DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

JANUARY 2014

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	JANUARY 2013	JANUARY 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	685	902
	TOWMCL	16	16
	Total	2249	2466
2	**Maximum Unrestricted Demand (MW)**	**4266**	**4079**
	Date	08.01.2013	10.01.2014
	Time	10.32.29	10.30.00
3	**Peak Demand met (MW)**	**4214**	**4000**
	Date	09.01.2013	17.01.2014
	Time	10.13.56	10.31.16
4	Peak Availability (MW)	4092	4103
5	Shortage (-) / Surplus (+) in MW	(-) 122	(-) 103
6	Percentage Shortage (-) / Surplus (+)	(-) 2.9	(-) 2.58
7	Maximum Energy Consume in a day (Mus)	69.814	72.462
8	Energy Consumed during the month	**1900.652**	**2026.803**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.000	0.011
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	4.134	1.884
	BRPL	1.939	1.367
	BYPL	4.687	0.033
	NDMC	0.000	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.000	0.263
	Total due to Grid Restriction	**10.760**	**3.858**
B)	Due to Constraints in System in Mus		
	DTL	0.188	0.295
	NDPL	0.422	0.373
	BRPL	0.146	0.212
	BYPL	0.438	0.200
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.008	0.050
	Total	**1.202**	**1.130**
11	**Grand Total in Mus**	**11.962**	**4.988**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING JANUARY 2014

A) For the month of January 2014

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	**RPH**	0.000	0.370	-0.370	83.49	74.400
2.	**GT**	110.248	2.673	107.575	87.92	64.095
3.	**PPCL**	202.755	4.843	197.912	87.72	11.216
4.	**BTPS**	382.235	32.674	349.561	102.67	112.676
5.	**Rithala**	0.000	0.149	-0.149	**58.22**	39.831
6.	**Bawana**	0.000	1.747	-1.747	106.44	692.85
7.	**Towmcl**	6.332	1.266	5.066	--	--
	TOTAL	**701.57**	**43.722**	**657.848**	**--**	**995.068**

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

Power Station	Effective Capacity (MW)	Net Generation in MUs for Jan 2014	Availability (%) for Jan 2014	PLF (%) for Jan 2014	Cumulative Generation in MUs upto Jan 2014 for the year 2013-14	Cumulative Availability in % upto Jan 2014 for the year 2013-14	Cumulative PLF in % upto Jan 2014 for the year 2013-14
RPH	135	-0.370	83.49	0	301.031	64.13	34.94
GT	270	107.575	87.92	55.02	870.008	88.08	45.33
PPCL	330	197.912	87.72	83.01	1978.861	91.67	83.99
BTPS	705	349.561	102.67	75.54	3233.733	93.63	70.13
Rithala	108	-0.149	**58.22**	0	-0.988	**88.75**	**0.04**
Bawana	902	-1.747	106.44	0	612.248	93.37	10.08
Towmcl	16	5.066	--	53.19	76.545	--	--
TOTAL	**2466**	**657.848**	**--**	**--**	**7071.438**	**--**	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2012

(A) RPH STATION

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	03.04.13	18.35	03.04.13	19.45	Unit tripped due to drum level very low.
		04.04.13	08.55	04.04.13	09.45	Unit tripped due to drum level low.
		14.04.13	10.20	14.04.13	15.40	Unit desynchronised to attend the CW line leakage.
		19.04.13	08.25	19.04.13	16.40	Unit desynchronised to attend the Boiler window repairing.
		19.04.13	17.00	19.04.13	17.30	Unit tripped due to bay no. 20 tripped.
		03.05.13	20.00	05.05.13	03.30	Unit desynchronised to attend the Boiler tube leakage.
		05.05.13	11.40	05.05.13	13.40	Unit tripped due to drum level low.
		05.05.13	15.55	05.05.13	20.15	Dark out due to Reacter on bay no. 9 had been blasted.
		19.05.13	07.10	24.05.13	04.40	Unit desynchronised due to shortage of coal fuel and to attend the CW line leakage.
		25.05.13	01.50	25.05.13	03.20	Unit tripped due to Furnace pr. very high.
		01.06.13	12.40	01.06.13	13.55	Unit tripped due to drum level low.
		02.06.13	11.55	02.06.13	13.05	Unit tripped due to Furnace pr. very high.
		06.06.13	17.10	06.06.13	20.05	Dark out due to 22K 9F, unit tripped.
		16.06.13	18.35	19.06.13	13.50	Unit desynchronised as per system operation.
		21.06.13	22.50	24.06.13	14.50	Unit desynchronised to attend the Boiler tube leakage.
		02.07.13	12.55	02.07.13	14.25	Dark out due to grid disturbance.
		09.07.13	23.30	10.07.13	00.25	Unit tripped due to flame failure.
		10.07.13	00.40	10.07.13	03.40	Unit tripped due to ST-1 trip.
		10.07.13	04.10	10.07.13	04.35	Unit tripped due to furnace pressure high.
		10.07.13	04.40	15.07.13	12.05	Unit tripped due to furnace pressure high (suspected boiler tube leakage).
		16.07.13	11.00	22.07.13	00.05	Unit tripped due to furnace pressure very high.
		22.07.13	03.55	22.07.13	04.25	
		22.07.13	10.45	22.07.13	12.00	Dark out due to 220kv supply failure.
		23.07.13	19.15	01.08.13	23.00	Unit tripped on furnace pressure very high due to boiler tube leakage.
		02.08.13	10.00	02.08.13	10.50	Unit tripped due to flame failure
		03.08.13	10.55	03.08.13	12.35	Dark out due to grid disturbance
		03.08.13	12.45	03.08.13	13.05	Unit tripped due to drum level low
		03.08.13	13.15	03.08.13	13.45	Unit tripped due to turbine trip
		07.08.13	19.35	07.08.13	20.55	Unit tripped due to flame failure
		07.08.13	21.05	07.08.13	22.25	Ujnit tirpped due to drum level very low
		08.08.13	08.05	16.08.13	17.40	Stopped due to low demand and high frequency
		21.08.13	06.55	21.08.13	08.35	Unit tripped due to turbine trip
		22.08.13	02.15	22.08.13	03.00	Unit tripped on furnance pressure very high
		22.08.13	22.00	27.08.13	17.40	Unit tripped due to heavy steam leakage from turbine control valve
		11.09.13	03.23	12.09.13	15.15	Shortage of raw water
		16.09.13	05.05	16.09.13	12.19	Coal mill problem
		22.09.13	05.58	24.09.13	14.00	Stopped due to low demand and high frequency
		27.09.13	23.00	27.09.13	23.30	Furnance pressure high
		28.09.13	17.00	28.09.13	18.00	Flame failure
		28.09.13	18.10	28.09.13	18.35	Furnace pressure very high
		29.09.13	18.45	29.09.13	19.10	Flame failure
		29.09.13	23.20	07.10.13	18.15	Desynchronized to attend main stream temp; control line leakage
		07.10.13	20.50	07.10.13	21.25	Furnace pressure very high

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	10.10.13	10.35	14.10.13	10.40	Boiler tube leakage
		25.10.13	23.15	28.10.13	10.25	Stopped due to less demand and high frequency
		28.10.13	10.45	28.10.13	11.15	Drum level high
		04.11.13	12:00	31.01.14	23.59	Stopped due to low demend

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	67.5	03.04.13	04.10	03.04.13	05.35	Unit tripped due to turbine trip.
		05.04.13	20.00	06.04.13	04.05	Unit desynchronised to attend the economiser tube leakage.
		14.04.13	10.10	14.04.13	18.15	Unit desynchronised to attend the CW line leakage.
		04.05.13	09.20	06.05.13	03.25	Unit desynchronised to attend the Economiser tube leakage.
		11.05.13	17.15	11.05.13	18.00	Unit tripped due to turbine trip.
		11.05.13	23.20	11.05.13	23.45	
		19.05.13	07.15	19.05.13	20.55	Unit desynchronised to attend the CW line leakage.
		24.05.13	05.50	01.06.13	00.25	Unit desynchronised due to shortage of coal fuel.
		01.06.13	19.20	07.06.13	14.20	Unit tripped due to Boiler tube leakage.
		11.06.13	07.15	11.06.13	08.30	Unit tripped due to birdage, bay No. 1 to 9 tripped.
		18.06.13	14.20	18.06.13	15.00	Unit tripped due to turbine trip.
		02.07.13	12.55	02.07.13	14.10	Dark out due to grid disturbance.
		02.07.13	23.55	03.07.13	00.55	Unit tripped due to loss of fuel.
		10.07.13	00.45	10.07.13	02.00	Unit tripped due to emergency board supply failure.
		10.07.13	10.45	10.07.13	11.55	Unit tripped due to furnace pressure very high.
		10.07.13	13.50	10.07.13	17.10	Unit desynchronised due to furnace pressure hunting.
		11.07.13	09.20	12.07.13	19.25	Unit desynchronised, furnace disturbance due to wet coal.
		14.07.13	15.35	14.07.13	16.10	Unit tripped due to furnace pressure very high.
		15.07.13	03.45	15.07.13	04.45	Unit tripped due to furnace pressure high.
		19.07.13	07.50	19.07.13	08.20	Unit tripped due to condensor vaccum low.
		21.07.13	03.55	23.07.13	22.20	Unit desynchronised due to no coal flow.
		24.07.13	17.40	02.08.13	13.20	Unit desynchronised to attend the leakage from ACW line.
		03.08.13	10.55	03.08.13	12.10	Dark out due to grid disturbance
		16.08.13	19.30	23.08.13	22.20	Stopped due to low demand and high frequency
		26.08.13	12.15	26.08.13	13.20	Dark out due to grid disturbance
		28.08.13	22.15	13.09.13	16.23	Unit desynchronised to attend the boiler tube leakage / coal mill problem
		26.09.13	09.55	21.10.13	11.30	Boiler tube leakage
		25.10.13	23.15	26.10.13	00.50	Electrical fault
		30.10.13	16.10	31.01.14	23.59	Stopped due to low demand

(B) Gas Turbine

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	**30**	01.04.13	0:00	01-04-13	5:45	Stopped due to low demand and high frequency
		03.04.13	16:30	10-04-13	11:25	
		18.04.13	23:20	19-04-13	12:01	Machine stopped to rectify the faulty Controller
		19.04.13	12:15	22-04-13	5:47	Stopped due to low demand and high frequency
		29.04.13	11:31	29-04-13	23:37	
		07.05.13	1:45	13-05-13	14:25	
		13.05.13	16:48	13-05-13	17:10	Machine came on FSNL during charging of 160 MVA Trf.
		18.05.13	13:25	21-05-13	21:10	Stopped due to low demand and high frequency
		30.05.13	21:45	17-06-13	22:55	
		17.06.13	23:15	18-06-13	20:15	
		28.06.13	10:52	28-06-13	22:00	
		28.06.13	22:00	29-06-13	17:00	Machine not available due to problem in Diesel Engine
		29.06.13	17:00	01-07-13	18:05	Stopped due to low demand and high frequency
		01.07.13	21:35	02-07-13	17:45	
		02.07.13	17:45	03-07-13	11:45	Machine could not be started due to problem in EOP
		03.07.13	11:45	08-07-13	8:55	Stopped due to low demand and high frequency
		12.07.13	11:50	15-07-13	8:00	
		15.07.13	9:10	15-07-13	10:40	
		17.07.13	11:20	18-07-13	20:35	
		20.07.13	12:05	27-07-13	21:30	
		27-07-13	21:40	28-07-13	0:12	Machine could not be synchronised due to ignition pressure high trip.
		29-07-13	13:55	29-07-13	15:10	Machine tripped due to GCV reference not followed and loss of flame
		31-07-13	10:40	31-07-13	11:27	Machine came on FSNL due to grid disturbance
		31-07-13	17:30	01.08.13	23:42	Stopped due to low demand and high frequency
		02.08.13	1:40	02.08.13	11:45	
		02.08.13	12:40	04.08.13	10:41	
		06.08.13	15:30	08.08.13	20:41	
		09.08.13	1:20	28.08.13	0:30	
		28.08.13	0:30	28.08.13	3:00	Machine taken out from DC due to leakage in ACW line.
		28.08.13	3:00	28.08.13	11:45	Stopped due to low demand and high frequency
		28.08.13	11:45	28.08.13	14:00	due to leakage in ACW line,GT# 1 not available
		28.08.13	14:00	05.09.13	10:53	Stopped due to low demand and high frequency
		06.09.13	02:17	12.09.13	21:27	
		13.09.13	18:18	07.10.13	12:20	
		11.10.13	09:37	14.10.13	11:15	
		15.10.13	03:02	16.10.13	13:44	
		23.10.13	13:15	31.01.14	23.59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	01-04-13	0:00	01-04-13	5:35	Stopped due to low demand and high frequency
		03-04-13	12:02	09-04-13	5:50	
		10-04-13	17:25	11-04-13	11:45	
		28-04-13	21:40	28-04-13	23:45	
		07-05-13	16:30	13-05-13	17:20	
		17-05-13	16:20	28-06-13	22:00	
		28-06-13	22:00	29-06-13	17:00	Machine not available due to problem in Gas Valve
		29-06-13	17:00	02-07-13	17:45	Stopped due to low demand and high frequency
		02-07-13	17:45	03-07-13	13:15	Machine could not be started due to problem in EOP
		03-07-13	13:15	28.08.13	0:30	Stopped due to low demand and high frequency
		28.08.13	0:30	28.08.13	3:00	Machine taken out from DC due to leakage in ACW line.
		28.08.13	3:00	28.08.13	11:45	Stopped due to low demand and high frequency
		28.08.13	11:45	28.08.13	14:00	due to leakage in ACW line,GT# 2 not available
		28.08.13	14:00	31.01.14	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	01-04-13	0:00	01-04-13	7:30	Stopped due to low demand and high frequency
		17-04-13	10:40	22-04-13	8:10	
		28-04-13	21:46	29-04-13	10:55	
		04-05-13	0:05	06-05-13	14:00	
		07-05-13	1:50	07-05-13	12:00	
		11-05-13	19:30	14-05-13	17:15	
		14-05-13	18:23	14-05-13	21:00	
		14-05-13	21:00	17-05-13	15:45	
		06-06-13	17:04	06-06-13	19:00	Machine came on FSNl due to tripping of 160 MVA Tr-I & II at IP Extension end.
		06-06-13	22:47	07-06-13	11:55	Stopped due to low demand and high frequency
		09-06-13	8:09	09-06-13	9:50	Machine came on FSNL due to tripping of 160 MVA Tr-I & II Buchholtz relay operated after that tripped on Lube oil temperature high as the auxiliary supply failed .
		11-06-13	12:45	12-06-13	7:56	Stopped due to low demand and high frequency
		14-06-13	8:45	17-06-13	20:50	
		23-06-13	23:40	24-06-13	8:16	
		28-06-13	9:40	28-06-13	21:13	
		30-06-13	9:18	01-07-13	17:23	
		02-07-13	12:44	02-07-13	13:40	Machine came on FSNL due to grid disturbance
		12-07-13	14:25	12-07-13	21:30	Stopped due to low demand and high frequency
		11-07-13	11:30	18-07-13	20:40	
		20-07-13	12:06	20-07-13	13:22	
		22-07-13	10:32	22-07-13	10:46	Machine came on FSNL due to grid disturbance
		22-07-13	11:20	22-07-13	12:55	Machine taken on FSNL due to voltage problem,160 MVA Tx. Not synchronised
		27-07-13	11:05	27-07-13	21:45	Stopped due to low demand and high frequency
		28-07-13	20:05	30-07-13	20:53	
		31-07-13	10:40	31-07-13	15:55	Machine tripped due to grid disturbance

