DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

MARCH 2014

1 **SALIENT FEATURES OF DELHI POWER SYSTEM**

Sr. No.	Features	MARCH 2013	MARCH 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	1372
	TOWMCL	16	16
	Total	2249	2936
2	**Maximum Unrestricted Demand (MW)**	**3590**	**3528**
	Date	12.03.2013	02.03.2014
	Time	19.00	10.16.09
3	**Peak Demand met (MW)**	**3226**	**3444**
	Date	01.03.2013	04.03.2014
	Time	09.43.39	09.52.37
4	Peak Availability (MW)	3223	3274
5	Shortage (-) / Surplus (+) in MW	(-)3	(-) 170
6	Percentage Shortage (-) / Surplus (+)	(-) 0.09	(-) 4.94
7	Maximum Energy Consume in a day (Mus)	59.478	62.906
8	Energy Consumed during the month	**1702.177**	**1784.504**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.000	0.019
ii)	Manual Load shedding from DTL S/Stns.	0.000	0.000
iii)	Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation		
	NDPL	0.286	1.445
	BRPL	0.929	1.210
	BYPL	0.876	1.937
	NDMC	0.000	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.000	0.028
	Total due to Grid Restriction	**2.091**	**4.639**
B)	Due to Constraints in System in Mus		
	DTL	0.215	0.229
	NDPL	0.090	0.622
	BRPL	0.239	0.671
	BYPL	0.235	0.545
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.003	0.023
	Total	**0.782**	**2.090**
11	**Grand Total in Mus**	**2.873**	**6.729**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING MARCH 2014

A) For the month of March 2014

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	**RPH**	20.257	3.040	17.217	86.83	59.68
2.	**GT**	58.782	1.960	56.822	73.06	85.76
3.	**PPCL**	196.561	4.956	191.605	97.15	40.12
4.	**BTPS**	280.850	30.826	250.024	76.87	106.05
5.	**Rithala**	0.000	0.062	-0.062	**89.17**	61.01
6.	**Bawana**	0.000	1.984	-1.984	118.28	861.94
7.	**Towmcl**	11.591	1.772	9.819	--	0
	TOTAL	**568.041**	**44.600**	**523.441**	**--**	**1214.56**

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

Power Station	Effective Capacity (MW)	Net Generation in MUs for Mar 2014	Availability (%) for Mar 2014	PLF (%) for Mar 2014	Cumulative Generation in MUs upto Mar 2014 for the year 2013-14	Cumulative Availability in % upto Mar 2014 for the year 2013-14	Cumulative PLF in % upto Mar 2014 for the year 2013-14
RPH	135	17.217	86.83	19.30	322.999	67.57	31.39
GT	270	56.822	73.06	29.05	1008.817	85.76	44.02
PPCL	330	191.605	97.15	80.30	2362.322	92.64	84.08
BTPS	705	250.024	76.87	54.15	3781.464	92.64	68.65
Rithala	108	-0.062	89.17	0.00	-1.122	84.24	0.04
Bawana	1372	-1.984	118.28	0.00	617.167	87.61	7.66
Towmcl	16	9.819	--	97.37	92.286	--	--
TOTAL	**2936**	**523.441**	**--**	**--**	**8183.933**	**--**	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2013

(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	31.03.14	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	24.02.14	08.14	Stopped due to low demand and high frequency
		24.02.14	16.16	24.02.14	20.11	MS-2 valve closed
		28.02.14	14.55	28.02.14	16.09	Turbine tripped
		15.03.14	18.00	31.03.14	04.40	Stopped due to low demand and high frequency

(B) Gas Turbine

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	**30**	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	
		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	Stopped due to low demand and high frequency
		23.10.13	13:15	15.02.14	15.01	
		17.02.14	16.58	27.02.14	13.37	
		28.02.14	18.06	18.03.14	03.32	
		27.03.14	13.10	31.03.14	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	01.02.14	17.00	Stopped due to low demand and high frequency
		01.02.14	17.00	31.03.14	23.59	Machine stopped due to high viberation

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	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
		14.02.14	04.20	14.02.14	20.15	
		20.02.14	00.06	20.02.14	18.15	
		21.02.14	16.23	21.02.14	17.51	Machine tripped due to loss of excitation
		21.02.14	17.51	27.02.14	14.36	Stopped due to low demand and high frequency
		27.02.14	18.05	28.02.14	15.55	
		28.02.14	22.16	01.03.14	16.25	
		02.03.14	14.22	02.03.14	15.40	Tripped on electrical trouble normal shutdown
		06.03.14	17.59	06.03.14	18.18	Machine tripped due to grid disturbance
		07.03.14	15.20	18.03.14	12.32	Stopped due to low demand and high frequency
		21.03.14	05.25	21.03.14	06.01	Tripped on loss of flame
		27.03.14	16.38	31.03.14	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
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
		20.02.14	18.56	27.02.14	15.38	
		27.02.14	19.04	28.02.14	12.26	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	30	06.03.14	17.59	06.03.14	20.37	Machine tripped due to grid disturbance
		06.03.14	21.30	06.03.14	22.10	Machine stopped due to heavy smoke observed from bombustion chamber
		06.03.14	22.10	18.03.14	05.45	Stopped due to low demand and high frequency
		18.03.14	05.45	18.03.14	11.50	
		18.03.14	11.57	18.03.14	16.45	
		18.03.14	16.55	21.03.14	18.05	
		21.03.14	18.20	27.03.14	18.30	
		27.03.14	18.30	31.03.14	23.59	Machine is under shutdown for HGPI

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.
		12.02.14	00.02	17.02.14	16.20	
		27.02.14	12.00	27.02.14	20.00	Machine tripped due to grid disturbance
		27.02.14	20.00	28.02.14	15.45	Machine could not be takeno on load due to problem in diesel engine
		28.02.14	20.45	07.03.14	14.15	Stopped due to low demand and high frequency
		11.03.14	22.23	11.03.14	22.36	Machine came on FSNL due to grid disturbance
		18.03.14	06.40	27.03.14	10.15	Machine tripped due to grid disturbance

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

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
6	30	16.01.14	07:25	16.01.14	08:25	Machine tripped on loss of exciatation.
		31.01.14	20:30	01.02.14	15.46	Stopped due to low demand and high frequency.
		11.02.14	20.20	14.02.14	20.15	
		14.02.14	20.15	15.02.14	14.00	Diesel engine speed could not be increased after 1200RPM so machine could not be taken on load
		15.02.14	14.00	17.02.14	11.02	Stopped due to low demand and high frequency.
		20.02.14	00.04	21.02.14	17.51	
		27.02.14	12.00	27.02.14	17.04	Machine tripped due to grid disturbance
		28.02.14	15.15	01.03.14	01.30	Stopped due to low demand and high frequency.
		01.03.14	17.15	05.03.14	22.10	
		11.03.14	22.23	11.03.14	22.39	Machine came on FSNL due to grid disturbanace
		16.03.14	19.30	16.03.14	22.10	Machine tripped
		18.03.14	06.40	27.03.14	15.05	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	11.02.14	20.07	Stopped due to low demand and high frequency
		17.02.14	16.58	27.02.14	21.02	
		28.02.14	18.06	18.03.14	07.13	
		18.03.14	11.55	18.03.14	14.20	Machine tripped on Brg #3 vibration high
		27.03.14	13.20	31.03.14	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.
		21.02.14	17.51	27.02.14	20.00	Stopped due to low demand and high frequency.
		27.02.14	20.00	28.02.14	15.05	Machine could not be taken on load due to Problem in ESV
		06.03.14	17.59	06.03.14	18.58	Machine tripped due to grid disturbance
		07.03.14	15.20	18.03.14	05.45	Stopped due to low demand and high frequency
		18.03.14	05.45	18.03.14	11.15	Machine not taken on load
		18.03.14	11.15	18.03.14	15.50	Stopped due to low demand and high frequency
		19.03.14	16.10	19.03.14	17.32	Machine tripped on both boiler trip alarm
		21.03.14	05.25	21.03.14	07.02	Machine tripped due to tripping of G.T.-3
		27.03.14	16.45	31.03.14	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-3	30	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)
		12.02.14	00.02	13.02.14	23.59	Machine stopped to attend various leakages

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-3	30	14.02.14	00.00	14.02.14	20.15	Stopped due to low demand and high frequency.
		14.02.14	20.15	15.02.14	14.00	Machine could not be taken on load due to misc. problem
		15.02.14	14.00	17.02.14	15.35	Stopped due to low demand and high frequency.
		27.02.14	12.00	27.02.14	20.42	Machine tripped due to grid disturbance
		28.02.14	15.17	28.02.14	23.59	Stopped due to low demand and high frequency.
		01.03.14	03.15	07.03.14	02.15	Stopped due to low demand and high frequency
		11.03.14	22.23	11.03.14	23.46	Machine tripped as both 160MVA Tr. Tripped
		17.03.14	23.20	25.03.14	15.15	Machine tripped on both boiler trip. High exhaust steam Pr. Anf main steam temperature low alarm
		25.03.14	15.15	27.03.14	12.58	Machine available but not taken on load as no schedule SLDC.

(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
		25.02.14	12.00	26.02.14	19.30	Stopped due to Boroscopic Inspection
		11.03.14	22.28	12.03.14	05.25	Machine tripped due to grid disturbance
		29.03.14	08.32	29.03.14	08.32	Tripped on internal fault

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
		16.03.14	16.40	18.03.14	10.10	Stopped due to low demand and high frequency.

