DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

NOVEMBER 2014

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	NOVEMBER 2013	NOVEMBER 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)**	**3576**	**3408**
	Date	01.11.2013	07.11.2014
	Time	18.37.51	18.22.27
3	**Peak Demand met (MW)**	**3576**	**3408**
	Date	01.11.2013	07.11.2014
	Time	18.37.51	18.22.27
4	Peak Availability (MW)	3727	3376
5	Shortage (-) / Surplus (+) in MW	(+) 151	(-) 32
6	Percentage Shortage (-) / Surplus (+)	(+) 4.19	(-) 0.94
7	Maximum Energy Consume in a day (Mus)	61.622	62.557
8	Energy Consumed during the month	**1601.450**	**1744.305**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.021	0.000
ii)	Manual Load shedding from DTL S/Stns.	0.000	0.000
iii)	Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation		
	NDPL	0.146	0.219
	BRPL	0.284	0.286
	BYPL	0.104	0.098
	NDMC	0.000	0.075
	MES	0.000	0.003
iv)	Due to transmission Constraints in Central Sector	0.000	0.000
	Total due to Grid Restriction	**0.555**	**0.603**
B)	Due to Constraints in System in Mus		
	DTL	0.183	0.092
	NDPL	0.197	0.056
	BRPL	0.249	0.052
	BYPL	0.076	0.049
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.000	0.000
	Total	**0.707**	**0.689**
11	**Grand Total in Mus**	**1.262**	**1.292**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING NOVEMBER 2014

A) For the month of November 2014

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	**RPH**	0.000	0.360	-0.360	65.82	56.760
2.	**GT**	58.619	1.858	56.761	76.46	88.468
3.	**PPCL**	140.388	3.647	136.741	100.07	94.304
4.	**BTPS**	250.017	23.46	226.557	100.62	225.451
5.	**Rithala**	0.000	0.060	-0.060	**89.17**	59.040
6.	**Bawana**	221.333	8.291	213.042	--	747.067
7.	**Towmcl**	10.162	1.526	8.636	--	--
	TOTAL	**680.519**	**39.202**	**641.317**	**--**	**1271.09**

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

Power Station	Effective Capacity (MW)	Net Generation in MUs for Nov. 2014	Availability (%) for Nov 2014	PLF (%) for Nov 2014	Cumulative Generation in MUs upto Nov 2014 for the year 2014-15	Cumulative Availability in % upto Nov 2014 for the year 2014-15	Cumulative PLF in % upto Nov 2014 for the year 2014-15
RPH	135	-0.360	65.82	-1.01	290.394	65.71	41.09
GT	270	56.761	76.46	29.54	638.125	64.35	41.49
PPCL	330	136.741	100.07	59.15	1286.288	76.88	68.52
BTPS	705	226.557	100.62	50.71	2299.857	81.57	61.89
Rithala	108	-0.060	**89.17**	0.00	-0.477	**89.17**	**0.00**
Bawana	1372	213.042	--	22.42	1319.444	--	--
Towmcl	16	8.636	--	88.21	80.582	--	--
TOTAL	2936	**641.317**	**--**	**--**	**5914.213**	**--**	--

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	30.11.14	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	30.11.14	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	08-11-14	11.22	
		08.11.14	22.30	14.11.14	10.28	
		14.11.14	19.25	17.11.14	08.18	
		17.11.14	17.20	19.11.14	09.07	
		19.11.14	21.35	30.11.14	23.59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	01.02.14	17.00	30.11.14	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	12.11-14	14.54	
		13.11.14	12.55	21.11.14	12.44	

Unit No	Capacity 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	30-11-14	18.40	
		13.11.14	12.30	15.11.14	11.20	
		15.11.14	11.50	21.11.14	16.50	
		28.11.14	18.31	28.11.14	20.03	Machine stopped due to LLVT high

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	
		12.11.14	18.18	28.11.14	20.03	
		19.11.14	14.49	19.11.14	21.50	
		21.11.14	16.20	30.11.14	23.59	

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	
		29.06.14	00.02	30.06.14	17.41	
		01.07.14	01.50	02.07.14	17.01	Stopped due to low demand and high frequency
		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	
		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	Stopped due to low demand and high frequency
		14-10-14	12:50	14-10-14	18:04	
		12.11.14	19.38	13.11.14	13.59	
		21.11.14	18.06	30.11.14	23.59	

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	08-11-14	19.10	Machine stopped due to bearing inspection.
		08.11.14	19.35	14.11.14	15.35	Stopped due to low demand and high frequency
		14.11.14	16.46	17.11.14	16.29	
		17.11.14	17.05	19.11.14	13.52	
		19.11.14	16.05	19.11.14	19.30	Machine tripped due to exhaust steam temp. Very high
		19.11.14	21.35	30.11.14	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 -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	12.11.14	17.58	Stopped due to low demand and high frequency
		13.11.14	04.02	13.11.14	04.29	Machine tripped due to exhaust steam pr. Very high (Low vacuum)
		13.11.14	12.20	13.11.14	13.29	Machine tripped on low vacuum. CEP 2A tripped and other CEP-2B was under PTW.
		14.11.14	07.25	14.11.14	08.56	Machine tripped on low vacuum. CEP 2A tripped and other CEP-2B was under PTW.
		14.11.14	11.36	14.11.14	12.55	Machine tripped on hot well level very high.
		14.11.14	12.55	21.11.14	16.18	Machine stopped as per SLDC message
		28.11.14	18.31	28.11.14	20.03	Machine tripped due to LLVT high

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.
		03.11.14	12.20	03.11.14	13.25	Machine tripped suddenly due to LLVT tank very high alarm in CCT monitor but alarm not appeared on BCD.
		05.11.14	10.05	05.11.14	12.20	Machine tripped due to ESV closed alarm in CRT,found oil leakage at turbine floor on secondary oil line.
		12.11.14	19.38	13.11.14	16.12	Stopped due to low demand and high frequency
		21.11.14	18.10	30.11.14	23.59	

(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
		14.11.14	20.05	30.11.14	23.59	Stopped due to less demand and high frequency

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	Tripped due to grid disturbance
		10.11.14	20.00	14.11.14	10.48	Stopped due to shutdown desired by DTL

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
		23.11.14	17.06	23.11.14	18.00	STG unloaded and tripped due to continuous fluctuation in the system

(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	02.10.14	06.31	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	30.11.14	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	30.11.14	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	01.11.14	15.48	
		02.11.14	20.49	27.11.14	08.32	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
		01.11.14	05.12	02.11.14	04.14	C&I Induced (Axial shift)
		27.11.14	10.56	30.11.14	08.33	Stopped due to low demand and high frequency

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
		11.11.14	22.07	12.11.14	20.08	Economizer tube leakage
		30.11.14	11.10	26.12.14	05.40	Stopped due to low demand and high frequency

(E) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	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
		11.11.14	06.01	11.11.15	07.23	Unit tripped due to loss of flame & STG #1 simultaniously tripped

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	30.11.14	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	30.11.14	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
		11.11.14	06.01	11.11.14	08.54	Machine tripped consequent to tripping of GT #1

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-2	254	27.03.14	00.00	30.11.14	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	30.11.14	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	30.11.14	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	30.11.14	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**

E) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 14.11.2014

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	474	412	0	0	412
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
TOTAL	**9782**	**1302**	**1865**	**1633**	**0**	**0**	**1633**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	240	0	32	31	0	0	31
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	520	66	66	63	0	0	63
TOTAL	**4065**	**272**	**479**	**455**	**0**	**0**	**455**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**17627**	**1990**	**2731**	**2448**	**0**	**0**	**2448**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	0	0	0	0	0
Ultra Mega Projects							
Sasan	2640	0	297	255	0	0	255
Grand Total	**27727**	**2257**	**3288**	**2921**	**0**	**0**	**2921**

5 ALLOCATION OF POWER TO DISCOMS

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

(Allocation In %)

(A) 10.00hrs. to 17.00hrs.