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	03.08.13	10:56	03.08.13	11:23	Machine came on FSNL due to grid disturbance
		03.08.13	11:23	05.08.13	19:30	Stopped due to low demand and high frequency
		06.08.13	15:34	07.08.13	15:40	
		09.08.13	22:15	26.08.13	9:15	
		26.08.13	12:12	26.08.13	12:58	machine tripped due to Grid disturbance
		28.08.13	0:30	28.08.13	2:50	due to leakage in ACW line,GT not available
		08.09.13	12:32	11.09.13	11:55	Stopped due to low demand and high frequency
		12.09.13	12:45	12.09.13	15:06	
		13.09.13	09:15	13.09.13	17:05	
		21.09.13	14:46	24.09.13	08:48	
		02.10.13	00:32	06.10.13	04:55	
		02.11.13	09:20	02.11.13	09:50	Machine tripped due to Exhaust overtemperature trip
		02.11.13	09:50	02.11.13	17:25	Machine not available due to P2 pressure high .(about 23 kg.)
		13.11.13	05:05	13.11.13	06:35	Machine tripped due to Exhaust overtemperature trip
		23.11.13	13:25	23.11.13	17:10	Tripped to change Air Filter.
		2.12.13	23:56	3.12.13	00:22	machine tripped on Exhaust Over temp.High
		16.12.13	02:47	16.12.13	03:40	machine Tripped on high TAD
		16.12.13	04:41	16.12.13	08:00	machine Tripped on high TAD.
		16.12.13	08:00	20.12.13	15:30	Stopped due to low demand and high frequency
		27.12.13	14:29	27.12.13	18:12	
		07.01.14	21:50	08.01.14	00:30	Due to bursting of PT of SL-1 ckt.machine tripped due to grid disturbance
		08.01.14	10:10	08.01.14	11:12	machine tripped due to battery undervoltage
		12.01.14	00:00	12.01.14	11:15	Stopped due to low demand and high frequency
		16.01.14	06:45	16.01.14	07:10	Machine came on FSNL as 220 KV Ckt I & II from IP to Parpargung tripped
		23.01.14	14:58	26.01.14	18:30	Machine tripped on electrical normal shut down and Rotating diode earth fault alarm on Protection panel.
		26.01.14	18:30	27.01.14	05:50	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	30	01-04-13	0:00	03-04-13	15:50	Stopped due to low demand and high frequency
		17-04-13	10:40	27-04-13	3:15	
		04-05-13	0:02	06-05-13	14:13	
		07-05-13	13:20	07-05-13	15:55	
		11-05-13	19:32	14-05-13	9:58	
		21-05-13	13:10	21-05-13	17:10	
		30-05-13	3:05	05-06-13	11:58	
		06-06-13	17:04	06-06-13	17:15	Machine came on FSNl due to tripping of 160 MVA Tr-I & II at IP Extension end.
		09-06-13	8:09	09-06-13	9:40	Machine came on FSNL due to tripping of 160 MVA Tr-I & II Buchholtz relay operated after that tripped on Lube oil temperature high as the auxiliary supply failed .
		11-06-13	12:45	12-06-13	7:54	Stopped due to low demand and high frequency
		14-06-13	10:20	17-06-13	23:59	
		18-06-13	0:00	19-06-13	21:45	machine not available due to non availability of 66 KV breaker.
		19-06-13	21:45	21-06-13	9:22	Machine not taken on bar due to less schedule from SLDC.
		24-06-13	14:46	24-06-13	15:30	Stopped due to low demand and high frequency
		28-06-13	9:30	28-06-13	22:00	
		28-06-13	22:00	29-06-13	12:10	machine not available due to non availability of AC AOP
		02-07-13	12:44	02-07-13	13:05	Machine came on FSNL due to grid disturbance
		17-07-13	11:30	18-07-13	23:27	Stopped due to low demand and high frequency
		22-07-13	10:32	22-07-13	11:02	Machine came on FSNL due to grid disturbance
		24-07-13	10:10	01.08.13	22:55	Stopped due to low demand and high frequency
		03.08.13	10:56	03.08.13	11:58	Machine came on FSNL due to grid disturbance
		04.08.13	12:50	05.08.13	20:05	Stopped due to low demand and high frequency
		10.08.13	13:32	26.08.13	9:10	
		26.08.13	12:12	26.08.13	13:05	Machine came on FSNL due to grid disturbance
		28.08.13	0:32	28.08.13	3:00	due to leakage in ACW line,GT not available
		28.08.13	3:00	28.08.13	5:12	Stopped due to low demand and high frequency
		08.09.13	12:34	11.09.13	11:56	
		12.09.13	12:45	12.09.13	15:05	
		15.09.13	12:37	15.09.13	20:02	
		17.09.13	21:30	19.09.13	09:27	
		21.09.13	14:48	24.09.13	07:40	
		03.10.13	16:55	06.10.13	10:05	
		11.10.13	08:36	11.10.13	10:30	Machine tripped on high exhaust temperature
		18.11.13	14.05	18.11.13	17.45	Tripped to clean air filter
		16.12.13	10.15	20.12.13	19.56	Stopped due to low demand and high frequency
		04.01.14	00:05	04.01.14	12:55	
		07.01.14	21:50	08.01.14	00:20	Due to bursting of PT of SL-1 ckt.machine tripped due to grid disturbance
		16.01.14	06:45	16.01.14	07:15	Machine came on FSNL as 220 KV Ckt I & II from IP to Parpargung tripped
		16.01.14	07:22	16.01.14	08:24	machine tripped on loss of exciatation.
		23.01.14	06:05	23.01.14	16:00	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	30	28-04-13	9:34	06-05-13	13:25	Stopped due to low demand and high frequency
		13-05-13	16:48	14-05-13	9:27	
		14-05-13	9:47	18-05-13	10:56	
		24-05-13	18:52	25-05-13	9:55	Tripped due to R-communication link failure alarm & master protective alarm appeared.
		06-06-13	17:04	06-06-13	17:48	Machine came on FSNl due to tripping of 160 MVA Tr-I & II at IP Extension end.
		09-06-13	8:09	09-06-13	8:54	Machine came on FSNL due to tripping of 160 MVA Tr-I & II Buchholtz relay operated after that tripped on Lube oil temperature high as the auxiliary supply failed .
		09-06-13	8:54	10-06-13	7:47	Machine not taken on load due to low schedule from SLDC
		17-06-13	12:17	17-06-13	14:00	Machine tripped on Bus under Voltage alarm as 66 KV bus became dead due to tripping of 160 MVA Tx-I & II .
		18-06-13	13:53	18-06-13	15:45	Machine tripped at IGV Control trouble and Fire Protection Alarm.
		02-07-13	12:44	02-07-13	13:08	Machine came on FSNL due to grid disturbance
		06-07-13	10:55	08-07-13	9:15	Stopped due to low demand and high frequency
		08-07-13	11:32	11-07-13	23:00	
		11-07-13	23:00	12-07-13	10:29	Machine could not be synchronised due to Overall diff. opearted problem
		12-07-13	20:42	15-07-13	8:55	Stopped due to low demand and high frequency
		16-07-13	8:29	16-07-13	9:55	Machine tripped on electrical trouble normal shut down (Due to MVR problem)
		17-07-13	3:00	17-07-13	5:00	
		20-07-13	13:33	23-07-13	21:15	Stopped due to low demand and high frequency
		31-07-13	10:40	31-07-13	10:50	Machine came on FSNL due to grid disturbance
		03.08.13	10:56	03.08.13	11:10	Machine came on FSNL due to grid disturbance
		07.08.13	14:45	08.08.13	21:05	Stopped due to low demand and high frequency
		26.07.13	12:12	26.08.13	12:38	Machine came on FSNL due to grid disturbance
		26.08.13	20:00	27.08.13	11:10	Stopped due to low demand and high frequency
		28.08.13	0:25	28.08.13	2:55	due to leakage in ACW line,GT not available
		30.08.13	22:15	04.09.13	15:00	Stopped due to low demand and high frequency
		02.10.13	00:30	03.10.13	15:15	
		05.10.13	21:14	05.10.13	22:05	Machine tripped due to Grid disturbance
		06.10.13	10:08	07.10.13	07:45	Stopped due to low demand and high frequency
		07.10.13	14:03	16.12.13	10.45	
		23.12.13	12.16	01.1.14	09:35	
		04.01.14	13:46	06.01.14	05:21	
		07.01.14	21:50	07.01.14	23:20	Due to bursting of PT of SL-1 ckt.machine tripped due to grid disturbance
		16.01.14	06:45	16.01.14	07:11	Machine came on FSNL as 220 KV Ckt I & II from IP to Parpargung tripped
		20.01.14	11:16	20.01.14	15:22	Stopped due to low demand and high frequency.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
6	30	10-04-13	12:45	10-04-13	16:30	Stopped due to low demand and high frequency
		21-04-13	12:42	22-04-13	10:15	
		28-04-13	9:32	30-04-13	0:40	
		13-05-13	13:00	13-05-13	16:48	Tripped due to heavy jerk observed in control room.
		13-05-13	16:48	14-05-13	10:38	Stopped due to low demand and high frequency
		14-05-13	18:00	21-05-13	11:05	
		29-05-13	10:42	29-05-13	12:30	Oil temp gauge which is mounted on T/F was founded tilted by at least 30 which leads to maloperation of mercury switch and relay 26 TP-I & 26TP-II operated causing the machine tripped on Electrical trouable normal shutdown
		06-06-13	17:04	06-06-13	17:52	Machine came on FSNl due to tripping of 160 MVA Tr-I & II at IP Extension end.
		06-06-13	22:50	07-06-13	12:04	Stopped due to low demand and high frequency
		09-06-13	8:09	09-06-13	8:54	Machine came on FSNL due to tripping of 160 MVA Tr-I & II Buchholtz relay operated after that tripped on Lube oil temperature high as the auxiliary supply failed .
		09-06-13	8:54	10-06-13	7:52	Machine not taken on load due to low schedule from SLDC
		14-06-13	8:50	14-06-13	10:05	Stopped due to low demand and high frequency
		17-06-13	12:17	17-06-13	17:10	Machine tripped on Reverse Power relay operated as 66 KV bus become dead due to tripping of 160 MVA transformer I & II.
		30-06-13	9:07	01-07-13	17:25	Stopped due to low demand and high frequency
		02-07-13	12:44	02-07-13	13:10	Machine came on FSNL due to grid disturbance
		06-07-13	10:50	08-07-13	9:01	Stopped due to low demand and high frequency
		08-07-13	11:37	11-07-13	19:50	
		12-07-13	14:25	15-07-13	6:24	
		20-07-13	13:30	24-07-13	9:25	
		31-07-13	10:40	31-07-13	11:36	Machine came on FSNL due to grid disturbance
		03.08.13	10:56	03.08.13	11:15	Machine came on FSNL due to grid disturbance
		07.08.13	16:30	08.08.13	20:47	Stopped due to low demand and high frequency
		09.08.13	22:15	10.08.13	12:30	
		26.08.13	12:12	26.08.13	12:18	Machine came on FSNL due to grid disturbance
		26.08.13	19:20	27.08.13	11:45	Stopped due to low demand and high frequency
		28.08.13	0:26	28.08.13	0:30	due to leakage in ACW line,GT not available
		28.08.13	0:30	28.08.13	11:45	Stopped due to low demand and high frequency
		28.08.13	11:45	28.08.13	14:00	Machine not avalable due to Gas Valve leakage
		28.08.13	14:00	04.09.13	15:15	Stopped due to low demand and high frequency
		17.09.13	21:31	19.09.13	09:30	
		05.10.13	21:14	05.10.13	23:02	Machine tripped due to Grid disturbance
		06.10.13	05:20	08.10.13	07:49	Stopped due to low demand and high frequency
		07.10.13	13:03	31.10.13	23:59	
		1.11.13	00:00	2.11.13	08:32	
		2.11.13	12:55	2.11.13	16:35	
		2.11.13	18:45	16.12.13	07.55	
		23.12.13	12.17	01.01.14	10:15	
		04.01.14	00:05	06.01.14	05:21	
		07.01.14	21:50	08.01.14	01:40	Due to bursting of PT of SL-1 ckt.machine tripped due to grid disturbance
		16.01.14	06:45	16.01.14	07:17	Machine came on FSNL as 220 KV Ckt I & II from IP to Parpargung tripped
		16.01.14	07:25	16.01.14	08:25	machine tripped on loss of exciatation.
		31.01.14	20:30	31.01.14	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-1	30	01-04-13	0:00	01-04-13	9:15	Stopped due to low demand and high frequency
		01-04-13	9:30	01-04-13	11:10	Machine stopped due to inspection of high Vibration
		03-04-13	16:30	09-04-13	8:25	Stopped due to low demand and high frequency
		29-04-13	11:31	30-04-13	2:05	
		07-05-13	16:30	13-05-13	19:15	
		18-05-13	13:25	22-05-13	0:10	
		30-05-13	21:45	18-06-13	23:54	
		28-06-13	10:52	28-06-13	22:00	
		28-06-13	22:00	29-06-13	17:00	Machine not available due to Non availability of GTs
		29-06-13	17:00	01-07-13	21:00	Stopped due to low demand and high frequency
		01-07-13	21:00	01-07-13	23:59	Machine not available due to problem in both BFPs.
		02-07-13	0:00	02-07-13	17:45	Stopped due to low demand and high frequency
		02-07-13	17:45	03-07-13	11:45	Macine not available due to non availability of GTs.
		03-07-13	13:15	08-07-13	10:15	Stopped due to low demand and high frequency
		12-07-13	11:50	15-07-13	13:00	
		17-07-13	11:25	18-07-13	23:15	
		20-07-13	12:10	27-07-13	21:30	
		27-07-13	21:30	28-07-13	0:12	
		28-07-13	0:12	28-07-13	1:55	
		29-07-13	13:55	29-07-13	16:00	Tripped due to tripping of GT#1
		31-07-13	10:40	31-07-13	13:55	Machine tripped due to grid disturbance
		31-07-13	17:30	02.08.13	13:15	Stopped due to low demand and high frequency
		02.08.13	13:15	02.08.13	18:15	Due to oil leakage from Turbine side machine taken under shut down by M-II
		02.08.13	18:15	04.08.13	12:45	Stopped due to low demand and high frequency
		06.08.13	15:29	08.08.13	22:40	
		09.08.13	1:20	25.08.13	23:59	
		28.08.13	0:30	28.08.13	3:00	Machine not available due to Non availability of GT#1 and 2
		28.08.13	3:00	28.08.13	11:45	Stopped due to low demand and high frequency
		28.08.13	11:45	28.08.13	14:10	due to leakage in ACW line,GT# 1 and 2 not available
		28.08.13	14:00	05.09.13	15:45	Stopped due to low demand and high frequency
		06.09.13	02:13	12.09.13	22:30	
		13.09.13	18:18	07.10.13	17:10	
		10.10.13	12:12	10.10.13	13:48	machine stopped to carry out C&I work
		11.10.13	09:37	14.10.13	13:58	Stopped due to low demand and high frequency
		14.10.13	21:50	16.10.13	16:58	Machine not available due to PROBLEM IN CONTROL VALVE
		23.10.13	23:15	31.01.14	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**	01.04.13	0:00	01.04.13	11:25	Stopped due to low demand and high frequency
		16.04.13	10:40	22.04.13	11:45	
		23.04.13	12:14	23.04.13	13:09	Machine tripped due to malfunctioning of MS-14 Valve
		27.04.13	5:30	27.04.13	6:15	Machine tripped in the jerk.
		28.04.13	21:46	29.04.13	11:30	Stopped due to low demand and high frequency
		04.05.13	0:02	06.05.13	17:05	
		11.05.13	19:30	14.05.13	13:57	
		19.05.13	1:25	19.05.13	3:05	Machine Tripped on Exhaust pressure high.
		05.06.13	1:01	05.06.13	2:21	Tripped due to sudden drop in vaccum without appearing alarm in annunciation pannel.
		06.06.13	17:04	06.06.13	18:55	Machine tripped as the GT#3 & 4 came on FSNL due to tripping of 160 MVA Tx-I & II at IP Extn end.
		09.06.13	8:09	09.06.13	11:52	Machine tripped as corresponding GT came on FSNL due to tripping of 160 MVA Tr-I & II on Buchholtz relay operated .
		10.06.13	11:42	10.06.13	12:50	Machine stopped to attend
		11.06.13	12:45	12.06.13	10:35	Stopped due to low demand and high frequency
		14.06.13	8:45	17.06.13	23:45	
		23.06.13	21:35	23.06.13	23:20	Machine tripped on LLVT tank v. High Alarm
		28.06.13	9:40	28.06.13	23:15	Stopped due to low demand and high frequency
		02.07.13	12:44	02.07.13	14:25	Machine tripped due to grid disturbance.
		17.07.13	11:35	18.07.13	23:20	Stopped due to low demand and high frequency
		22.07.13	9:35	22.07.13	12:40	Machine tripped due to grid disturbance.
		27.07.13	11:07	27.07.13	23:15	Stopped due to low demand and high frequency
		28.07.13	20:07	31.07.13	3:00	
		31.07.13	10:40	31.07.13	17:24	Machine tripped due to grid disturbance.
		03.08.13	10:56	03.08.13	13:07	machine tripped due to Grid disturbance
		04.08.13	12:50	05.08.13	21:35	Stopped due to low demand and high frequency
		10.08.13	13:32	26.08.13	18:39	
		28.08.13	0:32	28.08.13	3:00	Machine not available due to Non availability of GT#3 and 4
		28.08.13	3:00	28.08.13	4:45	Stopped due to low demand and high frequency
		08.09.13	12:37	11.09.13	14:15	
		13.09.13	09:15	13.09.13	11:13	
		21.09.13	14:48	24.09.13	10:20	
		03.10.13	16:55	06.10.13	09:34	
		16.12.13	10.15	20.12.13	21.05	
		07.01.14	21:50	08.01.14	03:55	Due to bursting of PT of SL-1 ckt.machine tripped due to grid disturbance
		16.01.14	06:45	16.01.14	08:58	Machine Tripped as both GT 3 & 4 came on FSNL due to Grid disturbance
		23.01.14	14:58	23.01.14	17:40	machine tripped due to tripping of GT# 3.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-3	30	05-04-13	17:05	05-04-13	18:20	Machine stopped mannualy to attend oil Leakage from Secondary oil Pressure line
		28-04-13	9:34	30-04-13	4:25	Stopped due to low demand and high frequency
		03-05-13	17:41	03-05-13	19:04	Machine stopped due to problem in drum level indication and level problem.
		13-05-13	13:00	13-05-13	16:48	Tripped due to heavy jerk observed in control room.
		13-05-13	16:48	14-05-13	13:50	Stopped due to low demand and high frequency
		14-05-13	18:00	18-05-13	13:05	
		03-06-13	9:22	03-06-13	10:07	Machine tripped on Hot well very high alarm as the Control valve CD-34 left the auto and closed. Another Stream CD-37 tried to be taken into service, in the mean time machine tripped on hot well high alarm.
		06-06-13	17:04	06-06-13	18:30	Machine tripped as the GT#5 & 6 came on FSNL due to tripping of 160 MVA Tx-I & II at IP Extn end.
		09-06-13	8:09	09-06-13	8:54	Machine tripped as corresponding GT came on FSNL due to tripping of 160 MVA Tr-I & II on Buchholtz relay operated .
		09-06-13	8:54	10-06-13	10:14	Machine not taken on load due to low schedule from SLDC
		15-06-13	1:58	15-06-13	2:58	Tripped due to LLVT tank level high.
		17-06-13	12:17	17-06-13	15:12	Machine tripped due to both GTs tripped due to Tripping of 160 MVA Tx.
		02-07-13	12:44	02-07-13	14:35	Machine tripped due to grid disturbance.
		06-07-13	10:55	08-07-13	10:15	Stopped due to low demand and high frequency
		08-07-13	10:15	11-07-13	23:07	Machine stopped to attend oil leakage from Oil catcher.
		12-07-13	20:42	15-07-13	8:40	Stopped due to low demand and high frequency
		20-07-13	12:37	20-07-13	13:33	Machine tripped manually due to stucking of MS-14 valve and not opearting of MS-11 and MS-13 valve.
		20-07-13	13:33	24-07-13	2:05	Stopped due to low demand and high frequency
		31-07-13	10:40	31-07-13	12:27	Machine tripped due to grid disturbance.
		03.08.13	10:56	03.08.13	12:02	Machine tripped due to Grid disturbance
		07.08.13	16:32	09.08.13	1:12	Stopped due to low demand and high frequency
		17.08.13	11:48	17.08.13	12:45	All the parameters of Turbovisiory and Electronic governor disappeared resulting tripping of steam turbine.
		26.08.13	12:12	26.08.13	13:57	Machine tripped due to Grid disturbance
		26.08.13	18:24	27.08.13	13:48	Stopped due to low demand and high frequency
		28.08.13	0:30	28.08.13	3:00	Machine not available due to Non availability of GT#5 and 6
		28.08.13	3:00	28.08.13	6:30	Stopped due to low demand and high frequency
		30.08.13	22:18	04.09.13	18:00	
		05.10.13	21:14	07.10.13	12:00	Machine tripped due to Grid disturbance and not taken on load due to less demand
		07.10.13	12:00	02.11.13	23:59	Machine not available due to problem in control valve
		02.11.13	18.50	16.12.13	10.59	Stopped due to low demand and high frequency
		23.12.13	12.17	01.01.14	12:30	
		04.01.14	13:50	06.01.14	07:55	Machine stopped as per SLDC message
		07.01.14	21:50	08.01.14	01:58	Due to bursting of PT of SL-1 ckt.machine tripped due to grid disturbance
		12.01.14	13:29	12.01.14	14:24	Machine tripped on False alarm appeared on BCS desk, i.e. Emergency push button Operated.All parameters were normal
		16.01.14	06:45	16.01.14	09:17	Machine Tripped as both GT 3 & 4 came on FSNL due to Grid disturbance
		21.01.14	20:30	21.01.14	21:43	Failure of Communication Module 70BK02 for CII02 Station
		21.01.14	21:53	21.01.14	22:21	Class 'A" (Relay 86GA1& timer for 3242A)

