DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

OCTOBER 2014

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	OCTOBER 2013	OCTOBER 2014
1	**Effective Generation Capacity within Delhi in MW**		
	Rajghat Power House	135	135
	Gas Turbine	270	270
	Pragati Power Corporation Ltd.	330	330
	Badapur Thermal Power Station	705	705
	Rithala GT	108	108
	Bawana	902	1372
	TOWMCL	16	16
	Total	2466	2936
2	**Maximum Unrestricted Demand (MW)**	**4316**	**4570**
	Date	09.10.2013	07.10.2014
	Time	19.26.56	22.59.50
3	**Peak Demand met (MW)**	**4306**	**4570**
	Date	09.10.2013	07.10.2014
	Time	19.26.56	22.59.50
4	Peak Availability (MW)	4306	4358
5	Shortage (-) / Surplus (+) in MW	(-) 16	(-) 212
6	Percentage Shortage (-) / Surplus (+)	(-) 0.37	(-) 4.64
7	Maximum Energy Consume in a day (Mus)	83.200	97.7123
8	Energy Consumed during the month	**2156.071**	**2348.903**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.005	0.006
ii)	Manual Load shedding from DTL S/Stns.	0.000	0.000
iii)	Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation		
	NDPL	0.492	0.322
	BRPL	1.084	1.799
	BYPL	0.771	0.425
	NDMC	0.000	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.439	0.000
	Total due to Grid Restriction	**2.791**	**2.552**
B)	Due to Constraints in System in Mus		
	DTL	0.351	0.186
	NDPL	0.080	0.258
	BRPL	0.383	0.349
	BYPL	0.251	0.229
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.151	0.002
	Total	**1.216**	**1.024**
11	**Grand Total in Mus**	**4.007**	**3.576**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING OCTOBER 2014

A) For the month of October 2014

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	**RPH**	0.009	0.646	-0.637	645.95	57.875
2.	**GT**	70.258	2.410	67.848	71.19	72.170
3.	**PPCL**	209.495	5.335	204.160	94.81	22.074
4.	**BTPS**	318.925	32.634	286.291	77.38	70.473
5.	**Rithala**	0.000	0.062	-0.062	**89.17**	61.008
6.	**Bawana**	274.404	10.060	264.344	--	672.611
7.	**Towmcl**	13.153	1.759	11.394	--	--
	TOTAL	**886.244**	**52.906**	**833.338**	**--**	**956.211**

B) For the Year 2013-14 (Upto October 2014)

Power Station	Effective Capacity (MW)	Net Generation in MUs for Oct. 2014	Availability (%) for Oct 2014	PLF (%) for Oct 2014	Cumulative Generation in MUs upto Oct 2014 for the year 2014-15	Cumulative Availability in % upto Oct 2014 for the year 2014-15	Cumulative PLF in % upto Oct 2014 for the year 2014-15
RPH	135	-0.637	645.95	-1002	290.754	65.69	46.99
GT	270	67.848	71.19	34.15	581.364	62.66	43.16
PPCL	330	204.160	94.81	85.54	1149.547	73.63	69.84
BTPS	705	286.291	77.38	62.28	2073.3	78.90	63.46
Rithala	108	-0.062	**89.17**	0.00	-0.417	**89.17**	**0.00**
Bawana	1372	264.344	--	26.90	1106.402	--	--
Towmcl	16	11.394	--	110.49	71.946	--	--
TOTAL	2936	**833.338**	**--**	**--**	**5272.896**	**--**	--

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

1. RPH

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	04.11.13	12.00	16.04.14	10.50	Stopped due to low demand and high frequency
		04.05.14	10.35	07.05.14	03.10	Boiler tube leakage
		07.05.14	15.35	07.05.14	16.20	Loss of fuel
		07.05.14	16.40	07.05.14	19.25	Loss of fuel
		10.05.14	22.30	10.05.14	23.20	Flame failure
		13.05.14	10.45	14.05.14	15.10	Stopped due to low demand and high frequency
		14.05.14	15.40	14.05.14	16.25	Drum level low
		14.05.14	17.30	14.05.14	17.55	Excitation failure
		22.05.14	09.20	22.05.14	10.45	Turbine trip
		22.05.14	22.25	23.05.14	00.50	Flame failure
		23.05.14	22.30	24.05.14	00.00	Turbine trip
		24.05.14	00.50	24.05.14	01.20	Furnance pressure very high
		30.05.14	16.55	31.05.14	00.00	Unit tripped due to grid disturbance
		31.05.14	00.15	31.05.14	02.30	Drum level low
		09.06.14	13.15	09.06.14	19.25	Unit tripped due to 220kV supply fail
		21.06.14	18.00	21.06.14	20.05	Unit tripped due to 220kV supply fail
		23.06.14	01.40	23.06.14	04.05	Unit tripped due to 220kV supply fail
		25.06.14	05.00	25.06.14	09.25	Unit tripped due to 220kV supply fail
		02.07.14	14.05	02.07.14	16.10	Unit tripped due to 220kV supply failure
		03.07.14	12.05	05.07.14	17.15	Boiler tube leakage
		18.07.14	03.20	18.07.14	06.20	Tripped due to turbine trip
		12.08.14	01.20	16.08.14	20.30	Stopped due to low demand and high frequency
		17.08.14	11.30	19.08.14	23.00	Stopped to attend boiler tube leakage
		22.08.14	10.05	22.08.14	12.20	Unit tirpped duew to flame failure
		23.08.14	12.20	23.08.14	22.20	Desynchronised due to heavy water leakage from spary line.
		16.09.14	04.45	16.09.14	17.25	Unit tripped due to furnance pr high
		20.09.14	03.10	20.09.14	04.10	
		20.09.14	22.45	22.09.14	23.05	Boiler tube leakage
		26.09.14	10.15	31.10.14	23.59	Tripped due to flame failure , later on Stopped due to low demand and high frequency from 01.10.2014

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	**67.5**	15.03.14	18.00	16.04.14	04.40	Stopped due to low demand and high frequency
		27.04.14	19.30	05.05.14	01.25	Desynchronized on ETD due to fire hazard at boiler corder no. 4
		14.05.14	18.45	17.05.14	17.50	Stopped due to low demand and high frequency
		30.05.14	16.55	30.05.14	23.30	Unit tripped due to grid disturbance
		04.06.14	00.20	05.06.14	00.45	Boiler tube leakage
		07.06.14	11.00	07.06.14	12.05	Turbine trip
		09.06.14	13.15	09.06.14	15.50	Unit tripped due to 220kV supply fail
		21.06.14	18.00	21.06.14	22.50	
		23.06.14	01.40	23.06.14	08.30	
		25.06.14	05.05	25.06.14	07.50	
		02.07.14	14.05	02.07.14	15.50	
		05.07.14	10.10	06.07.14	00.25	Tripped due to condenser vaccum low
		06.07.14	12.15	13.07.14	00.10	Boiler tube leakage
		16.07.14	10.30	16.07.14	11.05	Unit tripped due to UAT oil level low
		18.07.14	08.00	21.07.14	11.10	Boiler tube leakage
		06.08.14	18.10	08.08.14	24.00	Boiler tube leakage
		09.08.14	00.00	12.08.14	23.40	Stopped due to low demand and high frequency
		22.08.14	18.00	30.08.14	00.50	Boiler tube leakage
		10.09.14	04.45	10.09.14	05.45	Unit tripped due to furnance pr high
		11.09.14	20.10	16.09.14	20.40	Boiler tube leakage
		25.09.14	12.45	25.09.14	14.10	Unit tripped due to DC control supply failure
		27.09.14	00.45	27.09.14	01.25	Tripped due to turbine trip
		27.09.14	06.40	27.09.14	07.15	Unit tripped due to condansor vaccume low
		28.09.14	01.00	28.09.14	04.35	Unit tripped due to drum level high
		28.09.14	13.40	28.09.14	14.55	Unit tripped due to 220kv supply failure
		01.10.14	00.15	31.10.14	23.59	Stopped due to low demand and high frequency

(B) Gas Turbine

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	30	27.03.14	13.10	15.04.14	18.28	Stopped due to low demand and high frequency
		15.04.14	18.38	15.04.14	19.45	Machine tripped due to grid disturbance
		14.06.14	02.02	16.04.14	08.01	Stopped due to low demand and high frequency
		16.04.14	18.15	23.04.14	19.45	
		04.05.14	10.05	04.05.14	13.45	Stopped due to LTTH High
		25.05.14	03.31	26.05.14	18.02	Stopped due to low demand and high frequency
		27.05.14	12.16	28.05.14	20.11	
		30.05.14	16.55	30.05.14	17.30	Machine came on FSNL due to grid disturbance.
		02.06.14	03.27	02.06.14	05.55	Due to tripping of 20 MVA Tr. Machine tripped
		03.06.14	19.02	03.06.14	20.21	Due to tripping of 6.6 KV Bus Coupler machine came on FSNL
		09.06.14	13.12	09.06.14	13.42	Machine came on FSNL as the 220 KV Bus became dead at IP Ext end.
		13.06.14	23.10	14.06.14	01.45	Tripped on loss of excitation
		14.06.14	01.45	16.06.14	12.49	Stopped due to low demand and high frequency
		18.06.14	09.10	18.06.14	11.20	Tripped on loss of excitation
		21.06.14	17.56	21.06.14	18.48	Due to Heavy Jerk (Due to 220 KV Pragati-Sarita Vihar line tripped)
		25.06.14	05.00	25.06.14	06.10	Machine tripped due to failure of Grid
		25.06.14	14.55	25.06.14	15.10	Due to Jerk both 160 MVA Tx. Tripped
		30.06.14	05.02	30.06.14	06.05	machine tripped due to failure of auxiliary Supply
		30.06.14	13.32	30.06.14	17.06	Stopped as per SLDC as generation not required in OC mode
		02.07.14	14.02	02.07.14	14.58	Machine tripped due to both 160MVA Trfs. tripped from 220 KVA side.
		06.07.14	14.15	07.07.14	12.15	Stopped due to low demand and high frequency
		07.07.14	12.15	07.07.14	17.08	Machine could not be taken on load due to leakaage of oil.
		09.07.14	17.20	10.07.14	17.10	Machine tripped due to tripping of AOP.
		10.07.14	17.35	10.07.14	18.34	Machine tripped due to loss of exictation.
		17.07.14	21.16	18.07.14	03.45	Stopped due to low demand and high frequency
		18.07.14	03.45	18.07.14	12.45	Due to failure of auxillary supply
		18.07.14	12.45	19.07.14	18.32	Stopped due to low demand and high frequency
		25.07.14	08.01	31.07.14	07.58	
		04.08.14	19:18	06.08.14	13:51	
		06-08-14	15:20	06-08-14	17:40	
		07-08-14	09:46	19-08-14	11:40	
		28-08-14	17:54	20-09-14	17.12	
		04-10-14	17:45	31-10-14	23:59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	01.02.14	17.00	31.10.14	23.59	Machine stopped due to high viberation

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	27.03.14	16.38	15.04.14	17.50	Stopped due to low demand and high frequency
		15.04.14	18.38	15.04.14	19.05	Machine tripped due to grid disturbance
		18.04.14	17.47	18.04.14	18.55	Tripped on electrical trouble normal shutdown
		06.05.14	11.00	06.05.14	15.05	Stopped due to LTTH High
		06.05.14	15.15	06.05.14	17.30	
		07.05.14	10.46	07.05.14	19.31	
		12.05.14	17.21	12.05.14	18.05	Tripped on loss of flame
		13.05.14	00.22	13.05.14	00.54	
		13.05.14	20.25	22.05.14	12.10	Stopped due to low demand and high frequency
		25.05.14	00.58	25.05.14	01.26	Due to trid disturbance machine came on FSNL
		30.05.14	16.55	30.05.14	17.25	
		04.06.14	14.47	04.06.14	16.10	Machine tripped due to Middle section of Base radiator punctured due to falling of angle from APRDS Floor
		09.06.14	13.12	09.06.14	13.36	Machine came on FSNL as the 220 KV Bus became dead at IP Ext end.
		20.06.14	21.02	30.06.14	12.50	Machine started but could not be taken on load due to failure of diesel Engine
		02.07.14	14.02	02.07.14	14.58	Machine came on FSNL both 160MVA Trfs. tripped from 220 KVA side.
		17.07.14	21.14	18.07.14	03.45	Stopped due to low demand and high frequency
		18.07.14	03.45	19.07.14	17.22	Due to failure of auxillary supply
		31.07.14	00.12	31.07.14	15.24	Machine tripped as both 160 MVA Tr-I & II tripped
		04-08-14	14:05	06-08-14	10:22	Stopped due to low demand and high frequency
		06-08-14	15:22	16-08-14	14:45	
		16-08-14	21:31	28-08-14	17:10	
		11-10-14	16:44	14-10-14	12:10	
		14-10-14	14:33	31-10-14	23:59	