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
		11.03.14	22.38	11.03.14	24.00	STG tripped due to grid disturbance
		12.03.14	00.00	13.03.14	21.38	STG tripped due to grid disturbance but cluld not be started due to rotor ceased
		19.03.14	19.47	19.03.14	23.45	Tripped on internal fault

(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
		12.02.14	18.24	03.03.14	20.59	

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	
		12.02.14	12.01	03.03.14	23.13	Stopped due to low demand and high frequency
		24.03.14	15.03	24.03.14	20.57	AVR & Excitation system problem

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	10.02.14	14.16	Stopped due to low demand and high frequency
		11.03.14	01.10	11.03.14	21.15	Economizer tube leakage
		11.03.14	21.15	31.03.14	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
		10.02.14	06.08	11.02.14	15.15	Water wall tube leakage
		11.02.14	15.15	12.02.14	07.17	3.3/6.6/11kV Bus/Breaker problem
		05.03.14	02.11	31.03.14	23.59	Planned shutdown

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
		04.03.14	00.30	05.03.14	01.07	Stopped for electrical testing
		20.03.14	17.52	20.03.14	20.08	PA Fan motor problem

(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	31.03.14	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	31.03.14	23:59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	216	28.10.13	00.00	31.03.14	23:59	Commissioned on 28.10.13 and Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	216	27.02.14	00.00	31.03.14	23:59	Commissioned on 27.02.14 and Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-1	254	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	31.03.14	23:59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-2	254	27.03.14	00.00	31.03.14	23:59	Commissioned on 27.03.14 and Stopped due to low demand and high frequency

(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	31.03.14	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	31.03.14	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	31.03.14	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. 16.03.2013

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	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	**16807**	**1915**	**3007**	**2680**	**0**	**0**	**2680**
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**	**3249**	**0**	**0**	**3249**

B) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 30.06.2013

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
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
TOTAL	**8782**	**1152**	**2174**	**1902**	**0**	**0**	**1902**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	154	23	20	19	0	0	19
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	**3228**	**195**	**370**	**352**	**0**	**0**	**352**
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	**16230**	**1828**	**2932**	**2593**	**0**	**0**	**2593**
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	**23440**	**2057**	**3453**	**3036**	**0**	**0**	**3036**

C) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 04.07.2013

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
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
TOTAL	**8782**	**1152**	**2174**	**1902**	**0**	**0**	**1902**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
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	**16307**	**1840**	**2941**	**2603**	**0**	**0**	**2603**
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	**23517**	**2069**	**3462**	**3045**	**0**	**0**	**3045**

D) 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**

E) 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**

F) 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**

G) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 27.03.2014

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

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
TOTAL	**9782**	**1302**	**2306**	**2016**	**0**	**0**	**2016**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	180	0	24	23	0	0	23
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	390	50	50	47	0	0	47
TOTAL	**3875**	**256**	**454**	**431**	**0**	**0**	**431**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**17437**	**1974**	**3147**	**2807**	**0**	**0**	**2807**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	377	338	0	0	338
Ultra Mega Projects							
Sasan	1320	0	149	128	0	0	128
Grand Total	**26217**	**2241**	**3933**	**3491**	**0**	**0**	**3491**

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 MARCH 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	10.22.16	52	77	272	0	-5	11	451	858	2471	2149	322	3329	0	3329
2	10.16.09	52	78	271	0	-5	12	367	775	2666	2075	591	3441	87	3528
3	10.02.00	50	77	288	0	-5	11	367	788	2584	2450	134	3372	3	3375
4	09.52.37	51	79	286	0	-5	7	368	786	2658	2488	170	3444	0	3444
5	10.19.12	52	76	281	0	-2	15	377	799	2608	2454	154	3407	0	3407
6	09.57.29	51	78	287	0	-2	19	370	803	2455	2401	54	3258	0	3258
7	10.41.00	54	79	283	0	-2	12	394	820	2566	2347	219	3386	0	3386
8	10.14.48	53	82	284	0	-3	10	384	810	2312	2298	14	3122	42	3164
9	10.17.15	53	80	265	0	-2	12	370	778	2293	2202	91	3071	2	3073
10	10.17.40	53	81	280	0	-2	15	399	826	2275	2246	29	3101	0	3101
11	10.13.15	53	82	281	0	-2	13	324	751	2586	2189	397	3337	0	3337
12	09.54.50	53	83	205	0	-2	13	314	666	2575	2465	110	3241	0	3241
13	10.38.40	51	83	170	0	-1	15	302	620	2581	2406	175	3201	0	3201
14	10.02.52	53	83	268	0	-2	15	299	716	2602	2480	122	3318	21	3339
15	10.24.32	54	81	267	0	-2	15	325	740	2316	2227	89	3056	0	3056
16	09.51.06	0	82	283	0	-3	13	299	674	2215	2262	-47	2889	0	2889
17	19.18.32	0	79	143	0	-3	13	289	521	1777	1855	-78	2298	0	2298
18	19.14.01	0	74	281	0	-3	13	317	682	2116	2112	4	2798	0	2798
19	19.47.51	0	77	265	0	-2	16	306	662	2415	2243	172	3077	0	3077
20	11.04.19	0	76	265	0	-2	12	320	671	2437	2297	140	3108	0	3108
21	10.33.25	0	74	284	0	-2	15	295	666	2471	2406	65	3137	18	3155
22	19.16.32	0	77	279	0	-2	15	304	673	2415	2384	31	3088	0	3088
23	11.01.12	0	78	267	0	-2	14	289	646	2192	2223	-31	2838	0	2838
24	19.02.26	0	75	270	0	-2	13	246	602	2498	2438	60	3100	2	3102
25	18.56.59	0	75	289	0	-2	15	302	679	2441	2423	18	3120	12	3132
26	19.03.10	0	77	291	0	-2	16	250	632	2528	2444	84	3160	21	3181
27	19.25.14	0	80	274	0	-1	16	299	668	2533	2422	111	3201	0	3201
28	10.07.10	0	77	283	0	-2	14	296	668	2553	2473	80	3221	25	3246
29	19.31.13	0	78	285	0	-1	16	318	696	2440	2342	98	3136	21	3157
30	19.36.13	0	78	285	0	-1	16	318	696	2209	2188	21	2905	0	2905
31	19.17.31	0	78	287	0	-2	14	294	671	2460	2498	-38	3131	0	3131

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING MARCH 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	10.22.16	52	77	272	0	-5	11	451	858	2471	2149	322	3329	0	3329
2	10.16.09	52	78	271	0	-5	12	367	775	2666	2075	591	3441	87	3528
3	10.02.00	50	77	288	0	-5	11	367	788	2584	2450	134	3372	3	3375
4	09.52.37	51	79	286	0	-5	7	368	786	2658	2488	170	3444	0	3444
5	10.19.12	52	76	281	0	-2	15	377	799	2608	2454	154	3407	0	3407
6	09.57.29	51	78	287	0	-2	19	370	803	2455	2401	54	3258	0	3258
7	10.41.00	54	79	283	0	-2	12	394	820	2566	2347	219	3386	0	3386
8	10.14.48	53	82	284	0	-3	10	384	810	2312	2298	14	3122	42	3164
9	10.17.15	53	80	265	0	-2	12	370	778	2293	2202	91	3071	2	3073
10	10.17.40	53	81	280	0	-2	15	399	826	2275	2246	29	3101	0	3101
11	10.13.15	53	82	281	0	-2	13	324	751	2586	2189	397	3337	0	3337
12	09.54.50	53	83	205	0	-2	13	314	666	2575	2465	110	3241	0	3241
13	10.38.40	51	83	170	0	-1	15	302	620	2581	2406	175	3201	0	3201
14	10.02.52	53	83	268	0	-2	15	299	716	2602	2480	122	3318	21	3339
15	10.24.32	54	81	267	0	-2	15	325	740	2316	2227	89	3056	0	3056
16	09.51.06	0	82	283	0	-3	13	299	674	2215	2262	-47	2889	0	2889
17	19.18.32	0	79	143	0	-3	13	289	521	1777	1855	-78	2298	0	2298
18	19.14.01	0	74	281	0	-3	13	317	682	2116	2112	4	2798	0	2798
19	19.47.51	0	77	265	0	-2	16	306	662	2415	2243	172	3077	0	3077
20	11.04.19	0	76	265	0	-2	12	320	671	2437	2297	140	3108	0	3108
21	10.33.25	0	74	284	0	-2	15	295	666	2471	2406	65	3137	18	3155
22	19.16.32	0	77	279	0	-2	15	304	673	2415	2384	31	3088	0	3088
23	11.01.12	0	78	267	0	-2	14	289	646	2192	2223	-31	2838	0	2838
24	19.02.26	0	75	270	0	-2	13	246	602	2498	2438	60	3100	2	3102
25	18.56.59	0	75	289	0	-2	15	302	679	2441	2423	18	3120	12	3132
26	19.03.10	0	77	291	0	-2	16	250	632	2528	2444	84	3160	21	3181
27	19.25.14	0	80	274	0	-1	16	299	668	2533	2422	111	3201	0	3201
28	10.07.10	0	77	283	0	-2	14	296	668	2553	2473	80	3221	25	3246
29	19.31.13	0	78	285	0	-1	16	318	696	2440	2342	98	3136	21	3157
30	19.36.13	0	78	285	0	-1	16	318	696	2209	2188	21	2905	0	2905
31	19.17.31	0	78	287	0	-2	14	294	671	2460	2498	-38	3131	0	3131