(C) PRAGATI STATION

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	23.05.13	14.29	23.05.13	14.56	Tripped due to Gas Fuel Pr. Low by GAIL
		15.06.13	21.55	17.06.13	9.00	No schedule to run GT#1 on Open Cycle.
		17.06.13	9.00	24.06.13	0.26	Tripped on internal fualt
		25.06.13	22.00	26.06.13	2.00	
		26.06.13	2.00	26.06.13	13.42	No schedule of GT#1 in OC due to low demand, HRSG#1 not available-FW104 stuck
		09.07.13	19.03	09.07.13	19.50	Tripped on internal fualt
		22.07.13	10.43	22.07.13	12.26	Tripped due to Grid Distrubance
		23.07.13	16.28	23.07.13	19.29	Tripped on internal fualt
		03.09.13	13.10	03.09.13	14.14	
		28.09.13	06.01	29.09.13	16.30	Stopped to attend generation winding temprature.
		14.10.13	12.22	14.10.13	12.49	Tripped on internal fualt
		17.10.13	12.39	17.10.13	13.47	
		16.12.13	09.59	16.12.13	19:37	Stopped to replace Air Filters of G.T. #1
		06.01.14	07.26	06.01.14	10.20	Tripped due to 125V DC earth fault
		16.01.14	08.28	16.01.14	10.56	Tripped due to grid disturbance

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	104	21.04.13	8.15	21.04.13	18.15	Stopped by DTL to attend hot spot.
		21.04.13	18.15	23.04.13	6.31	Tripped on internal fualt
		26.04.13	6.45	26.04.13	8.37	
		14.05.13	13.28	14.05.13	14.13	
		06.06.13	17.10	06.06.13	18.05	Tripped due to Grid Distrubance
		01.07.13	16.02	01.07.13	17.40	Tripped on internal fualt
		02.07.13	12.54	02.07.13	13.55	Tripped due to Grid Distrubance
		08.07.13	11.37	08.07.13	12.48	Tripped on internal fualt
		22.07.13	10.43	22.07.13	11.52	Tripped due to Grid Distrubance
		03.08.13	10.57	03.08.13	11.08	Tripped due to Grid Distrubance
		15.08.13	10.48	16.08.13	16.31	Stopped due to low demand and high frequency
		26.08.13	12.15	26.08.13	12.26	Tripped due to Grid Distrubance
		28.08.13	6.07	29.08.13	8.53	Stopped due to low demand and high frequency
		29.08.13	20.40	29.08.13	22.30	Tripped on internal fualt
		24.09.13	02.34	24.09.13	09.44	Tripped due to grid disturbance
		05.10.13	21.17	05.10.13	22.05	
		15.10.13	13.06	19.10.13	12.19	Tripped on internal fualt
		17.12.13	0248	17.12.13	18.13	Stopped to replace Air Filters of G.T. #1
		06.01.14	07.13	10.01.14	12.10	G.T.-#2 unloaded and tripped due to fire in load compartment
		16.01.14	06.56	16.01.14	07.18	Tripped ;due to grid disturbance
		17.01.14	21.58	21.01.14	12.52	Stopped for insptection of exhaust compartment by BGGTSs engineers

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	122	17.04.13	18.37	17.04.13	19.52	Tripped on internal fualt
		21.04.13	11.44	21.04.13	14.15	
		21.04.13	14.15	21.04.13	18.36	Shut down contineued by DTL to attend hot spot.
		06.06.13	17.10	06.06.13	18.50	Tripped due to Grid Distrubance
		02.07.13	12.54	02.07.13	15.02	
		09.07.13	19.03	09.07.13	20.15	Tripped on internal fualt
		22.07.13	10.43	22.07.13	15.53	Tripped due to Grid Distrubance
		23.07.13	16.28	23.07.13	17.42	Tripped on internal fualt
		03.08.13	10.57	03.08.13	11.47	Tripped due to Grid Distrubance
		26.08.13	12.15	26.08.13	13.35	Tripped due to Grid Distrubance
		29.08.13	20.45	29.08.13	22.52	Tripped on internal fualt
		03.09.13	13.18	03.09.13	14.25	
		10.09.13	00.34	10.09.13	01.32	
		05.10.13	21.17	05.10.13	23.30	Tripped due to Grid Distrubance
		07.10.13	18.55	10.10.13	09.03	Tripped on internal fualt
		17.10.13	12.39	17.10.13	14.31	
		'06.01.14	07.26	06.01.14	14.44	Tripped due to both GTs tripped
		16.01.14	06.42	16.01.14	09.07	Tripped due to grid disturbance