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

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

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

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

6 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING NOVEMBER 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	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	18.30.00	0	79	280	0	313	11	240	923	2277	2426	-149	3200	0	3200
2	18.34.00	0	79	268	0	252	13	382	994	2033	2106	-73	3027	0	3027
3	18.14.54	0	78	269	0	303	12	323	985	2276	2479	-203	3261	0	3261
4	18.16.59	0	78	272	0	323	8	334	1015	2201	2357	-156	3216	0	3216
5	01:55:12	0	77	264	0	308	15	337	1001	2305	2231	74	3306	0	3306
6	18.36.20	0	73	266	0	314	9	323	985	2210	2243	-33	3195	0	3195
7	18.22.27	0	77	263	0	311	2	329	982	2426	2458	-32	3408	0	3408
8	18.21.23	0	73	266	0	310	13	323	985	2256	2338	-82	3241	0	3241
9	18.30.00	0	77	260	0	266	10	355	968	2226	2107	119	3194	0	3194
10	18.00.00	0	73	260	0	314	12	313	972	2266	2303	-37	3238	9	3247
11	18.35.16	0	76	141	0	308	8	328	861	2358	2432	-74	3219	1	3220
12	18.20.39	0	49	144	0	320	15	174	702	2561	2389	172	3263	0	3263
13	18.38.49	0	77	144	0	318	13	318	870	2379	2283	96	3249	0	3249
14	18.26.44	0	108	264	0	307	8	385	1072	2184	2123	61	3256	2	3258
15	10.08.01	0	105	148	0	327	8	388	976	2033	1996	37	3009	0	3009
16	10.38.09	0	76	150	0	320	9	334	889	2076	1999	77	2965	0	2965
17	17.54.07	0	76	150	0	319	8	310	863	2273	2102	171	3136	0	3136
18	18.33.10	0	78	147	0	321	9	336	891	2263	2263	0	3154	0	3154
19	18.35.43	0	76	149	0	314	9	338	886	2292	2245	47	3178	0	3178
20	18.25.05	0	75	147	0	304	15	336	877	2408	2312	96	3285	3	3288
21	09.30.00	0	99	149	0	316	15	337	916	2348	2269	79	3264	0	3264
22	18.30.10	0	99	149	0	316	15	337	916	2261	2210	51	3140	0	3140
23	10.02.39	0	80	153	0	324	15	338	910	2196	2026	170	3106	17	3123
24	10.45.07	0	80	150	0	329	15	341	915	2332	2202	130	3247	0	3247
25	18.21.30	0	76	148	0	318	10	320	872	2276	2298	-22	3148	0	3148
26	18.17.20	0	80	148	0	326	10	332	896	2311	2200	111	3138	13	3151
27	18.43.04	0	80	147	0	325	8	238	798	2434	2334	100	3232	5	3237
28	18.02.58	0	80	148	0	322	9	231	790	2579	2337	242	3369	0	3369
29	10.30	0	79	149	0	320	16	226	790	2318	2268	50	3108	0	3108
30	10.52.48	0	79	147	0	315	16	353	910	2193	2133	60	3103	0	3103

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING NOVEMBER 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	18.30.00	0	79	280	0	313	11	240	923	2277	2426	-149	3200	0	3200
2	18.34.00	0	79	268	0	252	13	382	994	2033	2106	-73	3027	0	3027
3	18.14.54	0	78	269	0	303	12	323	985	2276	2479	-203	3261	0	3261
4	18.16.59	0	78	272	0	323	8	334	1015	2201	2357	-156	3216	0	3216
5	01:55:12	0	77	264	0	308	15	337	1001	2305	2231	74	3306	0	3306
6	18.36.20	0	73	266	0	314	9	323	985	2210	2243	-33	3195	0	3195
7	18.22.27	0	77	263	0	311	2	329	982	2426	2458	-32	3408	0	3408
8	18.21.23	0	73	266	0	310	13	323	985	2256	2338	-82	3241	0	3241
9	18.30.00	0	77	260	0	266	10	355	968	2226	2107	119	3194	0	3194
10	18.00.00	0	73	260	0	314	12	313	972	2266	2303	-37	3238	9	3247
11	18.35.16	0	76	141	0	308	8	328	861	2358	2432	-74	3219	1	3220
12	18.20.39	0	49	144	0	320	15	174	702	2561	2389	172	3263	0	3263
13	18.38.49	0	77	144	0	318	13	318	870	2379	2283	96	3249	0	3249
14	18.26.44	0	108	264	0	307	8	385	1072	2184	2123	61	3256	2	3258
15	10.08.01	0	105	148	0	327	8	388	976	2033	1996	37	3009	0	3009
16	10.38.09	0	76	150	0	320	9	334	889	2076	1999	77	2965	0	2965
17	17.54.07	0	76	150	0	319	8	310	863	2273	2102	171	3136	0	3136
18	18.33.10	0	78	147	0	321	9	336	891	2263	2263	0	3154	0	3154
19	18.35.43	0	76	149	0	314	9	338	886	2292	2245	47	3178	0	3178
20	18.25.05	0	75	147	0	304	15	336	877	2408	2312	96	3285	3	3288
21	09.30.00	0	99	149	0	316	15	337	916	2348	2269	79	3264	0	3264
22	18.30.10	0	99	149	0	316	15	337	916	2261	2210	51	3140	0	3140
23	10.02.39	0	80	153	0	324	15	338	910	2196	2026	170	3106	17	3123
24	10.45.07	0	80	150	0	329	15	341	915	2332	2202	130	3247	0	3247
25	18.21.30	0	76	148	0	318	10	320	872	2276	2298	-22	3148	0	3148
26	18.17.20	0	80	148	0	326	10	332	896	2311	2200	111	3138	13	3151
27	18.43.04	0	80	147	0	325	8	238	798	2434	2334	100	3232	5	3237
28	18.02.58	0	80	148	0	322	9	231	790	2579	2337	242	3369	0	3369
29	10.30	0	79	149	0	320	16	226	790	2318	2268	50	3108	0	3108
30	10.52.48	0	79	147	0	315	16	353	910	2193	2133	60	3103	0	3103

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

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

A (i) RPH	0.000
(ii) GT+STG	58.619
(iii) PRAGATI	140.388
(iv) RITHALA	0.000
(v) BAWANA CCGT	221.333
(vi) Timarpur ï Okhla	10.162
TOTAL	430.502
B) AVAILABILITY FROM BTPS	225.354
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	15.742
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**640.114**