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

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

A (i) RPH	20.257
(ii) GT+STG	58.782
(iii) PRAGATI	196.561
(iv) RITHALA	0.000
(v) BAWANA CCGT	0.000
(vi) Timarpur – Okhla	11.591
TOTAL	287.191
B) AVAILABILITY FROM BTPS	250.022
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	13.744
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**523.439**

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	8.729	8.460	8.729	8.460
SALAL	28.286	27.418	28.286	27.418
SASAN	77.132	74.757	75.027	72.716
TANKAPUR	0.150	0.146	0.150	0.146
CHAMERA	14.379	13.937	14.379	13.937
CHAMERA -II	9.500	9.208	9.500	9.208
CHAMERA -III	4.577	4.437	4.577	4.437
DHAULIGANGA	0.000	0.000	0.000	0.000
SEWA -2	9.882	9.577	9.882	9.577
URI	31.038	30.080	31.038	30.080
URI-II	14.947	14.476	14.947	14.476
KOTESHWAR	9.252	8.961	9.252	8.961
PARBATI3	0.344	0.334	0.344	0.334
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	20.594	19.935	13.237	12.815
ANTA (RLNG)	9.446	9.148	0.000	0.000
ANTA (LIQUID)	0.000	0.000	0.000	0.000
DADRI (GAS)	42.501	41.157	20.853	20.183
DADRI (RLNG)	24.289	23.524	0.000	0.000
DADRI (LIQUID)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	19.444	18.834	9.065	8.776
AURAIYA (RLNG)	34.424	33.334	0.000	0.000
AURAIYA (LIQUID)	0.000	0.000	0.000	0.000
SINGRAULI	78.795	76.315	77.735	75.286
RIHAND -I	65.349	63.287	60.173	58.279
RIHAND -II	91.400	88.514	85.997	83.284
RIHAND -III	52.102	50.475	48.571	47.054
UNCHAHAR-I	17.260	16.715	14.989	14.514
UNCHAHAR-II	32.864	31.822	29.793	28.849
UNCHAHAR-III	20.272	19.628	17.568	17.008
DADRI (TH)	541.985	524.859	405.335	392.549
DADRI (TH) STAGE-II	546.840	529.570	447.071	432.975
NAPP	19.510	18.896	19.510	18.896
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	40.599	39.317	40.599	39.317
NATHPA JHAKRI	20.959	20.303	15.249	14.771
DULASTI	11.428	11.072	11.428	11.072
TEHRI	23.824	23.072	23.824	23.072
JHAJJAR	280.218	271.370	15.773	15.262
KHELGAON	34.958	33.854	29.619	28.685
KHELGAON-II	111.031	107.528	103.188	99.932
FARAKA	15.773	15.274	14.965	14.490
TALA	0.981	0.950	0.981	0.950
TALCHER	0.000	0.000	0.000	0.000
DVC	125.654	124.243	124.243	120.303

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
DVC 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	177.056	175.076	175.076	169.567
DVC (FOR NDPL) LT-09	0.371	0.366	0.366	0.353
HARYANA (LT-05)	10.335	10.192	10.192	9.869
TO UTTAR PRADESH	-32.578	-33.236	-33.236	-34.320
TO JAMMU & KASHMIR	-138.237	-140.583	-140.583	-145.143
TO TAMILNADU	0.000	0.000	0.000	0.000
TO ANDHRA	-8.354	-8.497	-8.497	-8.774
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO NEPAL	-1.193	-1.232	-1.193	-1.232
TO RAJASTHAN	-60.514	-61.547	-61.547	-63.556
TO MAHARASHTRA	-5.341	-5.456	-5.456	-5.634
TO UTTRANCHAL	-71.612	-73.057	-73.057	-75.440
TO HIMACHAL PRADESH	-56.100	-56.908	-56.908	-58.811
TO WEST BENGAL	-96.524	-97.613	-97.613	-100.562
POWER EXCHANGE(IEX)	0.750	0.725	0.750	0.725
TO POWER EXCHANGE (IEX)	-157.763	-163.136	-157.763	-163.136
POWRER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (PX)	-19.869	-20.516	-19.869	-20.516
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	**2031.145**	**1939.364**	**1366.540**	**1281.464**

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	1597.565	1547.116	1230.388	1191.573
NTPC - ER	161.762	156.655	147.772	143.108
NHPC	133.262	129.146	133.262	129.146
NPC	60.109	58.213	60.109	58.213
SASAN	77.132	74.757	75.027	72.716
KOTESHWAR	9.252	8.961	9.252	8.961
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	20.959	20.303	15.249	14.771
TEHRI	23.824	23.072	23.824	23.072
TALA	0.981	0.950	0.981	0.950
JHAJJAR	280.218	271.370	15.773	15.262
TALCHER	0.000	0.000	0.000	0.000
DVC	125.654	124.243	124.243	120.303
UTTRANCHAL	0.000	0.000	0.000	0.000
HARYANA	0.000	0.000	0.000	0.000
CHATTISHGARH	0.000	0.000	0.000	0.000
DVC CTPS (BRPL)	0.000	0.000	0.000	0.000
DVC CTPS (BYPL)	0.000	0.000	0.000	0.000
DVC CTPS (NDPL)	0.000	0.000	0.000	0.000
METHON POWER (NDPL)-LT-06	177.056	175.076	175.076	169.567
DVC MEJIA (LT-08)(BYPL)	0.000	0.000	0.000	0.000
URS	0.000	0.000	0.000	0.000
RAJASTHAN	0.000	0.000	0.000	0.000
MADHYA PRADESH(WR)	0.000	0.000	0.000	0.000
GUJRAT	0.000	0.000	0.000	0.000
DVC (FOR NDPL) LT-09	0.371	0.366	0.366	0.353
HARYANA (LT -05)	10.335	10.192	10.192	9.869
UTTAR PRADESH	0.000	0.000	0.000	0.000
ORISSA	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	0.750	0.725	0.750	0.725
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**2679.229**	**2601.146**	**2022.262**	**1958.590**

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	0.000	0.000	0.000	0.000
TO ORISSA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	-32.578	-33.236	-33.236	-34.320
TO JAMMU & KASHMIR	-138.237	-140.583	-140.583	-145.143
TO ANDHRA	-8.354	-8.497	-8.497	-8.774
TO TAMILNADU	0.000	0.000	0.000	0.000
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO NEPAL	-1.193	-1.232	-1.193	-1.232
TO RAJASTHAN	-60.514	-61.547	-61.547	-63.556
TO MAHARASHTRA	-5.341	-5.456	-5.456	-5.634
TO UTTRANCHAL	-71.612	-73.057	-73.057	-75.440
TO HIMACHAL PRADESH	-56.100	-56.908	-56.908	-58.811
TO WEST BENGAL	-96.524	-97.613	-97.613	-100.562
TO POWER EXCHANGE (IEX)	-157.763	-163.136	-157.763	-163.136
TO POWER EXCHANGE (PX)	-19.869	-20.516	-19.869	-20.516
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	**-648.085**	**-661.782**	**-655.722**	**-677.125**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**2031.145**	**1939.364**	**1366.540**	**1281.464**
TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS				1798.278
NET CONSUMPTION				**1784.504**
AVAILABILITY WITHIN DELHI				523.439
ACTUAL DRAWAL FROM THE GRID				1261.065
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY				-20.399
LOAD SHEDDING				6.729
UNRESTRICTED DEMAND (GROSS)				1805.007
UNRESTRICTED DEMAND (NET)				1791.233
MAX. NET CONSUMPTION				62.906 ON 27.03.2014
MAX. LOAD SHEDDING				406MW ON 02.03.2014 AT 09.300HRS.
PEAK LOAD	Peak Demand during the month			SHEDDING AT PEAK TIME
DAY PEAK	3444MW AT 09.52.37HRS ON 04.03.2014			0 MW
EVENING PEAK	3201MW AT 19.25.14HRS ON 27.03.2014			0 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH GT PRAGATI RITHALA BAWANA Timarpur Okhla			20.17% 29.26% 80.06% 0.00% 0.00% 97.37%