(D) BADARPUR THERMAL POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	95	01.04.13	0:00	01.04.13	19:18	Stopped due to low demand and high frequency
		12.05.13	18:18	12.05.13	21:20	Grid Disturbance
		04.06.13	22:45	05.06.13	23:45	Water Wall tube leakage
		13.06.13	10:58	13.06.13	11:32	Furnace Disturbance
		16.06.13	18:38	21.06.13	14:14	Stopped due to low demand and high frequency
		09.07.13	20:41	15.07.13	2400	
		19.07.13	3:28	20.07.13	18:14	
		26.07.13	14:36	29.07.13	16:00	
		10.08.13	15:12	10.08.13	16:00	Furnace Disturbance
		10.08.13	17:11	10.08.13	23:15	
		10.08.13	23:15	14.09.13	21.06	Stopped due to low demand and high frequency
		17.09.13	03:13	17.09.13	04:06	Furnace Disturbance
		22.09.13	14:00	22.09.13	15:08	
		22.09.13	23:52	23.09.13	01:00	
		23.09.13	01:00	23.09.13	21:00	Platen Superheater leakage
		23.09.13	21:00	22.10.13	12.54	Stopped due to low demand and high frequency
		09.11.13	22:34	25.11.13	02:15	
		28.11.13	23:57	12.12.13	11.00	
		20.12.13	00:00	01.01.14	08.55	
		11.01.14	14.38	11.01.14	16.42	Tripped on DC earth fault
		11.01.14	16.42	13.01.14	05.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	95	12.05.13	18:18	12.05.13	20:07	Grid Disturbance
		28.06.13	10:32	28.07.13	9:56	
		08.08.13	11:01	10.08.13	22:09	Stopped due to low demand and high frequency
		23.08.13	13:14	23.08.13	14:15	Furnace Disturbance
		21.09.13	19:57	23.09.13	19:49	Stopped due to low demand and high frequency
		02.10.13	07:50	02.10.13	08:40	
		02.10.13	09:21	02.10.13	10:01	Furnace Disturbance
		02.10.13	11:07	04.10.13	00:12	Superheater leakage
		04.11.13	19:52	24.11.13	20:50	Stopped due to low demand and high frequency
		28.11.13	09:16	28.11.13	14:23	GT Overall Differential
		05.12.13	17.49	20.12.13	17.17	
		01.01.14	08.35	10.01.14	20.53	
		21.01.14	22.10	27.01.14	08.55	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	95	03.04.13	19:55	22.04.13	13:40	Planned Shutdown
		12.05.13	18:18	12.05.13	20:20	Grid Disturbance
		26.05.13	12:41	27.05.13	12:58	Economiser Tube leakage
		13.06.13	10:40	18.06.13	12:04	Stopped due to low demand and high frequency
		04.07.13	5:45	04.07.13	7:06	Furnace Disturbance
		18.07.13	11:39	19.07.13	2:48	Stopped due to low demand and high frequency
		01.08.13	21:28	02.08.13	13:43	Water Wall tube leakage
		03.08.13	3:45	03.08.13	6:14	
		03.08.13	17:10	03.08.13	18:02	
		06.08.13	11:15	06.08.13	11:56	Furnace Disturbance
		07.08.13	11:40	15.09.13	07.21	Stopped due to low demand and high frequency
		19.09.13	05:19	19.09.13	06:50	
		19.09.13	21:01	19.09.13	21:42	
		28.09.13	10:05	28.09.13	19:22	Furnace Disturbance
		02.10.13	00:08	03.10.13	05:28	Stopped due to low demand and high frequency
		08.10.13	19:16	08.10.13	20:32	Furnace Disturbance
		09.10.13	22:20	10.10.13	00:49	HT motor problem- feed pump drive
		11.10.13	17:15	16.10.13	18:40	Stopped due to low demand and high frequency
		22.10.13	14:04	22.10.13	14:42	
		31.10.13	21:22	31.10.13	22:03	Furnace Disturbance
		10.11.13	10:13	10.11.13	11:22	Furnace Disturbance
		18.11.13	05:40	18.11.13	06:35	Furnace Disturbance
		18.11.13	18:38	18.11.13	19:48	Furnace Disturbance
		21.11.13	06:39	21.11.13	07:21	Furnace Disturbance
		22.11.13	00:05	20.01.14	04.17	
		25.01.14	23.03	31.01.14	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	210	09.04.13	22:17	10.04.13	2:07	MDBFP relay malfunction
		12.05.13	18:18	12.05.13	21:35	Grid Disturbance
		25.05.13	7:28	23.05.13	15:34	UAT 4A diff relay casing shorted
		11.06.13	15:35	13.06.13	07:48	Stopped due to low demand and high frequency
		10.08.13	10:24	10.08.13	13:40	AVR & Excitation system
		14.09.13	04:34	15.09.13	23:01	Water Wall tube leakage
		25.11.13	03:58	28.11.13	11:07	ID Fan 4B impeller shaft replaced
		11.12.13	23.24	17.12.13	23.16	Boiler tube leakage

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	210	09.05.13	0:06	09.05.13	15:57	APH 5B NDE Bearing vibration high
		11.05.13	19:48	14.05.13	12:17	Stopped due to low demand and high frequency
		16.06.13	15:58	16.06.13	17:09	CW Shortage
		24.06.13	16:23	24.06.13	17:45	Furnace Disturbance
		24.06.13	18:04	24.06.13	19:03	
		27.06.13	14:20	27.06.13	18:31	AVR & Excitation System
		04.07.13	0:12	04.07.13	1:15	Furnace Disturbance
		27.07.13	19:16	30.07.13	1:24	Steam Cooled W/Wall leakage
		01.08.13	20:43	02.08.13	18:30	Drum manhole leakage
		14.08.13	19:00	15.08.13	10:15	Water Wall tube leakage
		15.08.13	10:15	16.08.13	7:13	Stopped due to low demand and high frequency
		04.09.13	13:23	06.09.13	09:11	Water Wall tube leakage
		06.09.13	13:39	07.09.13	21:32	Economiser Tube leakage
		04.10.13	14:37	05.10.13	17:55	Stopped due to low demand and high frequency
		07.10.13	03:48	08.10.13	23:48	3.3/6.6/11KV Bus breaker problem
		23.10.13	00:50	20.11.13	18:42	Planned shutdown
		21.11.13	08:00	21.11.13	19:35	Shutdown of main GT Transformer
		07.12.13	14.50	07.12.13	18.47	To attend hot spot at bushing clamp
		08.12.13	14.39	08.12.13	17.38	To attend hot spot
		13.01.14	12.30	13.01.14	19.51	Generator transformer Y phase busing temp. high
		28.01.14	12.06	30.01.14	15.05	Boiler tube leakage

(E) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	01.04.13	00:00	01.04.13	8:39	Combustion inspection
		05.04.13	10:55	21.04.13	23.59	M/C under planned shut down due to CW interconnection/CW sump cleaning/Diverter Damper setting
		19.06.13	00.26	19.06.13	02.42	G.T. -1 tripped due to Hot gas temp high.
		20.06.13	20.42	05.08.13	09.10	Stopped due to low demand and high frequency
		19.08.13	14.27	26.08.13	11.54	Stopped due to low demand and high frequency
		25.09.13	12.05	31.01.14	23:59	

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	216	05.04.13	13:13	12.04.13	19.02	M/C under planned shut down due to CW interconnection/CW sump cleaning/Diverter Damper setting up to 12.04.13
		14.04.13	13.40	25.04.13	08.57	Stopped due to low demand and high frequency
		29.04.13	22.25	30.04.13	06.25	M/C Stopped due to gas leakage in pipe line
		07.05.13	20:38	08.05.13	0:26	CW Pump Motor Failure
		29.05.13	13:57	29.05.13	15:30	GT#2 tripped on EPB press by default
		03.06.13	10:54	03.06.13	13:53	GT #2 tripped due to its rotor earth fault
		06.06.13	22.50	10.06.13	12.38	Stopped due to low demand and high frequency
		13.06.13	08.14	20.06.13	18.33	Stopped due to low demand and high frequency
		21.06.13	08:21	21.06.13	12:54	GT #2 tripped due to difference in G-1 feedback
		30.06.13	14:16	30.06.13	14:58	GT#2 Tripped on Excitation tripping
		12.07.13	15.00	03.10.13	13.22	Stopped due to low demand and high frequency
		03.10.13	16.07	07.10.13	14.48	
		10.10.13	15.56	10.10.13	17.10	Tripped due to isolation of LPC 02
		11.10.13	10.40	31.01.14	23:59	

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	216	28.10.13	00.00	31.01.14	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	
STG	254	01.04.13	0:00	27.04.13	19.19	M/C under planned shut down due to CW interconnection/CW sump cleaning/Diverter Damper setting up to 12.04.13 after force shutdown due to bearing failure of turbine up to 25.04.13 and 25.04.13 to 27.04.13 due to generator IR value low
		29.04.13	22:25	30.04.13	6:25	M/C Stopped due to gas leakage in pipe line
		30.04.13	22:07	30.04.13	23:37	GT#2 Diverted damper is closed
		07.05.13	20:35	08.05.13	3:12	CW Pump A Motor Failure
		08.05.13	11:57	08.05.13	13:19	CW Pump B Motor winding temperature increased up to threshold limit
		29.05.13	13:57	29.05.13	16:50	STG trip on GT trip
		03.06.13	10:54	03.06.13	15:57	
		06.06.13	22.50	10.06.13	17.50	Stopped due to low demand and high frequency
		13.06.13	08.16	19.06.13	09.10	
		21.06.13	08:21	21.06.13	13:00	STG trip on GT trip
		27.06.13	18:01	27.06.13	18:42	GT#2 Diverted damper is closed
		29.06.13	17:31	29.06.13	18:29	CW Pump B Discharge valve closed
		30.06.13	14:16	30.06.13	15:34	STG trip on GT trip
		12.07.13	15.00	05.08.13	11.58	Stopped due to low demand and high frequency
		19.08.13	14.29	26.08.13	17.41	
		31.08.13	12.52	31.08.13	14.12	STG tripped on internal fault
		25.09.13	12.00	07.10.13	20.20	Stopped due to low demand and high frequency
		10.10.13	15.56	10.10.13	18.06	Tripped due to tripping of GT-2
		11.10.13	10.50	31.01.14	23:59	

(E) RITHALA POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	31.8	19.03.13	17:32	31.01.14	23:59	No schedule have been given by SLDC on Spot gas

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	31.8	05.03.13	15:38	07.06.13	12:05	No schedule have been given by SLDC on Spot gas Gas turbine taken on spot)
		07.06.13	22:41	31.01.14	23:59	No schedule have been given by SLDC on Spot gas

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	31.8	27.02.13	00:01	07.06.13	17:40	No schedule have been given by SLDC on Spot gas
		07.06.13	22:38	31.01.14	23:59	No schedule have been given by SLDC on Spot gas

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. 19.01.2013

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	500	75	66	57	0	0	57
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	**9282**	**1227**	**2240**	**1959**	**0**	**0**	**1959**
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 HEP	480	0	53	50	0	0	50
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
TOTAL	**3305**	**206**	**380**	**361**	**0**	**0**	**361**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP(B)	440	66	0	0	0	0	0
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**1320**	**194**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	123	0	0	123
THDC							
Tehri Hydro	1000	99	103	89	0	0	89
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**127**	**0**	**0**	**127**
Total	**16807**	**1915**	**3007**	**2660**	**0**	**0**	**2660**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Mejia TPS Unit-6	250	0	29	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**6210**	**153**	**290**	**242**	**0**	**0**	**242**
Joint Venture							
Jhajjar TPS	1000	76	231	201	0	0	201
Grand Total	**24017**	**2144**	**3528**	**3102**	**0**	**0**	**3102**

B) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 01.08.2013

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	500	75	66	57	0	0	57
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	**9282**	**1227**	**2240**	**1959**	**0**	**0**	**1959**
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 HEP	480	0	53	50	0	0	50
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
TOTAL	**3305**	**206**	**380**	**361**	**0**	**0**	**361**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP(B)	440	66	0	0	0	0	0
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**1320**	**194**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	123	0	0	123
THDC							
Tehri Hydro	1000	99	103	89	0	0	89
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**127**	**0**	**0**	**127**
Total	**16807**	**1915**	**3007**	**2660**	**0**	**0**	**2660**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Mejia TPS Unit-6	250	0	29	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**6210**	**153**	**290**	**242**	**0**	**0**	**242**
Joint Venture							
Jhajjar TPS	1500	114	377	327	0	0	327
Grand Total	**24517**	**2182**	**3674**	**3229**	**0**	**0**	**3229**

C) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 11.10.2013

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	500	75	66	57	0	0	57
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	**9282**	**1227**	**2240**	**1959**	**0**	**0**	**1959**
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 HEP-I	480	0	53	50	0	0	50
URI HEP-II	120	18	16	15	0	0	15
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
TOTAL	**3425**	**224**	**396**	**377**	**0**	**0**	**377**
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	**16487**	**1867**	**3023**	**2695**	**0**	**0**	**2695**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**4960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	377	327	0	0	327
Grand Total	**22947**	**2134**	**3661**	**3240**	**0**	**0**	**3240**

D) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 19.11.2013

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	500	75	66	57	0	0	57
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	**9282**	**1227**	**2240**	**1959**	**0**	**0**	**1959**
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 HEP	480	0	53	50	0	0	50
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
TOTAL	**3305**	**206**	**380**	**361**	**0**	**0**	**361**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP(B)	440	66	0	0	0	0	0
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**1320**	**194**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	123	0	0	123
THDC							
Tehri Hydro	1000	99	103	89	0	0	89
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**127**	**0**	**0**	**127**
Total	**16807**	**1915**	**3007**	**2660**	**0**	**0**	**2660**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Mejia TPS Unit-6	250	0	29	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**6210**	**153**	**290**	**242**	**0**	**0**	**242**
Joint Venture							
Jhajjar TPS	1500	114	377	327	0	0	327
Grand Total	**24517**	**2182**	**3674**	**3229**	**0**	**0**	**3229**

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. 01.04.2011.

(Allocation In %)

(A) 10.00hrs. to 17.00hrs.

SOURCES	LICENSEES					
	NDMC	MES	NDPL	BRPL	BYPL	TOTAL
1. Central Sector without Dadri (Th)	0.00	0.00	29.18	43.58	27.24	100.00
2. Dadri (Th)	14.98	0.00	24.18	36.87	23.97	100.00
3. BTPS	15.94	7.09	21.88	33.37	21.72	100.00
4. RPH	0.85	0.00	28.39	42.97	27.79	100.00
5. GT	0.93	0.00	28.28	42.99	27.80	100.00
6. Pragati	26.69	0.00	20.77	31.76	20.7	100.00
7. DVC	0.00	0.00	29.18	43.58	27.24	100.00
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)	0.00	0.00	29.18	43.58	27.24	100.00
2. Dadri (Th)	14.05	0.00	24.18	3687	24.90	100.00
3. BTPS	15.07	7.09	21.88	33.37	22.59	100.00
4. RPH	0.00	0.00	28.390	42.97	28.64	100.00
5. GT	0.00	0.00	28.28	42.99	28.73	100.00
6. Pragati	25.76	0.00	20.77	31.76	21.71	100.00
7. DVC	0.00	0.00	29.18	43.58	27.24	100.00
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%)