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	2.217	2.134	2.217	2.134
SALAL	13.656	13.143	13.656	13.143
SASAN	161.362	155.255	160.690	154.608
TANKAPUR	3.157	3.039	3.157	3.039
CHAMERA	4.355	4.191	4.355	4.191
CHAMERA -II	6.013	5.787	6.013	5.787
CHAMERA -III	3.393	3.266	3.393	3.266
DHAULIGANGA	5.291	5.092	5.291	5.092
SEWA -2	1.270	1.222	1.270	1.222
URI	16.901	16.266	16.901	16.266
URI-II	8.793	8.463	8.793	8.463
KOTESHWAR	6.472	6.227	6.472	6.227
PARBATI3	1.353	1.303	1.353	1.303
ANTA (GAS)	26.460	25.463	17.681	17.013
ANTA (RLNG)	4.172	4.017	0.000	0.000
ANTA (LIQUID)	0.000	0.000	0.000	0.000
DADRI (GAS)	34.843	33.509	16.814	16.173
DADRI (RLNG)	29.517	28.431	0.000	0.000
DADRI (LIQUID)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	23.958	23.056	10.458	10.066
AURAIYA (RLNG)	15.117	14.566	0.000	0.000
AURAIYA (LIQUID)	0.085	0.082	0.000	0.000
SINGRAULI	82.427	79.320	81.830	78.748
RIHAND -I	60.726	58.445	57.630	55.466
RIHAND -II	80.375	77.333	74.524	71.703
RIHAND -III	57.773	55.611	53.767	51.755
UNCHAHAR-I	15.262	14.686	13.310	12.808
UNCHAHAR-II	22.362	21.525	19.785	19.045
UNCHAHAR-III	18.601	17.898	16.523	15.899
DADRI (TH)	392.052	377.312	280.554	270.016
DADRI (TH) STAGE-II	422.723	406.953	350.206	337.131
NAPP	22.326	21.486	22.326	21.486
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	35.145	33.818	35.145	33.818
NATHPA JHAKRI	25.452	24.496	18.987	18.274
DULASTI	14.801	14.245	14.801	14.245
TEHRI	20.574	19.796	20.574	19.796
JHAJJAR	0.000	0.000	0.000	0.000
KHELGAON	33.252	32.001	26.900	25.885
KHELGAON-II	106.217	102.224	98.348	94.642
FARAKA	14.032	13.506	13.319	12.819
TALA	5.514	5.308	5.514	5.308
TALCHER	0.121	0.117	0.121	0.117
DVC	161.489	159.824	159.824	153.794
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

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
METHON POWER(NDPL)LT-06	105.918	104.835	104.835	100.906
GUJRAT	0.187	0.184	0.184	0.176
DVC LT-9	0.000	0.000	0.000	0.000
HARYANA (LT-05)	46.606	45.816	45.816	44.087
TO MEGHALAYA	-13.420	-13.679	-13.679	-14.214
TO UTTAR PRADESH	-33.426	-34.203	-34.203	-35.542
TO JAMMU & KASHMIR	-128.387	-130.957	-130.957	-136.057
TO KERALA	-1.797	-1.841	-1.841	-1.913
TO GUJRAT	-0.077	-0.078	-0.078	-0.081
TO MADHYA PRADESH	-140.646	-143.357	-143.357	-148.972
TO JHARKHAND	-12.195	-12.322	-12.322	-12.804
BTPS TO MP	-96.409	-98.269	-98.269	-102.121
TO HIMACHAL PRADESH	-78.013	-79.352	-79.352	-82.453
POWER EXCHANGE(IEX)	43.189	41.581	43.189	41.581
TO POWER EXCHANGE (IEX)	-16.884	-17.544	-16.884	-17.544
TO POWER EXCHANGE (PX)	-9.089	-9.444	-9.089	-9.444
TO SHARE PROJECT (HARYANA)	-32.030	-33.285	-32.030	-33.285
TO SHARE PROJECT (PUNJAB)	-18.825	-19.549	-18.825	-19.549
TOTAL	**1574.313**	**1488.947**	**1245.638**	**1153.519**

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	1286.454	1238.205	993.082	955.823
NTPC - ER	153.502	147.731	138.566	133.346
NHPC	81.201	78.150	81.201	78.150
NPC	57.471	55.305	57.471	55.305
SASAN	161.362	155.255	160.690	154.608
KOTESHWAR	6.472	6.227	6.472	6.227
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	25.452	24.496	18.987	18.274
TEHRI	20.574	19.796	20.574	19.796
TALA	5.514	5.308	5.514	5.308
JHAJJAR	0.000	0.000	0.000	0.000
TALCHER	0.121	0.117	0.121	0.117
DVC	161.489	159.824	159.824	153.794
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	105.918	104.835	104.835	100.906
GUJRAT	0.187	0.184	0.184	0.176
DVC (FOR NDPL) LT-09	0.000	0.000	0.000	0.000
HARYANA (LT -05)	46.606	45.816	45.816	44.087
POWER EXCHANGE(IEX)	43.189	41.581	43.189	41.581
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**2155.510**	**2082829**	**1836.526**	**1767.499**

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	-13.420	-13.679	-13.679	-14.214
TO UTTAR PRADESH	-33.426	-34.203	-34.203	-35.542
TO JAMMU & KASHMIR	-128.387	-130.957	-130.957	-136.057
TO GUJRAT	-0.077	-0.078	-0.078	-0.081
TO KERALA	-1.797	-1.841	-1.841	-1.913
TO MADHYA PRADESH	-140.646	-143.357	-143.357	-148.972
TO JHARKHAND	-12.195	-12.322	-12.322	-12.804
TO RAJASTHAN	0.000	0.000	0.000	0.000
TO MAHARASHTRA	0.000	0.000	0.000	0.000
BTPS TO MP	-96.409	-98.269	-98.269	-102.121
TO HIMACHAL PRADESH	-78.013	-79.352	-79.352	-82.453
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-16.884	-17.544	-16.884	-17.544
TO POWER EXCHANGE (PX)	-9.089	-9.444	-9.089	-9.444
TO SHARE PROJECT (HARYANA)	-32.030	-33.285	-32.030	-33.285
TO SHARE PROJECT (PUNJAB)	-18.825	-19.549	-18.825	-19.549
TOTAL	**-581.197**	**-593.882**	**-590.887**	**-613.979**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**1574.313**	**1488.947**	**1245.638**	**1153.519**
TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS				1760.047
NET CONSUMPTION				**1744.305**
AVAILABILITY WITHIN DELHI				640.114
ACTUAL DRAWAL FROM THE GRID				1104.191
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY				-49.328
LOAD SHEDDING				1.292
UNRESTRICTED DEMAND (GROSS)				1761.339
UNRESTRICTED DEMAND (NET)				1745.597
MAX. NET CONSUMPTION				62.557 ON 07.11.2014
MAX. LOAD SHEDDING				218MW ON 07.11.2014 AT 10.25HRS.
PEAK LOAD	Peak Demand during the month			SHEDDING AT PEAK TIME
DAY PEAK	3274MW AT 10.45.07HRS ON 24.11.2014			0 MW
EVENING PEAK	3408MW AT 18.22.27HRS ON 07.11.2014			0 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH			0.00%
	GT			30.15%
	PRAGATI			59.09%
	RITHALA			0.00%
	BAWANA			22.42%
	Timarpur Okhla			88.21%