9 SHEDDING DETAILS DURING THE MONTH OF MARCH 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-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.090	0.038	0.133	0.000
02-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.093	0.283	0.626	0.000
03-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.069	0.016	0.075	0.000
04-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.100	0.000	0.025	0.000
05-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.059	0.000	0.000	0.000
06-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.002	0.000
07-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.115	0.027	0.007	0.000
08-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.090	0.129	0.039	0.000
09-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.050	0.018	0.019	0.000
10-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.053	0.018	0.003	0.000
11-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.027	0.026	0.000	0.000
12-Mar-14	6	0.000	0.014	0.005	0.000	**0.019**	0.134	0.001	0.133	0.000
13-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.047	0.015	0.036	0.000
14-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.031	0.081	0.093	0.000
15-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.038	0.000	0.000	0.000
16-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.021	0.000	0.013	0.000
17-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.009	0.000	0.000	0.000
18-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.021	0.000	0.000	0.000
19-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.047	0.052	0.000	0.000
20-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.133	0.086	0.006	0.000
21-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.056	0.005	0.000	0.000
22-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.029	0.000	0.000
23-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
24-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
25-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
26-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.046	0.000	0.042	0.000
27-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.083	0.042	0.037	0.000
28-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.486	0.329	0.116	0.000
29-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.039	0.015	0.040	0.000
30-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
31-Mar-14	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
TOTAL	**6**	**0.000**	**0.014**	**0.005**	**0.000**	**0.019**	**1.937**	**1.210**	**1.445**	**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-Mar-14	0.028	0.000	0.000	0.000	**0.289**	**0.289**	0.002	0.011	0.005	0.000	0.000
02-Mar-14	0.000	0.000	0.000	0.000	**1.002**	**1.002**	0.004	0.013	0.000	0.000	0.000
03-Mar-14	0.000	0.000	0.000	0.000	**0.160**	**0.160**	0.000	0.000	0.000	0.000	0.000
04-Mar-14	0.000	0.000	0.000	0.000	**0.125**	**0.125**	0.000	0.000	0.000	0.000	0.000
05-Mar-14	0.000	0.000	0.000	0.000	**0.059**	**0.059**	0.000	0.000	0.004	0.000	0.000
06-Mar-14	0.000	0.000	0.000	0.000	**0.002**	**0.002**	0.000	0.000	0.000	0.000	0.000
07-Mar-14	0.000	0.000	0.000	0.000	**0.149**	**0.149**	0.000	0.082	0.000	0.000	0.000
08-Mar-14	0.000	0.000	0.000	0.000	**0.258**	**0.258**	0.000	0.000	0.000	0.000	0.000
09-Mar-14	0.000	0.000	0.000	0.000	**0.087**	**0.087**	0.000	0.000	0.000	0.000	0.000
10-Mar-14	0.000	0.000	0.000	0.000	**0.074**	**0.074**	0.000	0.000	0.000	0.000	0.000
11-Mar-14	0.000	0.000	0.000	0.000	**0.053**	**0.053**	0.002	0.000	0.000	0.003	0.000
12-Mar-14	0.000	0.000	0.000	0.000	**0.268**	**0.287**	0.000	0.036	0.000	0.000	0.000
13-Mar-14	0.000	0.000	0.000	0.000	**0.098**	**0.098**	0.000	0.000	0.000	0.000	0.000
14-Mar-14	0.000	0.000	0.000	0.000	**0.205**	**0.205**	0.000	0.000	0.000	0.000	0.000
15-Mar-14	0.000	0.000	0.000	0.000	**0.038**	**0.038**	0.000	0.000	0.007	0.000	0.000
16-Mar-14	0.000	0.000	0.000	0.000	**0.034**	**0.034**	0.000	0.000	0.000	0.000	0.000
17-Mar-14	0.000	0.000	0.000	0.000	**0.009**	**0.009**	0.006	0.000	0.000	0.000	0.000
18-Mar-14	0.000	0.000	0.000	0.000	**0.021**	**0.021**	0.000	0.000	0.000	0.000	0.000
19-Mar-14	0.000	0.000	0.000	0.000	**0.099**	**0.099**	0.000	0.000	0.000	0.000	0.000
20-Mar-14	0.000	0.000	0.000	0.000	**0.225**	**0.225**	0.000	0.000	0.006	0.000	0.000
21-Mar-14	0.000	0.000	0.000	0.000	**0.061**	**0.061**	0.000	0.000	0.000	0.000	0.000
22-Mar-14	0.000	0.000	0.000	0.000	**0.029**	**0.029**	0.000	0.000	0.000	0.000	0.000
23-Mar-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.041	0.001	0.000	0.000
24-Mar-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
25-Mar-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
26-Mar-14	0.000	0.000	0.000	0.000	**0.088**	**0.088**	0.000	0.002	0.000	0.000	0.000
27-Mar-14	0.000	0.000	0.000	0.000	**0.162**	**0.162**	0.000	0.000	0.000	0.000	0.000
28-Mar-14	0.000	0.000	0.000	0.000	**0.931**	**0.931**	0.000	0.000	0.000	0.000	0.000
29-Mar-14	0.000	0.000	0.000	0.000	**0.094**	**0.094**	0.000	0.004	0.000	0.000	0.000
30-Mar-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
31-Mar-14	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
TOTAL	**0.028**	**0.000**	**0.000**	**0.000**	**4.620**	**4.639**	**0.014**	**0.189**	**0.023**	**0.003**	**0.000**

ALL FIGURES IN MUs

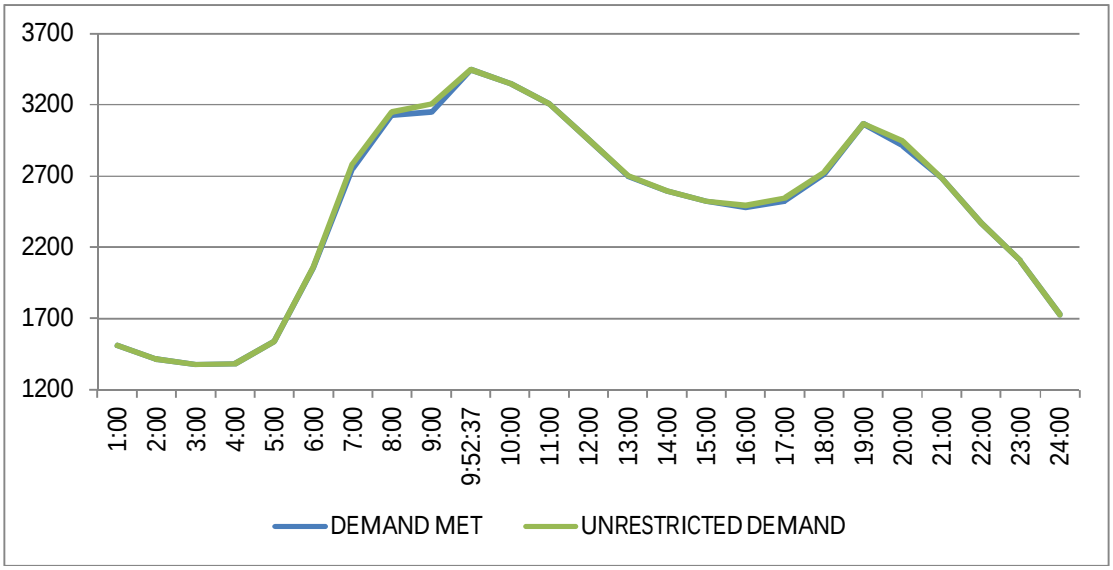
DATE	DUE TO T&D CONTRAINTS				OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.	THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	DISCOMS									
	BSES		NDPL	NDMC		BSES		NDPL		
	BYPL	BRPL				BYPL	BRPL			
1	23	24	25		26	27	28	29	30=18 to29	31=30+17
01-Mar-14	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.035	**0.081**	**0.370**
02-Mar-14	0.000	0.015	0.001	0.000	0.000	0.000	0.000	0.015	**0.048**	**1.050**
03-Mar-14	0.000	0.006	0.038	0.000	0.000	0.000	0.000	0.022	**0.066**	**0.226**
04-Mar-14	0.007	0.049	0.000	0.000	0.000	0.033	0.000	0.020	**0.109**	**0.234**
05-Mar-14	0.014	0.021	0.000	0.000	0.000	0.000	0.000	0.023	**0.062**	**0.121**
06-Mar-14	0.014	0.000	0.005	0.000	0.000	0.062	0.000	0.021	**0.102**	**0.104**
07-Mar-14	0.021	0.019	0.005	0.000	0.000	0.000	0.000	0.029	**0.156**	**0.305**
08-Mar-14	0.014	0.000	0.000	0.000	0.000	0.054	0.000	0.029	**0.097**	**0.355**
09-Mar-14	0.009	0.050	0.001	0.000	0.006	0.000	0.000	0.018	**0.084**	**0.171**
10-Mar-14	0.004	0.012	0.030	0.000	0.000	0.029	0.000	0.000	**0.075**	**0.149**
11-Mar-14	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.031	**0.080**	**0.133**
12-Mar-14	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.027	**0.088**	**0.375**
13-Mar-14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041	**0.041**	**0.139**
14-Mar-14	0.050	0.148	0.000	0.000	0.000	0.032	0.000	0.006	**0.236**	**0.441**
15-Mar-14	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.009**	**0.047**
16-Mar-14	0.009	0.004	0.000	0.000	0.000	0.000	0.000	0.009	**0.022**	**0.056**
17-Mar-14	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	**0.020**	**0.029**
18-Mar-14	0.015	0.000	0.003	0.000	0.000	0.031	0.000	0.000	**0.049**	**0.070**
19-Mar-14	0.005	0.000	0.001	0.000	0.000	0.000	0.000	0.012	**0.018**	**0.117**
20-Mar-14	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.018	**0.047**	**0.272**
21-Mar-14	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.016	**0.036**	**0.097**
22-Mar-14	0.020	0.015	0.008	0.000	0.000	0.000	0.000	0.000	**0.043**	**0.072**
23-Mar-14	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.043**	**0.043**
24-Mar-14	0.005	0.020	0.002	0.000	0.017	0.000	0.000	0.000	**0.044**	**0.044**
25-Mar-14	0.023	0.076	0.003	0.000	0.000	0.000	0.000	0.000	**0.102**	**0.102**
26-Mar-14	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.030	**0.079**	**0.167**
27-Mar-14	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	**0.004**	**0.166**
28-Mar-14	0.026	0.103	0.020	0.000	0.000	0.000	0.000	0.015	**0.164**	**1.095**
29-Mar-14	0.000	0.006	0.018	0.000	0.000	0.000	0.000	0.012	**0.040**	**0.134**
30-Mar-14	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	**0.005**	**0.005**
31-Mar-14	0.021	0.008	0.001	0.000	0.000	0.000	0.000	0.010	**0.040**	**0.040**
TOTAL	**0.304**	**0.671**	**0.183**	**0.000**	**0.023**	**0.241**	**0.000**	**0.439**	**2.090**	**6.729**