B) 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 JANUARY 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	10.41.51	0	141	321	0	-1	0	442	903	2950	2759	191	3853	2	3855
2	10.02.12	0	165	328	0	-3	7	443	940	2859	2836	23	3799	2	3801
3	10.23.10	0	165	322	0	-2	0	465	950	3034	2862	172	3984	3	3987
4	10.01.36	0	80	323	0	-1	6	475	883	2789	2750	39	3672	2	3674
5	10.45.36	0	80	318	0	-1	4	467	868	2743	2664	79	3611	0	3611
6	10.59.35	0	165	109	0	-1	8	460	741	3044	2795	249	3785	2	3787
7	10.07.25	0	166	158	0	-2	8	469	799	3137	2888	249	3936	0	3936
8	09.46.35	0	165	159	0	-2	2	471	795	3103	3067	36	3898	155	4053
9	10.14.39	0	166	159	0	-2	2	477	802	3053	2830	223	3855	62	3917
10	09.33.22	0	167	160	0	-1	2	465	793	3005	2728	277	3798	196	3994
11	10.06.24	0	165	328	0	-2	4	527	1022	2825	2943	-118	3847	0	3847
12	11.11.50	0	122	320	0	-1	0	455	896	3100	2895	205	3996	0	3996
13	10.01.00	0	165	323	0	-3	0	493	978	2841	2897	-56	3819	0	3819
14	09.43.02	0	161	325	0	-1	0	561	1046	2718	2758	-40	3764	0	3764
15	09.57.28	0	163	326	0	-1	7	555	1050	2799	2820	-21	3849	0	3849
16	10.08.35	0	164	157	0	-1	5	540	865	2972	2873	99	3837	0	3837
17	10.31.16	0	162	322	0	-1	10	561	1054	2946	2843	103	4000	0	4000
18	10.06.00	0	162	156	0	-2	14	551	881	2715	2732	-17	3596	0	3596
19	10.30.00	0	164	155	0	-4	15	535	865	2902	2578	324	3767	36	3803
20	10.00.00	0	163	158	0	-2	15	616	950	2847	2918	-71	3797	0	3797
21	09.31.13	0	162	157	0	-2	15	602	934	2839	2859	-20	3773	0	3773
22	10.02.00	0	162	322	0	-3	15	550	1046	2820	2712	108	3866	0	3866
23	10.02.16	0	123	323	0	-2	15	489	948	2800	2815	-15	3748	0	3748
24	09.49.12	0	121	325	0	-2	14	546	1004	2896	2718	178	3900	0	3900
25	10.21.47	0	123	326	0	-2	2	547	996	2817	2673	144	3813	0	3813
26	09.48.39	0	122	328	0	-1	7	463	919	2382	2282	100	3301	0	3301
27	09.51.36	0	161	318	0	-2	4	501	982	2622	2558	64	3604	0	3604
28	09.45.57	0	161	318	0	-2	12	540	1029	2584	2581	3	3613	0	3613
29	09.45.46	0	162	320	0	-1	11	357	849	2693	2621	72	3542	0	3542
30	09.42.13	0	165	324	0	-1	7	350	845	2665	2607	58	3510	0	3510
31	10.25.49	0	163	320	0	-3	2	542	1024	2790	2601	189	3814	0	3814

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING JANUARY 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	10.41.51	0	141	321	0	-1	0	442	903	2950	2759	191	3853	2	3855
2	10.02.12	0	165	328	0	-3	7	443	940	2859	2836	23	3799	2	3801
3	10.23.10	0	165	322	0	-2	0	465	950	3034	2862	172	3984	3	3987
4	10.01.36	0	80	323	0	-1	6	475	883	2789	2750	39	3672	2	3674
5	10.45.36	0	80	318	0	-1	4	467	868	2743	2664	79	3611	0	3611
6	10.00.00	0	165	-5	0	-1	9	467	635	2989	2836	153	3624	211	3835
7	10.07.25	0	166	158	0	-2	8	469	799	3137	2888	249	3936	0	3936
8	09.46.35	0	165	159	0	-2	2	471	795	3103	3067	36	3898	155	4053
9	10.14.39	0	166	159	0	-2	2	477	802	3053	2830	223	3855	62	3917
10	10.30.00	0	166	159	0	-2	2	466	791	2929	2660	269	3720	359	4079
11	10.06.24	0	165	328	0	-2	4	527	1022	2825	2943	-118	3847	0	3847
12	11.11.50	0	122	320	0	-1	0	455	896	3100	2895	205	3996	0	3996
13	10.01.00	0	165	323	0	-3	0	493	978	2841	2897	-56	3819	0	3819
14	09.43.02	0	161	325	0	-1	0	561	1046	2718	2758	-40	3764	0	3764
15	09.57.28	0	163	326	0	-1	7	555	1050	2799	2820	-21	3849	0	3849
16	10.08.35	0	164	157	0	-1	5	540	865	2972	2873	99	3837	0	3837
17	10.31.16	0	162	322	0	-1	10	561	1054	2946	2843	103	4000	0	4000
18	10.06.00	0	162	156	0	-2	14	551	881	2715	2732	-17	3596	0	3596
19	10.30.00	0	164	155	0	-4	15	535	865	2902	2578	324	3767	36	3803
20	10.00.00	0	163	158	0	-2	15	616	950	2847	2918	-71	3797	0	3797
21	09.31.13	0	162	157	0	-2	15	602	934	2839	2859	-20	3773	0	3773
22	10.02.00	0	162	322	0	-3	15	550	1046	2820	2712	108	3866	0	3866
23	10.02.16	0	123	323	0	-2	15	489	948	2800	2815	-15	3748	0	3748
24	09.49.12	0	121	325	0	-2	14	546	1004	2896	2718	178	3900	0	3900
25	10.21.47	0	123	326	0	-2	2	547	996	2817	2673	144	3813	0	3813
26	09.48.39	0	122	328	0	-1	7	463	919	2382	2282	100	3301	0	3301
27	09.51.36	0	161	318	0	-2	4	501	982	2622	2558	64	3604	0	3604
28	09.45.57	0	161	318	0	-2	12	540	1029	2584	2581	3	3613	0	3613
29	09.45.46	0	162	320	0	-1	11	357	849	2693	2621	72	3542	0	3542
30	09.42.13	0	165	324	0	-1	7	350	845	2665	2607	58	3510	0	3510
31	10.25.49	0	163	320	0	-3	2	542	1024	2790	2601	189	3814	0	3814

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

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

A (i) RPH	0.000
(ii) GT+STG	110.248
(iii) PRAGATI	202.755
(iv) RITHALA	0.000
(v) BAWANA CCGT	0.000
(vi) Timarpur – Okhla	6.332
TOTAL	319.335
B) AVAILABILITY FROM BTPS	349.556
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	11.048
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**657.843**

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	1.014	0.966	1.014	0.966
SALAL	10.129	9.617	10.129	9.617
SASAN	41.227	39.099	40.928	38.814
TANKAPUR	0.417	0.392	0.417	0.392
CHAMERA	4.045	3.840	4.045	3.840
CHAMERA -II	4.577	4.346	4.577	4.346
CHAMERA -III	1.464	1.385	1.464	1.385
DHAULIGANGA	0.000	0.000	0.000	0.000
SEWA -2	2.669	2.535	2.669	2.535
URI	8.672	8.237	8.672	8.237
URI-II	6.480	6.153	6.480	6.153
KOTESHWAR	8.767	8.320	8.767	8.320
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	25.864	24.550	23.275	22.096
ANTA (RLNG)	5.798	5.502	0.000	0.000
ANTA (LIQUID)	0.321	0.306	0.000	0.000
DADRI (GAS)	34.496	32.718	26.677	25.305
DADRI (RLNG)	32.700	31.068	0.000	0.000
DADRI (LIQUID)	0.166	0.157	0.000	0.000
AURAIYA (GAS)	18.979	18.007	14.232	13.503
AURAIYA (RLNG)	34.329	32.595	0.000	0.000
AURAIYA (LIQUID)	0.147	0.139	0.000	0.000
SINGRAULI	102.427	97.226	101.954	96.775
RIHAND -I	66.722	63.357	62.114	58.983
RIHAND -II	88.061	83.613	84.466	80.201
RIHAND -III	22.309	21.078	21.441	20.256
UNCHAHAR-I	17.295	16.418	15.637	14.846
UNCHAHAR-II	33.727	32.016	30.555	29.002
UNCHAHAR-III	20.718	19.668	19.315	18.335
DADRI (TH)	545.724	518.051	463.288	440.091
DADRI (TH) STAGE-II	549.630	521.758	514.787	488.682
NAPP	25.044	23.770	24.718	23.466
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	40.593	38.534	40.593	38.534
NATHPA JHAKRI	20.495	19.458	14.912	14.157
DULASTI	9.996	9.489	9.996	9.489
TEHRI	26.225	24.882	26.225	24.882
JHAJJAR	279.873	265.679	69.914	66.307
KHELGAON	35.452	33.654	32.091	30.465
KHELGAON-II	110.776	105.151	108.014	102.532
FARAKA	15.981	15.171	15.541	14.753
TALA	1.802	1.709	1.802	1.709
DVC	143.346	141.331	141.331	134.110

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
HARYANA	33.512	32.712	32.712	31.053
CHATTISHGARH	7.727	7.572	7.572	7.178
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	193.300	190.487	190.487	180.779
DVC MEJIA (LT-08)(BYPL)	0.000	0.000	0.000	0.000
URS	0.000	0.000	0.000	0.000
GUJRAT	19.980	19.642	19.642	18.605
DVC (FOR NDPL) LT-09	4.830	4.761	4.761	4.512
HARYANA (LT-05)	37.512	36.588	36.588	34.681
UTTAR PRADESH	37.253	36.141	36.141	34.307
ORISSA	0.470	0.462	0.462	0.437
TO MEGHALAYA	-2.087	-2.123	-2.123	-2.236
TO UTTAR PRADESH	-132.520	-136.533	-136.533	-143.836
TO JAMMU & KASHMIR	-125.864	-129.232	-129.232	-136.035
TO MADHYA PRADESH	-48.307	-49.303	-49.303	-51.938
TO RAJASTHAN	-151.149	-155.354	-155.354	-163.724
TO MAHARASHTRA	-5.273	-5.399	-5.399	-5.688
TO HIMACHAL PRADESH	-74.599	-76.422	-76.422	-80.506
TO WEST BENGAL	-1.886	-1.913	-1.913	-2.013
POWER EXCHANGE(IEX)	3.668	3.472	3.668	3.472
TO POWER EXCHANGE (IEX)	-143.126	-150.725	-143.126	-150.725
POWRER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (PX)	-23.947	-25.248	-23.947	-25.248
TO SHARE PROJECT (HARYANA)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (PUNJAB)	0.000	0.000	0.000	0.000
TOTAL	**2027.949**	**1881.529**	**1560.721**	**1406.158**

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	1599.410	1518.225	1377.740	1308.076
NTPC - ER	162.209	153.977	155.646	147.750
NHPC	49.463	46.959	49.463	46.959
NPC	65.636	62.305	65.311	62.000
SASAN	41.227	39.099	40.928	38.814
KOTESHWAR	8.767	8.320	8.767	8.320
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	20.495	19.458	14.912	14.157
TEHRI	26.225	24.882	26.225	24.882
TALA	1.802	1.709	1.802	1.709
JHAJJAR	279.873	265.679	69.914	66.307
TALCHER	0.000	0.000	0.000	0.000
DVC	143.346	141.331	141.331	134.110
HARYANA	33.512	32.712	32.712	31.053
CHATTISHGARH	7.727	7.572	7.572	7.178
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	193.300	190.487	190.487	180.779
DVC MEJIA (LT-08)(BYPL)	0.000	0.000	0.000	0.000
URS	0.000	0.000	0.000	0.000
GUJRAT	19.980	19.642	19.642	18.605
DVC (FOR NDPL) LT-09	4.830	4.761	4.761	4.512
HARYANA (LT -05)	37.512	36.588	36.588	34.681
UTTAR PRADESH	37.253	36.141	36.141	34.307
ORISSA	0.470	0.462	0.462	0.437
POWER EXCHANGE(IEX)	3.668	3.472	3.668	3.472
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**2736.707**	**2613.779**	**2284.072**	**2168.106**

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 MEGHALAYA	-2.087	-2.123	-2.123	-2.236
TO ORISSA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	-132.520	-136.533	-136.533	-143.836
TO JAMMU & KASHMIR	-125.864	-129.232	-129.232	-136.035
TO ANDHRA	0.000	0.000	0.000	0.000
TO TRIPURA	0.000	0.000	0.000	0.000
TO MADHYA PRADESH	-48.307	-49.303	-49.303	-51.938
TO GUJRAT	0.000	0.000	0.000	0.000
TO RAJASTHAN	-151.149	-155.354	-155.354	-163.724
TO MAHARASHTRA	-5.273	-5.399	-5.399	-5.688
TO TAMILNADU	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	-74.599	-76.422	-76.422	-80.506
TO WEST BENGAL	-1.886	-1.913	-1.913	-2.013
TO POWER EXCHANGE (IEX)	-143.126	-150.725	-143.126	-150.725
TO POWER EXCHANGE (PX)	-23.947	-25.248	-23.947	-25.248
TO SHARE PROJECT (HARYANA)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (PUNJAB)	0.000	0.000	0.000	0.000
TOTAL	**-708.758**	**-732.250**	**-723.351**	**-761.948**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**2027.949**	**1881.529**	**1560.721**	**1406.158**
TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS				2037.851
NET CONSUMPTION				**2026.803**
AVAILABILITY WITHIN DELHI				657.843
ACTUAL DRAWAL FROM THE GRID				1368.1960
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY				-37.198
LOAD SHEDDING				4.988
UNRESTRICTED DEMAND (GROSS)				2042.839
UNRESTRICTED DEMAND (NET)				2031.791
MAX. NET CONSUMPTION				72.462 ON 17.01.2014
MAX. LOAD SHEDDING				380MW ON 10.01.2014 AT 11.300HRS.
PEAK LOAD	Peak Demand during the month			SHEDDING AT PEAK TIME
DAY PEAK	4000MW AT 10.31.16HRS ON 17.01.2014			0 MW
EVENING PEAK	3633MW AT 19.00.00HRS ON 17.01.2014			0 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH GT PRAGATI RITHALA BAWANA Timarpur Okhla			0.00% 54.88% 82.58% 0.00% 0.00% 53.19%