9 SHEDDING DETAILS DURING THE MONTH OF NOVEMBER 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-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
02-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
03-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.006	0.000
04-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
05-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.008	0.000	0.000	0.000
06-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.012	0.000
07-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.154	0.030	0.000
08-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
09-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
10-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
11-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
12-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
13-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.003	0.000
14-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.037	0.046	0.030	0.000
15-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.010	0.000
16-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
17-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
18-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.014	0.000
19-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.011	0.000	0.012	0.000
20-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
21-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.014	0.000	0.008	0.000
22-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
23-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.002	0.000	0.000	0.000
24-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.045	0.000
25-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
26-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.005	0.000
27-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.039	0.037	0.000
28-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.026	0.000	0.000	0.000
29-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
30-Nov.14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.047	0.007	0.000
TOTAL	**0**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.098**	**0.286**	**0.219**	**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-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
02-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.001	0.000	0.003	0.000	0.000
03-Nov.14	0.000	0.000	0.000	0.000	**0.006**	**0.006**	0.000	0.000	0.000	0.000	0.000
04-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
05-Nov.14	0.000	0.000	0.000	0.000	**0.008**	**0.008**	0.000	0.000	0.000	0.000	0.000
06-Nov.14	0.000	0.000	0.000	0.000	**0.012**	**0.012**	0.000	0.000	0.000	0.000	0.000
07-Nov.14	0.000	0.000	0.000	0.000	**0.184**	**0.184**	0.000	0.000	0.004	0.000	0.000
08-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
09-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
10-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.007	0.030	0.000	0.000	0.000
11-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
12-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
13-Nov.14	0.000	0.000	0.000	0.000	**0.003**	**0.003**	0.000	0.000	0.000	0.000	0.000
14-Nov.14	0.000	0.000	0.000	0.000	**0.113**	**0.113**	0.000	0.000	0.000	0.000	0.000
15-Nov.14	0.000	0.000	0.000	0.000	**0.010**	**0.010**	0.000	0.000	0.000	0.000	0.000
16-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
17-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
18-Nov.14	0.000	0.000	0.000	0.000	**0.014**	**0.014**	0.000	0.000	0.000	0.000	0.000
19-Nov.14	0.000	0.000	0.000	0.000	**0.023**	**0.023**	0.000	0.000	0.000	0.000	0.000
20-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
21-Nov.14	0.000	0.000	0.000	0.000	**0.022**	**0.022**	0.000	0.000	0.000	0.000	0.000
22-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
23-Nov.14	0.000	0.000	0.000	0.000	**0.002**	**0.002**	0.043	0.003	0.000	0.000	0.000
24-Nov.14	0.000	0.000	0.000	0.000	**0.045**	**0.045**	0.000	0.000	0.000	0.000	0.000
25-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.001	0.000	0.000
26-Nov.14	0.000	0.000	0.000	0.000	**0.005**	**0.005**	0.000	0.000	0.000	0.000	0.000
27-Nov.14	0.000	0.000	0.000	0.000	**0.076**	**0.076**	0.000	0.000	0.000	0.000	0.000
28-Nov.14	0.000	0.000	0.000	0.000	**0.026**	**0.026**	0.000	0.000	0.000	0.000	0.000
29-Nov.14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
30-Nov.14	0.000	0.000	0.000	0.000	**0.054**	**0.054**	0.000	0.000	0.000	0.000	0.000
TOTAL	**0.000**	**0.000**	**0.000**	**0.000**	**0.603**	**0.603**	**0.051**	**0.033**	**0.008**	**0.000**	**0.000**

ALL FIGURES IN MUs

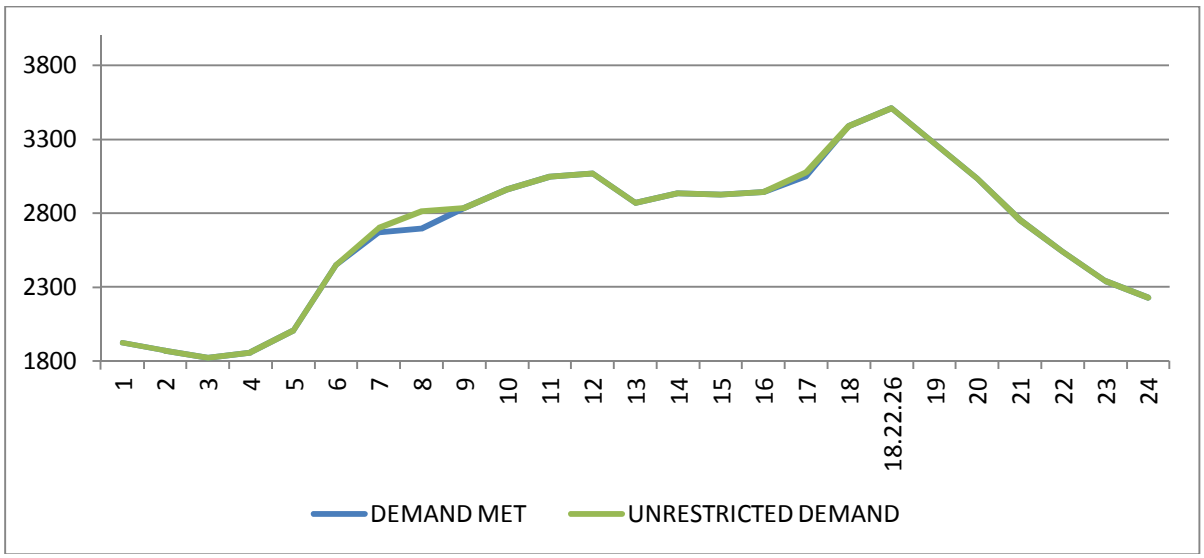
DATE	DUE TO T&D CONTRAINTS				OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.	THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	DISCOMS									
	BSES		NDPL	NDMC		BSES		NDPL		
	BYPL	BRPL				BYPL	BRPL			
1	23	24	25		26	27	28	29	30=18 to29	31=30+17
01-Nov.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	**0.009**	**0.009**
02-Nov.14	0.002	0.000	0.002	0.000	0.000	0.000	0.000	0.000	**0.008**	**0.008**
03-Nov.14	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.010	**0.012**	**0.018**
04-Nov.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	**0.016**	**0.016**
05-Nov.14	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.019	**0.020**	**0.0280**
06-Nov.14	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.003	**0.015**	**0.027**
07-Nov.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041	**0.045**	**0.229**
08-Nov.14	0.000	0.000	0.0004	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
09-Nov.14	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	**0.006**	**0.006**
10-Nov.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	**0.048**	**0.048**
11-Nov.14	0.003	0.010	0.000	0.000	0.000	0.000	0.000	0.029	**0.042**	**0.042**
12-Nov.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	**0.012**	**0.012**
13-Nov.14	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.003	**0.018**	**0.021**
14-Nov.14	0.004	0.009	0.001	0.000	0.000	0.000	0.000	0.020	**0.034**	**0.147**
15-Nov.14	0.000	0.003	0.004	0.000	0.000	0.000	0.000	0.034	**0.041**	**0.051**
16-Nov.14	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.017	**0.021**	**0.021**
17-Nov.14	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.001	**0.012**	**0.012**
18-Nov.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.034	**0.034**	**0.048**
19-Nov.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.027	**0.027**	**0.050**
20-Nov.14	0.012	0.000	0.001	0.000	0.000	0.000	0.000	0.003	**0.016**	**0.016**
21-Nov.14	0.000	0.009	0.0000	0.000	0.000	0.000	0.000	0.020	**0.029**	**0.051**
22-Nov.14	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.001	**0.003**	**0.003**
23-Nov.14	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.033	**0.090**	**0.092**
24-Nov.14	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.009	**0.011**	**0.056**
25-Nov.14	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.014	**0.017**	**0.017**
26-Nov.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.028	**0.028**	**0.033**
27-Nov.14	0.000	0.002	0.002	0.000	0.000	0.000	0.000	0.011	**0.015**	**0.091**
28-Nov.14	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.016	**0.036**	**0.062**
29-Nov.14	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.015	**0.020**	**0.020**
30-Nov.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	**0.004**	**0.058**
TOTAL	**0.049**	**0.052**	**0.056**	**0.000**	**0.000**	**0.000**	**0.000**	**0.440**	**0.689**	**1.292**