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-Mar-14	58.710	**3329**	10:22:16	0	**3329**	**3329**	10:22:16	**3329**	0
02-Mar-14	55.499	**3441**	10:16:09	87	**3528**	**3528**	10:16:09	**3441**	87
03-Mar-14	58.860	**3372**	10:02	3	**3375**	**3375**	10:02	**3372**	3
04-Mar-14	58.505	**3444**	09:52:37	0	**3444**	**3444**	09:52:37	**3444**	0
05-Mar-14	59.139	**3407**	10:19:12	0	**3407**	**3407**	10:19:12	**3407**	0
06-Mar-14	58.312	**3258**	09:57:29	0	**3258**	**3258**	09:57:29	**3258**	0
07-Mar-14	58.940	**3386**	10:41:00	0	**3386**	**3386**	10:41:00	**3386**	0
08-Mar-14	55.901	**3122**	10:14:48	42	**3164**	**3164**	10:14:48	**3122**	42
09-Mar-14	53.990	**3071**	10:17:15	2	**3073**	**3073**	10:17:15	**3071**	2
10-Mar-14	56.289	**3101**	10:17:40	0	**3101**	**3101**	10:17:40	**3101**	0
11-Mar-14	58.205	**3337**	10:13:15	0	**3337**	**3337**	10:13:15	**3337**	0
12-Mar-14	58.417	**3241**	09:54:50	0	**3241**	**3241**	09:54:50	**3241**	0
13-Mar-14	57.219	**3201**	10:38:40	0	**3201**	**3201**	10:38:40	**3201**	0
14-Mar-14	59.423	**3318**	10:02:52	21	**3339**	**3339**	10:02:52	**3318**	21
15-Mar-14	55.642	**3056**	10:24:32	0	**3056**	**3056**	10:24:32	**3056**	0
16-Mar-14	51.267	**2889**	09:51:06	0	**2889**	**2889**	09:51:06	**2889**	0
17-Mar-14	44.332	**2298**	19:18:32	0	**2298**	**2298**	19:18:32	**2298**	0
18-Mar-14	50.128	**2798**	19:14:01	0	**2798**	**2798**	19:14:01	**2798**	0
19-Mar-14	57.733	**3077**	19:47:51	0	**3077**	**3077**	19:47:51	**3077**	0
20-Mar-14	58.029	**3108**	11:04:19	0	**3108**	**3108**	11:04:19	**3108**	0
21-Mar-14	60.120	**3137**	10:33:25	18	**3155**	**3155**	10:33:25	**3137**	18
22-Mar-14	59.486	**3088**	19:16:32	0	**3088**	**3088**	19:16:32	**3088**	0
23-Mar-14	55.063	**2838**	11:01:12	0	**2838**	**2838**	11:01:12	**2838**	0
24-Mar-14	58.711	**3100**	19:02:26	2	**3102**	**3102**	19:02:26	**3100**	2
25-Mar-14	61.050	**3120**	18:56:59	12	**3132**	**3132**	18:56:59	**3120**	12
26-Mar-14	61.553	**3160**	19:03:10	21	**3181**	**3181**	19:03:10	**3160**	21
27-Mar-14	62.906	**3201**	19:25:14	0	**3201**	**3201**	19:25:14	**3201**	0
28-Mar-14	61.970	**3221**	10:07:10	25	**3246**	**3246**	10:07:10	**3221**	25
29-Mar-14	60.979	**3136**	19:31:13	21	**3157**	**3157**	19:31:13	**3136**	21
30-Mar-14	57.531	**2905**	19:36:13	0	**2905**	**2905**	19:36:13	**2905**	0
31-Mar-14	60.595	**3131**	19:17:31	0	**3131**	**3131**	19:17:31	**3131**	0
TOTAL	**1784.504**	**3444** **04.03.14**	09:52:37	0	**3528** 02.03.14		10:16:09	**3441**	87

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING MARCH 2014 ON 04.03.2014- 3444MW AT 09.52.37HRS.

All figures in MW

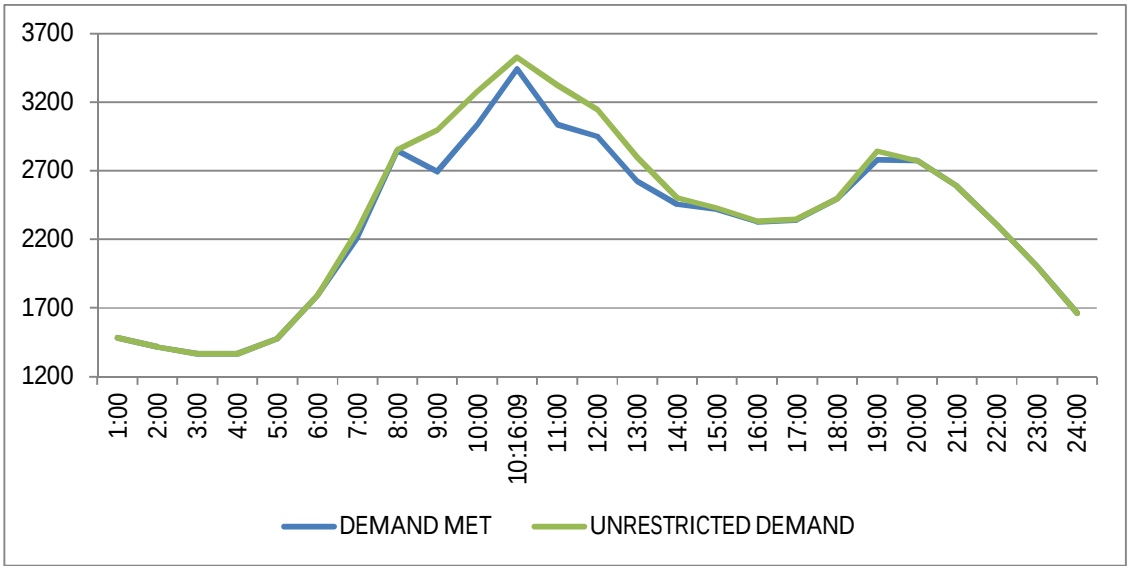
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	1511	0	1511
2:00	1417	0	1417
3:00	1379	0	1379
4:00	1381	0	1381
5:00	1541	0	1541
6:00	2054	8	2062
7:00	2749	38	2787
8:00	3125	22	3147
9:00	3150	55	3205
9:52:37	3444	0	3444
10:00	3348	0	3348
11:00	3206	0	3206
12:00	2954	2	2956
13:00	2699	2	2701
14:00	2592	2	2594
15:00	2523	2	2525
16:00	2480	12	2492
17:00	2522	22	2544
18:00	2717	12	2729
19:00	3066	0	3066
20:00	2911	33	2944
21:00	2683	0	2683
22:00	2368	0	2368
23:00	2103	0	2103
24:00	1729	0	1729
TOTAL	**58.505**	**0.234**	**58.739**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING MARCH 2014 ON 02.03.2014- 3528MW at 10.16.09HRS.

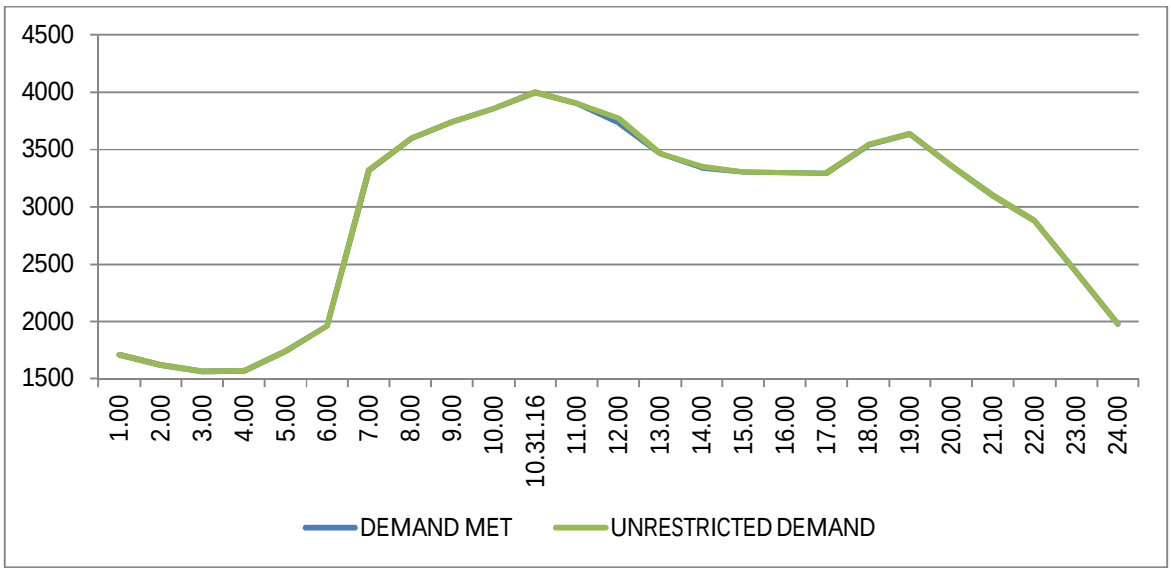
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	1480	0	1480
2:00	1418	0	1418
3:00	1365	0	1365
4:00	1368	0	1368
5:00	1473	0	1473
6:00	1793	0	1793
7:00	2214	52	2266
8:00	2847	1	2848
9:00	2692	305	2997
10:00	3030	246	3276
10:16:09	3441	87	3528
11:00	3035	286	3321
12:00	2948	195	3143
13:00	2623	171	2794
14:00	2456	46	2502
15:00	2421	5	2426
16:00	2330	5	2335
17:00	2342	5	2347
18:00	2494	0	2494
19:00	2776	63	2839
20:00	2772	0	2772
21:00	2587	0	2587
22:00	2306	0	2306
23:00	2007	0	2007
24:00	1661	0	1661
TOTAL	**55.499**	**1.050**	**56.549**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING MARCH 2014 – 27.03.2014 – 62.906Mus All figures in MW