9 SHEDDING DETAILS DURING THE MONTH OF JANUARY 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-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
02-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
03-Jan-14	1	0.003	0.000	0.000	0.000	**0.003**	0.000	0.021	0.067	0.000
04-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
05-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.013	0.000
06-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.151	0.221	0.408	0.000
07-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
08-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.062	0.066	0.000
09-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.067	0.206	0.532	0.000
10-Jan-14	1	0.002	0.000	0.000	0.000	**0.002**	0.066	0.471	0.600	0.000
11-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
12-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
13-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
14-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
15-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
16-Jan-14	4	0.004	0.002	0.000	0.000	**0.006**	0.000	0.000	0.000	0.000
17-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.006	0.012	0.000
18-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
19-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.093	0.000	0.000
20-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
21-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
22-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
23-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
24-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.016	0.000	0.000
25-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
26-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
27-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
28-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
29-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.122	0.005	0.000
30-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.005	0.020	0.000
31-Jan-14	0	0.000	0.000	0.000	0.000	**0.000**	0.049	0.144	0.161	0.000
TOTAL	**6**	**0.009**	**0.002**	**0.000**	**0.000**	**0.011**	**0.333**	**1.367**	**1.884**	**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-Jan-14	0.000	0.021	0.111	0.000	**0.132**	**0.132**	0.000	0.000	0.000	0.000	0.000
02-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.047	0.000	0.000
03-Jan-14	0.000	0.000	0.000	0.000	**0.088**	**0.091**	0.000	0.000	0.000	0.000	0.000
04-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.023	0.000	0.000	0.000
05-Jan-14	0.000	0.000	0.000	0.000	**0.013**	**0.013**	0.000	0.000	0.000	0.000	0.000
06-Jan-14	0.000	0.000	0.025	0.000	**0.805**	**0.805**	0.000	0.000	0.000	0.000	0.000
07-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
08-Jan-14	0.000	0.000	0.000	0.000	**0.128**	**0.128**	0.000	0.000	0.000	0.000	0.000
09-Jan-14	0.000	0.000	0.053	0.000	**0.858**	**0.858**	0.000	0.000	0.000	0.000	0.000
10-Jan-14	0.000	0.000	0.000	0.000	**1.137**	**1.139**	0.000	0.000	0.000	0.000	0.000
11-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.051	0.000	0.000	0.000
12-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.001	0.000	0.000	0.000
13-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
14-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.004	0.000	0.000	0.000
15-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
16-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.006**	0.111	0.007	0.000	0.000	0.000
17-Jan-14	0.000	0.000	0.041	0.000	**0.059**	**0.059**	0.000	0.000	0.009	0.000	0.000
18-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
19-Jan-14	0.000	0.000	0.000	0.000	**0.093**	**0.093**	0.000	0.000	0.000	0.000	0.000
20-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.007	0.000	0.000
21-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.002	0.000	0.000
22-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
23-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.0000	0.000	0.000	0.000
24-Jan-14	0.000	0.000	0.000	0.000	**0.016**	**0.016**	0.000	0.000	0.000	0.000	0.000
25-Jan-14	0.000	0.012	0.000	0.000	**0.012**	**0.012**	0.000	0.009	0.000	0.000	0.000
26-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
27-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
28-Jan-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
29-Jan-14	0.000	0.000	0.000	0.000	**0.127**	**0.127**	0.000	0.000	0.000	0.000	0.000
30-Jan-14	0.000	0.000	0.000	0.000	**0.025**	**0.025**	0.000	0.000	0.024	0.000	0.000
31-Jan-14	0.000	0.000	0.000	0.000	**0.354**	**0.354**	0.000	0.000	0.000	0.000	0.000
	0.000	**0.033**	**0.230**	**0.000**	**3.847**	**3.858**	**0.111**	**0.095**	**0.089**	**0.000**	**0.000**

ALL FIGURES IN MUs

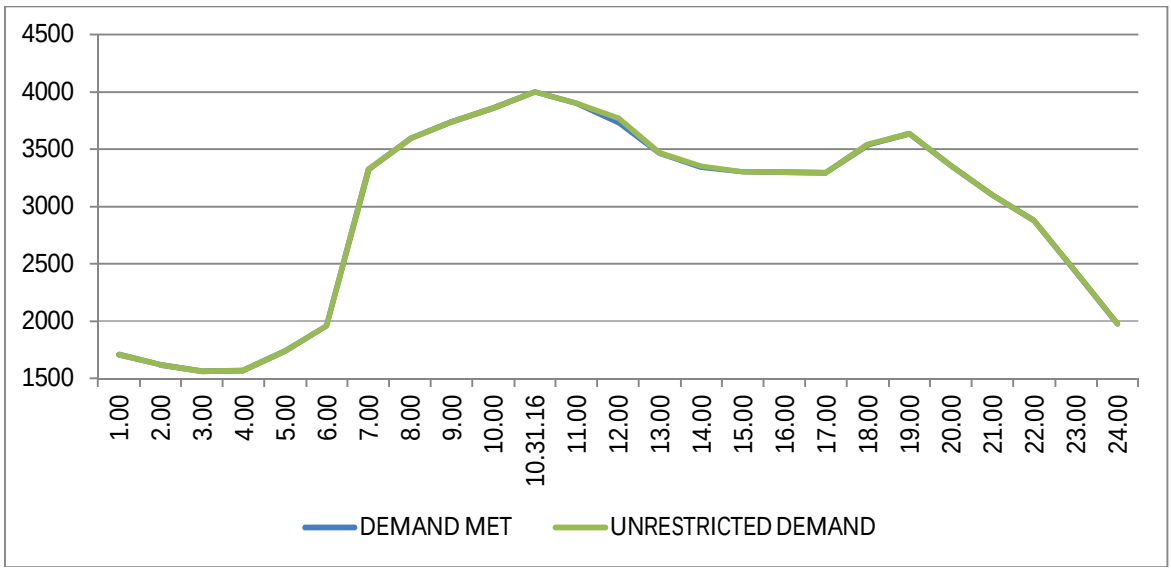
DATE	DUE TO T&D CONTRAINTS				OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.	THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	DISCOMS									
	BSES		NDPL	NDMC		BSES		NDPL		
	BYPL	BRPL				BYPL	BRPL			
1	23	24	25		26	27	28	29	30=18 to29	31=30+17
01-Jan-14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.002**	**0.134**
02-Jan-14	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.003	**0.104**	**0.104**
03-Jan-14	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.004**	**0.095**
04-Jan-14	0.000	0.007	0.035	0.000	0.000	0.000	0.000	0.003	**0.068**	**0.068**
05-Jan-14	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.002**	**0.015**
06-Jan-14	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.013	**0.019**	**0.824**
07-Jan-14	0.013	0.000	0.014	0.000	0.000	0.000	0.000	0.012	**0.039**	**0.039**
08-Jan-14	0.000	0.023	0.005	0.000	0.000	0.000	0.000	0.009	**0.037**	**0.165**
09-Jan-14	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.016	**0.028**	**0.886**
10-Jan-14	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.015	**0.040**	**1.179**
11-Jan-14	0.020	0.004	0.000	0.000	0.000	0.000	0.000	0.015	**0.090**	**0.090**
12-Jan-14	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.015	**0.020**	**0.020**
13-Jan-14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	**0.013**	**0.013**
14-Jan-14	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.014	**0.034**	**0.034**
15-Jan-14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	**0.013**	**0.013**
16-Jan-14	0.000	0.042	0.014	0.000	0.000	0.000	0.000	0.012	**0.186**	**0.192**
17-Jan-14	0.000	0.009	0.001	0.000	0.000	0.000	0.000	0.014	**0.033**	**0.092**
18-Jan-14	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	**0.003**	**0.003**
19-Jan-14	0.000	0.031	0.006	0.000	0.000	0.000	0.000	0.004	**0.041**	**0.134**
20-Jan-14	0.003	0.004	0.007	0.000	0.000	0.000	0.000	0.007	**0.028**	**0.028**
21-Jan-14	0.036	0.008	0.012	0.000	0.000	0.000	0.000	0.005	**0.063**	**0.063**
22-Jan-14	0.000	0.021	0.003	0.000	0.000	0.000	0.000	0.012	**0.036**	**0.036**
23-Jan-14	0.018	0.005	0.002	0.000	0.041	0.000	0.000	0.004	**0.111**	**0.111**
24-Jan-14	0.002	0.000	0.001	0.000	0.000	0.000	0.000	0.008	**0.011**	**0.027**
25-Jan-14	0.000	0.000	0.0000	0.000	0.009	0.000	0.000	0.006	**0.033**	**0.045**
26-Jan-14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
27-Jan-14	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.007	**0.010**	**0.010**
28-Jan-14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	**0.020**	**0.020**
29-Jan-14	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.011	**0.013**	**0.140**
30-Jan-14	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.006	**0.034**	**0.059**
31-Jan-14	0.037	0.001	0.000	0.000	0.000	0.000	0.000	0.007	**0.045**	**0.399**
TOTAL	**0.200**	**0.212**	**0.105**	**0.000**	**0.050**	**0.000**	**0.000**	**0.268**	**1.180**	**5.038**

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-Jan-14	63.259	**3853**	10:41:51	2	**3855**	**3855**	10:41:51	**3853**	2
02-Jan-14	64.378	**3799**	10:02:12	2	**3801**	**3801**	10:02:12	**3799**	2
03-Jan-14	68.101	**3984**	10:23:10	3	**3987**	**3987**	10:23:10	**3984**	3
04-Jan-14	63.223	**3672**	10:01:36	2	**3674**	**3674**	10:01:36	**3672**	2
05-Jan-14	62.296	**3611**	10:45:36	0	**3611**	**3611**	10:45:36	**3611**	0
06-Jan-14	65.147	**3785**	10:59:35	2	**3787**	**3835**	10:00	**3624**	211
07-Jan-14	66.990	**3936**	10:07:25	0	**3936**	**3936**	10:07:25	**3936**	0
08-Jan-14	66.832	**3898**	09:46:35	155	**4053**	**4053**	09:46:35	**3898**	155
09-Jan-14	67.071	**3855**	10:14:39	62	**3917**	**3917**	10:14:39	**3855**	62
10-Jan-14	68.179	**3798**	09:33:22	196	**3994**	**4079**	10:30	**3720**	359
11-Jan-14	65.248	**3847**	10:06:24	0	**3847**	**3847**	10:06:24	**3847**	0
12-Jan-14	62.212	**3696**	11:11:50	0	**3696**	**3696**	11:11:50	**3696**	0
13-Jan-14	65.175	**3819**	10:01	0	**3819**	**3819**	10:01	**3819**	0
14-Jan-14	64.237	**3764**	09:43:02	0	**3764**	**3764**	09:43:02	**3764**	0
15-Jan-14	67.544	**3849**	09:57:28	0	**3849**	**3849**	09:57:28	**3849**	0
16-Jan-14	66.360	**3837**	10:08:35	0	**3837**	**3837**	10:08:35	**3837**	0
17-Jan-14	72.462	**4000**	10:31:16	0	**4000**	**4000**	10:31:16	**4000**	0
18-Jan-14	64.800	**3596**	10:06	0	**3596**	**3596**	10:06	**3596**	0
19-Jan-14	63.724	**3767**	10:30	36	**3803**	**3803**	10:30	**3767**	36
20-Jan-14	66.233	**3797**	10:00	0	**3797**	**3797**	10:00	**3797**	0
21-Jan-14	66.573	**3773**	09:31:13	0	**3773**	**3773**	09:31:13	**3773**	0
22-Jan-14	67.952	**3866**	10:02	0	**3866**	**3866**	10:02	**3866**	0
23-Jan-14	65.928	**3748**	10:02:16	0	**3748**	**3748**	10:02:16	**3748**	0
24-Jan-14	67.880	**3900**	09:49:12	0	**3900**	**3900**	09:49:12	**3900**	0
25-Jan-14	66.368	**3813**	10:21:47	0	**3813**	**3813**	10:21:47	**3813**	0
26-Jan-14	56.816	**3301**	09:48:39	0	**3301**	**3301**	09:48:39	**3301**	0
27-Jan-14	61.458	**3604**	09:51:36	0	**3604**	**3604**	09:51:36	**3604**	0
28-Jan-14	64.131	**3613**	09:45:57	0	**3613**	**3613**	09:45:57	**3613**	0
29-Jan-14	64.332	**3542**	09:45:46	0	**3542**	**3542**	09:45:46	**3542**	0
30-Jan-14	64.423	**3510**	09:42:13	0	**3510**	**3510**	09:42:13	**3510**	0
31-Jan-14	67.471	**3814**	10:25:49	0	**3814**	**3814**	10:25:49	**3814**	0
TOTAL	**2026.803**	**4000** **17.01.14**	10:31:16	0	**4000** 10.01.14	**4079**	10:30	**3720**	359

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING JANUARY 2014 ON 17.01.2014- 4000MW AT 10.31.16HRS.

All figures in MW

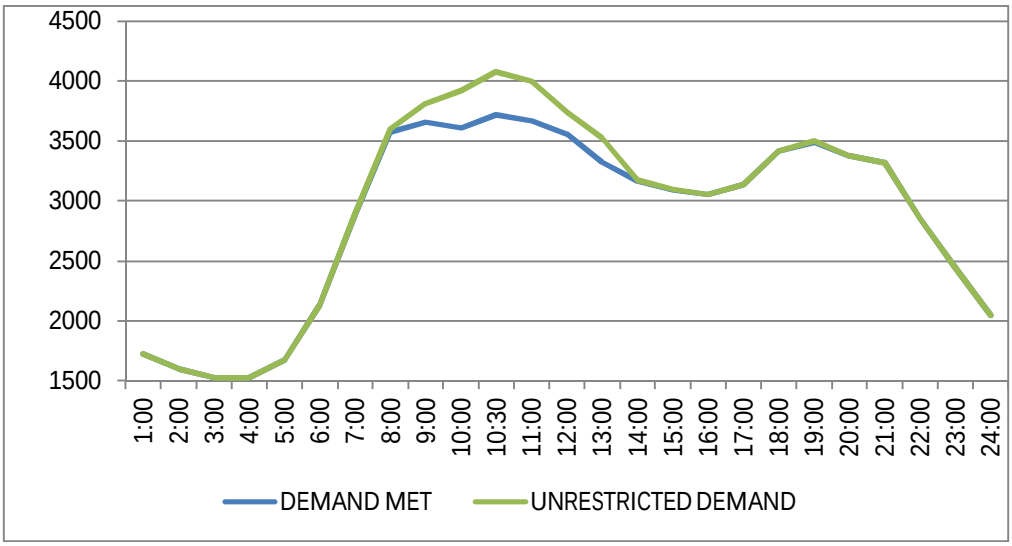
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1706	0	1706
2.00	1620	0	1620
3.00	1562	0	1562
4.00	1572	0	1572
5.00	1736	0	1736
6.00	1960	0	1960
7.00	3317	8	3325
8.00	3589	0	3589
9.00	3739	0	3739
10.00	3859	0	3859
10.31.16	4000	0	4000
11.00	3902	0	3902
12.00	3733	36	3769
13.00	3467	0	3467
14.00	3341	12	3353
15.00	3305	0	3305
16.00	3296	0	3296
17.00	3292	0	3292
18.00	3536	5	3541
19.00	3634	0	3634
20.00	3357	0	3357
21.00	3096	0	3096
22.00	2882	0	2882
23.00	2427	0	2427
24.00	1975	0	1975
TOTAL	**72.462**	**0.092**	**72.554**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING JANUARY 2014 ON 10.01.2014- 4079MW at 10.30.00HRS.