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-Nov.14	61.666	**3200**	18:30	0	**3200**	**3200**	18:30	**3200**	0
02-Nov.14	55.869	**3027**	18:34	0	**3027**	**3027**	18:34	**3027**	0
03-Nov.14	59.380	**3261**	18:14:54	0	**3261**	**3261**	18:14:54	**3261**	0
04-Nov.14	61.225	**3216**	18:16:59	0	**3216**	**3216**	18:16:59	**3216**	0
05-Nov.14	58.522	**3306**	19:08	0	**3306**	**3306**	19:08	**3306**	0
06-Nov.14	60.962	**3195**	18:36:20	0	**3195**	**3195**	18:36:20	**3195**	0
07-Nov.14	62.557	**3408**	18:22:26	0	**3408**	**3408**	18:22:26	**3408**	0
08-Nov.14	62.431	**3241**	18:21:23	0	**3241**	**3241**	18:21:23	**3241**	0
09-Nov.14	58.750	**3194**	18:30	0	**3194**	**3194**	18:30	**3194**	0
10-Nov.14	60.031	**3238**	18:00	9	**3247**	**3247**	18:00	**3238**	9
11-Nov.14	60.140	**3219**	18:35:16	1	**3220**	**3220**	18:35:16	**3219**	1
12-Nov.14	59.760	**3263**	18:20:39	0	**3263**	**3263**	18:20:39	**3263**	0
13-Nov.14	58.756	**3249**	18:38:49	0	**3249**	**3249**	18:38:49	**3249**	0
14-Nov.14	59.349	**3256**	18:26:44	2	**3258**	**3258**	18:26:44	**3256**	2
15-Nov.14	56.749	**3009**	10:08:01	0	**3009**	**3009**	10:08:01	**3009**	0
16-Nov.14	51.950	**2965**	10:38:09	0	**2965**	**2965**	10:38:09	**2965**	0
17-Nov.14	55.326	**3136**	17:54:07	0	**3136**	**3136**	17:54:07	**3136**	0
18-Nov.14	56.373	**3154**	18:33:10	0	**3154**	**3154**	18:33:10	**3154**	0
19-Nov.14	58.476	**3178**	18:35:43	0	**3178**	**3178**	18:35:43	**3178**	0
20-Nov.14	57.203	**3285**	18:25:05	3	**3288**	**3288**	18:25:05	**3285**	3
21-Nov.14	57.269	**3264**	18:20:01	0	**3264**	**3264**	18:20:01	**3264**	0
22-Nov.14	56.829	**3140**	18:30:10	0	**3140**	**3140**	18:30:10	**3140**	0
23-Nov.14	54.263	**3106**	10:02:39	17	**3123**	**3123**	10:02:39	**3106**	17
24-Nov.14	57.745	**3247**	10:45:07	0	**3247**	**3123**	18:00	**3123**	0
25-Nov.14	57.745	**3148**	18:21:30	0	**3148**	**3148**	18:21:30	**3148**	0
26-Nov.14	58.066	**3207**	18:17:20	13	**3220**	**3220**	18:17:20	**3207**	13
27-Nov.14	56.981	**3232**	18:43:04	5	**3237**	**3237**	18:43:04	**3232**	5
28-Nov.14	59.590	**3369**	18:02:58	0	**3369**	**3369**	18:02:58	**3369**	0
29-Nov.14	55.939	**3108**	10:30	0	**3108**	**3108**	10:30	**3108**	0
30-Nov.14	54.403	**3103**	10:52:48	0	**3103**	**3103**	10:52:48	**3103**	0
TOTAL	**1744.305**	**3408** **07.11.14**	18:22:27	0	**3408** 07.11.14	**3408**	18:22:27	**3408**	0

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING NOVEMBER 2014 ON 07.11.2014- 3408MW AT 18.22.27HRS.

All figures in MW

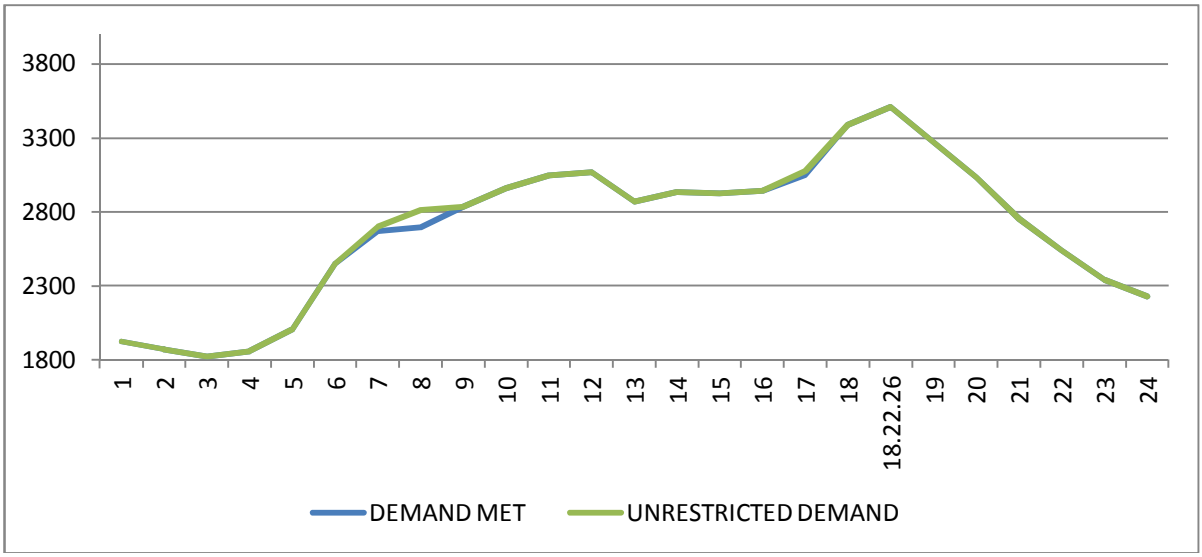
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	1924	0	1924
2	1870	0	1870
3	1822	0	1822
4	1855	0	1855
5	2003	0	2003
6	2448	0	2448
7	2669	33	2702
8	2697	115	2812
9	2836	0	2836
10	2959	0	2959
11	3048	0	3048
12	3067	0	3067
13	2869	0	2869
14	2933	0	2933
15	2927	0	2927
16	2945	0	2945
17	3052	27	3079
18	3390	0	3390
18.22.26	3512	0	3512
19	3274	0	3274
20	3032	0	3032
21	2752	0	2752
22	2541	0	2541
23	2343	0	2343
24	2227	0	2227
Total (IN MUS)	**62.557**	**0.229**	**62786**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING NOVEMBER 2014 ON 07.11.2014- 3408MW AT 18.22.27HRS.