Unit No	Capacit y in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	30	27.03.14	18.30	06.06.14	12.30	Machine is under shutdown for HGPI
		09.06.14	13.12	09.06.14	13.34	Machine came on FSNL as the 220 KV Bus became dea at IP Ext end.
		21.06.14	17.56	21.06.14	19.05	Came on FSNL due to tripping of 160 MVA Tr-1& II.
		25.06.14	05.01	25.06.14	06.45	Came on FSNL due to tripping of 160 MVA Tr-1& II.
		25.06.14	08.45	25.06.14	17.26	Machine could not be taken on load due Diode Rotating diode fault fault on protection panel.
		30.06.14	05.30	30.06.14	06.10	machine tripped due to failure of auxiliary Supply
		02.07.14	14.02	02.07.14	14.47	Machine came on FSNL both 160MVA Trfs. tripped from 220 KVA side.
		17.07.14	23.46	18.07.14	03.45	Machine tripped due to both 160MVA Trfs. tripped .
		18.07.14	03.45	18.07.14	12.42	Due to failure of auxillary supply
		29.07.14	09.45	31.07.14	03.14	Stopped due to low demand and high frequency
		31.07.14	04.50	31.07.14	06.35	Machine tripped as both 160 MVA Tr-I & II tripped
		04-08-14	19:09	06-08-14	10:28	Stopped due to low demand and high frequency
		06-08-14	13:01	16-08-14	14:47	
		16-08-14	21:32	27-08-14	11:08	
		05-10-14	17:20	11-10-14	15:58	
		14-10-14	18:50	31-10-14	23:59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	30	12.04.14	09.50	12.04.14	10.41	Machine tripped due to grid disturbance
		15.04.14	18.38	15.04.14	18.48	
		07.05.14	13.30	13.05.14	18.50	Machine tripped due to LTTH High . After that it is not available due to problem in Diesal engine.
		25.05.14	00.58	25.05.14	01.30	Due to trid disturbance machine came on FSNL
		30.05.14	16.55	30.05.14	19.15	
		06.06.14	02.35	06.06.14	11.30	Stopped due to low demand and high frequency
		06.06.14	11.30	06.06.14	17.15	Machine tripped on high Exhaust temperature.
		09.06.14	13.12	09.06.14	13.20	Machine came on FSNL as the 220 KV Bus became dea at IP Ext end.
		20.06.14	10.50	20.06.14	10.56	machine came on FSNL due to tripping of 7.5 MVA Auxiliary Transformer due to jerk.
		21.06.14	17.56	21.06.14	18.31	Machine came on FSNL as the 220 KV Bus became dea at IP Ext end.
		25.06.14	05.01	25.06.14	08.45	Machine came on FSNL as the 220 KV Bus became dea at IP Ext end.
		25.06.14	08.45	25.06.14	11.02	machine could not be taken on load due to starting device trip.
		25.06.14	14.45	25.06.14	18.09	Machine tripped as the 220 KV Bus became dea at IP Ext end.
		26.06.14	02.46	26.06.14	15.13	Stopped due to low demand and high frequency
		29.06.14	00.05	30.06.14	17.10	
		01.07.14	01.45	02.07.14	17.08	
		03.07.14	02.45	03.07.14	15.40	
		17.07.14	23.46	18.07.14	03.45	Machine tripped due to both 160MVA Trfs. tripped .
		18.07.14	03.45	18.07.14	12.52	Due to failure of auxillary supply
		31.07.14	00.12	31.07.14	00.46	Machine tripped as both 160 MVA Tr-I & II tripped
		31.07.14	04.50	01-08-14	14:44	Machine tripped as both 160 MVA Tr-I & II tripped and not taken on load due to no demand from SLDC
		01-08-14	16:48	07-08-14	14:50	Stopped due to low demand and high frequency
		31-08-14	13:45	09-09-14	19:18	
		20-09-14	12:15	04.10.14	13.25	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
6	30	12.04.14	09.50	12.04.14	09.55	Machine tripped due to grid disturbance
		15.04.14	18.38	15.04.14	18.50	
		30.05.14	16.55	30.05.14	17.23	Due to trid disturbance machine came on FSNL
		02.06.14	03.27	02.06.14	04.10	Due to tripping of 20 MVA Tr. Machine came on FSNL
		03.06.14	19.02	03.06.14	20.07	Due to tripping of 6.6 Bus Coupler machine came on FSNL
		06.06.14	02.32	06.06.14	11.30	Stopped due to low demand and high frequency
		06.06.14	11.30	06.06.14	18.00	machine not taken on load due to problem in Diesel Engine
		06.06.14	18.00	11.06.14	11.45	Stopped due to low demand and high frequency
		21.06.14	17.56	21.06.14	18.42	Machine came on FSNL as the 220 KV Bus became dea at IP Ext end.
		25.06.14	05.01	25.06.14	05.28	Machine came on FSNL as the 220 KV Bus became dea at IP Ext end.
		25.06.14	14.45	25.06.14	15.10	Came on FSNL due to tripping of 160 MVA Tr-1& II.
		26.06.14	02.47	26.06.14	18.02	Stopped due to low demand and high frequency
		29.06.14	00.02	30.06.14	17.41	
		01.07.14	01.50	02.07.14	17.01	
		03.07.14	02.45	03.07.14	11.25	
		03.07.14	15.52	04.07.14	17.10	
		17.07.14	23.46	18.07.14	01.56	Machine came on FSNL both 160MVA Trfs. Tripped.
		18.07.14	02.10	18.07.14	13.29	Due to failure of auxillary supply
		20.07.14	08.16	22.07.14	11.14	Stopped due to low demand and high frequency
		29.07.14	09.45	04-08-14	11:14	
		05-08-14	03:07	05-08-14	09:43	
		30-08-14	09:15	09-09-14	19:22	
		20-09-14	12:17	05-10-14	16:09	
		14-10-14	12:50	14-10-14	18:04	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-1	30	27.03.14	13.20	15.04.14	23.36	Stopped due to low demand and high frequency
		15.04.14	23.39	16.04.14	00.38	Gen. class A trip
		16.04.14	00.52	16.04.14	12.20	
		16.04.14	16.20	16.04.14	22.00	Turbine shaft virbraiton very high
		16.04.14	22.00	23.04.14	22.54	Stopped due to low demand and high frequency
		24.04.14	02.30	24.04.14	04.02	Turbine shaft virbration very high at bearing no 3
		24.04314	05.30	24.04.14	11.35	
		26.04.14	14.40	26.04.14	15.22	
		01.05.14	20.40	02.05.14	05.45	Machine manually tripped due to heavy abnormal sound in CEP
		04.05.14	10.10	04.05.14	15.30	G.T. stopped due to LTTH High, so STG stopped
		06.05.14	17.20	06.05.14	21.30	Machine tripped due to Oil pressure problem
		12.05.14	22.18	12.05.14	23.10	Tripped on Trip oil pressure very low
		14.05.14	12.05	14.05.14	14.58	Tripped on Class A relay and 40G relay operated
		25.05.14	00.58	25.05.14	03.30	Tripped due to grid disturbance
		25.05.14	03.30	25.05.14	21.30	machine under shutdown due to truning gear problem
		25.05.14	21.30	26.05.14	21.05	Stopped due to low demand and high frequency
		27.05.14	08.46	27.05.14	17.30	Machine tripped due to low vaccum
		27.05.14	17.30	28.05.14	23.52	Stopped due to low demand and high frequency
		29.05.14	09.20	29.05.14	10.07	Tripped on trip oil pressure very low
		29.05.14	12.38	29.05.14	14.04	
		30.05.14	16.55	30.05.14	19.05	Tripped due to grid disturbance
		02.06.14	03.27	02.06.14	07.03	Due to tripping of 20 MVA Tr. Machine tripped
		03.06.14	19.02	03.06.14	22.07	Due to tripping of 6.6 Bus Coupler machine tripped
		09.06.14	13.12	09.06.14	14.40	Machine came on FSNL as the 220 KV Bus became dea at IP Ext end.
		13.06.14	23.10	14.06.14	02.15	Machine tripped due to tripping of GT#1 on loss of Excitation.
		14.06.14	02.15	16.06.14	15.18	Stopped due to low demand and high frequency
		18.06.14	09.10	18.06.14	12.50	Machine tripped due to tripping of GT#1 on loss of Excitation.
		20.06.14	10.50	20.06.14	17.20	machine tripped due to tripping of 7.5 MVA Auxiliary Trr due to jerk.
		21.06.14	17.56	21.06.14	20.28	Due to Heavy Jerk,GT and STG tripped
		25.06.14	05.01	25.06.14	07.40	Due to Jerk machine tripped
		25.06.14	14.45	25.06.14	16.13	Due to Jerk both 160 MVA Tx. Tripped
		30.06.14	05.02	30.06.14	23.56	Machine tripped due to tripping of Auxilairy Transformer.
		01.07.14	12.13	01.07.14	13.10	Machine triipped due to jerk,bus coupler of 6.6KV bus bar tripped
		02.07.14	14.02	02.07.14	16.00	Machine tripped due to both 160MVA Trs. tripped
		06.07.14	14.15	07.07.14	12.15	Stopped due to low demand and high frequency
		07.07.14	12.15	07.07.14	19.30	Machine could not be taken on load due to non availability of GT#1.
		09.07.14	17.20	10.07.14	20.08	Machine tripped due to tripping of AOP of GT#1..
		12.07.14	21.40	12.07.14	22.30	Machine tripped due to failure of Auxiliary supply
		17.07.14	21.16	18.07.14	03.45	Stopped due to low demand and high frequency
		18.07.14	03.45	18.07.14	12.45	Due to failure of auxillary supply
		18.07.14	12.45	19.07.14	20.35	Stopped due to low demand and high frequency
		25.07.14	08.01	31.07.14	14.10	
		04-08-14	19:11	06-08-14	19:33	
		06-08-14	19:44	06-08-14	23:26	Stopped due to oil leakage in servo motor.

STG-1	**30**	06-08-14	23:32	12-08-14	12:00	Stopped due to oil leakage in servo motor.
		12-08-14	12:00	16-08-14	20:15	Stopped due to low demand and high frequency
		16-08-14	20:15	16-08-14	22:15	Problem in DC EOP
		16-08-14	22:15	19-08-14	14:55	Stopped due to low demand and high frequency
		28-08-14	17:54	20-09-14	12:15	
		20-09-14	12:15	20-09-14	20:15	Machine could not be taken due to water leakage in HRSG#1
		24-09-14	04:17	24-09-14	05:18	Tripped due to Trip oil pressure very low
		04-10-14	17:45	11-10-14	13:00	Stopped due to low demand and high frequency
		11-10-14	13:00	31-10-14	23:59	Machine stopped due to bearing inspection.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -2	**30**	27.03.14	16.45	16.04.14	01.50	Stopped due to low demand and high frequency
		18.04.14	17.47	18.04.14	20.40	Machine tripped due to tripping of G.T.
		06.05.14	11.05	06.05.14	23.59	G.T. stopped due to LTTH high, so STG stopped
		07.05.14	10.46	07.05.14	23.10	
		12.05.14	17.22	12.05.14	19.05	Tripped due to tripping of G.T. (machine running on single G.T.)
		13.05.14	00.22	13.05.14	01.40	
		13.05.14	20.25	22.05.14	15.50	Stopped due to low demand and high frequency
		25.05.14	00.58	25.05.14	02.05	Tripped due to grid disturbance
		30.05.14	00.01	30.05.14	23.56	Machine not available due to non availabvility of DC EOP
		02.06.14	03.27	02.06.14	06.12	Due to tripping of 20 MVA Tr. Machine tripped
		04.06.14	10.20	04.06.14	10.38	Machine tripped due to malfunction of MS-14 valve
		04.06.14	14.47	04.06.14	16.48	STG tripped due to tripping of GT#3 .
		09.06.14	13.12	09.06.14	14.25	Machine tripped due to Grid disturbance
		17.06.14	18.43	17.06.14	19.28	Machine tripped on low vacum as drum pr could not be maintained due to tripping of BFP-2A.
		20.06.14	10.50	20.06.14	11.50	Machine tripped due to tripping of Auxilairy Transformer.
		21.06.14	17.56	21.06.14	20.35	Due to Heavy Jerk,GT and STG tripped
		22.06.14	02.00	22.06.14	03.09	Machine tripped on Turbine RJB shaft vibration very high.
		25.06.14	05.01	25.06.14	08.45	Machine tripped due to failure of Grid
		25.06.14	08.45	25.06.14	19.28	machine could not be taken as both GT 3 & 4 were not available
		30.06.14	05.30	30.06.14	07.06	Machine tripped due to tripping of Auxilairy Transformer.
		01.07.14	12.13	01.07.14	14.01	Machine triipped due to jerk,bus coupler of 6.6KV bus bar tripped
		02.07.14	13.58	02.07.14	15.10	Machine triipped due to heavy jerk occurred in control room.
		12.07.14	11.24	12.07.14	12.45	Machine tripped on low vaccum as Auxiliary supply failed to CEP & BFP due to tripping of 6.6 KV Bus Coupler
		17.07.14	23.46	18.07.14	03.45	Machine tripped due to both 160MVA Trfs. tripped .
		18.07.14	03.45	18.07.14	15.53	Due to failure of auxillary supply
		23.07.14	09.19	23.07.14	11.38	Machine triipped due to malfuctioning of relay.
		31.07.14	00.12	31.07.14	08.40	Machine tripped as both 160 MVA Tr-I & II tripped
		04-08-14	19:11	06-08-14	15:00	Stopped due to low demand and high frequency
		06-08-14	15:00	08-08-14	10:45	Machine not taken due to problem in ESV
		08-08-14	10:45	16-08-14	19:15	Stopped due to low demand and high frequency
		16-08-14	19:15	26-08-14	21:45	Not available due to problem in ESV
		26-08-14	21:45	27-08-14	13:48	Stopped due to low demand and high frequency
		27-08-14	13:53	27-08-14	14:48	Tripped due to false alarm of housing vibration.
		14-10-14	18:50	31-10-14	23:59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-3	30	12.04.14	09.50	12.04.14	11.34	Machine tripped due to grid disturbance
		15.04.14	18.38	15.04.14	21.15	
		10.05.14	17.45	10.05.14	19.08	Machine tripped due to card malfunction
		25.05.14	00.58	25.05.14	02.15	Machine tripped due to grid disturbance
		30.05.14	16.55	30.05.14	18.25	
		02.06.14	03.27	02.06.14	05.07	Due to tripping of 20 MVA Tr. Machine tripped
		03.06.14	09.12	11.06.14	10.59	Machine stopped due to Fire at Bearing No.#1
		21.06.14	17.56	21.06.14	21.30	Due to Heavy Jerk,GT and STG tripped
		25.06.14	05.01	25.06.14	08.05	Machine tripped due to failure of Grid
		25.06.14	14.05	25.06.14	22.27	Machine tripped manually due to fire observed at bearing #1.
		26.06.14	01.51	26.06.14	21.43	
		27.06.14	02.50	27.06.14	11.45	
		27.06.14	12.56	28.06.14	12.00	
		28.06.14	13.10	05.07.14	21.43	Machine not available due to leakage of oil from bearing#1
		09.07.14	22.15	09.07.14	23.10	Machine tripped due to class-A relay tripped.Relays 86X
		12.07.14	11.24	12.07.14	12.03	Machine tripped on low vaccum as Auxiliary supply failed to CEP & BFP due to tripping of 6.6 KV Bus Coupler
		17.07.14	23.46	18.07.14	03.45	Machine tripped due to both 160MVA Trs. tripped .
		18.07.14	03.45	18.07.14	14.42	Due to failure of auxillary supply
		31.07.14	00.12	31.07.14	03.52	Machine tripped as both 160 MVA Tr-I & II tripped
		31.07.14	04.50	31.07.14	23.59	Machine tripped as both 160 MVA Tr-I & II tripped and not taken on load due to no demand from SLDC
		01-08-14	00:00	04-08-14	13:58	Stopped due to low demand and high frequency
		04-08-14	15:38	04-08-14	16:20	Machine tripped due to following relays operation-86GA1,86GB1 & Aux. relay-60AX
		04-08-14	16:35	04-08-14	19:03	Stopped due non availability of both BFPs.
		31-08-14	13:45	10-09-14	00:58	Stopped due to low demand and high frequency
		20-09-14	12:17	26-09-14	15:30	Machine stopped due to condenser cleaning
		26-09-14	15:30	04-10-14	17:32	Stopped due to low demand and high frequency
		08-10-14	15:38	08-10-14	18:16	Machine tripped suddenly when all parameters were normal. Its vaccum fell suddenly from 0.86 at 15:37 hrs to 0.74 at 15:38 hrs. on checking at site it was found that vaccum breake valve opened up. Two numbers fuses were found burnt in vaccum breaker MCC.
		20-10-14	15:40	20-10-14	16:21	Machine tripped on vacuum tank level high false alrm due to malfunctioning of switch.

