

DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

APRIL - 2010

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SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	APR 2010	APR 2009
1	Effective Generation Capacity within Delhi in MW		
	Rajghat Power House	135	135
	Gas Turbine	270	282
	Pragati Power Corporation Ltd.	330	330
	Badapur Thermal Power Station	705	705
	Total	1440	1440
2	Maximum Unrestricted Demand (MW)	4131	3818
	Date	22.04.10	30.04.09
	Time	15:04:12	15:00:00
3	Peak Demand met (MW)	4116	3690
	Date	29.04.10	30.04.09
	Time	15:16	19:51:37
4	Peak Availability (MW)	4043	3559
5	Shortage (-) / Surplus (+) in MW	(-)73	(-)131
6	Percentage Shortage (-) / Surplus (+)	(-)1.77	(-)3.55
7	Maximum Energy Consume in a day (Mus)	83.991	74.124
8	Energy Consumed during the month	2250.117	1851.379
9	Load Shedding in Mus		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	9.252	0.779
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	1.317	1.210
	BRPL	0.000	16.608
	BYPL	0.000	3.608
	NDMC	0.015	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.000	0.000
	Total due to Grid Restriction	10.584	22.205
B)	Due to Constraints in System in Mus		
	DTL	4.402	1.168
	NDPL	2.566	0.097
	BRPL	2.205	1.021
	BYPL	0.509	0.116
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.099	0.027
	Total	9.781	2.429
11	Grand Total in Mus	20.365	24.634

2. **PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING APRIL 2010**

A) For the month of April 2010

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	RPH	65.19500	7.39900	56.79600	65.72	0.00000
2.	GT	125.02700	4.53100	120.49600	66.84	0.940537
3.	PPCL	210.79000	5.68500	205.10500	88.59	0.000000
4.	BTPS	502.23167	55.24548	446.98619	91.45	0.000000
	TOTAL	903.24367	72.86048	829.38319		0.940537

B) For the Year 2009-10 (Upto April 2010)

Power Station	Effective Capacity (MW)	Net Generation in MUs For April 2010	Availability (%) For April 2010	PLF (%) For April 2010	Cumulative Generation in MUs upto April 2010 for the year 2010-11	Cumulative Availability in % upto April 2010 for the year 2010-11	Cumulative PLF in % upto April 2010 for the year 2010-11
RPH	135	56.79600	65.72	65.72	56.79600	65.72	65.72
GT	282	120.49600	66.84	66.34	120.49600	66.84	66.34
PPCL	330	205.10500	88.59	88.59	205.10500	88.59	88.59
BTPS	705	446.98619	91.45	91.45	446.98619	91.45	91.45
TOTAL	1452	829.38319			829.38319		

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

(A) RPH STATION

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	02.04.10	01.00	02.04.10	01.43	Boiler drum level low
		02.04.10	14.50	02.04.10	16.27	Tripped alongwith trippings of associated transmission lines.
		11.04.10	22.13	11.04.10	23.08	Electrical Problem
		17.04.10	00.56	30.04.10	24.00	Planned shut-down for over-hauling of generator.
2	67.5	02.04.10	14.55	02.04.10	16.45	Tripped alongwith trippings of associated transmission lines.
		20.04.10	13.42	21.04.10	17.12	Low furnace pressure
		28.04.10	18.39	28.04.10	19.23	Low vacuum

(B) Gas Turbine

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	30	NIL				
2	30	NIL				
3	30	NIL				
4	30	01.04.10	00.00	30.04.20	23.59	Electrical trouble
5	30	01.04.10	00.00	01.04.10	01.30	Hydraulic pressure low
		25.04.10	11.32	25.04.10	14.55	To change generator absolute filter.
6	30	16.04.10	11.35	16.04.10	17.16	To clean PHE of GT
STG1	34	07.04.10	12.55	07.04.10	17.35	To attend dearater level problem
		12.04.10	11.52	12.04.10	12.32	Lube oil header pressure low
STG2	34	15.04.10	11.15	15.04.10	18.40	To attend leakage in CPH linie
STG3	34	02.04.10	03.25	07.04.10	05.28	Axial shift alarm appeared
		07.04.10	07.35	07.04.10	07.58	Lube oil pressure low
		09.07.10	21.20	09.04.10	22.32	Plunger coil trip alam
		29.04.10	11.06	29.04.10	15.15	Plunger coil trip alam

(C) PRAGATI STATION

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	NO OUTAGE				
2	104	NO OUTAGE				
STG	122	02.04.10	14.50	02.04.10	16.34	Tripped due to tripping of associated transmission lines

(D) **BADARPUR THERMAL POWER STATION**

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	95	05.04.10	22.04	06.04.10	21.40	Maintenance work
		23.04.10	16.09	23.04.10	21.50	Electrical fault
2	95	NO OUTAGE				
3	95	03.04.10	00.18	03.04.10	05.20	Protection failure
		09.04.10	12.50	09.04.10	16.17	Vacuum low
		30.04.10	02.04	30.04.10	24.00	Annual maintenance
4	210	23.04.10	07.02	24.04.10	19.55	Water valve leakage
5	210	02.04.10	16.29	03.04.10	20.22	Boiler tube leakage
		17.04.10	22.30	18.04.10	12.20	Boiler tube leakage

4 ALLOCATION OF POWER TO DELHI

A) Allocation from Central Sector Generating Stations to Delhi w.e.f. 01.04.2010

i) TIME BLOCK - 00.00hrs & 18.00hrs. and 23.00-24.00hrs @ 0% from unallocated quota of Central Sector Generating Stations

All figures in MW

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	2	3	4	5	6	7	(8)=(5)+(7)
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	0	882	766	0	0	766
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	1005	2321	2029	0	0	2029
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
URI HEP	480	0	53	50	0	0	50
Dhauri Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
TOTAL	2954	154	335	318	0	0	318
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP(B)	440	66	0	0	0	0	0
RAPP (C)	220	32	28	24	0	0	24
TOTAL	1100	162	75	65	0	0	65
SVJNL							
Nathpa Jhakri HEP	1500	149	142	123	0	0	123
THDC							
Tehri Hydro	1000	99	103	89	0	0	89
Total	15336	1569	2976	2625	0	0	2625
Allocation from ER and Tala HEP							
Farakka	1600	0	30	25	0	0	25
Kahalgaon	840	0	63	53	0	0	53
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Meija TPS Unit-6	250	0	29	25	0	0	25
Kahalgaon-II	1000	0	108	90	0	0	90
Total ER	5710	153	260	217	0	0	217
Grand Total	21046	1722	3236	2842	0	0	2842

ii) Time Block 18.00hrs. to 23.00hrs. @ 0% allocation from Central Sector Generating Stations and 3.18% from RAPP-B

All figures in MW

Name of the Stn	Installe d capacit y	Total Un- allocate d	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocate d 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)
<u>NTPC STATIONS</u>							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	0	882	766	0	0	766
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	8292	1005	1880	1646	0	0	2029
<u>NHPC</u>							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
URI HEP	480	0	53	50	0	0	50
Dhauri Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
TOTAL	2954	154	335	318	0	0	318
<u>NPC</u>							
Narora APS	440	64	47	41	0	0	41
RAPP(B)	440	66	0	0	14	12	12
RAPP (C)	220	32	28	24	0	0	24
TOTAL	1100	162	75	65	14	12	77
<u>SVJNL</u>							
Nathpa Jhakri HEP	1500	149	142	123	0	0	123
<u>THDC</u>							
Tehri Hydro	1000	99	103	89	0	0	89
Total	14846	1569	2535	2242	14	12	2638
<u>Allocation from ER and Tala HEP</u>							
Farakka	1600	0	30	25	0	0	25
Kahalgaon	840	0	63	53	0	0	53
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	1000	0	108	90	0	0	90
Total ER	5710	153	260	217	0	0	217
Grand Total	20556	1722	2795	2459	14	12	2854

B) Allocation from Central Sector Generating Stations to Delhi w.e.f. 28.04.2010

i) TIME BLOCK - 00.00hrs & 10.00hrs. and 23.00-24.00hrs @ 0% from unallocated quota of Central Sector Generating Stations

All figures in MW

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocated Quota at Delhi periphery	Total allocation at Delhi periphery
1	2	3	4	5	6	7	(8)=(5)+(7)
<u>NTPC STATIONS</u>							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	0	882	766	0	0	766
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	1005	2321	2029	0	0	2029
<u>NHPC</u>							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
URI HEP	480	0	53	50	0	0	50
Dhaulti Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
TOTAL	2954	154	335	318	0	0	318
<u>NPC</u>							
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
<u>SVJNL</u>							
Nathpa Jhakri HEP	1500	149	142	123	0	0	123
<u>THDC</u>							
Tehri Hydro	1000	99	103	89	0	0	89
Total	15556	1601	3004	2650	0	0	2650
<u>Allocation from ER and Tala HEP</u>							
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
Grand Total	21766	1754	3293	2892	0	0	2892

ii) TIME BLOCK - 18.00-23.00hrs @ 9% from unallocated quota of Central Sector Generating Stations

All figures in MW

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocated Quota at Delhi periphery	Total allocation at Delhi periphery
1	2	3	4	5	6	7	(8)=(5)+(7)
<u>NTPC STATIONS</u>							
Singrauli STPS	2000	300	150	130	20	18	148
Rihand	1000	150	100	87	10	9	96
Rihand Stage -II	1000	150	126	109	10	9	118
ANTA GPS	419	63	44	41	4	4	45
Auriya GPS	663.36	99	72	67	5	4	71
Dadri GPS	829.78	129	91	85	4	4	88
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	0	882	766	0	0	766
Unchahaar-I TPS	420	20	24	21	1	1	22
Unchahaar-II TPS	420	63	47	41	4	4	45
Unchahaar-III TPS	210	31	29	25	2	2	27
TOTAL	8782	1005	2321	2029	61	54	2083
<u>NHPC</u>							
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	4	3	41
URI HEP	480	0	53	50	0	0	50
Dhauri Ganga HEP	280	42	37	35	3	3	38
Dulhasti HEP	390	58	50	48	4	4	51
TOTAL	2954	154	335	318	10	10	328
<u>NPC</u>							
Narora APS	440	64	47	41	4	4	45
RAPP(B) Unit-3 APS	220	33	0	0	7	6	6
RAPP(B) Unit-4 APS	220	33	0	0	7	6	6
RAPP (C)	440	64	56	49	8	7	55
TOTAL	1320	194	103	89	26	22	112
<u>SVJNL</u>							
Nathpa Jhakri HEP	1500	149	142	123	10	10	133
<u>THDC</u>							
Tehri Hydro	1000	99	103	89	7	6	96
Total	15556	1601	3004	2650	114	102	2752
<u>Allocation from ER and Tala HEP</u>							
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
Grand Total	21766	1754	3293	2892	114	102	2994

5 ALLOCATION OF POWER TO DISCOMS

ALLOCATION OF POWER TO VARIOUS LICENCEES 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. 01.01.2010 TO 31.03.2010. ALLOCATION OF 0.9MW HAS BEEN ALLOCATED TO UPCOMING JHAJJHAR PLAT FROM IP STATION. ALLOCATION OF 1 MW POWER FOR AUXILIARY NEEDS OF IP STATION FROM RPH WAS MADE W.E.F. 01.11.2009.

(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. IP	0.00	0.00	0.00	0.00	0.00	100.00
5. RPH	0.86	0.00	28.35	43.04	27.75	100.00
6. GT	0.93	0.00	28.28	42.99	27.80	100.00
7. Pragati	26.69	0.00	20.77	31.76	20.78	100.00
8. DVC	0.00	0.00	29.18	43.58	27.24	100.00

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

SOURCES	LICENSEES					
	NDMC	MES	NDPL	BRPL	BYPL	TOTAL
1. Central Sector without Dadri (Th)	0.00	0.00	29.18	43.58	27.24	100.00
2. Dadri (Th)	14.05	0.00	24.18	36.87	24.90	100.00
3. BTPS	15.07	7.09	21.88	33.37	22.59	100.00
4. IP	0.00	0.00	0.00	0.00	0.00	100.00
5. RPH	0.00	0.00	28.35	43.04	28.61	100.00
6. GT	0.00	0.00	28.28	42.99	29.73	100.00
7. Pragati	25.76	0.00	20.77	31.76	21.71	100.00
8. DVC	0.00	0.00	29.18	43.58	27.24	100.00

**POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK
DEMAND MET DURING APRIL 2010**

All figures in MW

Date	Time of peak demand	Generation within Delhi						Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		IP	RPH	GT	PPCL	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)= (3) to (7)	(9)	(10)	(11)= (10) - (9)	(12)= (10) + (11)	(13)	(14)= (12)+ (13)
1	19:44:52	0	113	174	288	579	1154	2196	2450	254	3350	0	3350
2	19:29:49	0	112	162	288	356	918	2416	2044	-372	3334	1	3335
3	20:16:41	0	112	159	287	368	926	2304	1898	-406	3230	3	3233
4	19:23:23	0	111	158	289	543	1101	1982	2494	512	3083	0	3083
5	19:34:06	0	114	157	286	578	1135	2219	2392	173	3354	26	3380
6	19:28:45	0	109	158	290	484	1041	2298	2330	32	3339	17	3356
7	19:50:56	0	108	166	287	599	1160	2181	2362	181	3341	31	3372
8	19:53:22	0	108	171	287	642	1208	2306	2425	119	3514	31	3545
9	19:55:09	0	111	171	284	578	1144	2365	2611	246	3509	18	3527
10	19:42:32	0	109	164	285	534	1092	2282	2431	149	3374	37	3411
11	22:51:22	0	110	166	285	593	1154	2316	2355	39	3470	0	3470
12	15:47:22	0	110	155	272	569	1106	2602	2591	-11	3708	55	3763
13	16:06:46	0	111	154	278	615	1158	2606	2584	-22	3764	11	3775
14	21:59:09	0	113	159	285	584	1141	2446	2476	30	3587	0	3587
15	15:39:19	0	110	147	270	529	1056	2821	2553	-268	3877	96	3973
16	14:14:37	0	113	115	265	583	1076	2777	2304	-473	3853	31	3884
17	15:07:45	0	60	154	259	578	1051	2779	2772	-7	3830	37	3867
18	22:03:55	0	59	167	278	563	1067	2793	2626	-167	3860	12	3872
19	21:00:00	0	58	173	280	566	1077	2868	2565	-303	3945	5	3950
20	15:32:34	0	0	151	268	570	989	3046	2892	-154	4035	79	4114
21	22:43:58	0	62	163	284	558	1067	2992	2811	-181	4059	7	4066
22	15:04:12	0	62	165	277	590	1094	3016	3116	100	4110	21	4131
23	16:09:46	0	61	163	274	401	899	3047	2912	-135	3946	9	3955
24	16:00:00	0	60	156	273	375	864	2764	2775	11	3628	11	3639
25	23:00:00	0	61	180	286	587	1114	2578	2927	349	3692	0	3692
26	22:54:45	0	61	163	274	584	1082	2876	2792	-84	3958	3	3961
27	15:11:44	0	60	165	270	578	1073	2943	2876	-67	4016	2	4018
28	15:22:01	0	62	163	273	590	1088	2972	2907	-65	4060	18	4078
29	15:16:00	0	63	170	280	556	1069	3047	2974	-73	4116	8	4124
30	15:13:32	0	63	161	268	544	1036	2961	2680	-281	3997	107	4104

POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING APRIL 2010

All figures in MW

Date	Time of peak demand	Generation within Delhi						Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		IP	RPH	GT	PPCL	BTP S	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(3) to (7)	(9)	(10)	(11)= (10) -(9)	(12)=(10) + (11)	(13)	(14)= (12)+ (13)
1	19:44:52	0	113	174	288	579	1154	2196	2450	254	3350	0	3350
2	19:29:49	0	112	162	288	356	918	2416	2044	-372	3334	1	3335
3	20:16:41	0	112	159	287	368	926	2304	1898	-406	3230	3	3233
4	19:23:23	0	111	158	289	543	1101	1982	2494	512	3083	0	3083
5	19:34:06	0	114	157	286	578	1135	2219	2392	173	3354	26	3380
6	19:28:45	0	109	158	290	484	1041	2298	2330	32	3339	17	3356
7	19:50:56	0	108	166	287	599	1160	2181	2362	181	3341	31	3372
8	19:53:22	0	108	171	287	642	1208	2306	2425	119	3514	31	3545
9	19:55:09	0	111	171	284	578	1144	2365	2611	246	3509	18	3527
10	19:42:32	0	109	164	285	534	1092	2282	2431	149	3374	37	3411
11	22:51:22	0	110	166	285	593	1154	2316	2355	39	3470	0	3470
12	15:47:22	0	110	155	272	569	1106	2602	2591	-11	3708	55	3763
13	16:06:46	0	111	154	278	615	1158	2606	2584	-22	3764	11	3775
14	21:59:09	0	113	159	285	584	1141	2446	2476	30	3587	0	3587
15	15:39:19	0	110	147	270	529	1056	2821	2553	-268	3877	96	3973
16	16:00:00	0	113	122	261	563	1059	2664	2525	-139	3723	197	3920
17	23:30:00	0	59	160	277	571	1067	2703	2766	63	3770	112	3882
18	22:03:55	0	59	167	278	563	1067	2793	2626	-167	3860	12	3872
19	16:00:00	0	59	164	270	568	1062	2832	2679	-153	3894	167	4061
20	15:32:34	0	0	151	268	570	989	3046	2892	-154	4035	79	4114
21	22:43:58	0	62	163	284	558	1067	2992	2811	-181	4059	7	4066
22	15:04:12	0	62	165	277	590	1094	3016	3116	100	4110	21	4131
23	15:00:00	0	61	163	273	406	903	2912	2900	-12	3815	191	4006
24	15:00:00	0	61	130	270	387	848	2770	2838	68	3618	31	3649
25	23:00:00	0	61	180	286	587	1114	2578	2927	349	3692	0	3692
26	22:54:45	0	61	163	274	584	1082	2876	2792	-84	3958	3	3961
27	15:11:44	0	60	165	270	578	1073	2943	2876	-67	4016	2	4018
28	15:22:01	0	62	163	273	590	1088	2972	2907	-65	4060	18	4078
29	15:16:00	0	63	170	280	556	1069	3047	2974	-73	4116	8	4124
30	15:13:32	0	63	161	268	544	1036	2961	2680	-281	3997	107	4104

SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR APRIL 2010

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

A (i) RPH	64.195
JHAJJAR SHARE	0.660
NET RPH	63.535
(ii) GT+WHRU	125.027
(iii) PRAGATI	210.790
TOTAL (i+ii+iii)	399.352
B) AVAILABILITY FROM BTPS	415.178
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	17.615
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	796.915

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
BAIRA SUIL	7.677	7.426	7.677	7.426
SALAL	30.856	29.848	28.827	27.889
TANKAPUR	2.123	2.053	2.309	2.233
CHAMERA	13.093	12.667	13.093	12.667
CHAMERA -II	15.149	14.654	15.149	14.654
DHAULIGANGA	7.941	7.682	7.941	7.682
URI	36.936	35.723	37.161	35.941
ANTA (GAS)	19.018	18.394	19.018	18.394
ANTA (RLNG)	8.053	7.788	4.894	4.735
ANTA (LIQUID)	0.000	0.000	0.000	0.000
DADRI (GAS)	48.209	46.629	48.209	46.629
DADRI (RLNG)	10.615	10.263	5.585	5.402
DADRI (LIQUID)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	32.090	31.039	32.090	31.039
AURAIYA (RLNG)	13.088	12.654	7.625	7.376
AURAIYA (LIQUID)	0.000	0.000	0.000	0.000
SINGRAULI	96.687	93.516	96.687	93.516
RIHAND -I	34.458	33.326	34.458	33.326
RIHAND -II	85.919	83.097	85.919	83.097
UNCHAHAAR-I	16.441	15.901	16.441	15.901
UNCHAHAAR-II	26.471	25.592	26.471	25.592
UNCHAHAAR-III	20.478	19.806	20.478	19.806
DADRI (TH)	386.133	373.454	386.133	373.454
DADRI (TH) STAGE-II	277.016	267.944	277.016	267.944
NAPP	8.330	8.056	8.330	8.056
RAPP 'B'	1.249	1.208	1.249	1.208
RAPP 'C'	16.279	15.744	16.279	15.744
NATHPA JHAKRI	41.330	39.983	41.330	39.983
DULASTI	27.278	26.389	27.278	26.389
TEHRI	18.280	17.677	18.280	17.677
KHELGAON	21.479	20.961	20.961	20.272
KHELGAON-II	61.882	60.404	60.404	58.399
FARAKA	7.647	7.460	7.460	7.214
TALA	2.671	2.605	2.605	2.520

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	35.171	34.305	34.305	33.186
DVC TATA STEEL	1.921	1.875	1.801	1.740
MADHYA PRADESH	15.827	14.964	14.963	14.475
CHATTISHGARH	109.326	103.350	98.182	94.955
CHATTISHGARH	226.806	214.440	214.435	207.425
WEST BENGAL	0.620	0.604	0.604	0.584
MAHARASTHRA	1.584	1.498	1.426	1.379
RAJASTHAN	11.166	10.324	10.324	9.985
HARYANA	3.792	3.665	3.792	3.665
UTTRANCHAL	14.400	13.942	14.400	13.942
ORISSA	35.997	35.123	33.718	32.611
SIKKIM	22.367	21.827	21.827	21.109
KARNATAKA	2.687	2.509	2.356	2.276
ARUNACHAL PRADESH	2.612	2.545	2.461	2.385
PUNJAB	18.059	16.280	16.280	15.754
GUJRAT	1.005	0.952	0.952	0.920
TO KARNATAKA (ER)	-0.371	-0.380	-0.380	-0.394
TO KARNATAKA (WR)	-1.384	-1.452	-1.072	-1.108
TO MEGHALAYA	-1.674	-1.713	-1.713	-1.773
TO MADHYA PRADESH	-20.430	-21.601	-21.601	-22.300
TO WEST BENGAL	-15.730	-16.110	-16.110	-16.666
TO RAJASTHAN	-0.485	-0.502	-0.485	-0.502
POWER EXCHANGE(IEX)	22.517	21.811	22.517	21.811
TO POWER EXCHANGE (IEX)	-91.338	-94.503	-91.338	-94.503
POWRER EXCHANGE(PX)	8.150	7.896	8.150	7.896
TO POWER EXCHANGE (PX)	-4.201	-4.337	-4.201	-4.337
TOTAL	1793.270	1717.254	1742.948	1676.680

C) AGENCY WISE BREAKUP OF ENERGY SCHEDULED DRAWL FROM THE GRID

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
NTPC - NR	1074.673	1039.404	1061.022	1026.211
NTPC - ER	91.007	88.825	88.825	85.885
NHPC	141.053	136.442	139.435	134.882
NPC	25.859	25.008	25.859	25.008
NATHPA JHAKRI	41.330	39.983	41.330	39.983
TEHRI	18.280	17.677	18.280	17.677
TALA	2.671	2.605	2.605	2.520
DVC	35.171	34.305	34.305	33.186
DVC TATA STEEL	1.921	1.875	1.801	1.740
MADHYA PRADESH	15.827	14.964	14.963	14.475
CHATTISHGARH	109.326	103.350	98.182	94.955
CHATTISHGARH	226.806	214.440	214.435	207.425
WEST BENGAL	0.620	0.604	0.604	0.584
MAHARASTHRA	1.584	1.498	1.426	1.379
RAJASTHAN	11.166	10.324	10.324	9.985

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
HARYANA	3.792	3.665	3.792	3.665
UTTRANCHAL	14.400	13.942	14.400	13.942
ORISSA	35.997	35.123	33.718	32.611
SIKKIM	22.367	21.827	21.827	21.109
KARNATAKA	2.687	2.509	2.356	2.276
ARUNACHAL PRADESH	2.612	2.545	2.461	2.385
PUNJAB	18.059	16.280	16.280	15.754
GUJRAT	1.005	0.952	0.952	0.920
POWER EXCHANGE(IEX)	22.517	21.811	22.517	21.811
POWER EXCHANGE(PX)	8.150	7.896	8.150	7.896
TOTAL	1928.882	1857.852	1879.848	1818.264

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 KARNATAKA (ER)	-0.371	-0.380	-0.380	-0.394
TO KARNATAKA (WR)	-1.384	-1.452	-1.072	-1.108
TO MEGHALAYA	-1.674	-1.713	-1.713	-1.773
TO MADHYA PRADESH	-20.430	-21.601	-21.601	-22.300
TO WEST BENGAL	-15.730	-16.110	-16.110	-16.666
TO RAJASTHAN	-0.485	-0.502	-0.485	-0.502
TO POWER EXCHANGE (IEX)	-91.338	-94.503	-91.338	-94.503
TO POWER EXCHANGE (PX)	-4.201	-4.337	-4.201	-4.337
TOTAL	-135.612	-140.599	-136.899	-141.584
(G) TOTAL SCHEDULED DRAWL FROM THE GRID (G=Fa+Fb+Fc)	1793.270	1717.254	1742.948	1676.680
TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS				2267.732
NET CONSUMPTION				2250.117
AVAILABILITY WITHIN DELHI				796.915
ACTUAL DRAWAL FROM THE GRID				1453.202
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY				(-)-223.478
LOAD SHEDDING				20.365
UNRESTRICTED DEMAND (GROSS)				2288.097
UNRESTRICTED DEMAND (NET)				2270.482
MAX. NET CONSUMPTION				83.991Mus. ON 20.04.2010
MAX. LOAD SHEDDING				767 MW ON 14.04.2010 AT 01:00HRS.
PEAK LOAD	Peak Demand during the month			SHEDDING AT PEAK TIME
DAY PEAK	4116MW AT 15:17:31HRS ON 29.04.2010			08MW
EVENING PEAK	4059MW AT 22:43:58HRS ON 21.04.2010			07MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH GT PRAGATI			66.04% 64.31% 88.72%

SHEDDING DETAILS DURING THE MONTH OF APRIL 2010.

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 drawl / 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-Apr-10	1	0.004	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000
02-Apr-10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03-Apr-10	8	0.002	0.000	0.091	0.000	0.093	0.000	0.000	0.000	0.000
04-Apr-10	4	0.000	0.000	0.004	0.000	0.004	0.000	0.000	0.000	0.000
05-Apr-10	8	0.008	0.029	0.017	0.000	0.054	0.000	0.000	0.000	0.000
06-Apr-10	1	0.002	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000
07-Apr-10	9	0.006	0.023	0.014	0.000	0.043	0.000	0.000	0.000	0.000
08-Apr-10	20	0.015	0.107	0.069	0.000	0.191	0.000	0.000	0.000	0.000
09-Apr-10	27	0.087	0.335	0.110	0.000	0.532	0.000	0.000	0.000	0.000
10-Apr-10	17	0.006	0.065	0.051	0.000	0.122	0.000	0.000	0.000	0.000
11-Apr-10	3	0.008	0.015	0.005	0.000	0.028	0.000	0.000	0.000	0.000
12-Apr-10	7	0.000	0.026	0.030	0.000	0.056	0.000	0.000	0.000	0.000
13-Apr-10	9	0.018	0.048	0.018	0.000	0.084	0.000	0.000	0.000	0.000
14-Apr-10	26	0.047	0.138	0.162	0.000	0.347	0.000	0.000	0.000	0.000
15-Apr-10	64	0.116	0.546	0.364	0.000	1.026	0.000	0.000	0.000	0.000
16-Apr-10	87	0.345	0.663	0.602	0.000	1.610	0.000	0.000	0.043	0.000
17-Apr-10	84	0.230	0.716	0.492	0.000	1.438	0.000	0.000	0.007	0.000
18-Apr-10	19	0.227	0.514	0.074	0.000	0.815	0.000	0.000	0.000	0.000
19-Apr-10	2	0.000	0.001	0.001	0.000	0.002	0.000	0.000	0.176	0.000
20-Apr-10	1	0.000	0.004	0.000	0.000	0.004	0.000	0.000	0.087	0.000
21-Apr-10	11	0.012	0.040	0.001	0.000	0.053	0.000	0.000	0.000	0.000
22-Apr-10	29	0.105	0.221	0.143	0.000	0.469	0.000	0.000	0.000	0.000
23-Apr-10	60	0.389	0.330	0.448	0.000	1.167	0.000	0.000	0.012	0.015
24-Apr-10	21	0.098	0.084	0.105	0.000	0.287	0.000	0.000	0.000	0.000
25-Apr-10	2	0.005	0.000	0.002	0.000	0.007	0.000	0.000	0.000	0.000
26-Apr-10	4	0.009	0.016	0.000	0.000	0.025	0.000	0.000	0.114	0.000
27-Apr-10	9	0.072	0.020	0.010	0.000	0.102	0.000	0.000	0.012	0.000
28-Apr-10	14	0.032	0.068	0.048	0.000	0.148	0.000	0.000	0.000	0.000
29-Apr-10	16	0.125	0.133	0.085	0.000	0.343	0.000	0.000	0.221	0.000
30-Apr-10	10	0.048	0.081	0.067	0.000	0.196	0.000	0.000	0.645	0.000
TOTAL	573	2.016	4.223	3.013	0.000	9.252	0.000	0.000	1.317	0.015