All figures in MW

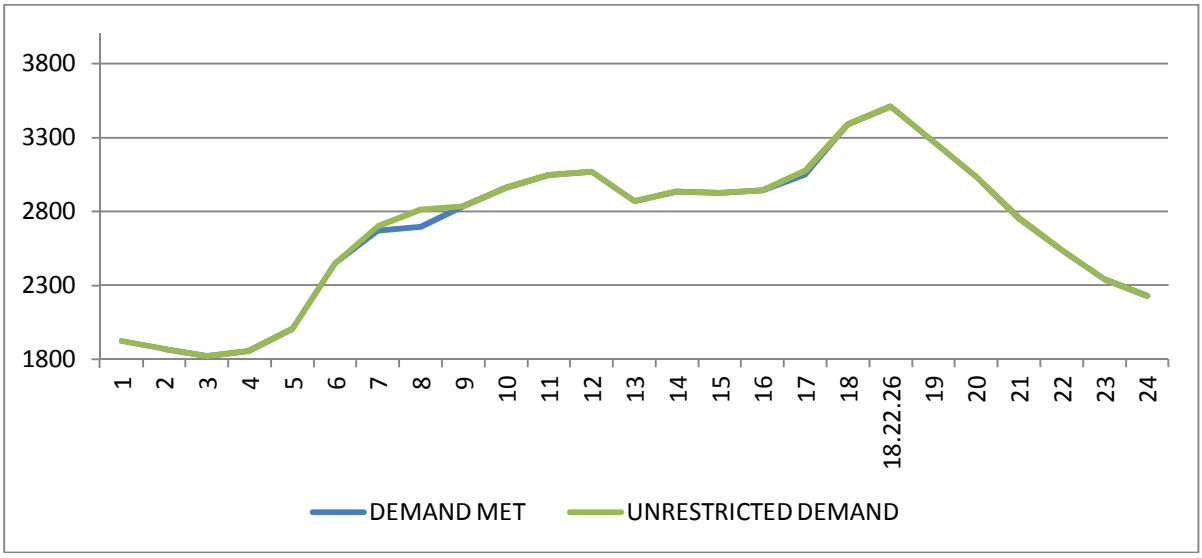
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	1924	0	1924
2	1870	0	1870
3	1822	0	1822
4	1855	0	1855
5	2003	0	2003
6	2448	0	2448
7	2669	33	2702
8	2697	115	2812
9	2836	0	2836
10	2959	0	2959
11	3048	0	3048
12	3067	0	3067
13	2869	0	2869
14	2933	0	2933
15	2927	0	2927
16	2945	0	2945
17	3052	27	3079
18	3390	0	3390
18.22.26	3512	0	3512
19	3274	0	3274
20	3032	0	3032
21	2752	0	2752
22	2541	0	2541
23	2343	0	2343
24	2227	0	2227
Total (IN MUS)	**62.557**	**0.229**	**62786**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING NOVEMBER 2014 – 07.11.2014 – 62.557Mus

All figures in MW

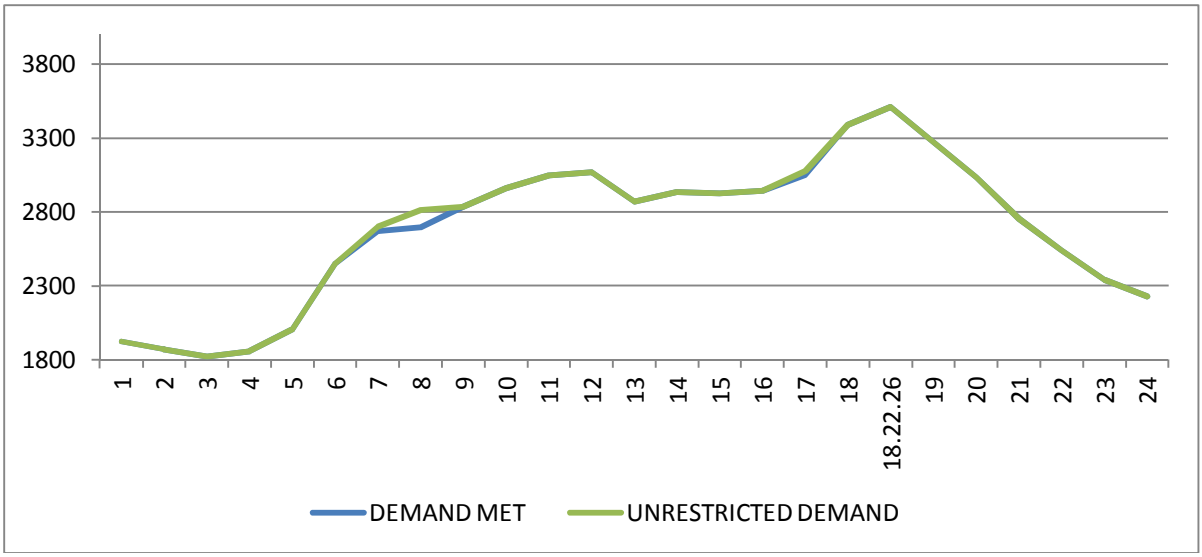
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	1924	0	1924
2	1870	0	1870
3	1822	0	1822
4	1855	0	1855
5	2003	0	2003
6	2448	0	2448
7	2669	33	2702
8	2697	115	2812
9	2836	0	2836
10	2959	0	2959
11	3048	0	3048
12	3067	0	3067
13	2869	0	2869
14	2933	0	2933
15	2927	0	2927
16	2945	0	2945
17	3052	27	3079
18	3390	0	3390
18.22.26	3512	0	3512
19	3274	0	3274
20	3032	0	3032
21	2752	0	2752
22	2541	0	2541
23	2343	0	2343
24	2227	0	2227
Total (IN MUS)	**62.557**	**0.229**	**62786**



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING NOVEMBER 2014 – 07.11.2014 – 62.786 Mus

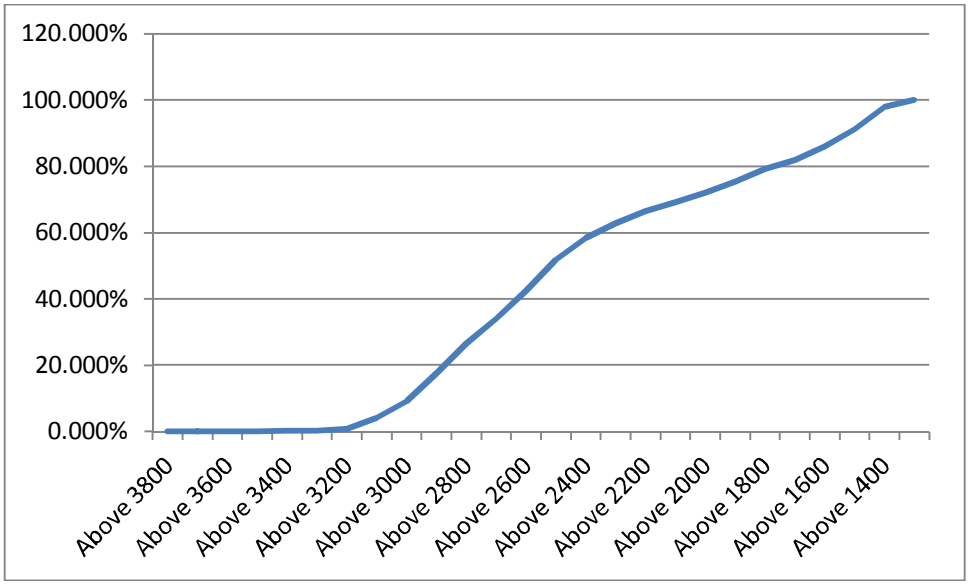
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	1924	0	1924
2	1870	0	1870
3	1822	0	1822
4	1855	0	1855
5	2003	0	2003
6	2448	0	2448
7	2669	33	2702
8	2697	115	2812
9	2836	0	2836
10	2959	0	2959
11	3048	0	3048
12	3067	0	3067
13	2869	0	2869
14	2933	0	2933
15	2927	0	2927
16	2945	0	2945
17	3052	27	3079
18	3390	0	3390
18.22.26	3512	0	3512
19	3274	0	3274
20	3032	0	3032
21	2752	0	2752
22	2541	0	2541
23	2343	0	2343
24	2227	0	2227
Total (IN MUS)	**62.557**	**0.229**	**62786**