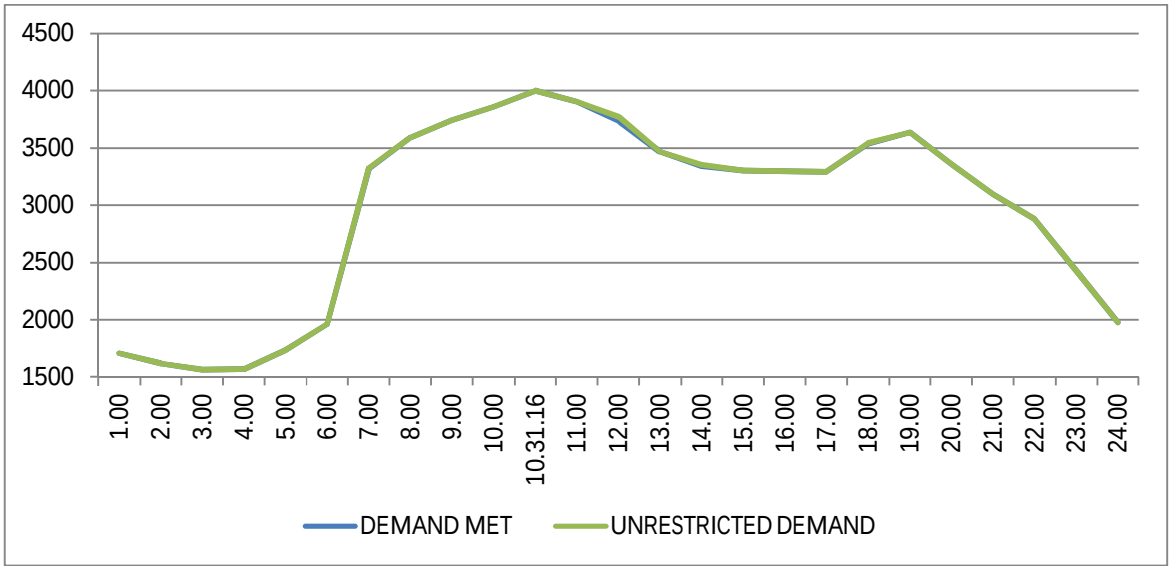
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	1723	0	1723
2:00	1600	0	1600
3:00	1525	0	1525
4:00	1525	0	1525
5:00	1678	0	1678
6:00	2134	0	2134
7:00	2891	8	2899
8:00	3572	27	3599
9:00	3656	158	3814
10:00	3613	308	3921
10:30	3720	359	4079
11:00	3666	333	3999
12:00	3558	181	3739
13:00	3324	202	3526
14:00	3167	7	3174
15:00	3090	7	3097
16:00	3054	0	3054
17:00	3135	0	3135
18:00	3416	0	3416
19:00	3492	7	3499
20:00	3379	0	3379
21:00	3318	0	3318
22:00	2857	0	2857
23:00	2442	0	2442
24:00	2044	0	2044
TOTAL	**68.179**	**1.179**	**69.358**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING JANUARY 2014 – 17.01.2014 – 72.462Mus All figures in MW

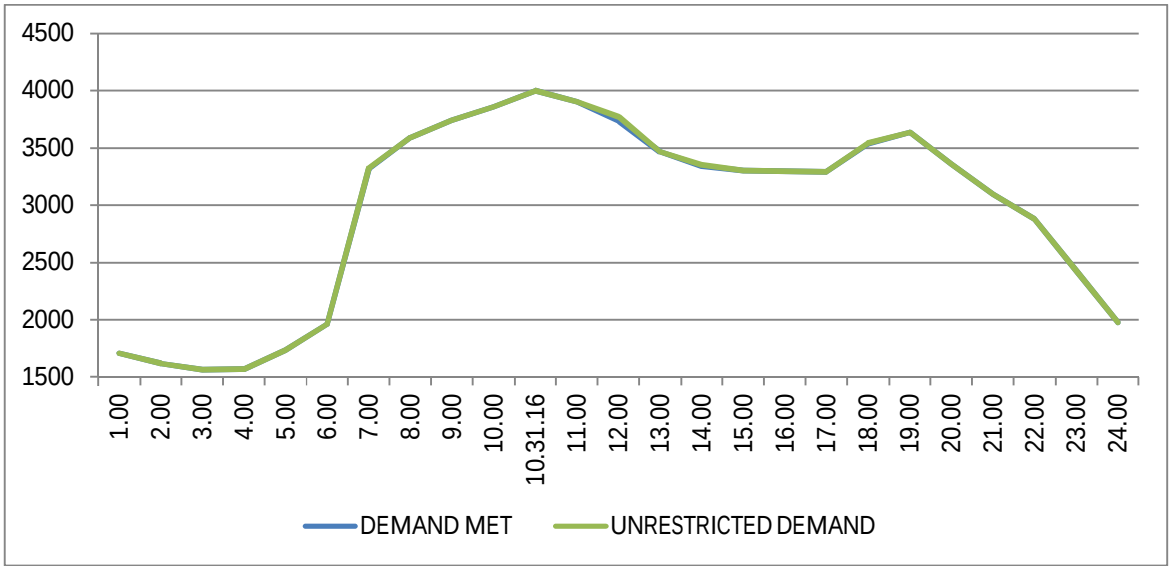
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1706	0	1706
2.00	1620	0	1620
3.00	1562	0	1562
4.00	1572	0	1572
5.00	1736	0	1736
6.00	1960	0	1960
7.00	3317	8	3325
8.00	3589	0	3589
9.00	3739	0	3739
10.00	3859	0	3859
10.31.16	4000	0	4000
11.00	3902	0	3902
12.00	3733	36	3769
13.00	3467	0	3467
14.00	3341	12	3353
15.00	3305	0	3305
16.00	3296	0	3296
17.00	3292	0	3292
18.00	3536	5	3541
19.00	3634	0	3634
20.00	3357	0	3357
21.00	3096	0	3096
22.00	2882	0	2882
23.00	2427	0	2427
24.00	1975	0	1975
TOTAL	**72.462**	**0.092**	**72.554**



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING JANUARY 2014 – 17.01.2014 – 72.554 Mus

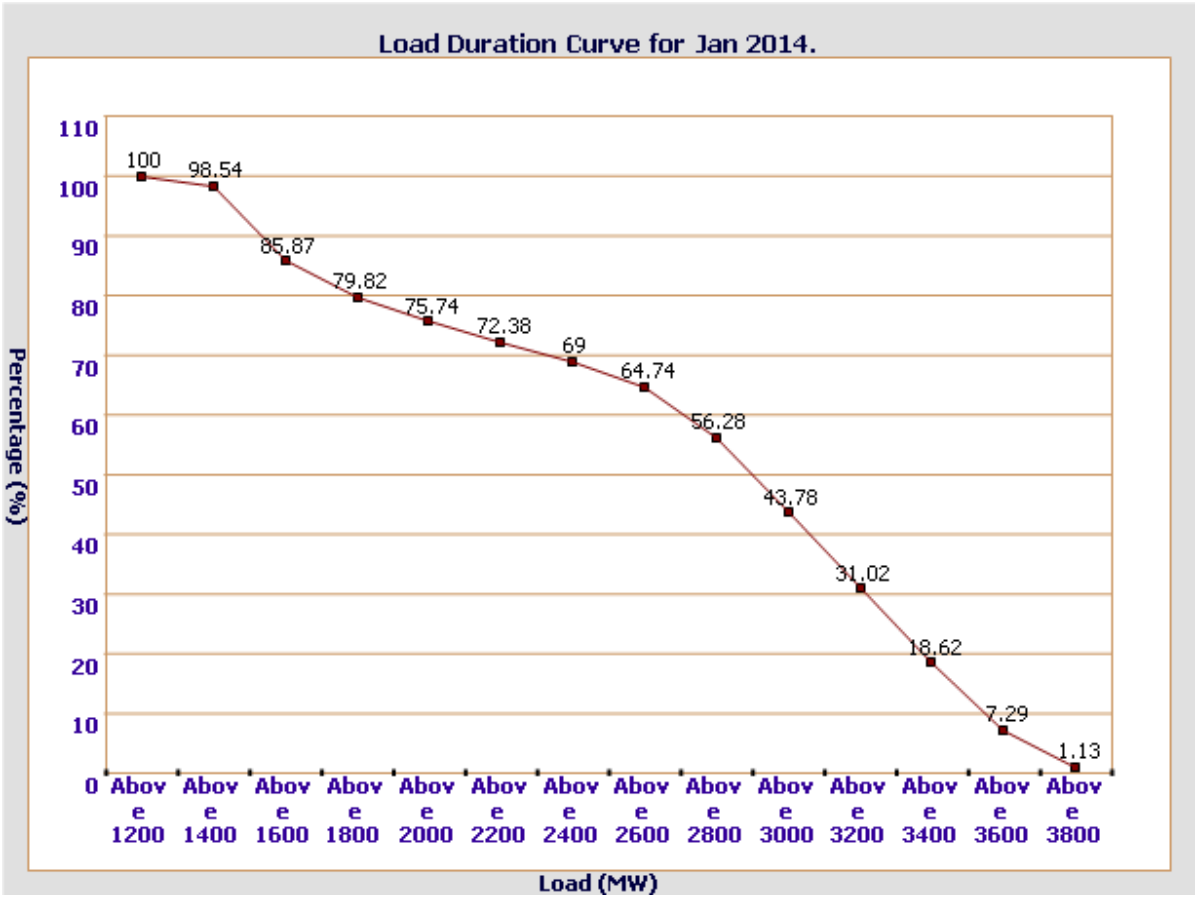
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1706	0	1706
2.00	1620	0	1620
3.00	1562	0	1562
4.00	1572	0	1572
5.00	1736	0	1736
6.00	1960	0	1960
7.00	3317	8	3325
8.00	3589	0	3589
9.00	3739	0	3739
10.00	3859	0	3859
10.31.16	4000	0	4000
11.00	3902	0	3902
12.00	3733	36	3769
13.00	3467	0	3467
14.00	3341	12	3353
15.00	3305	0	3305
16.00	3296	0	3296
17.00	3292	0	3292
18.00	3536	5	3541
19.00	3634	0	3634
20.00	3357	0	3357
21.00	3096	0	3096
22.00	2882	0	2882
23.00	2427	0	2427
24.00	1975	0	1975
TOTAL	**72.462**	**0.092**	**72.554**



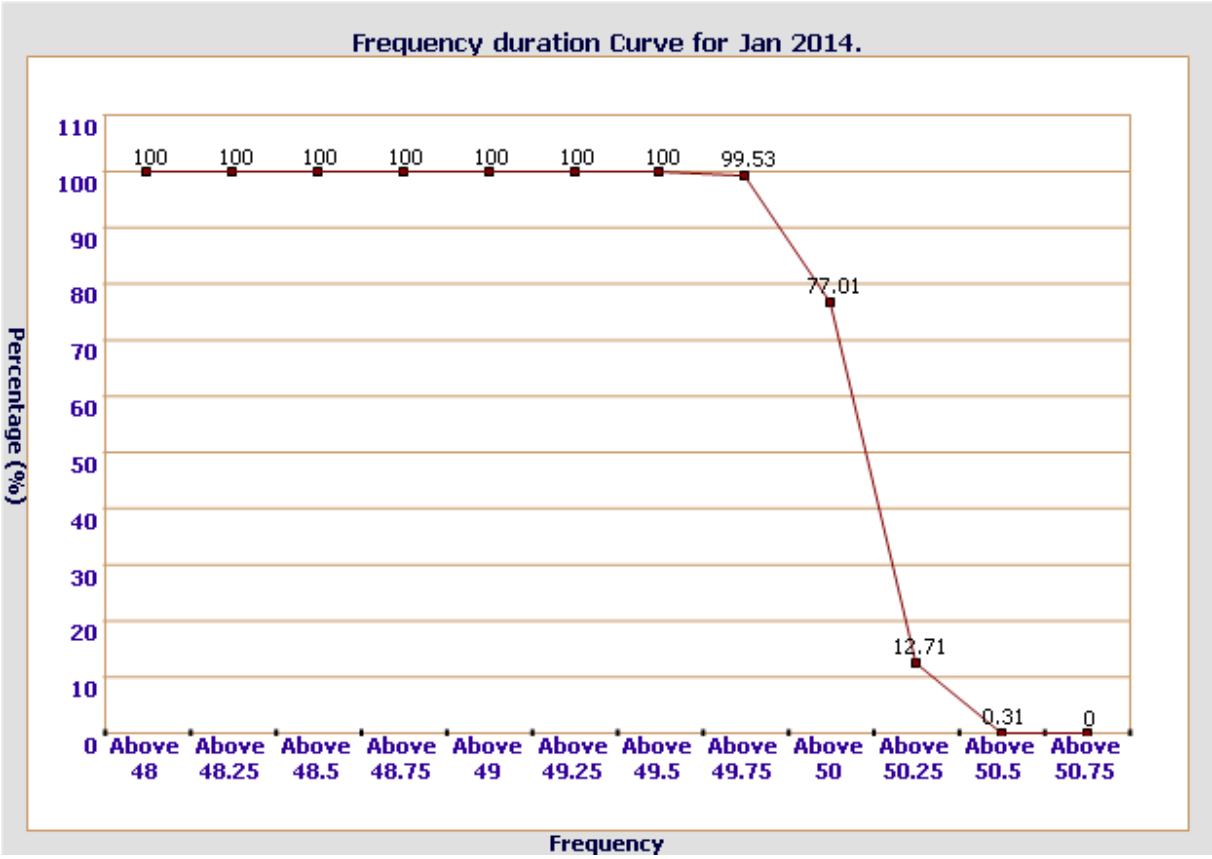
14 LOAD DURATION CURVE FOR JANUARY 2014

Load in MW	Percentage of Time
Above 1200	100 %
Above 1400	98.54 %
Above 1600	85.87 %
Above 1800	79.82 %
Above 2000	75.74 %
Above 2200	72.38 %
Above 2400	69 %
Above 2600	64.74 %
Above 2800	56.28 %
Above 3000	43.78 %
Above 3200	31.02 %
Above 3400	18.62 %
Above 3600	7.29 %
Above 3800	1.13 %



15 FREQUENCY ANALYSIS FOR THE MONTH OF JANUARY 2014

Frequency Range in Hz.	Percentage of time
Above 49.5	100 %
Above 49.75	99.53 %
Above 50	77.01 %
Above 50.25	12.71 %
Above 50.5	0.31 %
Above 50.75	0 %



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-Jan-14	233.95	216.67	234.34	215.25
02-Jan-14	232.79	216.67	234.34	216.28
03-Jan-14	231.37	213.83	233.18	213.44
04-Jan-14	233.05	214.99	234.08	213.83
05-Jan-14	233.05	221.57	234.34	219.76
06-Jan-14	234.47	214.61	235.24	214.35
07-Jan-14	233.82	216.93	234.72	215.25
08-Jan-14	232.15	213.70	232.53	214.35
09-Jan-14	--	--	--	--
10-Jan-14	231.24	213.83	230.86	212.54
11-Jan-14	231.50	216.93	231.11	214.35
12-Jan-14	232.15	216.99	231.37	216.41
13-Jan-14	232.40	217.96	231.89	213.83
14-Jan-14	234.47	217.96	232.02	214.61
15-Jan-14	233.95	216.67	233.69	212.03
16-Jan-14	233.18	217.31	232.15	213.70
17-Jan-14	235.11	215.38	232.15	211.25
18-Jan-14	237.95	220.28	234.60	215.38
19-Jan-14	235.11	221.57	233.31	216.93
20-Jan-14	234.60	220.15	232.79	215.25
21-Jan-14	235.63	223.76	234.60	208.03
22-Jan-14	236.40	223.50	236.40	219.12
23-Jan-14	237.05	219.76	235.63	218.47
24-Jan-14	233.82	219.12	232.79	216.93
25-Jan-14	233.95	218.22	234.34	217.83
26-Jan-14	234.98	224.41	233.18	222.34
27-Jan-14	234.60	218.86	233.82	215.64
28-Jan-14	233.69	221.57	233.43	218.22
29-Jan-14	233.31	--	232.66	214.09
30-Jan-14	234.72	219.24	233.05	213.19
31-Jan-14	233.95	219.76	233.43	215.25