Date	Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VOILATION				TOTAL 16=8to15	TOTAL SHEDDING DUE TO GRID RESTRIC TIONS 17=16+7	Due to T&D Constraints				
	BSES		NDPL	NDMC			DTL				
	BYPL	BRPL					BSES		NDPL	NDMC	MES
			BYPL	BRPL			18	19			
1	12	13	14	15	16=8to15	17=16+7	18	19	20	21	22
01-Apr-10	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000
02-Apr-10	0.000	0.000	0.000	0.000	0.000	0.000	0.109	0.048	0.012	0.000	0.000
03-Apr-10	0.000	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000
04-Apr-10	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.000	0.000	0.000	0.000
05-Apr-10	0.000	0.000	0.000	0.000	0.000	0.054	0.000	0.017	0.012	0.000	0.000
06-Apr-10	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.001	0.001	0.000	0.000
07-Apr-10	0.000	0.000	0.000	0.000	0.000	0.043	0.000	0.000	0.000	0.000	0.000
08-Apr-10	0.000	0.000	0.000	0.000	0.000	0.191	0.000	0.000	0.000	0.000	0.000
09-Apr-10	0.000	0.000	0.000	0.000	0.000	0.532	0.000	0.031	0.015	0.000	0.000
10-Apr-10	0.000	0.000	0.000	0.000	0.000	0.122	0.000	0.000	0.000	0.000	0.000
11-Apr-10	0.000	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000
12-Apr-10	0.000	0.000	0.000	0.000	0.000	0.056	0.000	0.000	0.002	0.000	0.000
13-Apr-10	0.000	0.000	0.000	0.000	0.000	0.084	0.000	0.089	0.000	0.000	0.000
14-Apr-10	0.000	0.000	0.000	0.000	0.000	0.347	0.000	1.042	0.069	0.000	0.000
15-Apr-10	0.000	0.000	0.000	0.000	0.000	1.026	0.018	0.135	0.097	0.000	0.000
16-Apr-10	0.000	0.000	0.000	0.000	0.043	1.653	0.008	0.702	0.068	0.000	0.000
17-Apr-10	0.000	0.000	0.000	0.000	0.007	1.445	0.009	0.013	0.008	0.000	0.000
18-Apr-10	0.000	0.000	0.000	0.000	0.000	0.815	0.000	0.052	0.047	0.000	0.000
19-Apr-10	0.000	0.000	0.000	0.000	0.176	0.178	0.012	0.405	0.000	0.000	0.000
20-Apr-10	0.000	0.000	0.000	0.000	0.087	0.091	0.000	0.002	0.123	0.000	0.000
21-Apr-10	0.000	0.000	0.000	0.000	0.000	0.053	0.143	0.374	0.000	0.000	0.000
22-Apr-10	0.000	0.000	0.000	0.000	0.000	0.469	0.139	0.007	0.000	0.025	0.000
23-Apr-10	0.000	0.000	0.000	0.000	0.027	1.194	0.000	0.000	0.000	0.000	0.000
24-Apr-10	0.000	0.000	0.000	0.000	0.000	0.287	0.029	0.000	0.001	0.000	0.000
25-Apr-10	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.036	0.000	0.000	0.000
26-Apr-10	0.000	0.000	0.000	0.000	0.114	0.139	0.030	0.000	0.000	0.000	0.000
27-Apr-10	0.000	0.000	0.000	0.000	0.012	0.114	0.161	0.000	0.000	0.000	0.000
28-Apr-10	0.000	0.000	0.000	0.000	0.000	0.148	0.045	0.010	0.000	0.000	0.000
29-Apr-10	0.000	0.000	0.000	0.000	0.221	0.564	0.000	0.054	0.000	0.000	0.000
30-Apr-10	0.000	0.000	0.000	0.000	0.645	0.841	0.007	0.178	0.013	0.000	0.000
TOTAL	0.000	0.000	0.000	0.000	1.332	10.584	0.713	3.196	0.468	0.025	0.000

ALL FIGURES IN MUs

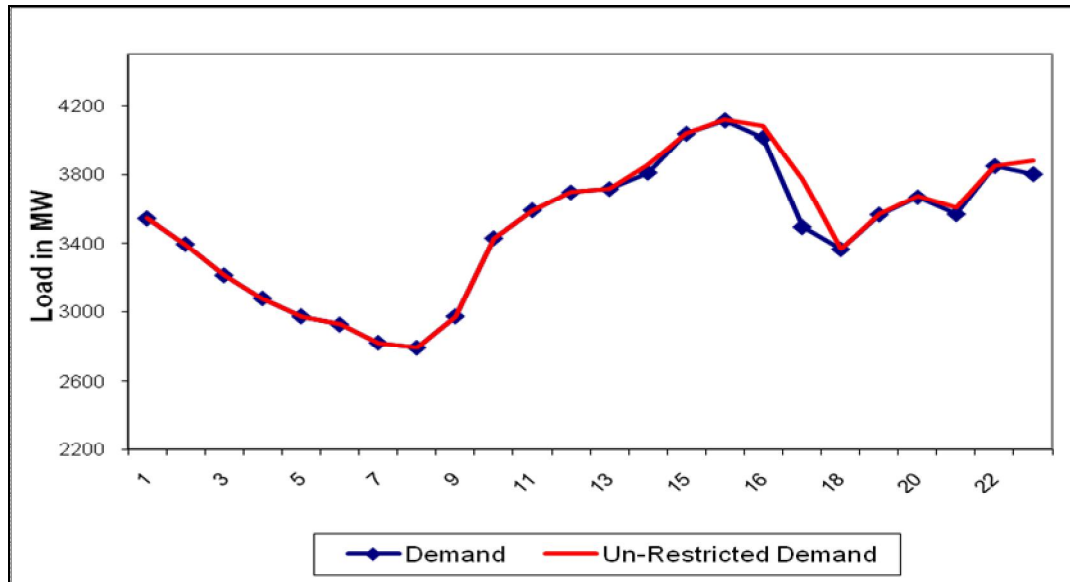
DATE	DUE TO T&D CONSTRAINTS			OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.	THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	DISCOMS				BSES		NDPL		
	BSES		NDPL		BSES				
	BYPL	BRPL			BYPL	BRPL			
1	23	24	25	2+	27	28	29	30=18 to29	31=30+17
01-Apr-10	0.000	0.000	0.005	0.096	0.000	0.000	0.116	0.217	0.221
02-Apr-10	0.001	0.027	0.008	0.002	0.000	0.000	0.098	0.305	0.305
03-Apr-10	0.000	0.022	0.002	0.000	0.000	0.000	0.116	0.140	0.233
04-Apr-10	0.032	0.000	0.015	0.000	0.000	0.000	0.125	0.175	0.179
05-Apr-10	0.057	0.000	0.000	0.000	0.000	0.000	0.114	0.200	0.254
06-Apr-10	0.000	0.042	0.007	0.000	0.000	0.000	0.108	0.159	0.161
07-Apr-10	0.000	0.028	0.000	0.000	0.000	0.000	0.104	0.132	0.175
08-Apr-10	0.014	0.000	0.001	0.000	0.000	0.000	0.107	0.122	0.313
09-Apr-10	0.004	0.040	0.004	0.000	0.000	0.000	0.105	0.199	0.731
10-Apr-10	0.007	0.016	0.002	0.000	0.000	0.000	0.138	0.163	0.285
11-Apr-10	0.017	0.035	0.006	0.000	0.000	0.000	0.114	0.172	0.200
12-Apr-10	0.040	0.141	0.000	0.000	0.000	0.000	0.115	0.298	0.354
13-Apr-10	0.002	0.014	0.051	0.000	0.000	0.000	0.114	0.270	0.354
14-Apr-10	0.015	0.002	0.001	0.000	0.000	0.000	0.100	1.229	1.576
15-Apr-10	0.000	0.053	0.067	0.000	0.000	0.000	0.096	0.466	1.492
16-Apr-10	0.006	0.003	0.163	0.000	0.000	0.000	0.031	0.981	2.634
17-Apr-10	0.014	0.155	0.265	0.000	0.000	0.000	0.013	0.477	1.922
18-Apr-10	0.047	0.105	0.000	0.000	0.000	0.000	0.000	0.251	1.066
19-Apr-10	0.057	0.196	0.004	0.000	0.000	0.000	0.000	0.674	0.852
20-Apr-10	0.034	0.140	0.054	0.000	0.000	0.000	0.000	0.353	0.444
21-Apr-10	0.003	0.067	0.009	0.000	0.000	0.000	0.000	0.596	0.649
22-Apr-10	0.020	0.410	0.025	0.000	0.000	0.000	0.000	0.626	1.095
23-Apr-10	0.029	0.092	0.031	0.000	0.000	0.000	0.000	0.152	1.346
24-Apr-10	0.000	0.018	0.023	0.000	0.000	0.000	0.000	0.071	0.358
25-Apr-10	0.019	0.034	0.000	0.000	0.000	0.000	0.000	0.089	0.096
26-Apr-10	0.000	0.151	0.074	0.000	0.000	0.000	0.000	0.255	0.394
27-Apr-10	0.012	0.101	0.008	0.000	0.000	0.000	0.000	0.282	0.396
28-Apr-10	0.000	0.141	0.005	0.001	0.000	0.000	0.000	0.202	0.350
29-Apr-10	0.002	0.090	0.005	0.000	0.000	0.000	0.000	0.151	0.715
30-Apr-10	0.077	0.082	0.017	0.000	0.000	0.000	0.000	0.374	1.215
TOTAL	0.509	2.205	0.852	0.099	0.000	0.000	1.714	9.781	20.365

DATE	(NET CONS.)	MAXI. DEMAND MET DURING THE DAY	TIME OF OCCURENCE OF MAX DEMAND	SHEDDING AT THIS TIME	UN-RESTRICTED DEMAND	MAXIMUM UN-RESTRICTED 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-Apr-10	67.928	3350	19:44:52	0	3350	3350	19:44:52	3350	0
02-Apr-10	62.849	3334	19:29:49	1	3335	3335	19:29:49	3334	1
03-Apr-10	67.840	3230	20:16:41	3	3233	3233	20:16:41	3230	3
04-Apr-10	63.343	3083	19:23:23	0	3083	3083	19:23:23	3083	0
05-Apr-10	69.571	3354	19:34:06	26	3380	3380	19:34:06	3354	26
06-Apr-10	69.452	3339	19:28:45	17	3356	3356	19:28:45	3339	17
07-Apr-10	67.798	3341	19:50:56	31	3372	3372	19:50:56	3341	31
08-Apr-10	68.584	3514	19:53:22	31	3545	3545	19:53:22	3514	31
09-Apr-10	74.484	3509	19:55:09	18	3527	3527	19:55:09	3509	18
10-Apr-10	70.992	3374	19:42:32	37	3411	3411	19:42:32	3374	37
11-Apr-10	68.672	3470	22:51:22	0	3470	3470	22:51:22	3470	0
12-Apr-10	75.831	3708	15:47:22	55	3763	3763	15:47:22	3708	55
13-Apr-10	76.554	3764	16:06:46	11	3775	3775	16:06:46	3764	11
14-Apr-10	72.348	3587	21:59:09	0	3587	3587	21:59:09	3587	0
15-Apr-10	76.680	3877	15:39:19	96	3973	3973	15:39:19	3877	96
16-Apr-10	76.014	3853	14:14:37	31	3884	3920	16:00	3723	197
17-Apr-10	75.295	3830	15:07:45	37	3867	3882	23:30	3770	112
18-Apr-10	76.514	3860	22:03:55	12	3872	3872	22:03:55	3860	12
19-Apr-10	82.799	3945	21:00:00	5	3950	4061	16:00	3894	167
20-Apr-10	83.991	4035	15:32:34	79	4114	4114	15:32:34	4035	79
21-Apr-10	83.978	4059	22:43:58	7	4066	4066	22:43:58	4059	7
22-Apr-10	82.111	4110	15:04:12	21	4131	4131	15:04:12	4110	21
23-Apr-10	79.214	3946	16:09:46	9	3955	4006	15:00	3815	191
24-Apr-10	76.442	3628	16:00:00	11	3639	3649	15:00	3618	31
25-Apr-10	73.187	3692	23:00:00	0	3692	3692	23:00	3692	0
26-Apr-10	80.493	3958	22:54:45	3	3961	3961	22:54:45	3958	3
27-Apr-10	81.197	4016	15:11:44	2	4018	4018	15:11:44	4016	2
28-Apr-10	82.846	4060	15:22:01	18	4078	4078	15:22:01	4060	18
29-Apr-10	82.049	4116	15:16:00	8	4124	4124	15:16	4116	8
30-Apr-10	81.061	3997	15:13:32	107	4104	4104	15:13:32	3997	107
TOTAL	2250.117	4116			4131	4131			

10 **LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING APRIL 2010 ON 29.04.2010 – 4116MW at 15:17:31.,;HRS.**

All figures in MW

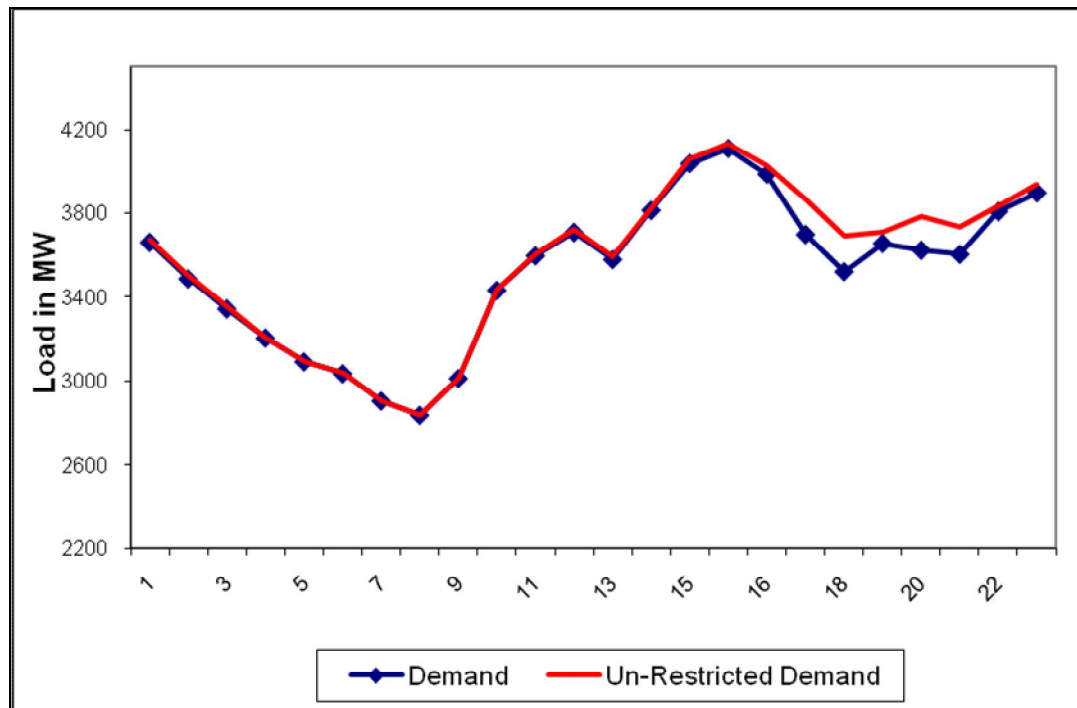
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	3544	2	3546
2	3396	0	3396
3	3213	0	3213
4	3077	0	3077
5	2973	0	2973
6	2926	0	2926
7	2821	0	2821
8	2792	0	2792
9	2973	0	2973
10	3431	0	3431
11	3591	0	3591
12	3696	0	3696
13	3716	0	3716
14	3812	47	3859
15	4039	5	4044
19.17.31	4116	8	4124
16	4018	67	4085
17	3495	280	3775
18	3366	3	3369
19	3566	3	3569
20	3668	8	3676
21	3569	38	3607
22	3851	0	3851
23	3803	81	3884
24	3643	107	3750
ENERGY IN Mus	82.049	0.715	82.764