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	24.04.14	17.21	24.04.14	21.14	Tripped On internal fault
		24.04.14	21.35	24.04.14	23.26	Tripped on internal fault
		28.04.14	00.00	28.04.14	10.00	Stopped due to less demand and high frequency
		28.04.14	10.00	18.06.14	15.06	Stopped for MI
		21.06.14	11.11	22.06.14	22.11	To attend leakage after planned shutdown of MI
		25.06.14	05.01	25.06.14	06.00	Tripped due to grid disturbance
		02.07.14	14.05	02.07.14	15.34	Tripped due to grid disturbance
		11.07.14	14.15	11.07.14	14.45	Tripped on internal fault
		21.07.14	20.13	21.07.14	21.50	
		22.07.14	15.26	22.07.14	16.11	
		23.07.14	00.00	23.07.14	04.24	Stopped to attend internal fault

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	104	08.04.14	08.58	27.04.14	22.31	Stopped for CI
		02.05.14	15.29	02.05.14	16.59	Tripped on internal fault
		04.05.14	15.37	04.05.14	16.39	
		25.05.14	00.58	25.05.14	02.50	Tripped due to grid disturbance
		14.06.14	13.35	14.06.14	14.06	Tripped on internal fault
		06.07.14	17.14	06.07.14	18.04	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	122	11.04.14	11.04	11.04.14	11.57	STG tripped on internal fault
		16.04.14	00.00	19.05.14	02.43	STG stopped for bearing inspection and condenser chemical cleaning.
		25.05.14	00.58	25.05.14	03.53	Tripped due to grid disturbance
		27.05.14	10.00	27.05.14	11.18	Tripped on internal fault
		30.05.14	16.56	30.05.14	18.12	Tripped due to grid disturbance
		09.06.14	13.12	09.06.14	13.57	
		13.06.14	02.36	13.06.14	03.41	
		16.06.14	11.41	16.06.14	12.23	Tripped on internal fault
		21.06.14	17.55	21.06.14	18.40	Tripped due to grid disturbance
		25.06.14	05.01	25.06.14	06.58	
		02.07.14	14.05	02.07.14	14.14	
		06.07.14	17.14	06.07.14	18.29	
		29.07.14	04.44	29.07.14	05.38	STG tripped on internal fault

(D) BADARPUR THERMAL POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	95	14.05.14	17.37	19.05.14	09.36	Stopped due to low demand and high frequency
		30.05.14	17.08	30.05.14	19.17	Tripped due to grid disturbance
		20.06.14	12.15	21.05.14	06.25	Water wall leakage
		17.07.14	23.22	18.07.14	05.33	Battery / DC System problem
		18.07.14	05.45	18.07.14	07.00	Bus dead, PA Fan rotating reverse direction
		18.07.14	16.19	28.07.14	08.09	Stopped due to low demand and high frequency
		22.08.14	02.30	26.08.14	00.00	Coal supply to bunkers
		26.08.14	00.00	30.09.14	23.59	Coal shortage
		17.10.14	18.16	22.10.14	15.35	Stopped due to low demand and high frequency
		22.10.14	15.35	29.10.14	15.15	Stopped due to coal shortage
		29.10.14	15.15	31.10.14	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	95	25.04.14	12.17	30.04.14	21.27	Stopped due to low demand and high frequency
		03.05.14	17.41	03.05.14	18.58	Tripped due to grid disturbance
		04.05.14	20.51	05.05.14	00.16	AVR & Excitation system
		22.05.14	09.27	31.05.14	12.13	CW Pum pit cleaning
		06.07.14	01.50	06.07.14	09.50	LT Bus problem
		06.07.14	09.50	08.07.14	06.25	ID Fan bearing problem
		24.07.14	02.48	24.07.14	04.34	Furnance disturbance
		30.07.14	20.12	31.07.14	23.59	Stopped due to low demand and high frequency
		01.08.14	22.00	26.08.14	00.00	Planned shutdown
		26.08.14	00.00	27.09.14	13.30	Coal shortage
		27.09.14	13.30	30.09.14	23.59	Stopped due to low demand and high frequency
		05.10.14	11.13	31.10.14	15.30	Stopped due to coal shortage
		31.10.14	15.30	31.10.14	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	95	11.03.14	21.15	01.05.14	13.55	Stopped due to low demand and high frequency
		03.05.14	17.41	03.05.14	19.43	Tripped due to grid disturbance
		10.05.14	15.55	11.05.14	17.22	Water wall leakage (Screentube LHS)
		30.05.14	17.08	30.05.14	20.05	Tripped due to grid disturbance
		30.05.14	21.22	30.05.14	22.41	
		30.05.14	23.53	30.05.14	23.59	AVR & Excitation system problem
		14.06.14	15.18	14.06.14	19.44	Generator Protection
		21.06.14	14.14	22.06.14	14.34	Water wall lleakage
		26.06.14	20.20	28.06.14	01.18	Economizer tube leakage
		08.07.14	08.58	08.07.14	10.16	Furnance disturbance
		11.07.14	10.37	11.07.14	11.57	C&I induced (Axial shift)
		24.07.14	00.46	31.07.14	23.59	Stopped due to low demand and high frequency
		20.08.14	00.00	26.08.14	00.00	Coal supply to bunkars
		26.08.14	00.00	30.09.14	23.59	Major planned shutdown
		10.10.14	17.08	10.10.14	19.08	Stopped for Electrical testing
		10.10.14	19.08	12.10.14	15.40	Coal shortage
		12.10.14	21.42	22.10.14	19.34	Caol shortage
		25.10.14	22.04	31.10.14	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	210	05.03.14	02.11	21.04.14	15.16	Planned shutdown
		30.04.14	14.18	01.05.14	21.00	Economizer Tube leakage
		01.05.14	21.00	05.05.14	11.13	Tripped due to grid disturbance
		25.05.14	20.26	28.05.14	07.55	Reheater tube leakage
		30.05.14	17.08	30.05.14	22.08	Tripped due to grid disturbance
		04.08.14	11.49	04.08.14	17.52	Furnance disturbance
		22.08.14	09.42	22.08.14	13.02	Differential relay malfunction
		29.08.14	00.28	01.09.14	10.35	Coal shortage
		01.09.14	13.35	01.09.14	22.52	UAT Differential protection
		09.09.14	13.33	14.09.14	16.32	Coal shortage
		26.09.14	08.35	26.09.14	10.57	Transformer winding temp high

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	210	23.04.14	00.02	25.04.14	05.05	APH outlet Baffles found broken
		12.05.14	04.02	14.05.14	08.27	APH Outlet deflectors broken
		07.06.14	22.47	08.06.14	23.22	CW Pump trip
		13.06.14	11.01	13.06.14	15.51	AVR & Excitation system problem
		17.06.14	23.06	19.06.14	04.00	Economizer tube leakage
		19.06.14	04.00	20.06.14	16.45	PA Fan lub oil system problem
		07.07.14	20.01	09.07.14	03.03	Water wall leakage
		27.07.14	16.38	30.07.14	02.50	Water wall leakage

(E) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	25.09.13	12.05	10.06.14	18.34	Stopped due to low demand and high frequency
		13.06.14	09.20	16.06.14	16.48	
		21.06.14	01.25	23.06.14	08.34	
		28.06.14	06.42	11.07.14	11.29	
		12.07.14	09.50	21.07.14	08.20	
		09.08.14	00.19	09.08.14	02.21	Failure of compressor bleed solenoid valve
		09.08.14	18.59	09.08.14	21.24	
		10.08.14	10.30	11.08.14	05.57	
		03.09.14	17.32	03.09.14	19.14	Tripped with alarm on MARK #6 & simultaneously STG #1

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	216	11.10.13	10.40	29.04.14	16.10	Stopped due to low demand and high frequency
		29.04.14	16.37	29.04.14	17.52	Closure of gas valve
		08.05.14	18.55	22.05.14	15.59	Stopped due to low demand and high frequency
		23.05.14	18.26	04.06.14	14.18	
		12.06.14	16.56	18.06.14	18.34	Turbine compartment vent fan pressure switch malfunctioned backing down after wards due to low demand
		23.06.14	05.11	27.06.14	18.58	Purge valve 20 PG-2 misbehaviour, I-P Convertor found misbehaving trip, thereafter shutdown due to low demand and high frequency
		11.07.14	17.05	12.07.14	06.50	Stopped due to low demand and high frequency
		17.07.14	22.16	19.08.14	14.10	
		23.08.14	12.45	23.08.14	14.48	HGTMCC Supply failure
		31.08.14	14.55	31.08.14	23.59	Stopped due to low demand and high frequency
		15.09.14	14.40	15.09.14	15.42	Tripped due to surge capacitor failure.

