	5
11.10.11	54	4:54	5:38	SARITA VIHAR	11kV LOAD	5
11.10.11	55	5:20	6:30	NAJAFGARH	G-5 MATIALA CKT. I & II, 11kV LOAD	37
11.10.11	56	5:50	7:09	SARITA VIHAR	66kV MATHURA ROAD CKT. I & II	45
11.10.11	57	6:25	7:30	MEHRAULI	66kV VASANT KUNJ 'D' BLOCK CKT. I & II,	0
11.10.11	58	6:48	7:30	NAJAFGARH	66kV JAFFARPUR CKT. –II	19
11.10.11	59	6:30	7:35	PAPANKALAN -I	66kV G-2 PAPANKALAN CKT. I & II	56
11.10.11	60	8:50	9:10	NAJAFGARH	66kV BODELA –II CKT. I & II	60
11.10.11	61	9:06	9:16	PAPANKALAN -I	66kV G-5 PAPANKALAN CKT. I & II	54
11.10.11	62	10:15	11:20	NAJAFGARH	66kV BODELA –II CKT. I & II	69
11.10.11	63	10:20	11:00	PAPANKALAN -I	66kV BINDAPUR CKT. I & II	64
11.10.11	64	11:20	12:05	NAJAFGARH	66kV JAFFARPUR CKT. –II	20
11.10.11	65	11:43	12:08	PAPANKALAN -I	66kV G-2 PAPANKALAN CKT. I & II	77
11.10.11	66	14:12	15:12	MEHRAULI	66kV VASANT KUNJ 'D' BLOCK CKT. I & II,	0
11.10.11	67	16:04	17:20	PAPANKALAN -I	66kV BINDAPUR CKT. I & II	66
11.10.11	68	18:43	19:43	MEHRAULI	66kV VASANT KUNJ 'D' BLOCK CKT. I & II,	0
11.10.11	69	6:30	7:10	SUBZI MANDI	33kV B.G.ROAD CKT.	9
11.10.11	70	8:16	9:16	WAZIRABAD	66kV SHASTRI PARK (C) CKT. I & II	37
11.10.11	71	9:27	10:27	WAZIRABAD	66kV GHONDA CKT. I & II	1
11.10.11	72	9:30	10:37	GEETA COLONY	33kV KAILASH NAGAR CKT. I & II	15
11.10.11	73	14:11	15:20	NARAINA	33kV DMS CKT.	13
12.10.11	1	12.36	13.20	PAPANKALAN	66kV REWARI LINE CKT, 66kV BODELA CKT. –I , 66kV G-6 PAPANKALAN CKT.	29
12.10.11	2	13.30	14.30	KHANJAWALA	11kV LOAD	12
12.10.11	3	13.30	14.30	NARELA	11kV LOAD	6
12.10.11	4	10:57	11:02	ROHINI - I	11kV LOAD	2
12.10.11	5	10:57	11:02	PITAM PURA - I	11kV LOAD	8
12.10.11	6	10:57	11:02	S.G.T. NAGAR	11kV LOAD	5
12.10.11	7	12:31	12:34	BADLI	11kV LOAD	18
12.10.11	8	12:31	12:54	BADLI	11kV LOAD	1
12.10.11	9	12:48	12:52	BADLI	11kV LOAD	18
12.10.11	10	12:49	12:52	A - 7 NARELA	11kV LOAD	0
12.10.11	11	13:41	13:51	WAZIR PUR - I	11kV LOAD	12
12.10.11	12	13:41	13:49	HAIDER PUR	11kV LOAD	3
12.10.11	13	13:42	13:51	WAZIR PUR - II	11kV LOAD	3

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
12.10.11	14	13:42	14:03	WAZIR PUR - II	11kV LOAD	1
12.10.11	15	14:16	15:07	WAZIR PUR - II	11kV LOAD	1
12.10.11	16	14:16	15:08	WAZIRABAD	11kV LOAD	1
12.10.11	17	14:16	15:08	ASHOK VIHAR	11kV LOAD	11
12.10.11	18	10:55	11:20	NAJAFGARH	66kV G-5 PAPANKALAN CKT. I & II, 11kV LOAD	23
12.10.11	19	12:01	12:32	VASANT KUNJ	11kV LOAD	11
12.10.11	20	14:13	15:19	KASHMIRI GATE	11kV LOAD	16
12.10.11	21	10:58	11:58	WAZIRABAD	66kV GHONDA CKT. II	43
14.01.11	1	18:12	18:18	KASHMIRI GATE	11kV LOAD	5