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

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Jan-14	423.96	03.03.33	395.82	09.52.55	411.80
02-Jan-14	422.55	03.33.32	396.29	09.11.19	409.57
03-Jan-14	421.38	04.02.50	390.89	09.38.58	407.51
04-Jan-14	424.19	04.02.24	391.38	10.21.47	409.00
05-Jan-14	425.13	05.03.04	404.49	11.29.59	415.46
06-Jan-14	426.07	04.04.48	392.07	12.03.39	409.48
07-Jan-14	426.30	05.02.36	396.99	10.31.36	410.68
08-Jan-14	421.85	02.16.39	394.41	09.56.25	410.09
09-Jan-14	--	--	--	--	--
10-Jan-14	421.38	03.02.59	392.30	10.48.56	409.26
11-Jan-14	419.50	03.38.59	396.05	11.21.39	408.08
12-Jan-14	420.67	01.00.40	399.34	12.11.33	412.10
13-Jan-14	--	--	--	--	--
14-Jan-14	422.79	00.19.06	395.82	11.18.37	410.24
15-Jan-14	424.19	05.05.20	390.89	09.08.15	408.74
16-Jan-14	422.08	03.10.40	393.47	09.44.14	407.73
17-Jan-14	423.96	23.52.20	396.29	12.40.44	400.12
18-Jan-14	--	--	--	--	--
19-Jan-14	--	--	--	--	--
20-Jan-14	423.25	01.44.34	397.93	10.24.40	412.30
21-Jan-14	426.77	23.51.38	406.37	06.23.23	415.38
22-Jan-14	--	--	402.85	18.42.15	414.10
23-Jan-14	427.47	03.02.43	403.79	09.11.33	414.21
24-Jan-14	423.02	03.38.35	400.51	10.22.24	412.51
25-Jan-14	424.19	03.01.14	402.85	10.19.37	413.30
26-Jan-14	424.19	16.04.50	408.01	07.39.22	416.79
27-Jan-14	424.43	00.53.37	400.74	08.38.24	413.18
28-Jan-14	423.96	03.02.23	402.85	09.26.16	414.20
29-Jan-14	423.96	03.02.43	399.81	09.51.26	410.92
30-Jan-14	425.13	00.20.42	395.12	10.06.35	412.27
31-Jan-14	424.43	04.03.18	399.34	10.20.48	412.42

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Jan-14	427.94	03.02.33	402.62	10.10.22	415.95
02-Jan-14	426.30	00.00.21	401.68	10.22.23	413.46
03-Jan-14	424.43	04.03.10	397.23	10.39.21	411.69
04-Jan-14	427.24	04.02.24	398.16	1.20.07	412.79
05-Jan-14	427.24	05.03.34	409.89	10.27.59	418.94
06-Jan-14	429.59	04.03.48	397.23	12.18.09	414.30
07-Jan-14	428.41	05.02.56	403.09	09.50.33	414.95
08-Jan-14	425.13	02.19.39	399.81	09.57.45	414.63
09-Jan-14	--	--	--	--	--
10-Jan-14	424.90	03.01.59	--	--	416.21
11-Jan-14	424.90	01.59.53	403.32	10.19.35	417.31
12-Jan-14	428.41	21.44.47	403.79	00.00.06	418.07
13-Jan-14	--	--	--	--	--
14-Jan-14	427.47	00.41.57	400.74	11.18.48	414.75
15-Jan-14	427.24	03.02.33	399.10	09.07.15	413.54
16-Jan-14	422.60	03.04.19	402.15	09.37.44	413.33
17-Jan-14	428.88	23.52.30	399.34	09.50.23	414.67
18-Jan-14	--	--	403.79	09.08.51	415.40
19-Jan-14	425.36	23.29.35	412.00	12.37.00	418.74
20-Jan-14	428.41	01.44.54	405.20	10.25.30	417.53
21-Jan-14	430.99	23.51.28	412.00	09.07.22	420.40
22-Jan-14	--	--	--	--	--
23-Jan-14	422.40	03.03.43	410.12	09.21.44	419.53
24-Jan-14	427.71	03.42.05	407.31	10.24.04	418.55
25-Jan-14	427.47	03.01.14	409.89	10.16.17	417.87
26-Jan-14	429.59	15.04.46	414.34	07.28.11	421.90
27-Jan-14	428.41	00.52.57	408.01	10.35.38	418.31
28-Jan-14	427.24	03.02.02	409.65	10.18.29	419.63
29-Jan-14	427.47	03.02.33	407.54	18.37.55	416.52
30-Jan-14	428.88	00.20.42	404.49	10.06.15	418.02
31-Jan-14	428.65	04.00.58	406.84	06.47.36	418.01

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 JANUARY 2014

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	2.1.14	11:15	220kV MAHARANIBAGH-MASJID MOTH CKT-I	2.1.14	17:25	CKT. TRIPPED AT MASJID MOTH CB TROUBLE ALARM, TRIP CKT. I & 2, FAULTY 195RYB, 295 RYB CKT .BREAKER DID NOT TRIP AT MAHARANI BAGH CKT. MADE OFF MANUALLY
2	2.1.14	11:30	DSIIDC Bawana 220/66kV 100MVA Tx-III	2.1.14	12:10	TR. TRIPPED ON 86, 96 RELAY
3	2.1.14	11:30	DSIIDC Bawana 220/66kV 100MVA Tx-II	2.1.14	13:10	TR. TRIPPED ON 86, 96 RELAY
4	4.1.14	10:10	PATPARGANJ 220/33kV 100MVA Tx-IV	4.1.14	10:25	TR. TRIPPED ON E/F, 64RLV, 33KV I/C-IV TRIPPED ON 86
5	5.1.14	16:02	LODHI RD 33/11kV, 16MVA Tx-iV	5.1.14	19:36	TR. TRIPPED ON DIFFERENTIAL PROT. 33KV SIDE Y PHASE BUSHING DAMAGED DUE TO ELECTROCUTION OF MONKEY
6	7.1.14	21:43	PRAGATI 220/66kV 160MVA Tx-II	7.1.14	23:42	TR. TRIPPED ON 86, 86, BUCHOLZ, HIGH OIL TEMP.
7	7.1.14	21:43	PRAGATI 220/66kV 160MVA Tx-I	7.1.14	22:25	TR. TRIPPED ON 86, 8651CX, 30B (OIL TEMP. HIGH), 30L (WINDING TEMP. HIGH)
8	11.1.14	08:35	PAPPANKALAN-I 220/66kV 100MVA Tx-IV	11.1.14	09:50	TR. TRIPPED ON O/C & E/F ALONGWITH CB AUTO TRIP
9	11.1.14	08:35	PAPPANKALAN-I 220/66kV 100MVA Tx-III	11.1.14	09:50	TR. TRIPPED ON O/C & E/F ALONGWITH CB AUTO TRIP
10	12.1.14	13:50	MEHRAULI 66/11kV, 20MVA Tx-I	12.1.14	14:25	TR. TRIPPED ON HIGH OIL TEMP, 30D, 86
11	12.1.14	14:13	220kV GEETA COLONY- PATPARGANJ CKT -II	12.1.14	14:25	AT PATPARGANJ CKT. TRIPPED ON PHASE A, B, C AT GEETA COLONY CKT. TRIPPED ON PHASE A, B, C, ACTIVE GROUP I, START PHASE A&B, DIST PROT, ZONE I, FAULT LOCATION 1.78KMS.
12	12.1.14	22:40	VASANT KUNJ 66/11kV, 20MVA Tx-II	17.1.14	03:55	TX TRIPPED ON 30D OIL TEMP.,86 AND 11KV I/C-2 TRIPPED ON 30D.
13	14.1.14	01:45	VASANT KUNJ 66/11kV, 20MVA Tx-I	14.1.14	02:20	TX TRIPPED ON 51A,B&C, 86. 11KV I/C-1 TRIPPED ON 51A,86
14	15.1.14	07:55	400kV Bawana-Mundka Ckt-II	15.1.14	08:09	AT BAWANA CKT TRIPPED ON AUTO RECLOSE. NO TRIPPING AT MUNDKA.
15	15.1.14	17:37	400kV Bawana-Mundka Ckt-II	15.1.14	17:57	AT BAWANA BOTH CB OF CKT TRIPPED ON 85LO, 186A&B AUTO RECLOSE. NO TRIPPING AT MUNDKA.
16	16.1.14	03:52	220kV KANJHAWALA-NAJAFGARH CKT	16.1.14	04:50	AT NJF CKT TRIPPED ON ABC-PH,186.AT KANJHAWALA 220KV BUS COUPLER TRIPPED ON O/C,E/F.
17	16.1.14	04:17	400kV Bamnauli-Jhatikara Ckt-II	16.1.14	12:56	AT BAMNAULI CB NO 1552 TRIPPED ON 186AB,O/V.TRACKING OBSERVED IN OVER VOLTAGE RELAY AT BAMNAULI. AT JHATIKARA CKT TRIPPED ON CHANNEL I&II DIRECT TRIP.
18	16.1.14	05:18	220kV KANJHAWALA-NAJAFGARH CKT	17.1.14	11:20	AT NJF CKT TRIPPED ON ABC-PH,186. NO TRIPPING AT KANJHAWALA.
19	16.1.14	06:36	220kV WAZIRABAD-GEETA COLONY CKT-I	16.1.14	06:50	AT WZB CKT TRIPPED ON E/F,86. NO TRIPPING AT GEETA COLONY.
20	16.1.14	06:36	220 KV PATPARGANJ - I.P. CKT-II	16.1.14	06:56	AT IP CKT TRIPPED ON D/P,Z-2,186.AT PATPARGANJ CKT TRIPPED ON D/P,Z-2,AB&C-PH,86.
21	16.1.14	06:36	220 KV PATPARGANJ - I.P. CKT-I	16.1.14	07:05	AT IP CKT TRIPPED ON D/P,Z-1,AB&C-PH,186.AT PATPARGANJ CKT TRIPPED ON D/P,Z-2,AB&C-PH,86,DIST-4.653 KM.
22	16.1.14	06:36	220kV GEETA COLONY- PATPARGANJ CKT-I	16.1.14	09:32	AT GEETA COLONY CKT TRIPPED ON D/P,Z-3,27RY&B, 86, E/F,DIST-8.44KM. NO TRIPPING AT PATPARGANG.
23	16.1.14	07:55	220kV WAZIRABAD-GEETA COLONY CKT-II	16.1.14	08:18	AT WZB CKT TRIPPED ON D/P,Z-1, DIST-4.7 KM.AT GEETA COLONY CKT TRIPPED ON D/P,Z-1,E/F.
24	16.1.14	10:45	SHALIMAR BAGH 220/33kV 100MVA Tx-III	16.1.14	14:01	33KV I/C-3 TRIPPED ON O/C.
25	16.1.14	11:43	LODHI RD 220/33kV 100MVA Tx-I	16.1.14	17:08	TX TRIPPED ON OLTC.
26	17.1.14	06:03	220kV BAWANA - KANJHAWALA CKT	17.1.14	20:31	CKT. TRIPPED ON DIST. PROT, DIST. 6.45KM, AUTO RECLOSE
27	19.1.14	11:15	PARKSTREET 33kV 10MVAR CAP. BANK-II	19.1.14	00:00	SHUTDOWN TO ATTEND OIL LEAKAGE IN REACTOR
28	20.1.14	11:46	400kV Mandola-Bawana Ckt-I	20.1.14	12:28	CKT. TRIPPED WITHOUT INDICATION, MASTER RELAY
29	20.1.14	12:48	ROHINI-II 220/66kV 160MVA Tx-I	20.1.14	16:12	TR. TRIPPED ON 86B, LOW GAS PRESSURE
30	21.1.14	14:06	220kV PRAGATI - SARITA VIHAR CKT	21.1.14	14:50	AT PRAGATI CKT. TRIPPED ON DIST. PROT., ZONE-2, FAULT LOCATION 12.6KMS. AT SARITA VIHAR NO TRIPPING
31	21.1.14	14:06	220kV MAHARANI BAGH - SARITA VIHAR CKT	21.1.14	14:50	AT MAHARANI BAGH CKT. TRIPPED ON DIST. PROT, ZONE 2, DIST, 8.5KM AT SARITA VIHAR NO TRIPPING
32	22.1.14	20:30	NAJAFGARH 66kV 20MVAR CAP. BANK-I	23.1.14	13:40	CAP BANK TRIPPED ON UNBALANCEING.
33	23.1.14	17:45	SARITA VIHAR 66/11kV, 20MVA Tx-II	23.1.14	18:50	TX TRIPPED ON SPR,80E,AB&C MASTER RELAY. 11KV I/C-2 TRIPPED WITHOUT INDICATION.
34	25.1.14	09:25	MEHRAULI 220/66kV 100MVA Tx-I	25.1.14	17:45	TR. TRIPPED ON 186, REF, AUX OPERATION, 66KV I/C-I TRIPPED ON O/C , E/F
35	25.1.14	15:55	OKHLA 220/33kV 100MVA Tx-IV	25.1.14	17:53	TR. TRIPPED ON BUCH. RELAY
36	29.1.14	07:15	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	29.1.14	12:30	TX MADE OFF AS ABNORMAL NOISE OBSERVED IN R-PH CT.

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

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
03.01.14	1	11:30	11:59	SARITA VIHAR 220KkV	66kV MATHURA ROAD	FLAT MODE	23
10.01.14	2	15:18	15:31	SHALIMAR BAGH kV	33kV ASHOK VIHAR	FLAT MODE	9
16.01.14	3	6:40	07:03	RPH STN.	BAY NO. 1 (33kV MOTIA KHAN)	FLAT MODE	8
16.01.14	4	6:40	07:03	RPH STN	BAY NO. 16 (33kV FOUNTAIN)	FLAT MODE	2
16.01.14	5	6:40	06:47	I.P.STN.	BAY NO. 24 (33kV NEHRU STADIUM)	FLAT MODE	11
16.01.14	6	6:40	07:17	I.P.STN.	BAY NO. 9 (33kV EXHIBITION GROUND-I)	FLAT MODE	1