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	216	28.10.13	00.00	31.10.14	23:59	Commissioned on 28.10.13 and Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	216	27.02.14	00.00	31.10.14	23:59	Commissioned on 27.02.14 and Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-1	254	11.10.13	10.50	23.05.14	00.30	Stopped due to low demand and high frequency
		23.05.14	18.28	04.06.14	14.18	
		12.06.14	17.13	12.06.14	18.03	LP drum level high
		13.06.14	09.20	16.06.14	21.21	Stopped due to low demand and high frequency
		23.06.14	05.11	23.6.14	12.18	
		12.07.14	15.00	15.07.14	23.59	
		17.07.14	22.18	21.07.14	08.43	
		06.08.14	12.49	06.08.14	14.25	HRSG trip due to BFP Trip
		09.08.14	00.19	09.08.14	05.05	G.T. Trip
		09.08.14	18.59	10.08.14	00.08	
		10.08.14	10.30	11.08.14	09.03	
		03.09.14	17.32	04.09.14	03.51	STG tripped concequent to GT#1

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-2	254	27.03.14	00.00	31.10.14	23:59	Commissioned on 27.03.14 and Stopped due to low demand and high frequency

(F) RITHALA POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	31.8	19.03.13	17:32	30.10.14	23:59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	31.8	07.06.13	22:41	30.10.14	23:59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	31.8	07.06.13	22:38	30.10.14	23:59	Stopped due to low demand and high frequency

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. 27.03.2014

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

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	2	3	4	5	6	7	(8)=(5)+(7)
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	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	**9782**	**1302**	**2306**	**2016**	**0**	**0**	**2016**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	180	0	24	23	0	0	23
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	390	50	50	47	0	0	47
TOTAL	**3875**	**256**	**454**	**431**	**0**	**0**	**431**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**17437**	**1974**	**3147**	**2807**	**0**	**0**	**2807**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	377	338	0	0	338
Ultra Mega Projects							
Sasan	1320	0	149	128	0	0	128
Grand Total	**26217**	**2241**	**3933**	**3491**	**0**	**0**	**3491**

B) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 18.06.2014

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

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	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	**9782**	**1302**	**2306**	**2016**	**0**	**0**	**2016**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	180	0	24	23	0	0	23
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	520	66	66	63	0	0	63
TOTAL	**4005**	**272**	**471**	**447**	**0**	**0**	**447**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**17567**	**1990**	**3164**	**2823**	**0**	**0**	**2823**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	52	47	0	0	47
Ultra Mega Projects							
Sasan	1320	0	149	128	0	0	128
Grand Total	**26347**	**2257**	**3625**	**3215**	**0**	**0**	**3215**

C) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 21.06.2014

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

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	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	**9782**	**1302**	**2306**	**2016**	**0**	**0**	**2016**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	180	0	24	23	0	0	23
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	520	66	66	63	0	0	63
TOTAL	**4005**	**272**	**471**	**447**	**0**	**0**	**447**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**17567**	**1990**	**3164**	**2823**	**0**	**0**	**2823**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	0	0	0	0	0
Ultra Mega Projects							
Sasan	2640	0	297	255	0	0	255
Grand Total	**27667**	**2257**	**3721**	**3296**	**0**	**0**	**3296**

D) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 10.09.2014

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

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	576	500	0	0	500
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
TOTAL	**9782**	**1302**	**2126**	**1860**	**0**	**0**	**1860**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	180	0	24	23	0	0	23
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	520	66	66	63	0	0	63
TOTAL	**4005**	**272**	**471**	**447**	**0**	**0**	**447**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**17567**	**1990**	**2984**	**2667**	**0**	**0**	**2667**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	0	0	0	0	0
Ultra Mega Projects							
Sasan	2640	0	297	255	0	0	255
Grand Total	**27667**	**2257**	**3541**	**3140**	**0**	**0**	**3140**

5 ALLOCATION OF POWER TO DISCOMS

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

(Allocation In %)

(A) 10.00hrs. to 17.00hrs.

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

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

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

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

6 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING OCTOBER 2014

All figures in MW

Date	Time of peak demand	Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		RPH	GT	PPCL	Rithala	Bawana	Towmcl	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	23:31:33	0	105	291	0	300	15	347	1058	3429	3305	124	4487	0	4487
2	00:01:25	0	106	293	0	291	14	358	1062	3350	3146	204	4412	0	4412
3	23:17:51	0	106	267	0	277	14	449	1113	2927	2776	151	4040	0	4040
4	22:57:30	0	107	294	0	300	16	479	1196	3137	3083	54	4333	0	4333
5	23:21:07	0	111	291	0	301	16	399	1118	3168	2994	174	4286	0	4286
6	22:55:48	0	111	293	0	299	16	439	1158	3308	3206	102	4466	0	4466
7	22:59:50	0	111	294	0	295	16	423	1139	3431	3219	212	4570	0	4570
8	00:01:02	0	112	294	0	294	16	423	1139	3315	3206	109	4454	0	4454
9	19:02:37	0	110	296	0	457	15	437	1315	2876	2871	5	4191	17	4208
10	18:49:31	0	111	261	0	505	16	397	1290	2839	2837	2	4129	0	4129
11	18:26:30	0	115	266	0	496	13	407	1297	2560	2547	13	3857	0	3857
12	19:06:12	0	115	267	0	459	13	403	1257	2284	2301	-17	3541	0	3541
13	18:47:31	0	112	262	0	509	12	404	1299	2749	2632	117	4048	0	4048
14	18:33:47	0	96	264	0	456	12	419	1247	2539	2499	40	3786	0	3786
15	18:31:08	0	79	265	0	438	9	394	1185	2652	2639	13	3837	0	3837
16	19:01:45	0	78	275	0	453	16	386	1208	2443	2349	94	3651	17	3668
17	18:44:29	0	78	263	0	452	15	345	1153	2567	2462	105	3720	0	3720
18	18:25:52	0	77	268	0	462	10	347	1164	2354	2183	171	3518	15	3533
19	18:38:58	0	78	269	0	443	16	349	1155	2150	2196	-46	3305	0	3305
20	18:16:04	0	78	260	0	304	14	343	999	2688	2537	151	3687	0	3687
21	18:44:17	0	78	271	0	313	14	306	982	2735	2611	124	3717	0	3717
22	18:35:43	0	78	296	0	310	15	339	1038	2572	2458	114	3610	0	3610
23	18:43:46	0	78	264	0	295	16	371	1024	2243	2246	-3	3267	0	3267
24	18:52:21	0	78	265	0	311	15	368	1037	2131	2154	-23	3168	0	3168
25	19:02:08	0	78	260	0	313	12	377	1040	2225	2222	3	3265	0	3265
26	18:36:12	0	77	263	0	313	15	317	985	2172	2285	-113	3157	0	3157
27	18:31:01	0	77	263	0	295	15	295	945	2616	2576	40	3561	0	3561
28	18.31.28	0	77	264	0	312	12	325	990	2623	2539	84	3613	0	3613
29	18.25.46	0	75	262	0	291	14	309	951	2499	2389	110	3450	0	3450
30	18.30.00	0	76	262	0	314	14	330	996	2521	2437	84	3517	52	3569
31	18.30.00	0	78	263	0	318	12	359	1030	2472	2425	47	**3502**	0	3502

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING OCTOBER 2014

Date	Time of peak demand	Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		RPH	GT	PPCL	Rithala	Bawana	Townmcl	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	23:31:33	0	105	291	0	300	15	347	1058	3429	3305	124	4487	0	4487
2	00:01:25	0	106	293	0	291	14	358	1062	3350	3146	204	4412	0	4412
3	23:17:51	0	106	267	0	277	14	449	1113	2927	2776	151	4040	0	4040
4	22:57:30	0	107	294	0	300	16	479	1196	3137	3083	54	4333	0	4333
5	23:21:07	0	111	291	0	301	16	399	1118	3168	2994	174	4286	0	4286
6	22:55:48	0	111	293	0	299	16	439	1158	3308	3206	102	4466	0	4466
7	22:59:50	0	111	294	0	295	16	423	1139	3431	3219	212	4570	0	4570
8	00:01:02	0	112	294	0	294	16	423	1139	3315	3206	109	4454	0	4454
9	19:02:37	0	110	296	0	457	15	437	1315	2876	2871	5	4191	17	4208
10	18:49:31	0	111	261	0	505	16	397	1290	2839	2837	2	4129	0	4129
11	18:26:30	0	115	266	0	496	13	407	1297	2560	2547	13	3857	0	3857
12	19:06:12	0	115	267	0	459	13	403	1257	2284	2301	-17	3541	0	3541
13	18:47:31	0	112	262	0	509	12	404	1299	2749	2632	117	4048	0	4048
14	18:33:47	0	96	264	0	456	12	419	1247	2539	2499	40	3786	0	3786
15	18:31:08	0	79	265	0	438	9	394	1185	2652	2639	13	3837	0	3837
16	19:01:45	0	78	275	0	453	16	386	1208	2443	2349	94	3651	17	3668
17	18:44:29	0	78	263	0	452	15	345	1153	2567	2462	105	3720	0	3720
18	18:25:52	0	77	268	0	462	10	347	1164	2354	2183	171	3518	15	3533
19	18:38:58	0	78	269	0	443	16	349	1155	2150	2196	-46	3305	0	3305
20	18:16:04	0	78	260	0	304	14	343	999	2688	2537	151	3687	0	3687
21	18:44:17	0	78	271	0	313	14	306	982	2735	2611	124	3717	0	3717
22	18:35:43	0	78	296	0	310	15	339	1038	2572	2458	114	3610	0	3610
23	18:43:46	0	78	264	0	295	16	371	1024	2243	2246	-3	3267	0	3267
24	18:52:21	0	78	265	0	311	15	368	1037	2131	2154	-23	3168	0	3168
25	19:02:08	0	78	260	0	313	12	377	1040	2225	2222	3	3265	0	3265
26	18:36:12	0	77	263	0	313	15	317	985	2172	2285	-113	3157	0	3157
27	18:31:01	0	77	263	0	295	15	295	945	2616	2576	40	3561	0	3561
28	18.31.28	0	77	264	0	312	12	325	990	2623	2539	84	3613	0	3613
29	18.25.46	0	75	262	0	291	14	309	951	2499	2389	110	3450	0	3450
30	18.30.00	0	76	262	0	314	14	330	996	2521	2437	84	3517	52	3569
31	18.30.00	0	78	263	0	318	12	359	1030	2472	2425	47	**3502**	0	3502

8 SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR OCTOBER 2014

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

A (i) RPH	0.009
(ii) GT+STG	70.258
(iii) PRAGATI	209.495
(iv) RITHALA	0.000
(v) BAWANA CCGT	274.404
(vi) Timarpur ï Okhla	13.153
TOTAL	567.319
B) AVAILABILITY FROM BTPS	286.291
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	20.272
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**833.338**

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	3.290	3.181	3.290	3.181
SALAL	25.049	24.224	25.049	24.224
SASAN	115.464	111.608	115.323	111.473
TANKAPUR	5.661	5.473	5.661	5.473
CHAMERA	7.021	6.789	7.021	6.789
CHAMERA -II	10.343	10.001	10.343	10.001
CHAMERA -III	6.472	6.258	6.472	6.258
DHAULIGANGA	9.188	8.882	9.188	8.882
SEWA -2	2.116	2.046	2.116	2.046
URI	29.866	28.877	29.866	28.877
URI-II	19.992	19.327	19.992	19.327
KOTESHWAR	5.578	5.392	5.578	5.392
PARBATI3	3.586	3.467	3.586	3.467
RAMPUR	0.000	0.000	0.000	0.000
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	11.470	11.082	7.260	7.019
ANTA (RLNG)	19.286	18.643	0.000	0.000
ANTA (LIQUID)	0.000	0.000	0.000	0.000
DADRI (GAS)	20.961	20.255	10.981	10.618
DADRI (RLNG)	43.729	42.266	0.001	0.001
DADRI (LIQUID)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	15.357	14.837	7.807	7.547
AURAIYA (RLNG)	27.470	26.546	0.026	0.025
AURAIYA (LIQUID)	0.143	0.138	0.000	0.000
SINGRAULI	75.521	72.991	75.384	72.858
RIHAND -I	57.061	55.139	54.644	52.806
RIHAND -II	61.551	59.515	59.559	57.591
RIHAND -III	86.470	83.568	82.162	79.410
UNCHAHAR-I	12.263	11.853	10.379	10.035
UNCHAHAR-II	30.487	29.469	26.844	25.953
UNCHAHAR-III	18.888	18.257	16.755	16.198
DADRI (TH)	371.099	358.568	269.697	260.654
DADRI (TH) STAGE-II	461.723	446.193	379.053	366.364
NAPP	22.253	21.507	22.253	21.507
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	15.186	14.670	14.939	14.432
NATHPA JHAKRI	40.288	38.951	30.055	29.057
DULASTI	26.606	25.725	26.606	25.725
TEHRI	18.180	17.572	18.180	17.572
JHAJJAR	0.000	0.000	0.000	0.000
KHELGAON	33.552	32.428	29.446	28.465
KHELGAON-II	106.742	103.161	98.247	94.964