11 **LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING APRIL 2010 – 22.04.2010 – 4131MW at 15:04:12HRS.**

All figures in MW

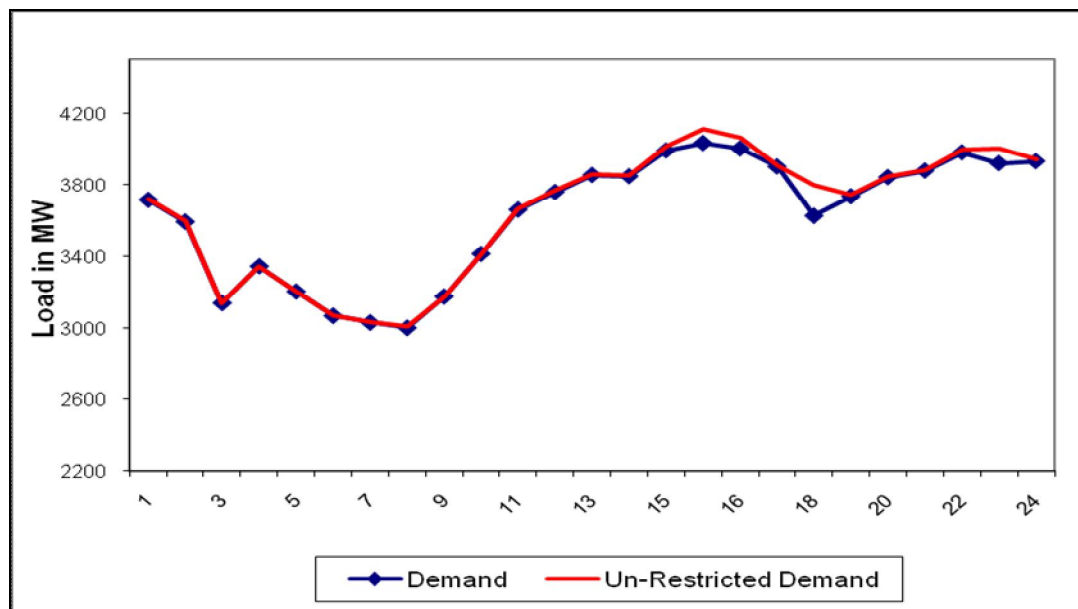
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	3663	14	3677
2	3488	13	3501
3	3346	13	3359
4	3208	0	3208
5	3094	0	3094
6	3037	0	3037
7	2906	0	2906
8	2838	0	2838
9	3014	2	3016
10	3433	5	3438
11	3599	11	3610
12	3710	16	3726
13	3581	15	3596
14	3814	7	3821
15	4038	19	4057
15.04.12	4110	21	4131
16	3987	42	4029
17	3700	163	3863
18	3523	172	3695
19	3658	52	3710
20	3626	159	3785
21	3606	130	3736
22	3809	25	3834
23	3897	40	3937
24	3792	25	3817
ENERGY IN Mus	82.111	1.095	83.206



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING APRIL 2010 – 20.04.2010 – 83.991 Mus

All figures in MW

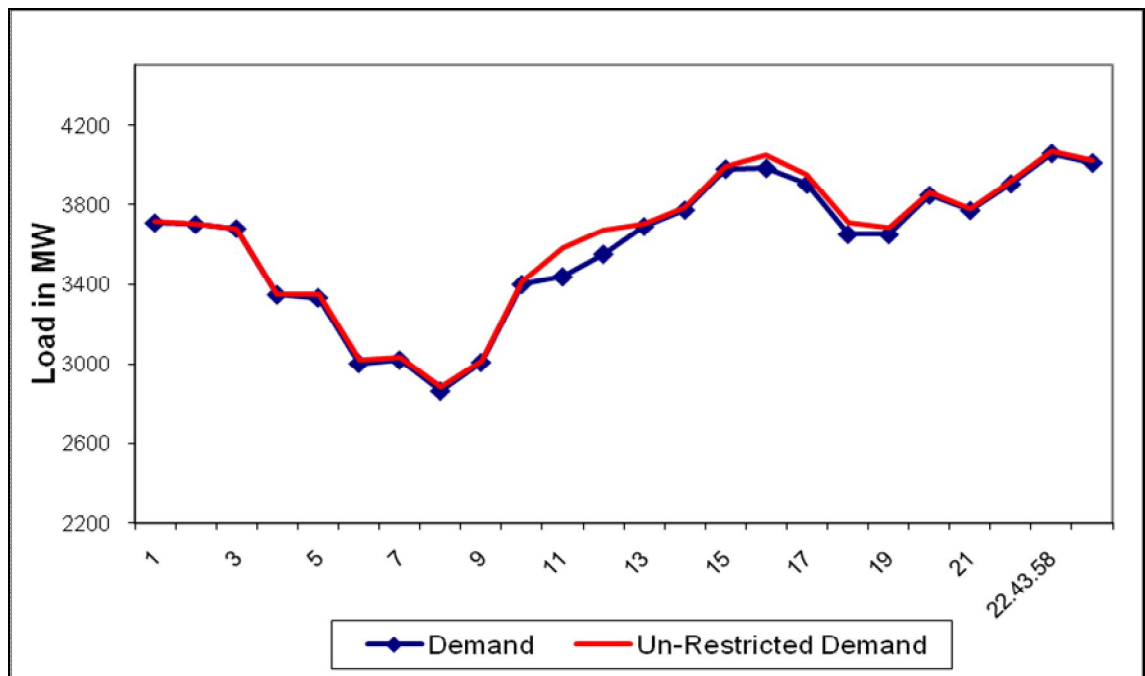
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	3715	3	3718
2	3594	3	3597
3	3139	0	3139
4	3345	0	3345
5	3203	0	3203
6	3069	0	3069
7	3032	0	3032
8	3003	9	3012
9	3175	1	3176
10	3415	2	3417
11	3661	5	3666
12	3759	9	3768
13	3855	7	3862
14	3848	5	3853
15	3993	27	4020
15.32.34	4035	79	4114
16	4004	63	4067
17	3903	8	3911
18	3627	172	3799
19	3735	9	3744
20	3843	2	3845
21	3880	3	3883
22	3983	14	3997
23	3922	81	4003
24	3933	12	3945
ENERGY IN Mus	83.991	0.444	84.435



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING APRIL 2010 – 21.04.2010 – 84.627Mus

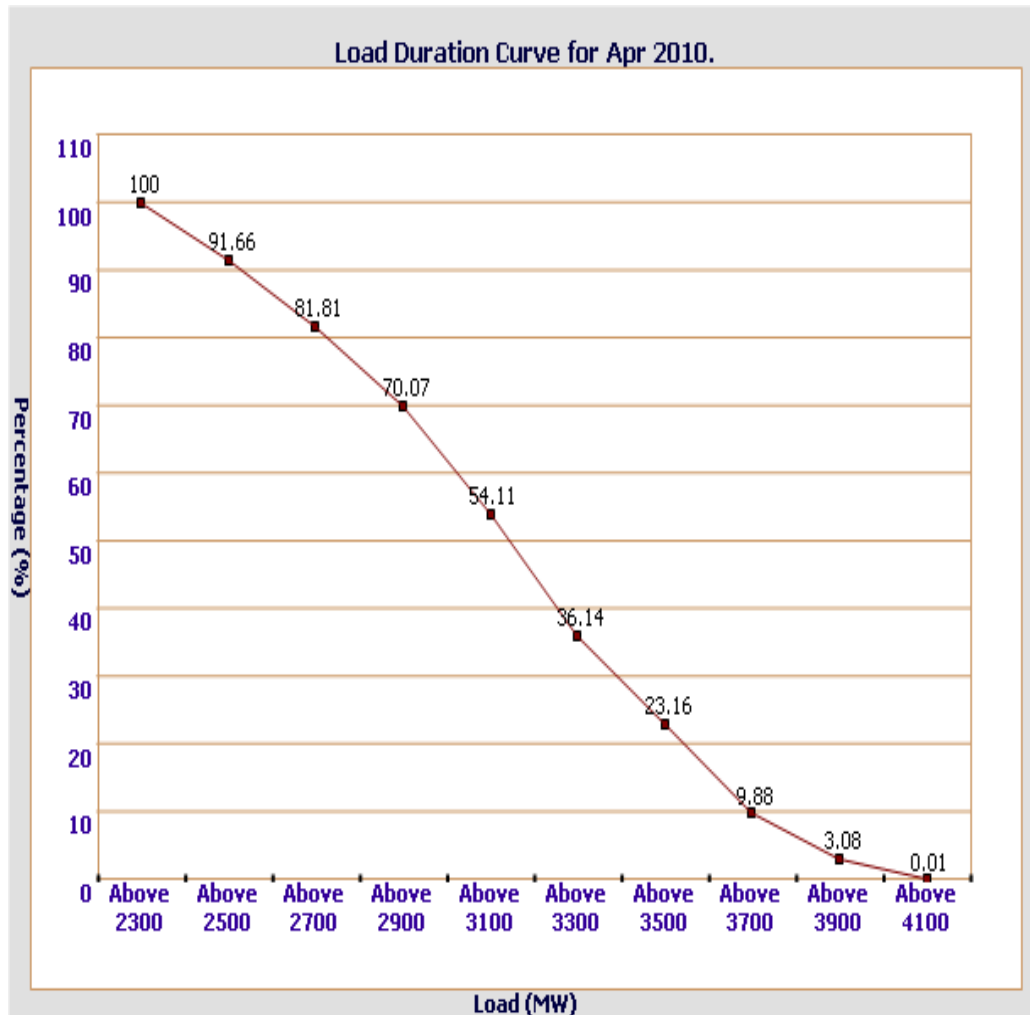
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	3708	6	3714
2	3700	0	3700
3	3679	0	3679
4	3347	0	3347
5	3332	15	3347
6	3003	18	3021
7	3020	11	3031
8	2865	19	2884
9	3008	7	3015
10	3399	16	3415
11	3437	143	3580
12	3550	123	3673
13	3690	14	3704
14	3774	13	3787
15	3981	9	3990
16	3985	64	4049
17	3905	51	3956
18	3649	58	3707
19	3648	33	3681
20	3850	12	3862
21	3772	9	3781
22	3907	11	3918
22.43.58	4059	7	4066
23	4012	11	4023
24	3898	5	3903
ENERGY IN Mus	83.978	0.649	84.627



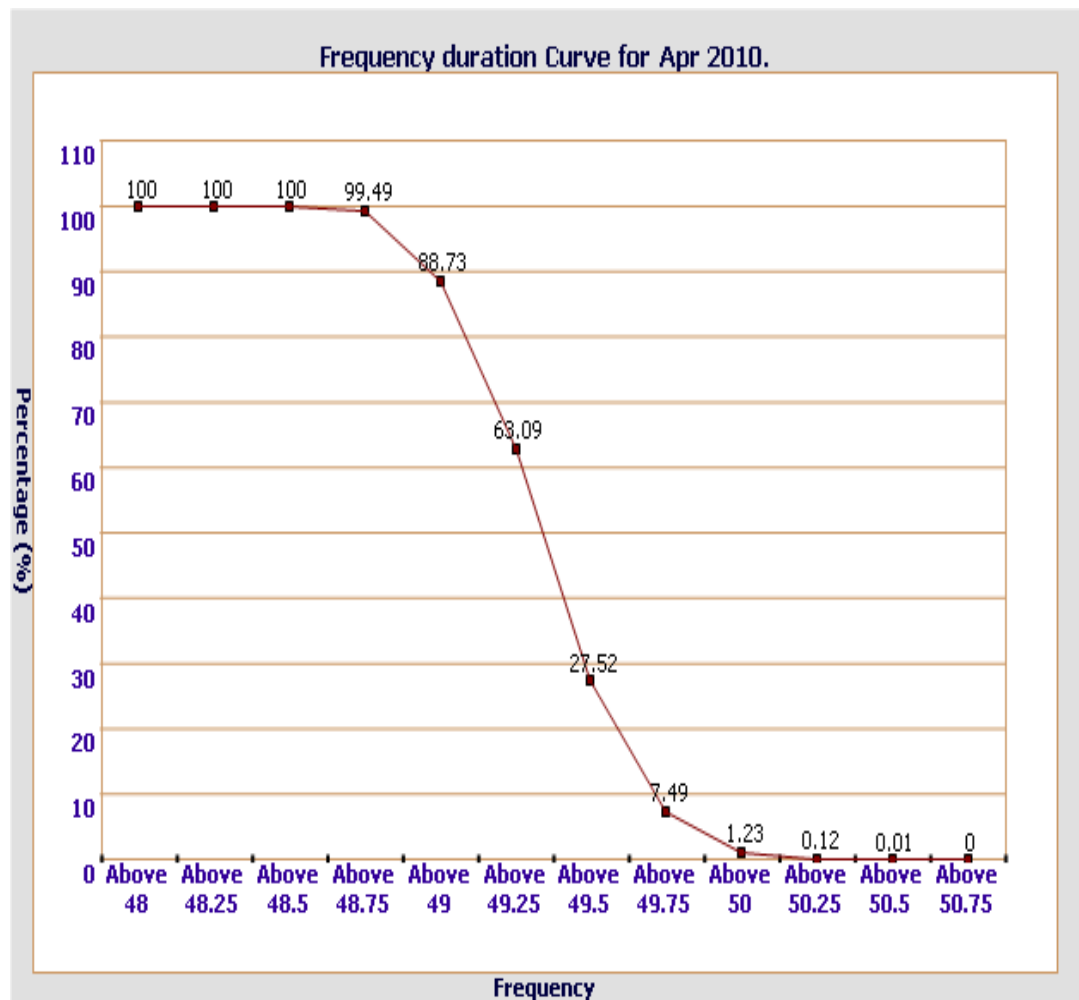
14 LOAD DURATION CURVE FOR APRIL 2010

Load in MW	Percentage of Time
Above 2300	100 %
Above 2500	91.66 %
Above 2700	81.81 %
Above 2900	70.07 %
Above 3100	54.11 %
Above 3300	36.14 %
Above 3500	23.16 %
Above 3700	9.88 %
Above 3900	3.08 %
Above 4100	0.01 %