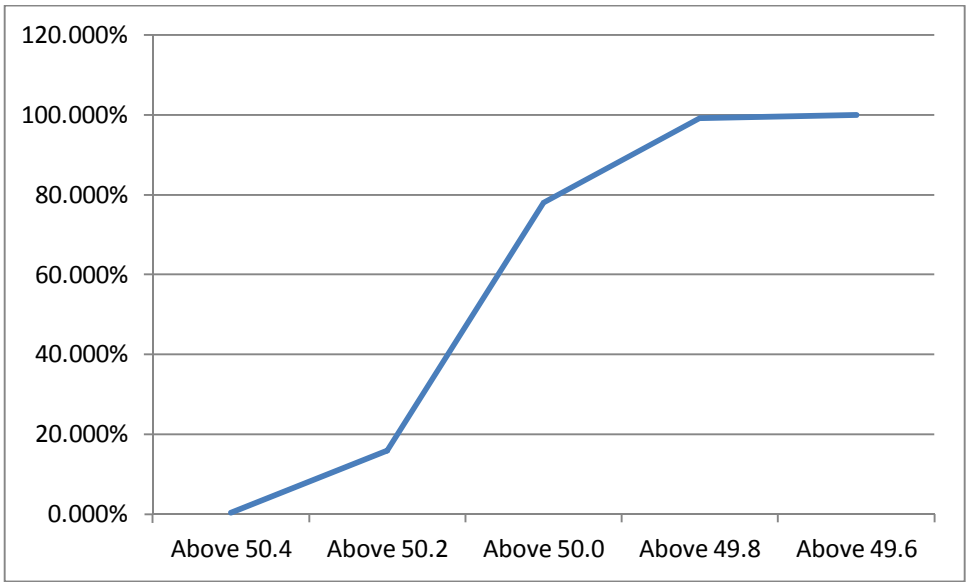
14 LOAD DURATION CURVE FOR NOVEMBER 2014

Load in MW	Percentage of Time
Above 3800	0.000%
Above 3700	0.035%
Above 3600	0.035%
Above 3500	0.174%
Above 3400	0.278%
Above 3300	0.382%
Above 3200	0.972%
Above 3100	4.132%
Above 3000	9.236%
Above 2900	17.708%
Above 2800	26.632%
Above 2700	33.993%
Above 2600	42.569%
Above 2500	51.910%
Above 2400	58.403%
Above 2300	62.882%
Above 2200	66.493%
Above 2100	69.201%
Above 2000	72.118%
Above 1900	75.451%
Above 1800	79.167%
Above 1700	81.979%
Above 1600	86.042%
Above 1500	91.146%
Above 1400	98.021%
Above 1300	100.000%



15 FREQUENCY ANALYSIS FOR THE MONTH OF NOVEMBER 2014

Frequency Range in Hz.	Percentage of time
Above 50.4	0.490%
Above 50.2	15.970%
Above 50.0	77.990%
Above 49.8	99.170%
Above 49.6	100.000%



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-Nov.14	229.18	216.93	233.95	222.21
02-Nov.14	228.92	219.64	234.72	224.92
03-Nov.14	228.79	218.60	234.98	225.31
04-Nov.14	229.95	218.35	237.05	226.73
05-Nov.14	228.15	218.22	235.63	225.31
06-Nov.14	230.21	218.22	237.56	224.15
07-Nov.14	229.95	219.51	236.01	222.86
08-Nov.14	228.28	218.22	233.18	222.99
09-Nov.14	228.92	219.64	233.43	225.44
10-Nov.14	228.02	217.18	233.69	221.57
11-Nov.14	227.89	217.83	233.18	220.54
12-Nov.14	--	--	--	--
13-Nov.14	--	--	--	--
14-Nov.14	230.47	218.35	235.76	222.86
15-Nov.14	230.21	218.22	237.69	225.95
16-Nov.14	231.24	220.15	239.75	229.18
17-Nov.14	231.76	217.18	240.14	223.76
18-Nov.14	229.95	218.22	237.82	225.05
19-Nov.14	231.37	219.25	238.46	222.86
20-Nov.14	229.82	218.47	235.11	218.60
21-Nov.14	230.73	217.83	237.30	224.15
22-Nov.14	232.40	219.25	237.17	224.15
23-Nov.14	232.66	221.18	236.27	224.92
24-Nov.14	233.05	218.86	236.40	222.21
25-Nov.14	232.02	219.12	235.76	223.63
26-Nov.14	232.53	217.06	236.27	222.86
27-Nov.14	231.24	217.06	235.76	222.99
28-Nov.14	230.08	218.22	235.11	219.89
29-Nov.14	230.47	218.47	233.31	221.05
30-Nov.14	229.82	218.86	234.98	225.05

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

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Nov.14	415.75	02.41.30	398.16	18.27.01	406.57
02-Nov.14	417.86	04.04.55	402.62	18.29.18	409.94
03-Nov.14	416.22	04.04.47	398.63	09.35.26	407.17
04-Nov.14	416.92	04.04.49	399.34	09.21.17	407.06
05-Nov.14	414.81	04.02.33	399.57	09.49.23	407.05
06-Nov.14	413.41	20.59.29	398.16	18.13.10	405.27
07-Nov.14	418.10	04.04.22	399.10	09.28.51	407.74
08-Nov.14	415.75	04.01.39	399.57	09.19.37	407.96
09-Nov.14	418.10	04.03.04	403.32	09.10.30	409.66
10-Nov.14	415.98	20.54.57	396.29	09.52.09	406.40
11-Nov.14	415.98	21.42.55	406.14	05.53.58	413.88
12-Nov.14	--	--	--	--	--
13-Nov.14	--	--	--	--	--
14-Nov.14	418.56	02.59.21	399.57	09.53.54	412.10
15-Nov.14	418.56	21.26.54	398.63	09.42.08	409.47
16-Nov.14	420.67	21.46.33	402.85	12.31.34	411.93
17-Nov.14	421.61	04.03.03	394.88	12.14.51	407.65
18-Nov.14	419.27	20.57.43	399.34	12.15.41	407.30
19-Nov.14	421.38	04.03.34	400.74	11.09.07	409.71
20-Nov.14	419.03	04.02.45	399.34	12.23.44	408.29
21-Nov.14	419.03	03.27.14	396.99	18.16.04	410.71
22-Nov.14	418.33	03.02.21	396.05	09.47.22	405.78
23-Nov.14	419.27	21.47.14	400.74	18.08.51	410.50
24-Nov.14	419.74	03.02.12	394.88	10.29.21	407.54
25-Nov.14	418.56	05.03.39	397.23	10.18.25	405.30
26-Nov.14	409.03	04.17.52	397.93	10.42.13	407.26
27-Nov.14	418.33	02.52.12	398.40	09.42.45	407.74
28-Nov.14	418.10	02.00.50	394.41	10.50.30	407.75
29-Nov.14	417.86	00.00.05	398.16	09.48.19	407.68
30-Nov.14	419.50	20.58.38	400.74	09.19.20	410.31

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Nov.14	424.19	02.41.20	406.61	09.25.58	416.17
02-Nov.14	425.60	04.16.36	410.12	18.28.18	418.67
03-Nov.14	423.25	04.05.57	423.25	04.05.57	408.01
04-Nov.14	424.43	04.05.39	409.18	18.12.08	416.16
05-Nov.14	422.79	04.02.43	408.01	18.27.34	416.06
06-Nov.14	425.36	04.08.24	407.31	18.13.50	415.72
07-Nov.14	424.90	04.04.32	408.72	18.23.51	415.94
08-Nov.14	422.55	04.01.39	407.78	18.22.54	415.40
09-Nov.14	424.43	04.03.04	40.12	09.10.20	416.29
10-Nov.14	423.02	20.57.37	404.49	18.20.49	413.56
11-Nov.14	423.02	21.42.55	406.14	05.53.58	413.88
12-Nov.14	--	--	--	--	--
13-Nov.14	--	--	--	--	--
14-Nov.14	426354	04.03.14	407.78	18.13.01	419.92
15-Nov.14	426.30	21.04.50	406.84	12.19.19	416.79
16-Nov.14	428.65	21.01.01	410.36	12.31.04	419.34
17-Nov.14	427.47	04.03.03	402.62	12.14.51	415.01
18-Nov.14	426.07	20.59.43	406.37	12.19.51	414.52
19-Nov.14	427.24	04.03.54	408.01	18.26.41	416.46
20-Nov.14	423.72	09.35.46	407.31	18.18.43	413.81
21-Nov.14	425.13	03.21.24	406.14	18.20.24	417.63
22-Nov.14	425.36	03.02.21	404.26	09.48.22	413.80
23-Nov.14	426.07	21.47.04	407.78	01.27.06	417.89
24-Nov.14	426.07	00.01.42	405.20	18.31.48	414.42
25-Nov.14	423.25	21.56.31	406.14	12.27.00	412.90
26-Nov.14	425.13	04.16.52	406.14	10.42.23	414.79
27-Nov.14	424.43	02.50.22	406.61	11.18.21	414.76
28-Nov.14	424.23	02.02.10	404.49	12.11.55	415.51
29-Nov.14	425.13	00.00.05	406.84	18.27.08	415.92
30-Nov.14	425.60	20.59.18	409.18	11.11.07	417.26