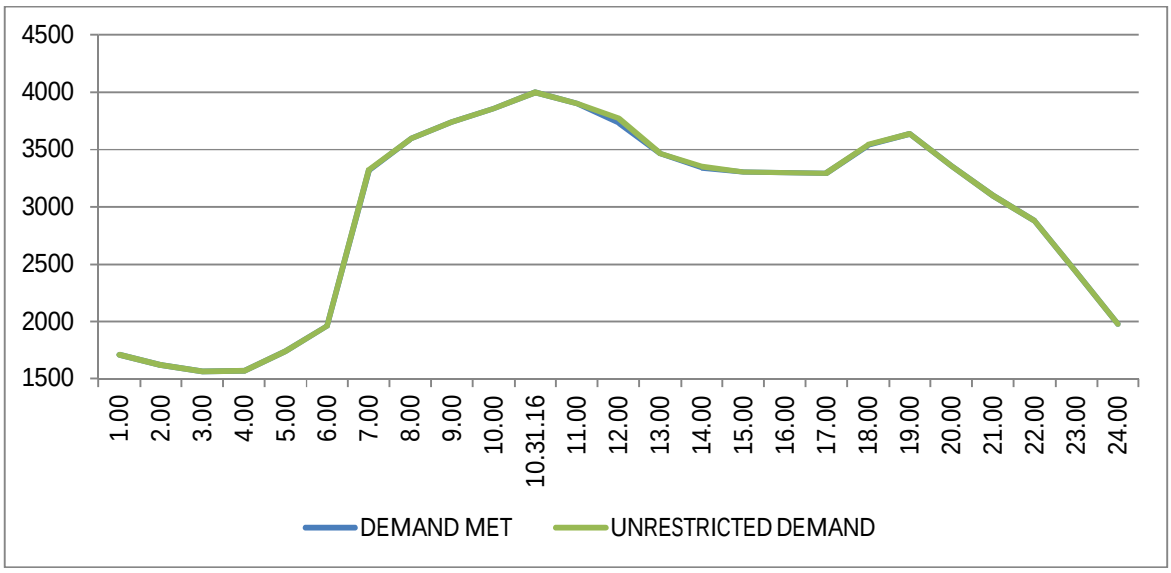
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	1935	0	1935
2:00	1841	28	1869
3:00	1802	0	1802
4:00	1803	0	1803
5:00	1893	0	1893
6:00	2069	112	2181
7:00	2544	0	2544
8:00	2780	0	2780
9:00	2831	0	2831
10:00	3079	0	3079
11:00	3081	0	3081
12:00	3021	0	3021
13:00	2873	0	2873
14:00	2811	0	2811
15:00	2833	0	2833
16:00	2826	0	2826
17:00	2861	0	2861
18:00	2901	0	2901
19:00	3075	70	3145
20:00	3086	16	3102
21:00	2780	0	2780
22:00	2577	0	2577
23:00	2319	0	2319
24:00	2085	0	2085
TOTAL	**62.906**	**0.166**	**63.072**



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING MARCH 2014 – 27.03.2014 – 63.072 Mus

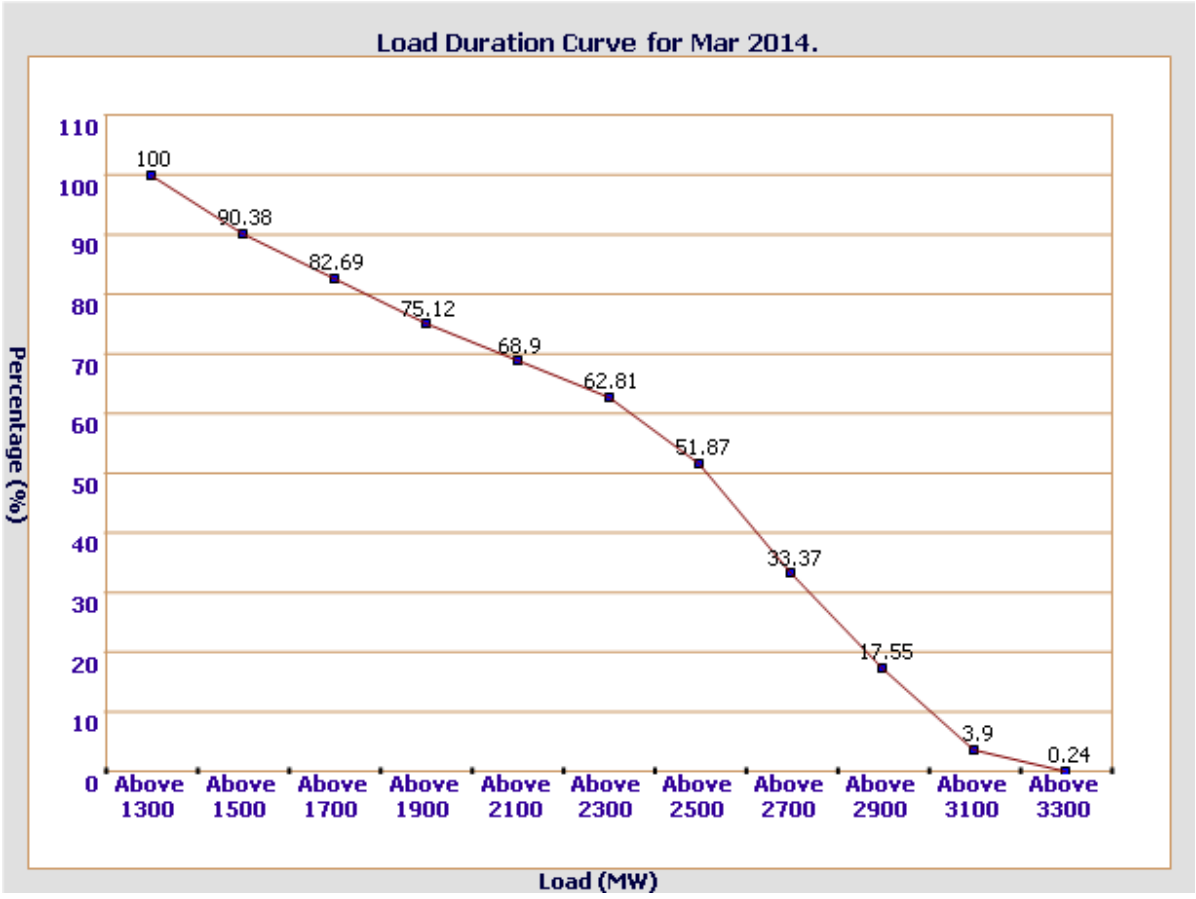
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	1935	0	1935
2:00	1841	28	1869
3:00	1802	0	1802
4:00	1803	0	1803
5:00	1893	0	1893
6:00	2069	112	2181
7:00	2544	0	2544
8:00	2780	0	2780
9:00	2831	0	2831
10:00	3079	0	3079
11:00	3081	0	3081
12:00	3021	0	3021
13:00	2873	0	2873
14:00	2811	0	2811
15:00	2833	0	2833
16:00	2826	0	2826
17:00	2861	0	2861
18:00	2901	0	2901
19:00	3075	70	3145
20:00	3086	16	3102
21:00	2780	0	2780
22:00	2577	0	2577
23:00	2319	0	2319
24:00	2085	0	2085
TOTAL	**62.906**	**0.166**	**63.072**