15 FREQUENCY ANALYSIS FOR THE MONTH OF APRIL 2010

Frequency Range in Hz.	Percentage of time
Above 48.50	100 %
Above 48.75	99.49 %
Above 49.00	88.73 %
Above 49.25	63.09 %
Above 49.50	27.52 %
Above 49.75	7.49 %
Above 50.00	1.23 %
Above 50.25	0.12 %
Above 50.50	0.01 %
Above 50.75	0 %



16 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING APRIL 2010

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-Apr-10	223.05	215.25	228.53	213.70
02-Apr-10	233.31	215.38	230.47	212.80
03-Apr-10	233.18	212.67	229.31	210.74
04-Apr-10	233.05	217.31	230.86	215.77
05-Apr-10	231.89	217.18	226.73	215.38
06-Apr-10	230.86	215.12	228.53	215.38
07-Apr-10	230.47	217.18	227.63	214.48
08-Apr-10	232.66	214.61	227.63	214.61
09-Apr-10	233.95	218.86	227.50	188.68
10-Apr-10	232.40	213.83	226.86	214.73
11-Apr-10	231.76	217.83	228.53	215.77
12-Apr-10	231.50	218.22	227.63	213.96
13-Apr-10	232.15	218.22	228.92	216.02
14-Apr-10	231.89	209.96	230.21	--
15-Apr-10	233.43	216.67	232.02	218.35
16-Apr-10	229.44	215.12	230.08	214.48
17-Apr-10	-	-	-	-
18-Apr-10	-	-	-	-
19-Apr-10	-	-	-	-
20-Apr-10	226.34	211.12	226.86	--
21-Apr-10	229.44	214.09	228.28	214.35
22-Apr-10	230.86	209.45	228.02	211.12
23-Apr-10	-	-	-	-
24-Apr-10	-	-	-	-
25-Apr-10	-	-	-	-
26-Apr-10	-	-	-	-
27-Apr-10	229.95	210.09	228.66	209.58
28-Apr-10	231.89	197.58	229.44	213.83
29-Apr-10	231.24	212.54	228.66	--
30-Apr-10	228.53	209.32	228.28	--

17 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING APRIL 2010
All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Apr-10	410.12	08.08.49	384.56	19.07.20	399.81
02-Apr-10	414.34	08.04.38	384.09	19.08.58	401.07
03-Apr-10	413.87	03.39.33	382.22	19.04.46	399.73
04-Apr-10	414.34	05.06.28	391.13	19.09.22	404.21
05-Apr-10	408.48	05.04.48	387.61	12.48.00	399.81
06-Apr-10	408.48	03.13.55	388.55	18.59.04	399.71
07-Apr-10	408.48	--	389.72	19.39.15	400.26
08-Apr-10	408.48	--	387.38	17.17.44	399.67
09-Apr-10	409.89	09.04.18	389.25	18.13.33	398.59
10-Apr-10	410.36	03.03.23	389.25	17.21.44	399.44
11-Apr-10	410.36	17.01.51	390.19	19.23.26	399.61
12-Apr-10	408.01	08.04.10	386.67	13.53.46	398.38
13-Apr-10	406.84	15.09.11	392.77	14.53.40	400.04
14-Apr-10	412.23	09.03.43	386.91	14.27.42	400.16
15-Apr-10	414.34	03.55.01	392.07	10.47.52	402.38
16-Apr-10	408.01	00.00.10	382.69	19.23.04	396.76
17-Apr-10	--	--	--	--	--
18-Apr-10	--	--	--	--	--
19-Apr-10	--	--	--	--	--
20-Apr-10	406.37	18.02.22	379.40	14.42.22	394.19
21-Apr-10	409.65	03.33.46	385.50	11.32.35	394.35
22-Apr-10	408.48	04.02.46	379.40	11.08.38	396.50
23-Apr-10	--	--	--	--	--
24-Apr-10	--	--	--	--	--
25-Apr-10	--	--	--	--	--
26-Apr-10	--	--	--	--	--
27-Apr-10	408.01	06.01.52	376.36	14.09.11	394.34
28-Apr-10	410.36	06.04.19	384.09	10.21.05	397.97
29-Apr-10	409.89	06.06.43	381.98	16.12.36	395.94
30-Apr-10	406.14	18.48.33	370.96	15.22.22	392.22

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Apr-10	412.70	08.08.18	388.55	19.06.50	403.43
02-Apr-10	416.69	08.04.28	387.38	19.09.08	404.55
03-Apr-10	416.92	03.38.23	385.74	19.05.06	403.36
04-Apr-10	417.86	05.07.38	395.12	19.09.42	407.84
05-Apr-10	411.30	13.20.32	394.41	19.04.34	403.39
06-Apr-10	412.00	03.14.35	393.71	18.58.34	403.33
07-Apr-10	410.12	--	393.47	19.33.54	403.54
08-Apr-10	410.83	13.03.52	391.60	17.18.34	402.99
09-Apr-10	412.23	09.04.18	393.71	18.13.23	402.06
10-Apr-10	412.70	03.03.33	391.13	11.03.02	402.13
11-Apr-10	413.17	17.01.41	393.71	19.23.47	402.86
12-Apr-10	409.89	06.03.30	389.02	13.53.46	401.07
13-Apr-10	404.34	06.36.21	397.46	14.53.50	405.86
14-Apr-10	414.58	09.04.03	393.19	14.28.32	403.44
15-Apr-10	416.22	03.55.11	396.05	14.44.09	405.28
16-Apr-10	412.00	05.59.36	387.85	19.22.44	401.80
17-Apr-10	-	-	-	-	-
18-Apr-10	-	-	-	-	-
19-Apr-10	-	-	-	-	-
20-Apr-10	411.30	18.02.52	387.38	14.42.02	400.21
21-Apr-10	414.34	03.33.46	391.13	11.32.55	400.79
22-Apr-10	413.17	02.57.33	386.20	11.09.08	402.27
23-Apr-10	-	-	-	-	-
24-Apr-10	-	-	-	-	-
25-Apr-10	-	-	-	-	-
26-Apr-10	-	-	-	-	-
27-Apr-10	413.41	06.01.52	385.03	14.09.11	401.35
28-Apr-10	415.98	06.06.59	390.43	10.21.05	404.96
29-Apr-10	415.52	06.06.23	389.25	17.40.13	402.76
30-Apr-10	411.30	18.49.03	382.92	10.0.05	398.78
31-Apr-10	-	-	-	-	-

18 **DETAILS OF LUMPED CAPACITORS AT NEAREST 220 KV SUBSTATION**
a) **Delhi Transco Limited (DTL)**

Name of the Sub-stn	Voltage (KV)	Installed Capacity (MVAR)	Working Capacity (MVAR)	ReAprks
Patparganj	66	20	20	
	66	20	20	
	33	10	10	
	33	10	10	
	11	5.04	5.04	
Kashmere Gate	11	5.04	5.04	
Gazipur	66	20	20	
	66	20	20	
	11	5.04	5.04	
Okhla	66	20	20	
	66	20	20	
	66	20	20	
	33	10	10	
	11	5.04	5.04	
Lodhi Road	33	10	10	
	33	10	10	
	11	5.976	0	
Sarita Vihar	66	20	20	
	11	5.04	5.04	
Vasant Kunj	66	20	20	
	66	20	20	
	11	5.04	5.04	
Mehrauli	66	20	20	
	66	20	20	
	66	20	20	
	66	20	20	
	11	5.04	5.04	
Najafgarh	66	20	20	
	66	20	20	
	66	20	20	
	11	5.04	5.04	
Narela	66	20	20	
	66	20	20	
	11	5.04	5.04	

Name of the sub-stn	Voltage (KV)	Installed Capacity (MVAR)	Working Capacity (MVAR)	ReAprks
ShaliApr Bagh	33	10	10	
	33	10	10	
	33	10	10	
	33	10	10	
	11	6	6	
Rohini	66	20	20	
	66	20	20	
	11	6	6	
Gopalpur	33	10	10	
	33	10	10	
	33	10	10	
	11	5.04	5.04	
Subzi Mandi	11	6	6	
Kanjhawala	66	20	20	
	11	5.04	5.04	
Park Street	66	20	20	
	33	10	10	
	33	10	10	
Papankalan-I	66	20	20	
	11	5.04	5.04	
Naraina	33	10	10	
	33	10	10	
	11	5.04	5.04	
	Total Capacity	749.496	743.700	

B. IPGCL

Name of the Sub-stn	Voltage (KV)	Installed Capacity (MVAR)	Working Capacity (MVAR)	ReAprks
IP	33	10	10	
	33	10	10	
	33	10	10	
	33	10	0	OUT SINCE 08.04.2005. CELLS DAMAGED, ORDER PLACED ON BHEL
RPH	11	5.04	5.04	
	33	10	10	
	33	10	10	
	Total Capacity	65.04	55.04	

Sl. No	Name of the Grid S/Sub-Station	INSTALLED CAPACITY IN MVAR			
		66KV	33kV	11kV	TOTAL
1	IP STATION		30		30
1	Kamla Aprket			9.65	9.65
2	Minto Road			5.45	5.45
3	GB Pant Hosp			5.45	5.45
4	Delhi Gate			10.9	10.9
5	TilakAprg			5.04	5.04
6	Electric Lane			5.04	5.04
7	Connaught Place			10.08	10.08
8	Kilokri		10	10.48	20.48
9	NDSE			5.04	5.04
10	AIIMS		10	5.04	15.04
11	Nizamuddin			5.04	5.04
12	Exhibition-I		10		10
13	Exhibition-II				
14	Defence Colony			10.9	10.9
15	IG Stadium		10		10
16	Lajpat Nagar			5.04	5.04
	Total				163.15
2	IP Extn.				
1	School Lane			5.04	5.04
2	Scindia House			5.04	5.04
3	Vidyut Bhawan			15.12	15.12
4	Nirman Bhawan			5.04	5.04
5	Dalhousie Road			5.04	5.04
	Total				35.28
3	RPH Station		20	5.04	25.04
1	Lahori Gate			10.45	10.45
2	Jama Masjid			5.03	5.03
4	Kamla Aprket			5.45	5.45
5	Minto Road			5.45	5.45
6	GB Pant Hosp			5.03	5.03
7	IG Stadium			5.45	5.45
8	IP Estate			10.9	10.9
	Total				72.8

Sl. No	Name of the Grid S/Sub-Station	INSTALLED CAPACITY IN MVAR			
		66KV	33kV	11kV	TOTAL
4	Parkstreet S/stn	20	20		40
1	Shastri Park		10	5.45	15.45
2	Faiz Road			10.9	10.9
3	Motia Khan			16.3	16.3
4	Parshad Nagar			16.3	16.3
5	Anand Parbat			10.8	10.8
6	Shankar Road			5.04	5.04
7	Rama Road			14.4	14.4
8	Baird Road			10.08	10.08
9	Hanuman Road			5.04	5.04
10	Pusa			7.2	7.2
11	Ridge Valley				
12	SJ Airport			5.04	5.04
13	B. D. Aprg				
	Total				156.55
5	Naraina S/stn		20	5.04	25.04
1	DMS			10.45	10.45
2	Mayapuri		10	5	15
3	Inderpuri		10	5.04	15.04
4	Rewari line			7.2	7.2
5	Khyber Lane		10		10
6	Kirbi Place			5	5
7	Payal Cinema			14.4	14.4
	Total				102.13
6	Mehrauli S/stn	80		5.04	85.04
1	Adchini			15.12	15.12
2	Andheria Bagh			10.85	10.85
3	IIT			10.9	10.9
4	JNU		10	10.08	20.08
5	Bijwasan			10.08	10.08
6	DC Saket		10	4.54	14.54
7	Malviya Nagar	20			20
8	C Dot				
9	Vasant kunj B-Blk	20		10.9	30.9
10	Vasant kunj C-Blk	20		5.45	25.45
11	Palam				
12	IGNOU				
13	R. K. Puram-I			10.08	10.08
14	Vasant Vihar			10.08	10.08
15	Bhikaji Cama Place		10	10.08	20.08
	Total				283.2
7	Vasantkunj S/stn	40		5.04	45.04
2	R. K. Puram-II			3.6	3.6
4	Vasant kunj C-Blk			5.04	5.04
5	Vasant kunj D-Blk	20		10.25	30.25
8	Race Course			5.04	5.04
9	Bapu Dhaam			5.04	5.04
10	Nehru Park			5.04	5.04
12	Ridge Valley				
	Total				99.05

Sl. No	Name of the Grid S/Sub-Station	INSTALLED CAPACITY IN MVAR			
		66KV	33kV	11kV	TOTAL
8	Okhla S/stn	60	10	5.04	75.04
1	Balaji			7.2	7.2
2	East of Kailash			10	10
3	Alaknanda			10.85	10.85
4	Malviya Nagar		20	10.49	30.49
5	Masjid Moth			15.94	15.94
6	Nehru Place			21.35	21.35
7	Okhla Ph-I	20		10.9	30.9
8	Okhla Ph-II		20.93	10.49	31.42
9	Shivalik			10.9	10.9
10	Batra			15.8	15.8
11	VSNL			10.8	10.8
12	Siri Fort			10.49	10.49
13	Tuglakabad			10.8	10.8
	Total				291.98
9	Lodhi Road S/stn		20		20
1	Defence Colony				
2	Hudco			10.9	10.9
4	Lajpat Nagar			5.04	5.04
5	Nizamuddin			5.45	5.45
6	Vidyut Bhawan			10.08	10.08
7	Kidwai Nagar			5.04	5.04
8	Ex. Gr. II				
9	IHC				
	Total				56.51
10	Sarita Vihar S/stn	20		5.04	25.04
1	Sarita Vihar			10.08	10.08
2	MCIE			10.06	10.06
3	Mathura Road	20		5.04	25.04
4	Jamia Millia			5.4	5.4
5	Sarai Julena		10	10.9	20.9
	Total				96.52
11	Wazirabad				
1	Bhagirathi		10	10.9	20.9
2	Ghonda	20	20	15.94	55.94
3	Seelam Pur		10	21.39	31.39
4	Dwarkapuri			10.06	10.06
5	Nandnagri	20		16.35	36.35
6	Yamuna Vihar			10.8	10.8
7	East of Loni Road			10.8	10.8
8	Shastri Park			10.9	10.9
9	Karawal Nagar			5.4	5.4
	Total				192.54