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 NOVEMBER 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	18-11-14	18:17	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	07-11-14	16:40	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	26-10-14	11:55	INDRAPRASTHA POWER 33kV KILOKRI CKT (BAY-37)	01-11-14	15:50	PROBLEM IN CB MECHANISM.
8	01-11-14	06:50	PAPPANKALAN-I 66/11kV, 20MVA Tx-I	01-11-14	09:10	TX TRIPPED ON BUCHHOLZ RELAY INDICATION.
9	02-11-14	17:41	ROHINI-II 66kV RG-28 CKT.-1	02-11-14	19:30	PROBLEM IN SPRING CHARGE MECHANISM OF CB OF CKT.
10	02-11-14	17:41	ROHINI-II 66kV RG-28 CKT.-2	02-11-14	19:05	PROBLEM IN SPRING CHARGE MECHANISM OF CB OF CKT.
11	02-11-14	13:21	220kV WAZIRABAD - KASHMEREGATE CKT-II	02-11-14	13:35	AT WZB CKT TRIPPED ON D/P,Z-1,RY&B-PH, DIST-1.1KM. NO TRIPPING AT KASHMIRIGATE.
12	02-11-14	13:37	220kV WAZIRABAD - KASHMEREGATE CKT-II	02-11-14	15:28	AT WZB CKT TRIPPED ON D/P,Z-1,RY&B-PH, DIST-1.0KM. NO TRIPPING AT KASHMIRIGATE.
13	02-11-14	15:55	220kV WAZIRABAD - KASHMEREGATE CKT-II	02-11-14	18:32	AT WZB CKT TRIPPED ON D/P,Z-1,RY&B-PH, DIST-1.1KM. NO TRIPPING AT KASHMIRIGATE. LATER S/D AVAILED AT WZB TO ATTEND JUMPER BETWEEN CT AND CB.
14	05-11-14	16:35	ELECTRIC LANE 33kV B.D.MARG CKT	05-11-14	17:02	CKT TRIPPED DURING PROTECTION TESTING OF RELAY.
15	07-11-14	11:26	220KVBAWANA- ROHINI CKT-II	07-11-14	13:31	AT ROHINI CKT TRIPPED ON D/P, AB&C-PH. AT BAWANA CKT TRIPPED ON D/P, A&B-PH.
16	10-11-14	15:25	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	10-11-14	16:40	TX TRIPPED ON B-PH E/F.
17	10-11-14	15:25	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	10-11-14	17:05	TX TRIPPED ON 86.
18	10-11-14	15:58	INDRAPRASTHA POWER 220/33kV 100MVA Tx-III	10-11-14	16:58	TX TRIPPED WITHOUT INDICATION.
19	11-11-14	05:34	VASANT KUNJ 66/11kV, 20MVA Tx-I	11-11-14	15:58	TX TRIPPED ON OLTG TEMP.,30D.
20	12-11-14	08:08	PAPPANKALAN-I 66kV BINDAPUR CKT-II	12-11-14	10:07	AT PPK-1 CKT TRIPPED WITHOUT INDICATION. SPARKING OBSERVED AT RELAYS .
21	12-11-14	04:55	220kV BAWANA - KANJHAWALA CKT	12-11-14	15:20	AT KANJHAWALA CKT TRIPPED WITHOUT INDICATION. NO TRIPPING AT BAWANA. S/D AVAILED FOR CHECKING CB AT KANJHAWALA.
22	12-11-14	23:13	220kV BAMNAULI-NARAINA CKT-I	12-11-14	23:33	AT BAMNAULI CKT TRIPPED ON D/P, A-PH, 186 A&B. NO TRIPPING AT NARAINA.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
23	12-11-14	23:46	220kV BAMNAULI-NARAINA CKT-I	13-11-14	00:24	AT BAMNAULI CKT TRIPPED ON D/P, A-PH, 186 A&B. NO TRIPPING AT NARAINA.
24	13-11-14	12:35	220kV BAMNAULI-NARAINA CKT-I	13-11-14	12:38	AT NARAINA CKT TRIPPED WITHOUT INDICATION.
25	15-11-14	19:35	KANJHAWALA 220/66kV 100MVA Tx-I	15-11-14	19:53	66KV I/C-1 TRIPPED ON 295C.
26	16-11-14	21:43	400kV Dadri-Harsh Vihar Ckt-I	17-11-14	00:54	CKT TRIPPED ON 86. NO TRIPPING AT DADRI YARD.
27	17-11-14	02:10	400kV Dadri-Harsh Vihar Ckt-I	17-11-14	02:44	SUPPLY FAILED FROM DADRI S/STN. NO TRIPPING AT HARSH VIHAR.
28	17-11-14	15:51	400kV Dadri-Harsh Vihar Ckt-I	17-11-14	18:21	AT DADRI CKT TRIPPED ON VT FUSE FAILURE. NO TRIPPING AT HARSH VIHAR.
29	18-11-14	18:48	400kV Ballabhgarh-Bamnauli Ckt-II	18-11-14	19:14	AT BAMNAULI CKT TRIPPED ON D/P, Z-1, C-N-PH, 130E, 186 A&B. NO TRIPPING AT BALLABGARH.
30	18-11-14	18:48	400kV Ballabhgarh-Bamnauli Ckt-I	18-11-14	19:14	AT BAMNAULI CKT TRIPPED ON D/P, Z-1, C-N-PH, 130E, 186 A&B. NO TRIPPING AT BALLABGARH.
31	20-11-14	03:45	220kV MAHARANI BAGH - LODHI ROAD CKT-I	20-11-14	15:51	AT MAHARANI BAGH CKT TRIPPED ON D/P, Z-3, E/F. NO TRIPPING AT LODHI ROAD. HOWEVER AT LODHI ROAD R-PH LA DAMAGED.
32	23-11-14	09:10	KASHMIRI GATE 220/33kV 100MVA Tx-II	23-11-14	13:46	TX TRIPPED WITHOUT INDICATION.
33	23-11-14	15:30	220kV WAZIRABAD-GEETA COLONY CKT-I	23-11-14	17:05	AT WZB CKT TRIPPED ON D/P,Z-1, R-PH LA DAMAGED. AT GEETA COLONY CKT TRIPPED ON D/P, E/F.
34	25-11-14	09:15	220KV SHALIMARBAGH-WAZIRPUR CKT-II	25-11-14	09:40	AT WZP CKT TRIPPED ON 86, LOW GAS PRESSURE. NO TRIPPING AT SHALIMARBAGH.

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

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
				NIL			