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
FARAKA	12.963	12.525	12.667	12.241
TALA	13.480	13.035	13.480	13.036
TALCHER	0.000	0.000	0.000	0.000
DVC	161.601	159.914	159.914	154.554
UTTAR PRADESH	24.084	23.657	23.657	22.872
TRIPUA	0.103	0.101	0.101	0.098
MAHARASHTRA	0.000	0.000	0.000	0.000
DVC CTPS (BRPL)	0.000	0.000	0.000	0.000
DVC CTPS (BYPL)	0.000	0.000	0.000	0.000
DVC CTPS (NDPL)	0.000	0.000	0.000	0.000
METHON POWER(NDPL)LT-06	194.396	192.206	192.206	185.782
DVC MEJIA (LT-08)(BYPL)	0.000	0.000	0.000	0.000
URS	0.304	0.294	0.304	0.294
JAMMU & KASHMIR	0.991	0.977	0.977	0.946
HIMACHAL PRADESH	0.000	0.000	0.000	0.000
MEGHALAYA	8.189	8.056	8.056	7.790
MADHYA PRADESH	12.656	12.459	12.459	12.050
GUJRAT	0.410	0.405	0.405	0.392
DVC LT-9	0.000	0.000	0.000	0.000
HARYANA (LT-05)	45.073	44.420	44.420	42.965
JHARKHAND	0.000	0.000	0.000	0.000
ORISSA	0.225	0.222	0.222	0.214
TO MEGHALAYA	-0.884	-0.900	-0.900	-0.932
TO UTTAR PRADESH	-74.847	-76.220	-76.220	-78.891
TO JAMMU & KASHMIR	-18.406	-18.701	-18.701	-19.386
TO KERALA	-0.035	-0.035	-0.035	-0.036
TO ANDHRA	0.000	0.000	0.000	0.000
TO MADHYA PRADESH	-4.228	-4.312	-4.312	-4.471
TO JHARKHAND	-12.628	-12.761	-12.761	-13.204
BTPS TO MP	-130.508	-132.770	-132.770	-137.373
TO HIMACHAL PRADESH	-30.383	-30.866	-30.866	-31.988
TO WEST BENGAL	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	60.214	58.289	60.214	58.289
TO POWER EXCHANGE (IEX)	-56.835	-58.824	-56.835	-58.824
POWRER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (PX)	-7.912	-8.190	-7.912	-8.190
TO SHARE PROJECT (HARYANA)	-30.137	-31.187	-30.137	-31.187
TO SHARE PROJECT (PUNJAB)	-21.747	-22.495	-21.747	-22.495
TOTAL	**1966.051**	**1888.156**	**1619.643**	**1538.736**

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	1313.480	1269.320	1000.549	967.078
NTPC - ER	153.258	148.114	140.359	135.669
NHPC	149.189	144.249	149.189	144.249
NPC	37.439	36.177	37.192	35.939
SASAN	115.464	111.608	115.323	111.473
KOTESHWAR	5.578	5.392	5.578	5.392
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	40.288	38.951	30.055	29.057
TEHRI	18.180	17.572	18.180	17.572
TALA	13.480	13.035	13.480	13.036
JHAJJAR	0.000	0.000	0.000	0.000
TALCHER	0.000	0.000	0.000	0.000
DVC	161.601	159.914	159.914	154.554
UTTAR PRADESH	24.084	23.657	23.657	22.872
TRIPURA	0.103	0.101	0.101	0.098
MAHARASHTRA	0.000	0.000	0.000	0.000
DVC CTPS (BRPL)	0.000	0.000	0.000	0.000
DVC CTPS (BYPL)	0.000	0.000	0.000	0.000
DVC CTPS (NDPL)	0.000	0.000	0.000	0.000
METHON POWER (NDPL)-LT-06	194.396	192.206	192.206	185.782
DVC MEJIA (LT-08)(BYPL)	0.000	0.000	0.000	0.000
URS	0.304	0.294	0.304	0.294
JAMMU & KASHMIR	0.991	0.977	0.977	0.946
HIMACHAL PRADESH	0.000	0.000	0.000	0.000
MEGHALAYA	8.189	8.056	8.056	7.790
MADHYA PRADESH(WR)	12.656	12.459	12.459	12.050
GUJRAT	0.410	0.405	0.405	0.392
DVC (FOR NDPL) LT-09	0.000	0.000	0.000	0.000
HARYANA (LT -05)	45.073	44.420	44.420	42.965
JHARKHAND	0.000	0.000	0.000	0.000
ORISSA	0.225	0.222	0.222	0.214
POWER EXCHANGE(IEX)	60.214	58.289	60.214	58.289
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**2354.600**	**2285.418**	**2012.840**	**1945.712**

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

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT POWER PERIPHERY
TO HARYANA	0.000	0.000	0.000	0.000
TO MEGHALAYA	-0.884	-0.900	-0.900	-0.932
TO UTTAR PRADESH	-74.847	-76.220	-76.220	-78.891
TO JAMMU & KASHMIR	-18.406	-18.701	-18.701	-19.386
TO ANDHRA	0.000	0.000	0.000	0.000
TO KERALA	-0.035	-0.035	-0.035	-0.036
TO MADHYA PRADESH	-4.228	-4.312	-4.312	-4.471
TO JHARKHAND	-12.628	-12.761	-12.761	-13.204
TO RAJASTHAN	0.000	0.000	0.000	0.000
TO MAHARASHTRA	0.000	0.000	0.000	0.000
BTPS TO MP	-130.508	-132.770	-132.770	-137.373
TO HIMACHAL PRADESH	-30.383	-30.866	-30.866	-31.988
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-56.835	-58.824	-56.835	-58.824
TO POWER EXCHANGE (PX)	-7.912	-8.190	-7.912	-8.190
TO SHARE PROJECT (HARYANA)	-30.137	-31.187	-30.137	-31.187
TO SHARE PROJECT (PUNJAB)	-21.747	-22.495	-21.747	-22.495
TOTAL	**-388.549**	**-397.261**	**-393.197**	**-406.976**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**1966.051**	**1888.156**	**1619.643**	**1538.736**
TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS				2369.175
NET CONSUMPTION				**2348.903**
AVAILABILITY WITHIN DELHI				833.338
ACTUAL DRAWAL FROM THE GRID				1515.565
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY				-23.171
LOAD SHEDDING				3.576
UNRESTRICTED DEMAND (GROSS)				2372.751
UNRESTRICTED DEMAND (NET)				2352.479
MAX. NET CONSUMPTION				62.906 ON 27.03.2014
MAX. LOAD SHEDDING				406MW ON 02.03.2014 AT 09.300HRS.
PEAK LOAD	Peak Demand during the month			SHEDDING AT PEAK TIME
DAY PEAK	3444MW AT 09.52.37HRS ON 04.03.2014			0 MW
EVENING PEAK	3201MW AT 19.25.14HRS ON 27.03.2014			0 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH			20.17%
	GT			29.26%
	PRAGATI			80.06%
	RITHALA			0.00%
	BAWANA			0.00%
	Timarpur Okhla			97.37%

9 SHEDDING DETAILS DURING THE MONTH OF OCTOBER 2014.

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.14	0	0.000	0.000	0.000	0.000	**0.000**	0.088	0.000	0.027	0.000
02-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.067	0.000	0.066	0.000
03-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
04-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
05-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
06-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.153	0.000	0.000
07-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.007	0.252	0.008	0.000
08-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.212	0.964	0.000	0.000
09-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.028	0.000
10-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.017	0.000	0.000
11-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
12-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
13-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.026	0.114	0.000
14-Oct.14	1	0.000	0.000	0.006	0.000	**0.006**	0.000	0.000	0.000	0.000
15-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
16-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.021	0.000	0.000
17-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
18-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.005	0.016	0.036	0.000
19-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
20-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
21-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
22-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.099	0.000	0.000
23-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
24-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
25-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
26-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
27-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
28-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
29-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.037	0.242	0.036	0.000
30-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.009	0.009	0.000	0.000
31-Oct.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.007	0.000
TOTAL	**1**	**0.000**	**0.000**	**0.006**	**0.000**	**0.006**	**0.425**	**1.799**	**0.322**	**0.000**

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			
	12	13	14	15	16=8to15	17=16+7	18	19	20	21	22
01-Oct.14	0.000	0.000	0.000	0.000	**0.115**	**0.115**	0.000	0.000	0.004	0.000	0.000
02-Oct.14	0.000	0.000	0.000	0.000	**0.133**	**0.133**	0.000	0.000	0.000	0.000	0.000
03-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.021	0.001	0.000	0.000
04-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
05-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
06-Oct.14	0.000	0.000	0.000	0.000	**0.153**	**0.153**	0.000	0.018	0.001	0.000	0.000
07-Oct.14	0.000	0.000	0.000	0.000	**0.267**	**0.267**	0.000	0.000	0.003	0.000	0.000
08-Oct.14	0.000	0.000	0.000	0.000	**1.176**	**1.176**	0.000	0.000	0.000	0.000	0.000
09-Oct.14	0.000	0.000	0.000	0.000	**0.028**	**0.028**	0.000	0.000	0.000	0.000	0.000
10-Oct.14	0.000	0.000	0.000	0.000	**0.017**	**0.017**	0.000	0.000	0.0003	0.000	0.000
11-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
12-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.006	0.002	0.000	0.000
13-Oct.14	0.000	0.000	0.000	0.000	**0.140**	**0.140**	0.000	0.000	0.000	0.000	0.000
14-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.006**	0.000	0.000	0.000	0.000	0.000
15-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
16-Oct.14	0.000	0.000	0.000	0.000	**0.021**	**0.021**	0.006	0.010	0.028	0.000	0.000
17-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.009	0.000	0.006	0.000	0.000
18-Oct.14	0.000	0.000	0.000	0.000	**0.057**	**0.057**	0.000	0.000	0.000	0.000	0.000
19-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.010	0.000	0.000	0.000	0.000
20-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
21-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.008	0.039	0.000	0.000
22-Oct.14	0.000	0.000	0.000	0.000	**0.099**	**0.099**	0.000	0.000	0.009	0.000	0.000
23-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
24-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
25-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
26-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
27-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
28-Oct.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.005	0.000	0.000	0.000	0.000
29-Oct.14	0.000	0.000	0.000	0.000	**0.315**	**0.315**	0.000	0.000	0.000	0.000	0.000
30-Oct.14	0.000	0.000	0.000	0.000	**0.018**	**0.018**	0.000	0.000	0.000	0.000	0.000
31-Oct.14	0.000	0.000	0.000	0.000	**0.007**	**0.007**	0.000	0.000	0.000	0.000	0.000
TOTAL	**0.000**	**0.000**	**0.000**	**0.000**	**2.546**	**2.552**	**0.030**	**0.063**	**0.093**	**0.000**	**0.000**

ALL FIGURES IN MUs

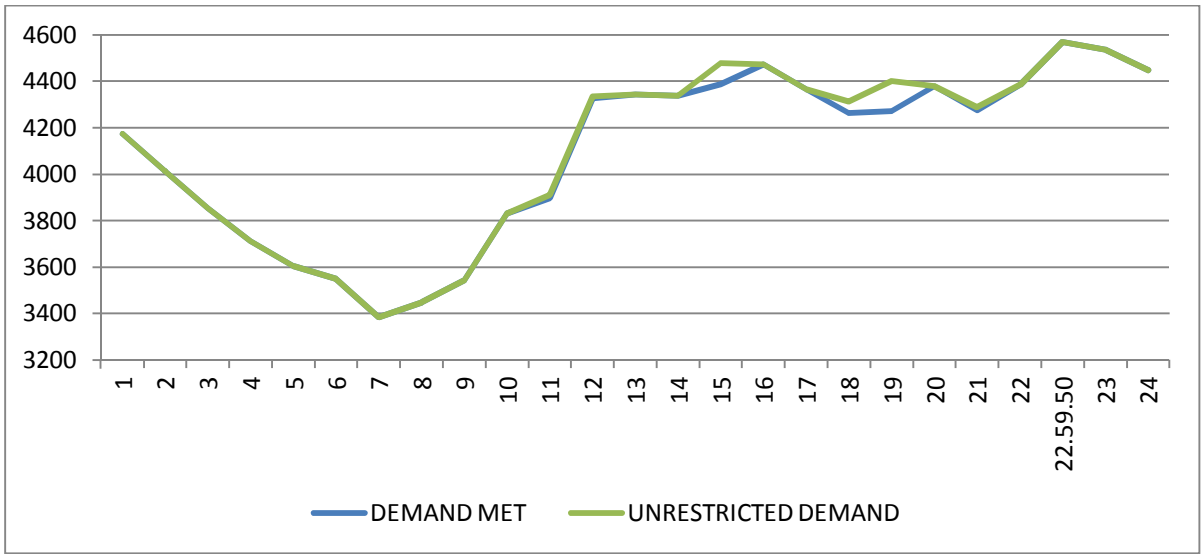
DATE	DUE TO T&D CONTRAINTS				OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.	THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	DISCOMS									
	BSES		NDPL	NDMC		BSES		NDPL		
	BYPL	BRPL				BYPL	BRPL			
1	23	24	25		26	27	28	29	30=18 to29	31=30+17
01-Oct.14	0.026	0.007	0.007	0.000	0.000	0.000	0.000	0.003	**0.047**	**0.162**
02-Oct.14	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.011	**0.013**	**0.146**
03-Oct.14	0.006	0.005	0.000	0.000	0.000	0.000	0.000	0.000	**0.033**	**0.033**
04-Oct.14	0.000	0.010	0.005	0.000	0.000	0.000	0.000	0.000	**0.015**	**0.015**
05-Oct.14	0.000	0.000	0.0003	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.0003**
06-Oct.14	0.028	0.020	0.000	0.000	0.000	0.000	0.000	0.000	**0.067**	**0.220**
07-Oct.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.036	**0.039**	**0.306**
08-Oct.14	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	**0.009**	**1.185**
09-Oct.14	0.012	0.000	0.003	0.000	0.000	0.000	0.000	0.016	**0.031**	**0.059**
10-Oct.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.001**	**0.018**
11-Oct.14	0.015	0.123	0.000	0.000	0.000	0.000	0.000	0.000	**0.138**	**0.138**
12-Oct.14	0.000	0.028	0.001	0.000	0.000	0.000	0.000	0.000	**0.037**	**0.037**
13-Oct.14	0.000	0.009	0.004	0.000	0.002	0.000	0.000	0.009	**0.024**	**0.164**
14-Oct.14	0.029	0.000	0.003	0.000	0.000	0.000	0.000	0.016	**0.048**	**0.054**
15-Oct.14	0.004	0.063	0.000	0.000	0.000	0.000	0.000	0.007	**0.074**	**0.074**
16-Oct.14	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.017	**0.094**	**0.115**
17-Oct.14	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.012	**0.029**	**0.029**
18-Oct.14	0.000	0.000	0.0003	0.000	0.000	0.000	0.000	0.023	**0.023**	**0.080**
19-Oct.14	0.000	0.005	0.016	0.000	0.000	0.000	0.000	0.000	**0.031**	**0.031**
20-Oct.14	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.024	**0.055**	**0.055**
21-Oct.14	0.000	0.039	0.001	0.000	0.000	0.000	0.000	0.000	**0.087**	**0.087**
22-Oct.14	0.003	0.000	0.005	0.000	0.000	0.000	0.000	0.000	**0.017**	**0.116**
23-Oct.14	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	**0.004**	**0.004**
24-Oct.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
25-Oct.14	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.002**	**0.002**
26-Oct.14	0.016	0.009	0.004	0.000	0.000	0.000	0.000	0.000	**0.029**	**0.029**
27-Oct.14	0.000	0.0002	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
28-Oct.14	0.020	0.016	0.000	0.000	0.000	0.000	0.000	0.012	**0.053**	**0.053**
29-Oct.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	**0.007**	**0.322**
30-Oct.14	0.000	0.000	0.0002	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.018**
31-Oct.14	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.012	**0.016**	**0.023**
TOTAL	**0.229**	**0.349**	**0.052**	**0.000**	**0.002**	**0.000**	**0.000**	**0.206**	**1.024**	**3.576**