Sl. No	Name of the Grid S/Sub-Station	INSTALLED CAPACITY MVAR			
		66KV	33kV	11kV	TOTAL
12	Geeta Colony				
1	Geeta Colony			10.49	10.49
2	Kanti Nagar			10.9	10.9
3	Kailash Nagar			15.48	15.48
4	Seelam Pur				
5	Shakar Pur				
	Total				36.87
13	Gazipur S/stn	40		5.04	45.04
1	Dallupura	20		10.9	30.9
2	Vivek Vihar			9.57	9.57
3	GT Road			10.85	10.85
4	Kondli	20		10.45	30.45
5	MVR-I			10.9	10.9
6	MVR-II	20		10.9	30.9
7	PPG Ind. Area			10.06	10.06
	Total				178.67
14	Patparganj S/stn	40	20	5.04	65.04
1	GH-I	20		10.45	30.45
2	GH-II	20		10.9	30.9
3	CBD		10	14.94	24.94
4	Guru Angad Nagar			15.49	15.49
5	Karkadooma		10	10.44	20.44
6	Preet Vihar			10.07	10.07
7	CBD-II			7.2	7.2
8	Shakarpur			5.4	5.4
9	Jhilmil			9	9
10	Dilshad Garden	20		16.35	36.35
11	Khichripur	20		10.49	30.49
12	Mother Dairy				
13	Scope Building				
14	Vivek Vihar				
	Total				285.77
15	Najafgarh S/stn	60		5.04	65.04
1	A4 Paschim Vihar			10.9	10.9
2	Nangloi	20		15.85	35.85
3	Nangloi W/W	20		5.45	25.45
4	Pankha Road			15.69	15.69
5	Jaffarpur			15.49	15.49
7	Sagarpur			15.9	15.9
8	Paschimpuri		10	15.53	25.53
9	Paschim Vihar	40		15.44	55.44
10	Mukherjee Park			15.49	15.49
11	Udyog Nagar			10.08	10.08
12	Choukhandi			10.08	10.08
	Total				300.94

Sl. No	Name of the Grid S/Sub-Station	INSTALLED CAPACITY			
		66KV	33kV	11kV	TOTAL
16	Pappankalan-I S/stn	20		5.04	25.04
1	Bindapur	20		15.9	35.9
2	Bodella-I	20		15.9	35.9
3	Bodella-II	20		14.53	34.53
4	DC Febakpuri			10.04	10.04
5	G-2 PPK (Nasirpur)			10.9	10.9
6	G-5 PPK (Matiala)			15.53	15.53
7	G-6 PPK			5.45	5.45
8	Harinagar	20		10.49	30.49
	Total				203.78
17	BBMB Rohtak Road				
1	S.B. Mill			10.08	10.08
1	GTK Road			12.64	12.64
1	Ram Pura			12.25	12.25
1	Rohtak Road			10.08	10.08
1	Vishal		10	5	15
1	Madipur			10.43	10.43
1	Sudershan Park			10.99	10.99
	Total				81.47
18	ShaliAprbagh S/stn		40	6	46
1	S.G.T. Nagar			13.15	13.15
2	Wazirpur-1			18.8	18.8
3	Wazirpur-2			14.4	14.4
4	ShaliAprbagh			5.44	5.44
5	Ashok Vihar			20.47	20.47
6	Rani Bagh			14.4	14.4
7	Haiderpur			13.15	13.15
8	SMB Fsc			7.2	7.2
	Total				153.01
19	Subzimandi S/stn			6	6
1	Shakti Nagar			5.04	5.04
2	Gulabibagh			7.32	7.32
3	Shahzadabagh			18.19	18.19
4	Tripolia			14.4	14.4
5	B. G. Road				
	Total				50.95
20	Narela S/stn	40		5.04	45.04
1	A-7 Narela			14.4	14.4
2	AIR Kham pur			13.15	13.15
3	Badli	20		5.95	25.95
4	DSIDC Narela-1	20		5.95	25.95
5	DSIDC Narela-2			14.4	14.4
6	Jahangirpuri				
	Total				138.89

Sl. No	Name of the Grid S/Sub-Station	INSTALLED CAPACITY IN MVAR			
		66KV	33kV	11kV	TOTAL
21	Gopalpur S/stn		30	5.04	35.04
1	Azad Pur			21.6	21.6
2	Hudson Lane			5.95	5.95
3	Wazirabad			7.2	7.2
4	Indra Vihar			5.95	5.95
5	Tri Nagar			14.4	14.4
6	GTK Road			12.64	12.64
7	Jahangirpuri	20	20	5.95	45.95
8	DIFR			7.2	7.2
8	Civil lines				
	Total				155.93
22	Rohini S/stn	40		6	46
1	Rohini Sec-22			14.4	14.4
2	Rohini Sec-23	20		5.95	25.95
3	Rohini Sec-24			7.2	7.2
4	Rohini-1			5.95	5.95
5	Rohini-2			13.15	13.15
6	Rohini-3			5.95	5.95
7	Rohini-4			11.9	11.9
8	Rohini-5			13.15	13.15
9	Rohini-6	20		5.95	25.95
10	Mangolpuri-1			20.35	20.35
11	Mangolpuri-2	20		6	26
12	Saraswati Garden			11.9	11.9
13	Pitam Pura-1	20		12.6	32.6
14	Pitam Pura-2			12.24	12.24
15	Pitam Pura-3			7.32	7.32
	Total				280.01
23	Kanjhawala S/stn	20		5.04	25.04
1	Bawana Clear Water			14.64	14.64
2	Pooth Khoord			7.2	7.2
	Total				46.88
24	BAWANA S/stn				
1	Bawana S/stn No. 6			14.64	14.64
2	Bawana S/stn No. 7			7.2	7.2
	Total				21.84
25	Kashmeregata			5.04	5.04
1	Civil lines			12	12
2	Town Hall			10.49	10.49
3	Fountain			5.45	5.45
	Total				32.98
26	Pappankalan-II				
1	DMRC-I				
2	DMRC-II				
	Total				0