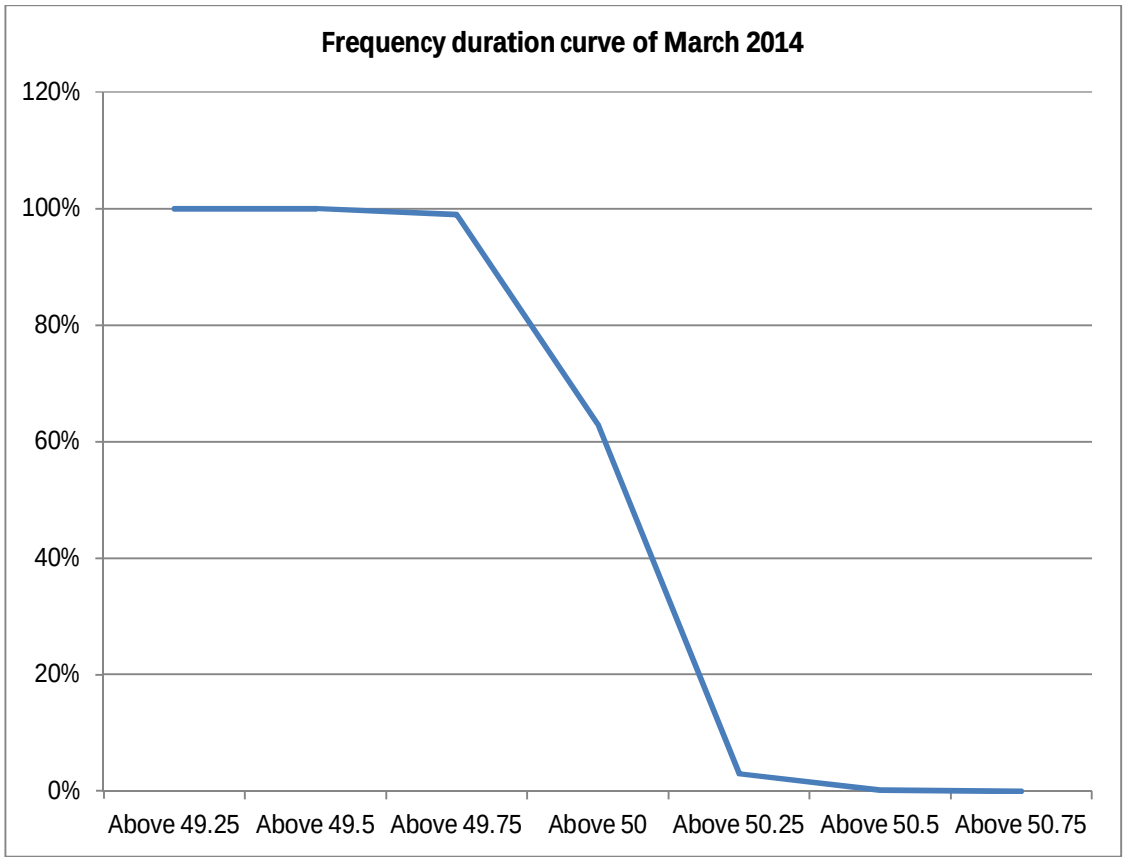
14 LOAD DURATION CURVE FOR MARCH 2014

Load in MW	Percentage of Time
Above 1300	100 %
Above 1500	90.38 %
Above 1700	82.69 %
Above 1900	75.12 %
Above 2100	68.9 %
Above 2300	62.81 %
Above 2500	51.87 %
Above 2700	33.37 %
Above 2900	17.55 %
Above 3100	3.9 %
Above 3300	0.24 %



15 FREQUENCY ANALYSIS FOR THE MONTH OF MARCH 2014

Frequency Range in Hz.	Percentage of time
Above 49.25	100 %
Above 49.5	99.99 %
Above 49.75	98.94 %
Above 50	62.97 %
Above 50.25	3.02 %
Above 50.5	0.21 %
Above 50.75	0 %



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-Mar-14	233.69	221.18	236.27	221.83
02-Mar-14	234.47	222.34	237.17	226.34
03-Mar-14	233.31	219.89	237.17	223.12
04-Mar-14	232.40	218.99	235.63	222.99
05-Mar-14	234.60	219.76	236.40	223.50
06-Mar-14	234.08	228.28	236.92	222.47
07-Mar-14	--	--	--	--
08-Mar-14	233.18	220.54	238.21	224.15
09-Mar-14	232.53	220.41	237.56	--
10-Mar-14	234.08	221.18	240.14	226.08
11-Mar-14	233.43	221.57	239.75	225.70
12-Mar-14	234.60	218.47	242.72	222.09
13-Mar-14	--	--	--	--
14-Mar-14	231.50	217.70	237.17	222.99
15-Mar-14	231.11	219.25	237.05	222.34
16-Mar-14	226.21	226.21	236.66	225.05
17-Mar-14	233.05	223.38	237.17	226.86
18-Mar-14	233.69	223.50	237.82	224.92
19-Mar-14	231.50	220.15	234.47	222.21
20-Mar-14	231.24	218.35	235.11	219.64
21-Mar-14	230.86	218.99	235.76	222.21
22-Mar-14	231.50	218.35	235.63	220.92
23-Mar-14	234.24	220.41	235.63	226.08
24-Mar-14	233.95	219.76	239.24	--
25-Mar-14	233.18	218.60	236.66	222.21
26-Mar-14	231.11	218.60	236.40	221.05
27-Mar-14	232.02	218.47	236.92	222.86
28-Mar-14	--	--	--	--
29-Mar-14	--	--	--	--
30-Mar-14	--	--	--	--
31-Mar-14	231.11	217.18	235.63	220.80

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

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Mar-14	422.79	23.53.27	400.51	08.19.54	412.41
02-Mar-14	423.02	00.00.07	403.09	06.40.57	414.81
03-Mar-14	421.85	01.09.41	400.74	18.44.25	412.11
04-Mar-14	420.67	03.24.15	399.81	09.46.15	410.85
05-Mar-14	423.96	03.24.15	401.68	18.53.10	412.66
06-Mar-14	425.13	04.03.20	400.74	18.56.51	409.49
07-Mar-14	--	--	--	--	--
08-Mar-14	422.79	03.58.29	398.40	18.51.48	410.36
09-Mar-14	421.85	23.39.47	400.78	08.36.00	412.16
10-Mar-14	427.24	23.46.02	404.03	18.55.57	416.26
11-Mar-14	426.30	02.20.20	404.49	07.30.56	416.26
12-Mar-14	426.07	03.59.51	396.76	06.51.50	412.46
13-Mar-14	--	--	--	--	--
14-Mar-14	423.02	03.36.23	401.45	06.55.22	409.94
15-Mar-14	422.08	04.00.31	400.51	09.51.31	410.92
16-Mar-14	422.08	04.02.57	404.03	06.28.25	412.42
17-Mar-14	422.08	01.01.24	405.67	18.51.31	415.54
18-Mar-14	423.02	02.57.46	403.32	19.13.21	413.28
19-Mar-14	420.67	00.28.27	400.98	18.56.48	410.89
20-Mar-14	420.91	03.02.34	399.57	18.41.14	409.43
21-Mar-14	420.67	04.04.04	398.63	09.43.32	409.28
22-Mar-14	420.67	04.02.31	395.82	18.58.21	408.39
23-Mar-14	420.44	23.50.03	402.62	08.19.34	411.15
24-Mar-14	424.90	01.04.17	399.57	18.51.45	412.59
25-Mar-14	420.67	04.02.25	397.23	18.56.49	410.83
26-Mar-14	421.38	02.44.34	397.46	19.22.11	410.55
27-Mar-14	421.85	--	393.94	--	411.56
28-Mar-14	--	--	--	--	--
29-Mar-14	--	--	--	--	--
30-Mar-14	--	--	--	--	--
31-Mar-14	420.21	03.30.18	396.76	19.23.12	408.62

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Mar-14	429.12	01.01.30	410.36	18.38.12	420.21
02-Mar-14	429.59	03.00.36	410.12	06.41.57	422.05
03-Mar-14	428.65	01.52.53	408.72	18.44.15	419.06
04-Mar-14	426.77	03.02.14	406.37	09.46.15	417.23
05-Mar-14	429.82	03.02.14	409.18	09.46.15	418.67
06-Mar-14	429.59	04.03.20	--	09.35.47	415.13
07-Mar-14	--	--	--	--	--
08-Mar-14	428.41	03.58.09	408.48	18.54.57	417.23
09-Mar-14	426.54	20.55.08	409.65	06.48.44	417.80
10-Mar-14	430.29	03.58.21	411.06	18.56.18	421.46
11-Mar-14	431.93	21.39.11	409.65	06.35.33	421.34
12-Mar-14	432.16	04.01.21	403.09	06.33.10	419.13
13-Mar-14	--	--	--	--	--
14-Mar-14	427.47	03.35.53	406.37	06.54.32	415.89
15-Mar-14	426.77	04.02.52	407.78	06.37.30	417.53
16-Mar-14	427.71	01.55.51	409.65	06.27.55	419.17
17-Mar-14	428.88	15.16.59	413.41	06.26.01	422.60
18-Mar-14	428.41	23.54.26	411.53	18.56.10	419.88
19-Mar-14	427.71	00.00.06	409.65	18.56.48	418.43
20-Mar-14	426.30	03.01.23	407.31	09.23.34	415.96
21-Mar-14	426.54	02.59.20	407.54	10.17.24	416.40
22-Mar-14	426.77	04.01.11	405.67	18.58.11	415.94
23-Mar-14	426.77	23.49.43	410.12	08.18.04	418.52
24-Mar-14	430.99	03.29.54	408.95	18.51.55	420.31
25-Mar-14	428.65	04.02.25	406.84	19.11.10	418.96
26-Mar-14	427.47	04.12.40	407.31	19.10.50	417.95
27-Mar-14	427.47	--	408.48	18.52.21	418.64
28-Mar-14	--	--	--	--	--
29-Mar-14	--	--	--	--	--
30-Mar-14	--	--	--	--	--
31-Mar-14	426.54	01.58.11	405.20	19.22.12	415.37