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.14	97.713	**4487**	23:31:33	0	**4487**	**4487**	23:31:33	**4487**	0
02-Oct.14	85.294	**4412**	00:01:25	0	**4412**	**4412**	00:01:25	**4412**	0
03-Oct.14	82.611	**4040**	23:17:51	0	**4040**	**4040**	23:17:51	**4040**	0
04-Oct.14	90.586	**4333**	22:57:30	0	**4333**	**4333**	22:57:30	**4333**	0
05-Oct.14	86.826	**4286**	23:21:07	0	**4286**	**4286**	23:21:07	**4286**	0
06-Oct.14	93.262	**4466**	22:55:48	0	**4466**	**4466**	22:55:48	**4466**	0
07-Oct.14	97.374	**4570**	22:59:50	0	**4570**	**4570**	22:59:50	**4570**	0
08-Oct.14	92.635	**4454**	00:01:02	0	**4454**	**4454**	00:01:02	**4454**	0
09-Oct.14	87.269	**4191**	19:02:37	17	**4208**	**4208**	19:02:37	**4191**	17
10-Oct.14	85.516	**4129**	18:49:31	0	**4129**	**4129**	18:49:31	**4129**	0
11-Oct.14	81.413	**3857**	18:26:30	0	**3857**	**3857**	18:26:30	**3857**	0
12-Oct.14	73.355	**3541**	19:06:12	0	**3541**	**3541**	19:06:12	**3541**	0
13-Oct.14	81.053	**4048**	18:47:31	0	**4048**	**4048**	18:47:31	**4048**	0
14-Oct.14	78.120	**3786**	18:33:47	0	**3786**	**3786**	18:33:47	**3786**	0
15-Oct.14	74.418	**3837**	18:31:08	0	**3837**	**3837**	18:31:08	**3837**	0
16-Oct.14	71.409	**3651**	19:01:45	17	**3668**	**3668**	19:01:45	**3651**	17
17-Oct.14	68.924	**3720**	18:44:29	0	**3720**	**3720**	18:44:29	**3720**	0
18-Oct.14	67.232	**3518**	18:25:52	15	**3533**	**3533**	18:25:52	**3518**	15
19-Oct.14	61.438	**3305**	18:38:58	0	**3305**	**3305**	18:38:58	**3305**	0
20-Oct.14	67.418	**3687**	18:16:04	0	**3687**	**3687**	18:16:04	**3687**	0
21-Oct.14	70.495	**3717**	18:44:17	0	**3717**	**3717**	18:44:17	**3717**	0
22-Oct.14	71.076	**3610**	18:35:43	0	**3610**	**3610**	18:35:43	**3610**	0
23-Oct.14	62.918	**3267**	18:43:46	0	**3267**	**3267**	18:43:46	**3267**	0
24-Oct.14	62.225	**3168**	18:52:21	0	**3168**	**3168**	18:52:21	**3168**	0
25-Oct.14	62.721	**3265**	19:02:08	0	**3265**	**3265**	19:02:08	**3265**	0
26-Oct.14	61.314	**3157**	18:36:12	0	**3157**	**3157**	18:36:12	**3157**	0
27-Oct.14	66.288	**3561**	18:31:01	0	**3561**	**3561**	18:31:01	**3561**	0
28-Oct.14	68.281	**3613**	18:31:28	0	**3613**	**3613**	18:31:28	**3613**	0
29-Oct.14	66.401	**3450**	18:25:46	0	**3450**	**3450**	18:25:46	**3450**	0
30-Oct.14	67.346	**3517**	18:30	52	**3569**	**3569**	18:30	**3517**	52
31-Oct.14	65.972	**3502**	18:30	0	**3502**	**3513**	18:00	**3499**	14
TOTAL	**2348.903**	**4570** **07.10.2014**	22:59:50	0	**4570** 07.10.2014	**4570**	22:53:58	**4882**	0

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING OCTOBER 2014 ON 07.10.2014- 4570MW AT 22.59.50HRS.

All figures in MW

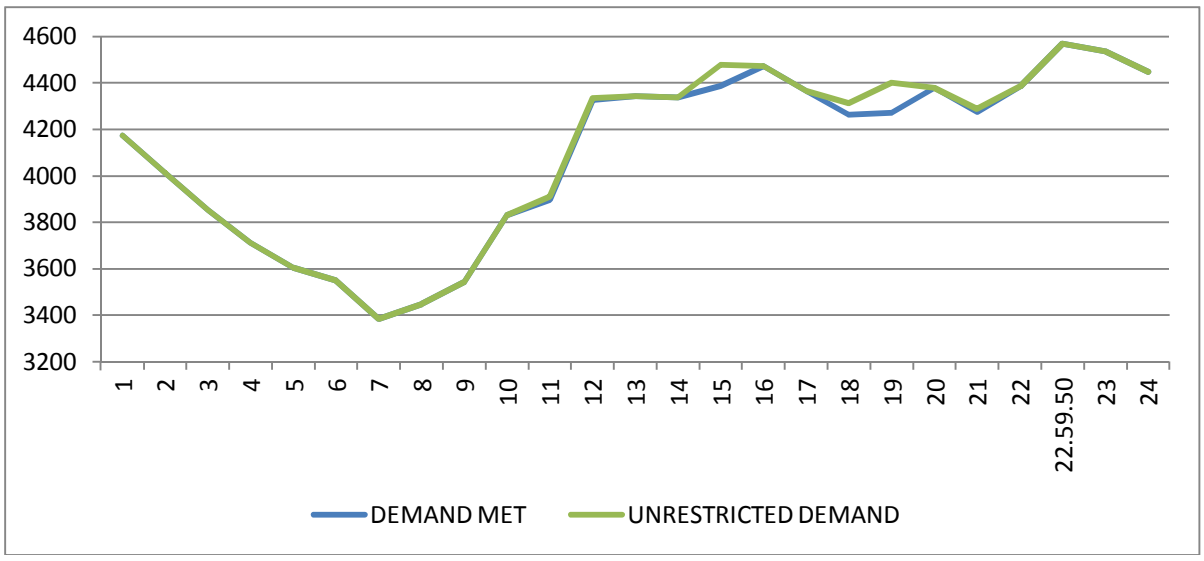
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	4175	0	4175
2	4014	0	4014
3	3852	0	3852
4	3713	0	3713
5	3604	0	3604
6	3549	0	3549
7	3386	0	3386
8	3447	0	3447
9	3543	0	3543
10	3830	0	3830
11	3897	14	3911
12	4328	6	4334
13	4342	0	4342
14	4337	0	4337
15	4387	92	4479
16	4474	0	4474
17	4366	0	4366
18	4264	50	4314
19	4271	130	4401
20	4379	0	4379
21	4274	15	4289
22	4385	0	4385
22.59.50	4570	0	4570
23	4536	0	4536
24	4449	0	4449
Total (IN MUS)	**97.374**	**0.306**	**97.680**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING OCTOBER 2014 ON 07.10.2014- 4570MW AT 22.50.50HRS.

All figures in MW

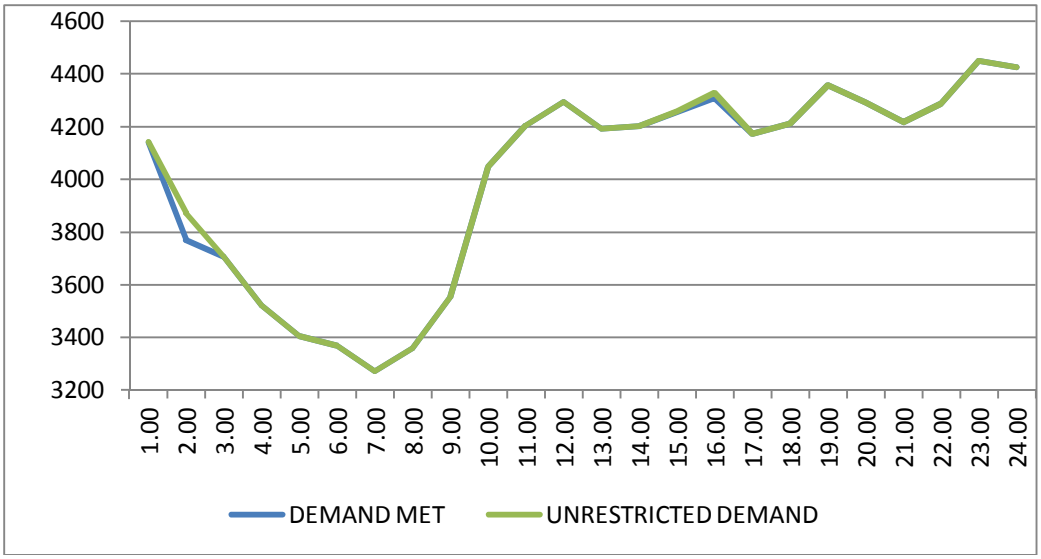
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	4175	0	4175
2	4014	0	4014
3	3852	0	3852
4	3713	0	3713
5	3604	0	3604
6	3549	0	3549
7	3386	0	3386
8	3447	0	3447
9	3543	0	3543
10	3830	0	3830
11	3897	14	3911
12	4328	6	4334
13	4342	0	4342
14	4337	0	4337
15	4387	92	4479
16	4474	0	4474
17	4366	0	4366
18	4264	50	4314
19	4271	130	4401
20	4379	0	4379
21	4274	15	4289
22	4385	0	4385
22.59.50	4570	0	4570
23	4536	0	4536
24	4449	0	4449
Total (IN MUS)	**97.374**	**0.306**	**97.680**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING OCTOBER 2014 – 01.10.2014 – 97.713Mus

All figures in MW

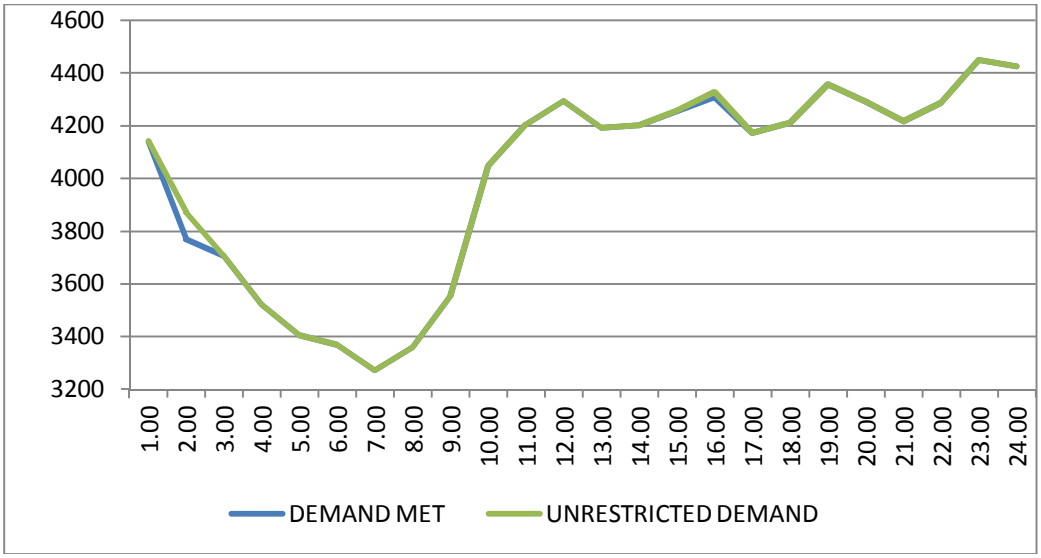
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	4139	3	4142
2.00	3770	103	3873
3.00	3707	0	3707
4.00	3523	0	3523
5.00	3407	0	3407
6.00	3369	0	3369
7.00	3272	0	3272
8.00	3361	0	3361
9.00	3553	0	3553
10.00	4046	0	4046
11.00	4205	0	4205
12.00	4294	0	4294
13.00	4192	0	4192
14.00	4203	0	4203
15.00	4255	2	4257
16.00	4308	21	4329
17.00	4172	0	4172
18.00	4212	0	4212
19.00	4356	0	4356
20.00	4292	0	4292
21.00	4216	0	4216
22.00	4287	0	4287
23.00	4449	0	4449
24.00	4426	0	4426
Total (IN MUS)	**97.713**	**0.162**	**97.875**