DETAILS OF BREAK-DOWNS

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REAPRKS
	DATE	TIME		DATE	TIME	
01	01.04.10	14.41	220KV WAZIRABAD – KASHMIRI GATE CKT-II	01.04.10	15.26	CKT. TRIPPED ON GFC-STW1, GFC-STW2, GFC-STW3, Z1 TRIP, ZM2 START AT WAZIRABAD. NO TRIPPING AT KASHMIRI GATE
02	01.04.10	18.34	220KV IP – PATPAR GANJ CKT-I	01.04.10	18.52	CKT. TRIPPED ON ACTIVE GROUP-I, DIST PROT `ABC` PHASE ZONE-I AT PATPARGANJ AND ON DIST PROT `ABC` PHASE ZONE-I, 86X, 186 AT IP STATION.
03	02.04.10	11.11	220/66KV 100MVA PR. TR.-II AT WAZIRABAD	02.04.10	18.48	TR. TRIPPED ON LV REF
04	02.04.10	13.25	33/11KV 16MVA PR. TR.-I AT NARAINA	02.04.10	20.08	TR. TRIPPED ON DIFFERENTIAL, 87R, E/F, 86 ALONG WITH 11KV I/C-I
05	02.04.10	14.50	220KV WAZIRABAD – GEETA COLONY CKT-II	02.04.10	18.05	CKT. TRIPPED ON GFC-STWL2-L3, GFC STFW PHASE TO E, ZM-2, ZM-3 TRIP, ZM-2, ZM-3 START AT WAZIRABAD AND ON DIST PROT `ABC` PHASE ZONE-I, ACTIVE GROUP-I AT GEETA COLONY.
06	02.04.10	14.50	220KV MANDOLA – WAZIRABAD CKT-III	02.04.10	15:04	CKT. TRIPPED ON DIST PROT `R` PHASE ZONE-I AT MANDOLA AND
07	02.04.10	14.50	220/66KV 100MVA PR. TR.-I & II AT WAZIRABAD	02.04.10	15:28 18:45	TR. TRIPPED ON E/F ALONG WITH 66KV I/C-I & II WHICH TRIPPED ON 86.
08	02.04.10	22.45	220KV BTPS – MEHRAULI CKT	02.04.10	23.15	CKT. TRIPPED ON DIST PROT `A` PHASE ZONE-I, 86A&B AT MEHRAULI. NO TRIPPING AT BTPS
09	03.04.10	03.00	220KV PANIPAT – NARELA CKT-III	03.04.10	10:10	CKT. TRIPPED ON 186 AT NARELA.
10	04.04.10	20.12	220KV IP – PATPAR GANJ CKT-I	04.04.10	20.12	CKT. TRIPPED ON DIST PROT `ABC` PHASE ZONE-II AT IP AND ON DIST PROT ZONE-I, 86X AT PATPARGANJ.
11	05.04.10	18.53	22066KV 100MVA PR. TR.-I AT PATPARGANJ	06.04.10	13.55	TR. TRIPPED ON 86, BUCHLOZ ALONG WITH 66KV I/C-I WHICH TRIPPED ON INTERTRIPPING. 66KV BUS COUPLER ALSO TRIPPED ON E/F. `B` PHASE `Y` POLE OF CB DAMAGED.
12	05.04.10	19.03	400KV BAMNAULI – BAWANA CKT-II	05.04.10	19.27	AT BAWANA : ADDED TRIP 186A&B (CB NO. 352 & 452). CB NO.152 CONTROLLING BAMNAULI CKT-I TRIPPED ON 186A&B AT BAMNAULI : CB-452 TRIPPED ON `A` PHASE Z ZONE-I, DIST PROT MAIN CB-2 186A&B, AUTO RECLOSE LOCK OUT, TRIP SUPERVISION RELAY 295AC, POLE DISCREPANCY
13	06.04.10	15.38	33/11KV 20MVA PR. TR. AT SHALIMAR BAGH	06.04.10	22.50	TR. TRIPPED ON WINDING TEMP. ALARM, 86, OLTC BUCHLOZ, OIL SUDDEN PRESSURE 30D ALONG WITH ITS 11KV I/C.
14	06.04.10	23.49	33/11KV 20MVA PR. TR.-I AT LODHI ROAD	07.04.10	17.40	TR. TRIPPED ON DIFFERENTIALA LONG WITH 11KV I/C-I WHICH TRIPPED WITHOUT INDICATION.
15	09.04.10	11.40	220KV BTPS – MEHRAULI CKT-I	09.04.10	12.39	CKT. TRIPPED ON `B` PHASE E/F AT BTPS. NO TRIPPING AT MEHRAULI.
16	09.04.10	13.37	220KV BTPS – MEHRAULI CKT-I	09.04.10	15.35	CKT. TRIPPED ON `B` PHASE E/F AT BTPS. NO TRIPPING AT MEHRAULI.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REAPRKS
	DATE	TIME		DATE	TIME	
17	09.04.10	17.10	220KV PATPARGANJ – GEETA COLONY CKT-II	09.04.10	17.27	CKT. TRIPPED ON ACTIVE GROUP-I, 186, DIST PROT `ABC` PHASE ZONE-I AT PATPARGANJ AND ON ACTIVE GROUP-I, E/F, DIST PROT `ABC` PHASE ZONE-I AT GEETA COLONY
18	10.04.10	06.26	220KV WAZIRABAD – KASHMIRI GATE CKT-I	10.04.10	06.43	CKT. TRIPPED ON DIST PROT `A` PHASE ZONE-I, 86A, 86 AT KASHMIRI GATE. NO TRIPPING AT WAZIRABAD
19	10.04.10	16.33	33/11KV 16MVA PR. TR.-I AT PATPARGANJ	10.04.10	21.54	CKT. TRIPPED ON DIFFERENTIAL `B&C` PHASE, 86 ALONG WITH 11KV I/C-I.
20	11.04.10	09.48	220/33KV 100MVA PR. TR.-I AT SUBZI MANDI	11.04.10	19.13	TR. TRIPPED ON 87, INSTANTANEOUS E/F, 86 ALONG WITH 33KV I/C-I WHICH TRIPPED ON 86
21	11.04.10	12.24	220KV BTPS – MEHRAULI CKT-I	11.04.10	19.03	CKT. TRIPPED ON 30C E/F AT BTPS AND ON DIST PROT ABC` PHASE ACTIVE GROUP-I, 186, 86X AT MEHRAULI. CKT. TRIED TO CLOSE AT 13.59HRS. BUT DID NOT HOLD. CKT. FINALLY CHARGED AT 19.03HRS.
22	12.04.10	08.13	220KV SARITA VIHAR – MAHARANI BAGH CKT	12.04.10	08.35	CKT. TRIPPED ON `Y` PH. NEUTRAL TRIP AT MAHARANI BAGH AND ON DIST PROT `B` PHASE 186AB AT SARITA VIHAR.
23	12.04.10	16.00	33/11KV 16MVA PR. TR.-I AT SUBZI MANDI	12.04.10	16.15	TR. TRIPPED ON 86, NON DIRECTIONAL E/F ALONG WITH 11KV I/C-I WHICH TRIPPED ON `R&B` PHASE E/F
24	13.04.10	13.50	220KV BTPS – MEHRAULI CKT-I	13.04.10	18.04	CKT. TRIPPED ON ACTIVE GROUP-I, 186, DIST PROT `C` PH ZONE-I AT MEHRAULI AND ON `C` PH. E/F AT BTPS.
25	13.04.10	15.10	220/66KV 160MVA TR AT VASANT KUNJ	13.04.10	17.10	TR. TRIPED ON 86, 51X ALONG WITH ITS 66KV I/C WHICH TRIPPED ON 86, `Y` PHASE O/C.
26	13.04.10	18.32	66/11KV 20MVA PR. TR.-II AT PAPPANKALAN-II	13.04.10	18.51	TR. TRIPPED ON LBB PROT, OCC `R` PHASE, 86
27	13.04.10	19.20	220/33KV 50MVA PR. TR.-I & II AT OKHLA	13.04.10	20.08	TR-I TRIPPED ON 95C, 51AX, 86 AND TR.-II TIPPED ON 51AX, BACK UP PROTEC, 86 ALONG WITH 33KV I/C-II WHICH TRIPPED ON `R` PHASE E/F. TR.-I & II CHARGED AT 03.20HRS. ON 14.04.2010 AND 20.08HRS. ON 13.04.2010 RESPECTIVELY.
28	14.04.10	00.50	400/220KV 315MVA ICT-I, II & III AT BAMNAULI	14.04.10	02:02 20:01 1:42 4:45	THE FOLLOWING TRIPPINGS OCCURRED : ICT-I : 96, BB1, EX2, BB2, EX2, BB1EX1 ICT-II : 96, 197, 30AH, 67X, 186AB ICT-III : 186AB, 652X, TRIP RELAY GROUP-I, GROUP-A, GROUP-B ICT-IV : 75A, 75C, 86A1, TRIP RELAY GROUP-A, GROUP-B, 97 220KV I/C-I : 297, 175C, 295AC, 175 220KV I/C-II : 175C, 175D, 295CC 220KV I/C-III : 75 220KV I/C-IV : 86 ICT-I, II, III & IV CHARGED AT 02.02HRS, 20:01HRS, 01.42HRS AND 04.45HRS RESPECTIVELY.
29	14.04.10	00.50	400KV BAWANA – BAMNAULI CKT-I & II	14.04.10	1:16	DUE TO OPERATION OF BUS BAR PROT. AT BAMNAULI FOLLOWING TRIPPINGS OCCURRED : AT BAWANA : 400KV BAMNAULI CKT-I : DIST PROT `B` PHASE, 30C, BREAKER ALARM, 2/80AC, 30CX2, 30CH-I 400KV BAMNAULI CKT-II : AUTO RECLOSE `B` PHASE, 130F, BREAKER ALARM.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REAPRKS
	DATE	TIME		DATE	TIME	
30	14.04.10	00.50	400KV BALLABHGARH – BAMNAULI CKT-I & II	14.04.10	8:26	CKT TRIPPED AT BAMNAULI DUE TO OPERATION OF BUS BAR PROT
31	15.04.10	11.10	220KV MANDOLA – GOPALPUR CKT-II	15.04.10	11.30	CKT. TRIPPED ON DIST PROT `B` PHASE ZONE-I AT MANDOLA. NO TRIPPING AT GOPALPUR
32	15.04.10	12.21	220KV MANDOLA – GOPALPUR CKT-II	15.04.10	20.45	CKT. TRIPPED ON DIST PROT `B` PHASE AT MANDOLA. NO TRIPPING AT GOPALPUR
33	15.04.10	13.34	220KV MANDOLA – NARELA CKT-I	16.04.10	07.53	CKT. TRIPPED ON DIST PROT `ABC` PHASE ZONE-II AT NARELA AND ON CB AUTO TRIP AT MANDOLA.
34	15.04.10	13.45	220/33KV 100MVA PR. TR.-II AT SUBZI MANDI	15.04.10	14.38	TR. TRIPPED ON O/C, E/F, 86 ALONG WITH ITS 33KV I/C-II WHICH TRIPPED ON 86
35	15.04.10	15.10	220KV SARITA VIHAR – PRAGATI CKT	15.04.10	16.11	CKT. TRIPPED ON DIST PROT `C` PHASE ZONE-I AT SARITA VIHAR AND ON DIST PROT ZONE-1, 186 AT PRAGATI.
36	15.04.10	15.39	220KV SARITA VIHAR – MAHARANI BAGH CKT	15.04.10	15.39	CKT. TRIPPED ON DIST PROT `R` PHASE ZONE-I AT MAHARANI BAGH AND ON DIST PROT `C` PHASE ZONE-I AT SARITA VIHAR.
37	15.04.10	23.48	400/220KV 315MVA ICT-I, II,III & IV AT BAMNAULI	16.04.10	0:48 1:21 0:36 0:49	THE FOLLOWING TRIPPINGS OCCURRED : ICT-I : O/C, 500L AUX E/F, 67X,AUXILYARY BUS, BB1, EX1, AUX BUS-I, BB1 EX2, E/S BB2, EX1, EX2, 186A&B1 ICT-II : BUS BAR PROTECTION, 96 ICT-III : AUTO RECLOSE LOCK OUT, AUX PROT. ICT-IV : AUTO RECLOSE SCHEME AA TRIP GROUP-A, 86A, AUX B 86 B, 75A, 75C ICT-I, II, III & IV CHARGED AT 00.47HRS, 01.19HRS, 00.36HRS AND 00.41HRS RESPECTIVELY ON 16.04.2010
38	15.04.10	23.48	400KV BAWANA – BAMNAULI CKT-I & II	16.04.10	00.02	AT BAMNAULI : CKT-I. TRIPPED ON ZB, 96B, AUTO RECLOSE CB-II, 130D, 186A&B, ONLY CB-1852 TRIPPED. CKT-II TRIPPED ZONE LB, 96B, AUTO RECLOSE 186A&B AT BAWANA : CKT-I: MAIN-II BN AIDED TRIP DIST PROT ZONE-I, 186A&B, 30C, H-I, 30CH2
39	15.04.10	23.48	400KV BALLABHGARH – BAMNAULI CKT-I & II	16.04.10	00.02	AT BAMNAULI CKT-I : 130E, GENERAL LOCK OUT, OIL SF6, ONLY CB-452 TRIPPEDD CKT-II : ONLY CB-252 TRIPPED.
40	18.04.10	12.40	220KV BAMNAULI – PAPPANKALAN-I CKT-I	18.04.10	18.15	CKT. TRIPPED ON DIST PROT `A&B` PHASE ZONE-II, 186A&B, 30C, LOW AIR PRESSURE AT BAMNAULI. `R` PHASE CVT BLAST AT BAMNAULI END.
41	18.04.10	22.25	220/66KV 100MVA PR. TR.-I AT NARELA	19.04.10	20.22	TR. TRIPPED ON 51CX, 95A, TRIP CKT FAULTY ALONG WITH 66KV I/C-I. `Y` PHASE CT BLAST`
42	19.04.10	13.44	220KV BTPS – OKHLA CKT-II	19.04.10	14.31	CKT. TRIPPED ON DIST PROT `ABC` PHASE OZNE-I AT OKHLA AND ON OVER-LOAD RELAY AT BTPS.
43	19.04.10	14.59	220/66KV 100MVA PR. TR.-I AT PAPPANKALAN-II	19.04.10	19.15	TR. TRIPPED ON LBB PROT ALONG WITH 66KV I/C-I WHICH TRIPPED ON LBB, E/F
44	19.04.10	05.03	400KV BAWANA – BAMNAULI CKT-I	19.04.10	05.15	CKT. TRIPPED ON ANZ-I, ADDED TRIP, 195B, 295B, 195C, 295C, 186A&B AT BAWANA.
45	20.04.10	17.55	220/66KV 100MVA PR. TR.-I AT NARELA	21.04.10	19.20	TR. TRIPPED ON E/F, 186 ALONG WITH 66KV I/C-II & III WHICH TRIPPED ON E/F.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REAPRKS
	DATE	TIME		DATE	TIME	
46	22.04.10	16.02	220/33KV 100MVA PR. TR.-II AT PARK STREET	22.04.10	22.20	TR. TRIPPED ON 86A, 86A ALONG WITH 33KV I/C-II WHICH TRIPPED ON E/F, 51N.
47	25.04.10	08.34	220/66KV 100MVA PR. TR.-IV AT NAJAFGARH	25.04.10	19.45	TR. TRIPPED ON DIFFERENTIAL, 87TB, 86 ALONG WITH 66KV I/C-IV WHICH TRIPPED ON INTER TRIPPING.
48	25.04.10	11.26	220KV BTPS – MEHRAULI CKT-II	25.04.10	12.09	CKT. TRIPPED O `R` PHASE E/F AT BTPS. NO TRIPPING AT MEHRAULI.
49	26.04.10	13.30	220KV WAZIRABAD – GEETA COLONY CKT-I	26.04.10	13.38	CKT. TRIPPED ON DIST PROT `RYB` PHASE ZONE-I AT WAZIRABAD.
50	26.04.10	13.30	220KV PATPARGANJ – GEETA COLONY CKT-I	26.04.10	13.43	CKT. TRIPPED ON ACTIVE GROUP-II, DIST PROT ABC` PHASE ZONE-I, 30E, 86 AT GEETA COLONY AND ON ACTIVE GROUP-I, DIST PROT ABC PHASE ZONE-II AT PATPARGANJ.
51	28.04.10	16.48	220KV BAMNAULI – PAPPANKALAN-II CKT-I	28.04.10	21.16	CKT. TRIPPED ON 186A&B AT BAMNAULI. NO TRIPPING AT PAPPANKALAN-II
52	29.04.10	16.51	220KV BAMNAULI – NAJAFGARH CKT-I & II	29.04.10	17.45	CKT-I TRIPPED ON DIST PROT `B` PHASE ZONE-II, 186 AND CKT-II TRIPPED ON DIST PROT `C` PHASE ZONE-II, 186 AT BAMNAULI END. AT NAJAFGARH CKT-I TRIPPED ON DIST PROT `B` PHASE, 186 AND CKT-II TRIPPED ON DIST PROT `C` PHASE 186 CKT-I & II CHARGED AT 17.45HRS. AND 17.26HRS. RESPECTIVELY
53	30.04.10	03.12	220/33KV 100MVA PR. TR.-I AT GEETA COLONY	30.04.10	13:48	TR. TRIPPED ON BUCHLOZ, 86T, 30A ALONG WITH 33KV I/C-I WHICH TRIPPED ON CB AUTO TRIP, 30E
54	30.04.10	15.22	220KV BAMNAULI – NAJAFGARH CKT-I & II	30.04.10	16.10	FOLLOWING TRIPPING OCCURRED : AT BAMNAULI : NAJAFGARH CKT-I : DIST PROT ZONE-II NAJAFGARH CKT-II : DIST PROT `B` PHASE ZONE-II AT NAJAFGARH BAMNAULI CKT-I : DIST PROT `A` PHASE, 186 BAMNAULI CKT-II : DIST PROT `C` PHASE, 186 CKT-I & II CHARGED AT 16.10HRS. AND 08.08HRS. (01.05.2010)
55	30.04.10	21.15	33/11KV 16MVA PR. TR.-II AT SUBZI MANDI	01.05.10	00.12	TR. TRIPPED ON 30ABC, DEF, AUXILIARY RELAY, 86

DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
01.04.10	1	23:20	23:30	220kV SUBZI MANDI	33kV TRIPOLIA CKT., 33kV GULABI BAGH CKT.	27
03.04.10	1	18:25	18:30	220kV SHALIMARBAGH	33kV KHOSLA O/H CKT-II, 33kV WAZIRPUR-II CKT. -I	33
	2	19:06	19:58	220kV SHALIAMRBAGH	33kV S.G.T.NAGAR CKT, 33kV RANI BAGH CKT. I &II	27
	3	19:05	19:58	220kV ROHINI	66kV ROHINI -V CKT. I&II	41
	4	19:09	20:05	33kV ASHOK VIHAR	5 NOS. 11KV FEEDERS	7
	5	19:10	20:00	33kV ROHTAK ROAD	33kV RAMA ROAD	12
	6	19:10	20:05	33kV G.T.KARNAL ROAD	4 NOS. 11KV FEEDERS	6
	7	19:10	20:05	33kV AZADPUR	6 NOS. 11KV FEEDERS	8
	8	18:25	18:32	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	15
04.04.10	1	8:46	8:50	220kV ROHINI	66kV ROHINI -V CKT. I&II	31
	2	8:47	8:50	220kV SHALIAMRBAGH	33kV S.G.T.NAGAR CKT, 33kV RANI BAGH CKT. I &II	20
	3	8:47	8:53	33kV AZADPUR	6 NOS. 11KV FEEDERS	6
	4	8:48	8:53	33kV G.T.KARNAL ROAD	4 NOS. 11KV FEEDERS	5
05.04.10	1	14:55	15:00	220kV SUBZI MANDI	33kV TRIPOLIA CKT., 33kV GULABI BAGH CKT. 1 FEEDER	26
	2	20:13	20:28	220kV SHALIMARBAGH	33kV KHOSLA O/H CKT-II, 33kV WAZIRPUR-II CKT. -I	32
	3	23:05	23:15	220kV ROHINI	66kV ROHINI -VI CKT. I&II	38
	4	17:45	17:58	220kV GAZIPUR	66kV KONDLI CKT. I & II AND 2 NOS. 11KV FEEDERS	26
	5	20:13	20:28	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	11
	6	17:45	17:58	220kV NAJAFGARH	66kV BODELA -II CKT.	50
	7	19:05	19:10	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II 33kV NEHRU PLACE CKT. -IV	60
	8	20:13	20:28	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT. 66kV RAIL POLE BATRA	52
06.04.10	1	14:55	15:00	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I &II AND ONE 11KV FEEDER	26
07.04.10	1	14:34	14:55	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II, 11KV LOAD	14
	2	16:18	16:24	220kV SUBZI MANDI	33kV GULABI BAGH CKT., 33kV TRIPOLIA CKT., 33kV DELHI UNIVERSITY CKT.	18
	3	16:37	16:48	220kV SUBZI MANDI	33kV GULABI BAGH CKT, 33kV TRIPOLIA CKT. 33kV DELHI UNIVERSITY CKT.	18
	4	16:40	17:00	66kV A-7 NARELA	11KV LOAD	5
	5	16:40	17:09	33kV INDERPURI	11KV LOAD	14
	6	18:12	18:16	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	64
	7	20:46	20:51	220kV OKHLA	66kV OKHLA PH-I CKT. I & II, 33kV MASJID MOTH CKT.	54
	8	21:07	21:20	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II, 33kV NEHRU PLACE CKT. -IV	54
	9	21:26	21:34	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II, 33kV NEHRU PLACE CKT. -IV	54