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 MARCH 2014

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	01-03-2014	12:36	220kV BAMNAULI-PAPPANKALAN-II CKT-I	01-03-2014	13:07	WHILE ARRANGING S/D OF ICT-1 AT BAMNAULI CKT TRIPPED ON 186 A&B. NO TRIPPING AT PPK-2.
2	01-03-2014	14:02	220kV GOPALPUR-SUBZI MANDI CKT-II	01-03-2014	15:50	AT GOPALPUR CKT TRIPPED ON D/P,Z-1,RY&B-PH, DIST-4.2KM. NO TRIPPING AT SUBZIMANDI.
3	01-03-2014	14:22	SUBZI MANDI 220/33kV 100MVA Tx-II	01-03-2014	15:50	BIRADGE OCCURED ON TX.
4	02-03-2014	03:48	GOPALPUR 33/11kV, 16MVA Tx-I	02-03-2014	03:55	11KV I/C-1 TRIPPED ON E/F,86.
5	02-03-2014	09:50	220kV PRAGATI - SARITA VIHAR CKT	02-03-2014	09:59	220KV BUS COUPLER TRIPPED WITHOUT INDICATION.
6	02-03-2014	09:50	SARITA VIHAR 220/66kV 100MVA Tx-II	02-03-2014	10:03	TX TRIPPED ON BUS BAR PROTECTION.
7	02-03-2014	12:32	GEETA COLONY 220/33kV 100MVA Tx-I	02-03-2014	16:23	TX TRIPPED ON BIRDAGE.
8	04-03-2014	12:35	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	04-03-2014	17:50	33KV I/C-II TRIPPED ON E/F, CT TOP Y PHASE OF BAY -1 (KILOKARI) MENTED
9	05-03-2014	12:33	220kV GOPALPUR- MANDOLACKT-II	05-03-2014	16:53	AT MANDOLA CKT. TRIPPED ON B PHASE ZONE-I 17.9KM AT GOPALPUR GEN. TRIP, ZONE -1, 4.3KM RY PHASE
10	05-03-2014	19:39	220kV GOPALPUR- MANDOLACKT-I	05-03-2014	20:55	CKT. TRIPPED IN STORM AT GOPALPUR CKT. TRIPPED ON ZONE-I, LOOP-III, DIST 0KMS. AT MANDOLA ZONE-II, DIST PROT., DIST. 20.16KMS.
11	06-03-2014	17:59	PRAGATI 220/66kV 160MVA Tx-I	06-03-2014	18:12	TR. TRIPPED ON 86, 86, 30D, OLTC TRIP, 30B OL TRIP HIGH WINDING TEMP.
12	06-03-2014	17:59	PRAGATI 220/66kV 160MVA Tx-II	06-03-2014	18:20	TR. TRIPPED ON OLTC, BUCHOLZ, PRV, 30E, 30D, HIGH WINDING TEMP, 86, 86
13	07-03-2014	11:09	220kV Maharani Bagh- Electric Lane Ckt-II	07-03-2014	14:44	AT MAHARANI BAGH CKT. TRIPPED ON 86 A&B,TRIP CKT R & B PHASE FAULTY DIFFERENTIAL RELAY AT ELECTRIC LANE NO TRIPPING
14	07-03-2014	13:19	220kV OKHLA - BTPS CKT.- I	07-03-2014	19:12	AT BTPS : CKT. TRIPPED ON Y PHASE E/F, DISTANCE 3.1KMS AT OKHLA RYB PHSAE DISTANCE ZONE -1, DISTANCE 2.94KMS
15	09-03-2014	13:02	220kV GAZIPUR - BTPS CKT	09-03-2014	13:17	AT GAZIPUR : NO TRIPPING AT BTPS : CKT. TRIPPED ON R PHASE, E/F
16	10-03-2014	22:58	OKHLA 33kV BALAJI CKT-II	10-03-2014	23:00	CKT. MADE OFF MANUALLY DUE TO SPARKING OBSERVED AT ISOLATOR
17	11-03-2014	13:13	TRAUMA CENTER 220/33kV 100MVA Tx-I	11-03-2014	18:23	TR. TRIPPED ON BUCHOLZ RELAY & OLTC ALARM
18	11-03-2014	22:25	PRAGATI 220/66kV 160MVA Tx-I	11-03-2014	22:35	TR. TRIPPED ON 96 BCA, 66KV I/C-I TRIPPED ON INTER TRIPPING
19	11-03-2014	22:25	PRAGATI 220/66kV 160MVA Tx-II	11-03-2014	22:38	TR. TRIPPED ON 96T, 66KV I/C-II TRIPPED ON INTER TRIPPING
20	11-03-2014	22:25	220 KV PATPARGANJ - I.P. CKT-I	11-03-2014	23:36	AT PATPARGANJ : CKT. TRIPPED ON DIRECTIONAL EARTH FAULT AT I.P.STN. : NO TRIPPING
21	11-03-2014	22:25	220kV PRAGATI - PARK STREET CKT-I	11-03-2014	23:48	AT PRAGATI : CKT. TRIPPED ON 96, 96, 295C AT : PARK STREET : NO TRIPPING
22	11-03-2014	22:25	220kV PRAGATI - I.P.CKT - I	12-03-2014	00:03	AT PRAGATI : CKT. TRIPPED ON DIST. PROT. ZONE-I, DISTANCE 99.74MTS. , ABC PHASE 96F, 86T, 87T, TRIP AT I.P. : CKT. TRIPPED ON E/F, 86T
23	12-03-2014	14:55	GAZIPUR 220/66kV 100MVA Tx-I	12-03-2014	17:55	TR. TRIPPED WHILE PROT. DEPTT CHECKING PROTECION RELAY ON TRIP CKT. SUPERVISION RELAY
24	14-03-2014	15:45	220kV MEHRAULI - VASANT KUNJ CKT.- II	14-03-2014	15:58	CKT. TRIPPED ON 186 A&B, 96
25	14-03-2014	18:01	220KV WAZIRABAD - MANDOLA CKT-II	14-03-2014	18:11	CKT. TRIPPED WITHOUT INDICATION, CVT AVAILABLE AT WAZIRABAD
26	15-03-2014	14:23	220KV BAWANA-SHALIMARBAGH CKT-I	15-03-2014	14:45	AT SHALIMARBAGH : CKT. TRIPPED ON DIST. PROT. ZONE -I A PHASE, 186A AT BAWANA CKT. TRIPPED ON 186A, 186B, DIST. PROT, A PHASE

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
27	15-03-2014	18:27	220kV GOPALPUR- MANDOLACKT-II	15-03-2014	22:47	AT GOPALPUR CKT. TRIPPED ON RYB PHASE, L3N, ZONE-1, 1.8KM AT MANDOLA : 86RYB PHASE, 186 RB PHSE, ZONE 1, 20KM
28	17-03-2014	08:21	PARKSTREET 220/33kV 100MVA Tx-II	17-03-2014	08:39	TR. TRIPPED ON 86A, 86A, DUE TO ELECTROCUTION OF MONKEY
29	17-03-2014	08:21	PARKSTREET 220/33kV 100MVA Tx-I	17-03-2014	08:39	TR. TRIPPED ON 86A, 86A, DUE TO ELECTROCUTION OF MONKEY
30	18-03-2014	17:10	220 KV TRAUMA CENTER-RIDGE VALLEY CKT-1	18-03-2014	17:25	CKT. TRIPPED ON UNDER VOLTAGE / REF
31	19-03-2014	20:17	GAZIPUR 220/66kV 100MVA Tx-II	20-03-2014	01:35	66KV I/C-II TRIPPED ON O/C 86 WITH 66KV BUS COUPLER
32	21-03-2014	16:58	ELECTRIC LANE 220/33kV 100MVA Tx-I	21-03-2014	17:19	100MVA PR. TR. -I ALONGWITH 33KV I/C-I TRIPPED ON 86
33	22-03-2014	10:48	220 KV PATPARGANJ - I.P. CKT-I	22-03-2014	11:00	AT I.P. CKT. TRIPPED WITHOUT INDICATION AT PATPARGANJ NO TRIPPING
34	23-03-2014	12:05	220kV BAMNAULI-PAPPANKALAN-I CKT-II	23-03-2014	12:22	AT BAMNAULI CKT. TRIPPE DON DIST. PROT. B PHASE 186A&B AT PAPANKALAN -I ONLY SUPPLY FAIL
35	24-03-2014	04:02	ROHINI-II 220/66kV 160MVA Tx-I	24-03-2014	06:56	TR. TRIPPED ON 89A, E, LV 86B
36	24-03-2014	15:03	220kV GAZIPUR - BTPS CKT	24-03-2014	18:10	AT GAZIPUR CKT. TRIPPED ON DIST. PROT. ZONE A AT BTPS CKT. TRIPPED ON R PHASE , E/F , DIST. PROT. 16.6KM
37	24-03-2014	19:42	MEHRAULI 220/66kV 160MVA Tx-I	24-03-2014	21:12	TR. & I/C-IV TRIPPED ON REF HV OPERATED, 186, 186 RELAY ON I/C-IV O/C , E/F
38	25-03-2014	03:18	PAPPANKALAN-I 66/11kV, 20MVA Tx-III	25-03-2014	03:50	11KV I/C-III TRIPPED ON 86, SMOKE OBSERVED IN R PHASE O/C RELAY
39	29-03-2014	01:50	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	29-03-2014	20:50	TR. TRIPPED ON DIFFERENTIAL TRIP, R, Y, B PHASE, LOCKOUT 86
40	29-03-2014	11:22	220kV PRAGATI - SARITA VIHAR CKT	29-03-2014	11:35	CKT. TRIPPED ON A/R, 186A & B, ABC PHASE, ZONE-1, DISTANCE 5.469KMS.

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

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
12.03.14	1	19:22	19:45	LODHI ROAD	33KV INDIAN HABITAT CENTER	FLAT MODE	2
	2	19:22	19:47	OKHLA	33KV BALAJI CKT. I & II	FLAT MODE	9
	3	19:22	19:50	NAJAFGARH	11kV LOAD	FLAT MODE	20
	4	19:22	19:46	GOPALPUR	11kV LOAD	FLAT MODE	3
	5	19:22	19:35	ASHOK VIHAR	11kV LOAD	FLAT MODE	10
	6	19:22	19:37	SHALIMARBAGH	33KV WAZIRPUR -II CKT. -II	FLAT MODE	9