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING OCTOBER 2014 – 01.10.2014 – 97.875 Mus

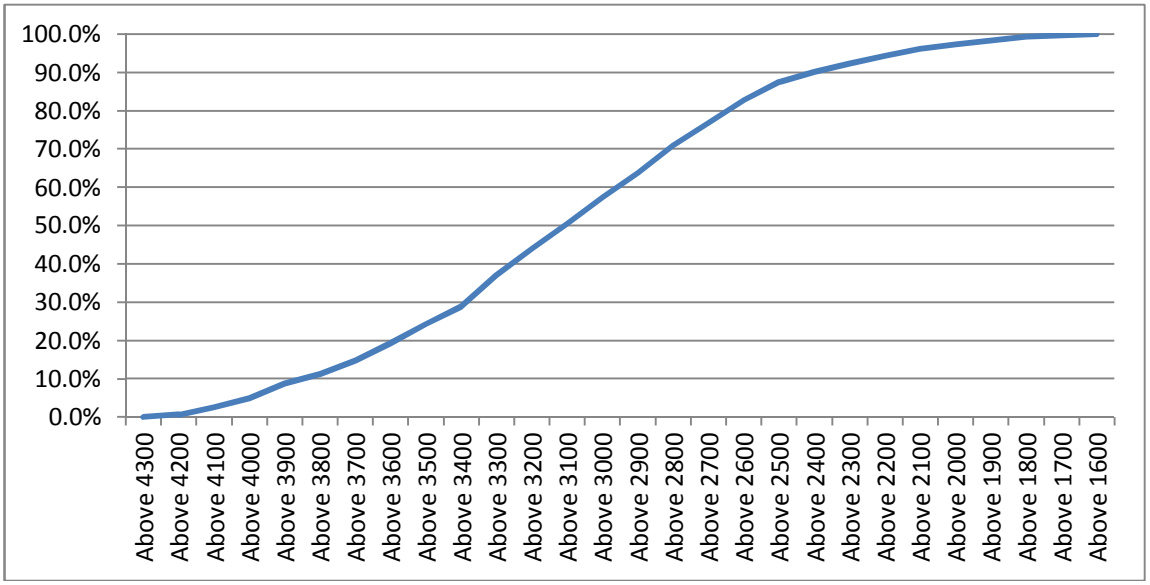
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	4139	3	4142
2.00	3770	103	3873
3.00	3707	0	3707
4.00	3523	0	3523
5.00	3407	0	3407
6.00	3369	0	3369
7.00	3272	0	3272
8.00	3361	0	3361
9.00	3553	0	3553
10.00	4046	0	4046
11.00	4205	0	4205
12.00	4294	0	4294
13.00	4192	0	4192
14.00	4203	0	4203
15.00	4255	2	4257
16.00	4308	21	4329
17.00	4172	0	4172
18.00	4212	0	4212
19.00	4356	0	4356
20.00	4292	0	4292
21.00	4216	0	4216
22.00	4287	0	4287
23.00	4449	0	4449
24.00	4426	0	4426
Total (IN MUS)	**97.713**	**0.162**	**97.875**



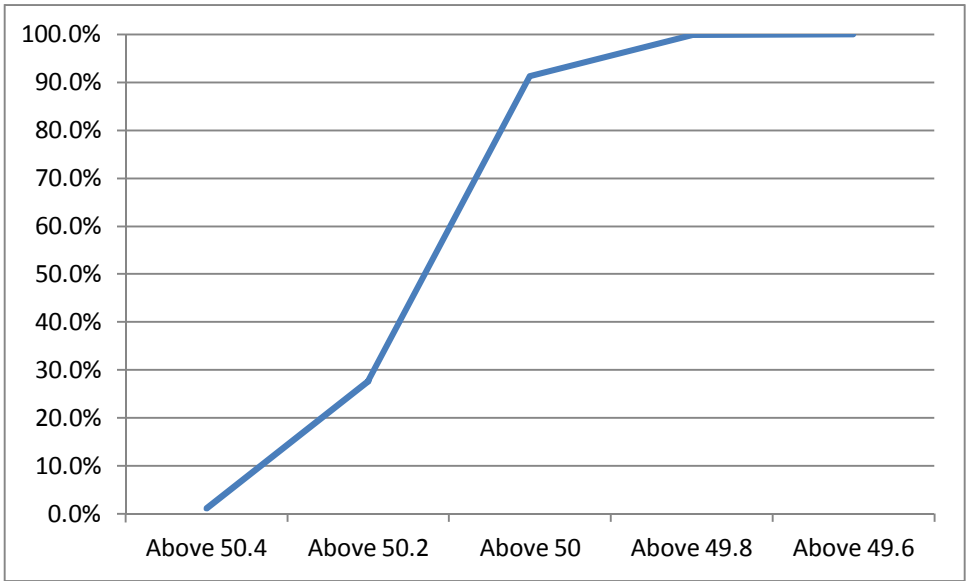
14 LOAD DURATION CURVE FOR OCTOBER 2014

Load in MW	Percentage of Time
Above 4300	0.0%
Above 4200	0.7%
Above 4100	2.5%
Above 4000	5.0%
Above 3900	8.8%
Above 3800	11.3%
Above 3700	14.8%
Above 3600	19.3%
Above 3500	24.3%
Above 3400	28.8%
Above 3300	36.9%
Above 3200	44.1%
Above 3100	50.5%
Above 3000	57.3%
Above 2900	63.8%
Above 2800	70.8%
Above 2700	76.7%
Above 2600	82.7%
Above 2500	87.4%
Above 2400	90.2%
Above 2300	92.3%
Above 2200	94.3%
Above 2100	96.1%
Above 2000	97.2%
Above 1900	98.3%
Above 1800	99.2%
Above 1700	99.7%
Above 1600	100.0%



15 FREQUENCY ANALYSIS FOR THE MONTH OF OCTOBER 2014

Frequency Range in Hz.	Percentage of time
Above 50.4	1.2%
Above 50.2	27.7%
Above 50	91.2%
Above 49.8	99.8%
Above 49.6	100.0%



16 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING OCTOBER 2014

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-Oct.14	223.12	210.22	226.71	214.35
02-Oct.14	223.63	214.99	227.63	219.64
03-Oct.14	224.15	213.70	227.89	219.64
04-Oct.14	221.83	209.58	226.99	213.70
05-Oct.14	222.21	213.19	226.21	216.67
06-Oct.14	223.76	213.44	226.86	216.54
07-Oct.14	221.70	216.67	225.44	213.44
08-Oct.14	227.24	214.61	230.47	216.28
09-Oct.14	226.34	215.64	229.95	217.57
10-Oct.14	226.08	212.80	228.92	218.35
11-Oct.14	224.15	--	228.28	220.41
12-Oct.14	226.21	216.41	232.02	223.76
13-Oct.14	225.05	212.41	232.02	216.54
14-Oct.14	225.95	--	233.43	220.80
15-Oct.14	227.24	214.61	234.47	220.80
16-Oct.14	230.21	215.12	235.11	218.99
17-Oct.14	229.44	216.67	234.47	220.80
18-Oct.14	229.44	218.47	234.34	221.44
19-Oct.14	228.66	220.41	233.69	224.79
20-Oct.14	228.66	218.35	233.43	223.12
21-Oct.14	228.66	213.19	233.95	218.22
22-Oct.14	226.99	219.12	232.66	222.47
23-Oct.14	228.66	220.15	233.95	224.79
24-Oct.14	229.18	220.15	233.95	--
25-Oct.14	225.95	217.96	232.15	223.50
26-Oct.14	227.89	219.12	234.34	224.28
27-Oct.14	228.66	214.99	236.40	222.86
28-Oct.14	228.92	215.38	235.11	222.09
29-Oct.14	227.50	216.93	234.98	224.02
30-Oct.14	228.53	215.38	235.76	220.54
31-Oct.14	228.92	215.12	234.72	219.89

17 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING OCTOBER 2014

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Oct.14	406.84	06.02.22	387.61	10.54.28	397.90
02-Oct.14	409.89	18.02.50	394.41	00.06.25	401.11
03-Oct.14	408.95	18.02.21	393.71	11.49.18	400.60
04-Oct.14	407.31	08.01.51	389.96	15.27.55	397.92
05-Oct.14	406.14	18.02.09	392.07	12.15.27	399.27
06-Oct.14	408.01	04.03.35	391.36	19.15.45	398.69
07-Oct.14	407.31	03.05.31	393.47	22.22.28	399.65
08-Oct.14	413.87	21.27.42	293.71	18.40.03	402.76
09-Oct.14	411.06	06.02.31	393.24	18.39.15	401.85
10-Oct.14	410.12	04.02.09	393.71	18.36.40	401.10
11-Oct.14	408.95	06.03.59	393.71	18.43.51	400.96
12-Oct.14	412.70	04.05.01	400.98	12.15.20	405.71
13-Oct.14	413.17	04.04.01	391.36	10.42.53	402.38
14-Oct.14	415.52	22.53.55	395.12	14.45.13	406.02
15-Oct.14	418.33	03.59.10	399.34	10.41.42	408.49
16-Oct.14	419.74	02.59.39	394.88	12.10.29	407.65
17-Oct.14	419.27	04.03.02	394.88	10.25.11	406.66
18-Oct.14	416.22	01.59.58	396.05	10.15.45	406.53
19-Oct.14	415.75	04.04.14	400.27	11.11.25	409.14
20-Oct.14	415.75	00.01.46	395.12	18.34.15	405.81
21-Oct.14	415.05	04.01.24	389.72	18.38.07	404.71
22-Oct.14	413.64	03.01.34	399.10	18.27.03	406.69
23-Oct.14	416.69	04.01.34	401.68	18.20.45	411.88
24-Oct.14	417.86	02.05.49	402.85	18.13.07	411.39
25-Oct.14	413.87	17.04.09	399.10	18.20.36	408.145
26-Oct.14	414.34	02.57.01	400.27	10.27.51	407.90
27-Oct.14	416.22	04.02.41	392.77	12.31.33	405.62
28-Oct.14	416.69	03.06.07	392.30	12.19.55	405.91
29-Oct.14	414.81	01.14.38	396.05	18.11.16	405.07
30-Oct.14	415.52	03.01.21	395.82	18.09.54	405.54
31-Oct.14	417.86	04.04.03	393.47	18.16.05	405.53

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Oct.14	414.58	05.06.18	221.36	16.35.28	409.60
02-Oct.14	413.41	17.06.47	402.15	09.46.00	407.50
03-Oct.14	415.75	18.02.51	398.63	11.48.38	407.69
04-Oct.14	414.34	08.01.41	--	--	408.84
05-Oct.14	417.86	16.31.55	406.37	12.10.07	411.88
06-Oct.14	418.56	04.03.25	404.26	19.17.25	411.38
07-Oct.14	418.33	04.03.24	--	--	410.95
08-Oct.14	423.25	07.09.07	406.37	00.05.22	415.04
09-Oct.14	421.85	06.02.52	405.43	18.43.46	413.22
10-Oct.14	420.91	04.02.09	407.31	18.34.50	413.13
11-Oct.14	420.67	06.04.09	407.54	12.38.10	413.38
12-Oct.14	424.19	18.03.19	412.00	07.56.45	416.98
13-Oct.14	423.25	04.02.52	402.62	12.39.32	413.19
14-Oct.14	425.13	21.25.56	408.48	16.37.30	415.94
15-Oct.14	427.71	04.00.31	408.48	10.40.52	417.44
16-Oct.14	427.71	02.59.39	404.03	12.09.59	416.45
17-Oct.14	426.54	04.01.02	406.14	10.24.51	415.68
18-Oct.14	421.85	23.51.29	407.31	12.08.20	412.94
19-Oct.14	422.55	04.03.13	410.12	18.32.48	417.31
20-Oct.14	423.02	00.00.16	405.43	18.34.25	414.53
21-Oct.14	422.08	04.01.35	399.81	18.37.37	413.42
22-Oct.14	420.67	03.01.34	407.78	18.26.43	414.69
23-Oct.14	424.43	11.02.40	410.12	18.20.45	418.98
24-Oct.14	424.43	01.58.37	411.53	18.39.09	419.39
25-Oct.14	422.55	17.04.49	407.57	18.18.36	416.44
26-Oct.14	423.02	03.20.42	409.65	10.27.41	417.05
27-Oct.14	421.85	21.53.31	407.54	12.46.54	414.59
28-Oct.14	424.43	03.04.27	401.68	12.20.15	414.69
29-Oct.14	421.85	01.12.58	402.85	05.34.52	413.79
30-Oct.14	422.79	01.28.17	404.49	18.10.14	414.26
31-Oct.14	425.13	03.02.30	403.09	18.16.15	414.39

18 DETAILS OF LUMPED CAPACITORS AT NEAREST 220 KV SUBSTATION

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

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

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

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

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

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

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

20 DETAILS OF BREAK-DOWNS DURING THE MONTH OF OCTOBER 2014

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	02-04-14	06:00	INDRAPRASTHA POWER 33kV 10MVAR CAP. BANK-I	Contd.		CAPACITOR BANK -1 IS IN OUTAGE DUE TO DAMAGE TO BUSHING OF REACTORS / NCT/ CELLS BY MISCREANTS ON 02.04.2014.
2	02-04-14	06:00	INDRAPRASTHA POWER 33kV 10MVAR CAP. BANK-II	Contd.		CAPACITOR BANK NO. 2 IS IN OUTAGE DUE TO DAMAGE TO BUSHING OF REACTORS / NCT / CELLS BY THE MISCREANTS.
3	26-04-14	06:00	INDRAPRASTHA POWER 33kV 10MVAR CAP. BANK-III	Contd.		CAPACITOR BANK NO. 3 IS IN OUTAGE DUE TO NON AVAILABILITY OF NCT, DATE & TIME GIVEN BY I.P.STN. IS 26.04.2014 AT 06.00HRS.
4	14-06-14	04:18	220kV MAHARANIBAGH-MASJID MOTH CKT-I	Contd.		AT MAHARANI BAGH CKT TRIPPED ON DIST PROT,R PHASE, ZONE-1, DIST 3.2KMS AT MASJID MOTH DIST PROT. ZONE-1 TRIED AT MAHARANI BAGH AT 04.47HRS. BUT AGAIN TRIPPED, CABLE OF THE CKT DECLARED FAULTY (CABLE DAMAGED IN DIGGING OPERATION BY PGCIL CONTRACTOR).
5	07-09-14	16:34	PARKSTREET 220/66kV 100MVA Tx-I	Contd.		TR. TRIPPED ON ON BUCHOLZ, 86A, DIFFERENTIAL R&B PHASE. TRANSFORMER DAMAGED.
6	17-09-14	15:33	220kV GAZIPUR - BTPS CKT	Contd.		AT BTPS CKT. TRIPPED ON DIST PROT, ZONE-1, Y PHASE, DISTANCE 10.2KMS AT GAZIPUR (SAME INDICATION) CABLE FAULTY.
7	01-10-14	13:40	220kV BAWANA - KANJHAWALA CKT-2	01-10-14	14:05	AT BAWANA CKT. TRIPPED ON DIST PROT, ZONE-II, GROUP -I, DISTANCE 9.59KMS AT KHANJAWALA BUS COUPLER TRIPPED ON E/F, ONLY SUPPLY FAILED.
8	01-10-14	14:57	220kV BAMNAULI-NAJAFGARH CKT-II	01-10-14	15:15	AT NAJAFGARH CKT. TRIPPED ON DIST. PROT, C PHASE, 186 AT BAMNAULI CKT. TRIPPED ON DIST PROT, C & B PHASE, 186.
9	02-10-14	05:30	OKHLA 33kV ALAKNANDA CKT-II	02-10-14	09:10	CKT TRIPPED WITHOUT INDICATION, GAS PRESSURE REPORTED LOW.
10	02-10-14	11:45	220KV WAZIRABAD - MANDOLA CKT-III	02-10-14	12:04	AT WAZIRABAD CKT. TRIPPED ON DIST PROT, R,Y,B PHASAE ZONE-I AT MANDOLA CKT. TRIPPED ON DIST PROT, DISTANCE 18.32KM, ZONE-2.
11	03-10-14	14:19	220kV BAMNAULI-PAPPANKALAN-I CKT-I	03-10-14	14:27	AT BAMNAULI CKT TRIPPED ON DIST PROT, ZONE-II, C PHASE AT PAPANKALAN NO TRIPPING.
12	03-10-14	14:19	220kV BAMNAULI-PAPPANKALAN-I CKT-II	03-10-14	14:27	AT BAMNAULI CKT TRIPPED ON DIST PROT, ZONE-II, C PHASE AT PAPANKALAN NO TRIPPING.
13	05-10-14	14:04	220kV BAMNAULI-PAPPANKALAN-I CKT-I	05-10-14	14:11	AT PAPANKALAN -I CKT. TRIPPED WITHOUT INDICATION, CVT AVAILABLE AT BAMNAULI NO TRIPPING.
14	06-10-14	13:42	220kV BAMNAULI - DIAL CKT-II	06-10-14	14:09	AT DIAL CKT. TRIPPED ON ZONE-I, B PHASE, GEN TRIP AT BAMNAULI CKT. TRIPPED ON DIST PROT, C PHASE, 186 A & B.
15	06-10-14	13:44	220kV BAMNAULI-PAPPANKALAN-I CKT-I	06-10-14	13:49	AT PAPANKALAN-I CKT. TRIPPED ON DIST PROT. PHASE C, 186A, 86B, 86C AT BAMNAULI NO TRIPPING.
16	07-10-14	14:48	220kV BAWANA - KANJHAWALA CKT	07-10-14	18:02	AT KHANJAWALA BUS COUPLER TRIPPED ON E/F, O/C AT AT BAWANA CKT. TRIPPED ON 86, A/R, DIST. PROT, ZONE-II, DISTANCE 16.2KMS.
17	08-10-14	07:54	HARSH VIHAR 220/66KV 160MVA ICT-3	08-10-14	10:37	TR. TRIPPED ON GEN TRIP, E/F, 86 OPERATED, I/C TRIPPED ON 86-1 OPERATED.
18	08-10-14	07:54	HARSH VIHAR 220/66KV 160MVA ICT-1	08-10-14	10:37	TR. TRIPPED DUE TO E/F, 86, GEN TRIP AND I/C TRIPPED ON 86-1, 86-2 OPERATED.
19	08-10-14	07:54	400kV Dadri - Harsh Vihar Ckt. -II	08-10-14	11:44	AT DADRI CKT. TRIPPED DUE TO VT FUSE FAIL AT HARSH VIHAR CKT. TRIPPED DUE TO Y PHASE CB POLE STUCK.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
20	08-10-14	07:54	400kV Dadri-Harsh Vihar Ckt-I	08-10-14	09:47	AT HARSH VIHAR CKT. TRIPPED ALONGWITH 400KV BUS COUPLER AT DADRI CKT. TRIPPED ON 86, GENERAL TRIP.
21	08-10-14	20:37	400kV Ballabhgarh-Bamnauli Ckt-II	08-10-14	20:48	AT BAMNAULI CKT TRIPPED ON MAIN-II, ZONE-I, 186 A&B AT BALLABGARH NO TRIPPING.
22	08-10-14	20:37	400kV Ballabhgarh-Bamnauli Ckt-I	08-10-14	21:27	AT BAMNAULI CKT TRIPPED ON OPERATION LOCK OUT AT BALLABGARH NO TRIPPING.
23	11-10-14	18:10	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	11-10-14	18:30	I/C-II TRIPPED ON E/F.
24	12-10-14	08:59	KANJHAWALA 220/66kV 100MVA Tx-II	12-10-14	09:25	66KV I/C-II TRIPPED ON E/F.
25	12-10-14	14:46	220kV WAZIRABAD - KASHMEREGATE CKT-I	12-10-14	15:05	AT WAZIRABAD CKT. TRIPPED ON ZONE-I, Y PHASE AT KASHMIRI GATE NO TRIPPING.
26	12-10-14	19:10	OKHLA 66/11kV, 20MVA Tx-I	12-10-14	20:25	I/C TRIPPED ON O/C, R&B PHASE AND HEAVY SMOKE OBSERVED.
27	13-10-14	07:58	220kV PRAGATI - I.P.CKT - I	13-10-14	17:25	AT I.P. CKT. TRIPPED WITHOUT INDICATION AT PRAGATI NO TRIPPING.
28	13-10-14	18:14	220kV GEETA COLONY-PATPARGANJ CKT-I	13-10-14	18:23	AT PATPARGANJ CKT. TRIPPED ON ABC TRIP, 186, 186 AT GEETA COLONY CKT. TRIPPED ON ACTIVE GROUP -I, DISTANCE PORT, O/C, E/F DISTANCE 5.013KMS. ZONE-II.
29	15-10-14	17:08	BAWANA 400/220kV 315MVA ICT-III	15-10-14	19:20	ICT TRIPPED ON 86, 186A,B.
30	16-10-14	09:05	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	16-10-14	09:30	TR. TRIPPED ON O/C.
31	16-10-14	09:05	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	16-10-14	09:30	TR. TRIPPED ON O/C.
32	16-10-14	09:05	INDRAPRASTHA POWER 33kV ELECTRIC LANE CKT (BAY-4)	21-10-14	16:50	BAY TRIPPED ON O/C, BUSHING DAMAGED AT I.P. END.
33	17-10-14	03:45	GOPALPUR 220/33kV 100MVA Tx-II	17-10-14	10:35	TR. TRIPPED ON BUCHOLZ, 186, 66KV I/C-II TRIPPED ON 86.
34	17-10-14	07:08	220 KV I.P.- RPH CKT-II	17-10-14	17:30	AT I.P. CKT. TRIPPED ON AUXILLARY RELAY, 86 RELAY, DC SUPPLY FAIL AT RPH NO TRIPPING.
35	17-10-14	11:17	220kV WAZIRABAD - KASHMEREGATE CKT-II	17-10-14	11:21	AT WAZIRABAD CKT. TRIPPED ON DIST PROT, ZONE-I, R&Y PHASE, 86 AT KASHMIRI GATE NO TRIPPING.
36	19-10-14	12:15	220KV GAZIPUR - MAHARANIBAGH CKT. -II	19-10-14	13:10	AT MAHARANI BAGH CKT. TRIPPED ON DIST PROT, B PHASE, DISTANCE 10.8KMS. ZONE-II AT GAZIPUR NO TRIPPING.
37	19-10-14	12:15	220KV GAZIPUR - MAHARANIBAGH CKT. -I	20-10-14	15:30	AT GAZIPUR CKT. TRIPPED ON DIST PROT, B PHASE ZONE-I, B PHASE CT REPLACED AT MAHARANI BAGH CKT. TRIPPED ON L-3 & 2N 100%.
38	21-10-14	13:38	220kV BAWANA-DSIIDC BAWANA CKT-II	21-10-14	23:05	AT DSIDC CKT TRIPPED ON D/P,Z-1,A-PH. AT BAWANA CKT TRIPPED ON D/P,Z-1,A-PH,DIST-0.68 KM. CONDUCTOR SNAPPED AT TOWER NO-2.
39	21-10-14	13:38	220kV BAWANA-DSIIDC BAWANA CKT-I	21-10-14	13:50	AT DSIDC CKT TRIPPED ON D/P,Z-1,A-PH. AT BAWANA CKT TRIPPED ON D/P,Z-1,A-PH,DIST-1.19 KM.
40	22-10-14	10:10	220kV MEHRAULI - VASANT KUNJ CKT.- II	22-10-14	16:37	AT MEHRAULI CKT TRIPPED ON D/P,Z-2,,C-PH. AT VASANTKUNJ CKT TRIPPED ON 186 A&B.
41	22-10-14	11:10	220kV BAMNAULI-NARAINA CKT-I	22-10-14	11:24	AT NARAYANA CKT TRIPPED ON D/P,R-PH,Z-3. NO TRIPPING AT BAMNAULI.
42	22-10-14	11:29	220kV SARITA VIHAR - BTPS CKT.-I	22-10-14	15:50	AT BTPS CKT TRIPPED ON D/P,B-PH,DIST-1.2KM. AT SARITAVIHAR CKT TRIPPED ON 186 A&B.
43	22-10-14	16:15	NARAINA 33kV 10MVAR CAP. BANK-II	27-10-14	15:50	CAPACITOR BANK TRIPPED ON NEUTRAL UNBALANCE,64NX.
44	23-10-14	13:36	220kV BAMNAULI-NAJAFGARH CKT-II	23-10-14	13:52	AT BAMNAULI CKT TRIPPED ON D/P,Z-2,C-PH. AT NJF CKT TRIPPED ON D/P,Z-1,C-PH,186.
45	26-10-14	11:55	INDRAPRASTHA POWER 33kV KILOKRI CKT (BAY-37)	01-11-14	15:50	PROBLEM IN CB MECHANISM AT I.P.
46	28-10-14	11:36	HARSH VIHAR 220/66KV 160MVA ICT-1	28-10-14	11:57	66KV I/C-1 TRIPPED WITHOUT INDICATION.

20 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF OCTOBER 2014

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
14.10.14	1	0 7:40	07:47	220KV NARELA	66KV BADLI CKT. I & II, 66KV BHALASWA CKT. I & II	MALFUNCTIONING	54