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
08.04.10	1	14:46	15:00	33kV CIVIL LINE, 33KV ASHOK VIHAR 33kV INDRA VIHAR	11KV LOAD	26
	2	19:00	19:30	33kV RAMA ROAD, 33KV RAMPURA 33KV SHAHZAWALA BAGH	11KV LOAD	33
	3	21:21	22:20	66kV PITAMPURA-I, 33kV S.G.T.NAGAR	11KV LOAD	13
	4	22:18	22:52	33kV AZADPUR, 33kV HUDSON LANE, 33kV INDRA VIHAR	11KV LOAD	28
	5	23:03	23:42	220kV SHALIMARBAGH	33kV KHOSLA O/H CKT-II, 33kV WAZIRPUR-II CKT. -I	27
	6	19:00	19:04	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	75
	7	19:09	19:20	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	29
	8	19:02	19:04	220kV WAZIRABAD-I	66kV GHONDA CKT. I & II	29
	9	23:04	23:40	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	7
	10	14:50	14:53	220kV MEHRAULI	66kV MALVIYA NAGAR CKT. I & II	70
	11	18:09	18:17	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR. AND ONE 11KV FEEDER	31
	12	18:58	19:04	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II, 20MVA PR. TR. AND ONE 11KV FEEDER	31
	13	19:11	19:23	220kV NAJAFGARH	66kV BODELA -II CKT.-II	48
	14	19:17	19:21	220kV PAPANKALAN-I	66kV BINDAPUR CKT. I &II AND 11KV LOAD	31
	15	21:19	21:28	220kV OKHLA	66kV OKHLA PH-I CKT. I & II, 33kV MASJID MOTH CKT.	36
	16	21:39	21:48	220kV OKHLA	66kV OKHLA PH-I CKT. I & II, 33kV MASJID MOTH CKT.	36
	17	22:03	22:56	220kV OKHLA	66kV OKHLA PH-I CKT. I & II, 33kV MASJID MOTH CKT.	35
	18	22:04	22:44	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II, 33kV NEHRU PLACE CKT. -IV	42
	19	23:04	23:40	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II, 33kV NEHRU PLACE CKT. -IV	42
	20	23:32	23:40	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT 66kV RAIL POLE BATRA.	53
09.04.10	1	0:27	0:40	220kV SHALIMARBAGH	33kV RANI BAGH CKT. I&II, 33kV SGT NAGAR CKT.	30
	2	0:25	0:40	220kV ROHINI	66kV ROHINI -VI CKT. I&II	40
	3	1:03	1:33	220kV ROHINI	66kV ROHINI SEC. 24 CKT. I&II	69
	4	5:15	6:00	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I&II AND 11KV LOAD	11
	5	5:05	6:00	220kV SUBZI MANDI	11KV LOAD	3
	6	5:20	6:03	33kV PUSA ROAD, 33kV PVR PAYAL, 33kV SARASWATI GARDEN	11KV LOAD	18
	7	15:44	16:00	33kV AZADPUR, 33kV TRI NAGAR, 33kV AIR KHAMPUR 66kV PITAMPURA-I	11KV LOAD	27
	8	19:13	19:25	66kV ROHINI-VI, 66kV ROHINI 22, 66kV ROHINI 23 66kV PITAMPURA-I	11KV LOAD	49
	9	20:39	20:50	33kV TRI NAGAR, 33kV RAMA ROAD, 33kV SHAHZADAWALA BAGH	11KV LOAD	20
	10	21:15	21:42	66kV ROHINI-I	11KV LOAD	7
	11	22:06	23:10	66kV PITAMPURA-I	11KV LOAD	11
	12	5:26	6:00	220kV MEHRAULI	66kV VASANT KUNJ 'D' BLK CKT. I&II AND 11KV LOAD	0

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
09.04.10	13	11:05	11:30	220kV OKHLA	66kV OKHLA PH-I CKT. I & II, 33kV MASJID MOTH CKT	48
	14	15:43	15:53	220kV MEHRAULI	66kV MALVIYA NAGAR CKT. I & II	45
	15	19:12	19:16	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR. AND 11KV LOAD	37
	16	19:29	19:54	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR. AND 11KV LOAD	37
	17	20:12	20:49	220kV NAJAFGARH	66kV BODELA -II CKT.-II	50
	18	20:55	21:09	220kV NAJAFGARH	66kV BODELA -II CKT.-II	42
	19	21:12	22:12	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	20
	20	21:16	22:16	220kV PAPANKALAN	66kV G-2 PAPANKALAN CKT. I&II AND 11KV LOAD	77
	21	22:05	22:38	220kV OKHLA	66kV OKHLA PH-I CKT. I & II, 33kV MASJID MOTH CKT.	42
	22	22:09	22:56	220kV PAPANKALAN	66kV G-6 PAPANKALAN CKT. I&II, 66kV BODELA-I CKT, 66kV REWARI LINE CKT.	89
	23	23:06	23:54	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II, 33kV NEHRU PLACE CKT. -IV	48
	24	5:05	6:00	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	8
	25	20:09	20:46	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	42
	26	20:55	21:10	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	42
27	21:10	22:15	220kV GAZIPUR	66kV KONDLI CKT. I&II AND 11KV LOAD	40	
10.04.10	1	11:04	11:43	66kV PITAMPURA-I	11KV LOAD	9
	2	11:04	11:53	33kV RAMA ROAD	11KV LOAD	14
	3	11:05	11:46	33kV SHAHZADAWALA BAGH	11KV LOAD	13
	4	11:05	11:48	33kV TRI NAGAR	11KV LOAD	3
	5	11:07	11:22	220kV PAPANKALAN-I	66kV REWARI LINE CKT. 66kV G-5 PAPANKALAN CKT. I&II 66kV BODELA -I CKT	82
	6	19:10	19:28	33kV TRI NAGAR	11KV LOAD	3
	7	19:10	19:28	66kV BAWANA CW	11KV LOAD	5
	8	19:10	19:28	33kV PVR PAYAL	11KV LOAD	7
	9	19:10	19:28	33kV PUSA	11KV LOAD	8
	10	19:10	19:28	33kV RAMA ROAD	11KV LOAD	8
	11	19:10	19:28	33kV SARASWATI GARDEN	11KV LOAD	12
	12	19:10	19:28	33kV INDERPURI	11KV LOAD	13
	13	11:04	11:22	220kV OKHLA	66kV OKHLA PH-I CKT. I & II, 33kV MASJID MOTH CKT.	48
	14	20:09	20:24	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II, 20MVA PR. TR. AND 11KV LOAD	44
	15	20:37	21:07	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II, 20MVA PR. TR. AND 11KV LOAD	44
	16	21:15	21:19	220kV NAJAFGARH	66kV BODELA-II CKT. II	52
	17	21:09	21:16	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	52
11.04.10	1	23:10	23:21	220kV GAZIPUR	66kV KONDLI CKT. I&II AND 11KV LOAD	45
12.04.10	1	5:36	5:45	220kV ROHINI	66kV ROHINI -VI CKT. I&II	28
	2	19:08	19:45	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I&II AND 11KV LOAD	17
	3	19:08	19:45	220kV ROHINI	66kV ROHINI -VI CKT. I&II	9
	4	19:08	19:45	220kV ROHINI	66kV ROHINI SEC. 23 CKT. I&II	12
	5	20:20	20:24	220kV SUBZI MANDI	33kV GULABI BAGH, TRIPOLIA	41
	6	19:22	19:46	220kV MEHRAULI	66kV VASANT KUNJ 'D' BLK CKT. I&II	0
	7	22:06	22:50	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II, 20MVA PR. TR. AND 11KV LOAD	36

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
13.04.10	1	5:38	5:57	220kV ROHINI	66kV ROHINI SEC. 24 CKT. I&II, 66kV NANGLOI CKT.	69
	2	20:07	20:21	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I&II AND 11KV LOAD	17
	3	0:57	1:08	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	8
	4	11:20	11:50	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II, 20MVA PR. TR. AND 11KV LOAD	33
	5	13:50	14:09	220kV OKHLA	66kV OKHLA PH-I CKT. I & II 33kV MASJID MOTH CKT.	48
	6	23:06	23:14	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II, 20MVA PR. TR. AND 11KV LOAD	48
	7	0:54	1:08	220kV GAZIPUR	66kV KONDLI CKT. I&II	46
	8	5:38	5:57	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.	4
	9	19:08	19:30	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	15
14.04.10	1	5:54	5:57	220kV ROHINI	66kV ROHINI -V CKT. I&II	40
	2	18:50	19:02	220kV KASHMIRI GATE	11KV LOAD	5
	3	21:10	21:29	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I&II AND 11KV LOAD	14
	4	22:08	22:59	220kV SUBZI MANDI	33kV TRIPOLIA CKT., 33kV GULABI BAGH CKT., 33kV SHAHZADAWALA BAGH CKT. I&II, 33kV G.T.KARNAL ROAD CKT.	40
	5	13:56	14:04	33kV SHAHZADAWALA BAGH, 33kV GULABI BAGH, 33kV CIVIL LINE, 33kV TRIPOLIA	11KV LOAD	24
	6	15:16	15:59	33kV AZADPUR, 33kV G.T.K.ROAD, 33kV HUDSON LANE, 33kV INDRA VIHAR	11KV LOAD	36
	7	18:50	19:39	66kV MANGOLPURI-I, 33kV HAIDERPUR, 33kV SMB KHOSLA, 33kV SMB FC	11KV LOAD	20
	8	19:10	19:46	33kV SHAHZADAWALA BAGH, 33kV GULABI BAGH, 33kV CIVIL LINE, 33kV TRIPOLIA	11KV LOAD	35
	9	19:10	20:00	33kV GULABI BAGH, 33kV ROHTAK ROAD, 33kV ANAND PARVAT	11KV LOAD	7
	10	20:03	21:06	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	18
	11	20:31	21:05	66kV PITAMPRUA-I 33kV RAMPURA	11KV LOAD	17
	12	21:10	21:42	33kV PUSA, 33kV PVR PAYAL	11KV LOAD	10
	13	22:33	23:35	33kV CIVIL LINE (NEW), 33kV INDERPURI, 66kV BAWANA CLEAR WATER	11KV LOAD	25
	14	23:05	23:50	33kV RAMPURA	11KV LOAD	10
	15	7:35	7:40	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II	80
	16	13:40	13:45	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	5
	17	13:54	14:00	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	5
	18	14:51	15:21	220kV OKHLA	66kV OKHLA PH-I CKT. I & II 33kV MASJID MOTH CKT.	54
	19	15:14	16:03	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II, 33kV NEHRU PLACE CKT. -IV	85
	20	19:12	19:30	220kV MEHRAULI	66kV MALVIYA NAGAR CKT. I & II	68
	21	20:19	20:23	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II	94

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
14.04.10	22	20:50	20:58	220kV MEHRAULI	66kV VASANT KUNJ 'C' BLK CKT. I&II	27
	23	21:12	21:40	220kV MEHRAULI	66kV VASANT KUNJ 'D' BLK CKT. I&II	9
	24	13:40	13:45	220kV GAZIPUR	66kV KONDLI CKT. I&II	33
	25	13:54	14:00	220kV GAZIPUR	66kV KONDLI CKT. I&II	33
	26	16:18	16:23	220kV PATPARGANJ	66kV GROUP HOUSING -I CKT. 33kV GURU ANGAD NAGAR CKT I&II, 33kV KARKAR DOOMA CKT I&II, 33kV CBD SHAHDRA CKT, 33kV GEETA COLONY CKT I&II AND 11KV LOAD	104
	27	23:06	23:27	220kV WAZIRABAD-I	66kV SHASTRI PARK CKT. I & II	45
15.04.10	1	5:07	5:28	220kV SHALIMARBAGH	33kV KHOSLA O/H CKT-II, 33kV WAZIRPUR-II CKT. -I	20
	2	5:36	5:47	220kV SHALIMARBAGH	33kV KHOSLA O/H CKT-II, 33kV WAZIRPUR-II CKT. -I	20
	3	17:10	17:59	220kV SHALIMARBAGH	33kV KHOSLA O/H CKT-II, 33kV WAZIRPUR-II CKT. -I	34
	4	18:06	18:16	220kV ROHINI	66kV ROHINI SEC. 24 CTK. I &II	63
	5	18:26	18:50	220kV ROHINI	66kV ROHINI SEC. 24 CTK. I &II	63
	6	18:54	18:59	220kV ROHINI	66kV ROHINI SEC. 24 CTK. I &II	63
	7	19:08	19:49	KASHMIRI GATE 220kV	11KV LOAD	8
	8	19:08	19:47	220kV ROHINI	66kV ROHINI -VI CKT. I&II	41
	9	20:00	20:20	220kV ROHINI	66kV ROHINI -VI CKT. I&II	39
	10	21:04	21:55	220kV SUBZI MANDI	11KV LOAD	8
	11	22:45	23:25	220kV SUBZI MANDI	11KV LOAD	8
	12	22:03	23:25	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I&II AND 11KV LOAD	21
	13	23:07	24:00	220kV SUBZI MANDI	33kV TRIPOLIA CKT.	15
	14	13:50	14:05	220kV ROHTAK ROAD	11KV LOAD	17
	15	18:15	19:05	220kV ROHTAK ROAD	11KV LOAD	18
	16	23:50	24:00	220kV ROHTAK ROAD	11KV LOAD	7
	17	5:22	5:50	33kV G.T.K.ROAD, 33kV TRI NAGTAR, 33kV AZADPUR	11KV LOAD	18
	18	17:49	18:56	33kV G.T.K.ROAD, 33kV TRI NAGTAR, 33kV AZADPUR	11KV LOAD	22
	19	18:12	19:49	A-7 NARELA	11KV LOAD	1
	20	19:08	20:15	33kV HAIDERPUR, 33kV SMB. KHOSLA,	11KV LOAD	20
	21	20:02	21:03	33kV CIVIL LINE, 33kV AZADPUR, 33kV TRI NAGAR	11KV LOAD	24
	22	20:02	21:15	33kV AIR KHAMPUR	11KV LOAD	5
	23	20:03	20:59	33kV G.T.K.ROAD	11KV LOAD	7
	24	21:03	22:23	33kV RAMPURA	11KV LOAD	12
	25	21:07	22:11	66kV ROHINI-VI, 66kV ROHINI-II, 66kV ROHINI -I	11KV LOAD	36
	26	22:03	23:06	33kV PVR PAYAL	11KV LOAD	5
	27	23:00	23:48	66kV BAWANA C.W. 33kV INDERPURI	11KV LOAD	16
	28	5:07	5:28	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT.	27
	29	5:36	5:47	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT.	27
	30	11:10	11:20	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II AND 11KV LOAD	93
	31	12:19	12:24	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II AND 11KV LOAD	93
	32	20:54	21:32	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II AND 11KV LOAD	87

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
15.04.10	33	23:50	23:58	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II AND 11KV LOAD	75
	34	15:24	15:54	220kV OKHLA	66kV OKHLA PH-I CKT. I & II AND 33kV MASJID MOTH CKT.	60
	35	23:04	24:00	220kV OKHLA	66kV OKHLA PH-I CKT. I & II AND 33kV MASJID MOTH CKT.	46
	36	17:09	17:29	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT.	28
	37	17:47	18:00	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT.	28
	38	20:04	21:04	220kV MEHRAULI	66kV MALVIYA NAGAR CKT. I & II	59
	39	20:33	21:35	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR. AND 11KV LOAD	18
	40	21:08	21:30	220kV MEHRAULI	66kV VASANT KUNJ 'C' BLK CKT. I&II AND 11KV LOAD	31
	41	21:38	21:55	220kV MEHRAULI	66kV VASANT KUNJ 'C' BLK CKT. I&II AND 11KV LOAD	31
	42	21:37	21:55	220kV PAPANKALAN-I	66kV BINDAPUR CKT. I & II AND 11KV LOAD	90
	43	22:00	22:50	220kV NAJAFGARH	66kV BODELA -II CKT.-II	47
	44	21:38	21:55	220kV MEHRAULI	66kV VASANT KUNJ 'D' BLK CKT. I&II	31
	45	22:44	23:44	220kV NAJAFGARH	66kV JAFARPUR CKT. I & II	9
	46					
	47	22:43	23:45	220kV PAPANKALAN	66kV G-2 PAPANKALAN CKT. I&II AND 11KV LOAD	85
	48	23:05	23:22	220kV I.P.STN.	33kV BAY NO. 25, 24, 37 & 33kV DEFENCE COLONY CKT.	25
	49	23:05	23:48	220kV PAPANKALAN-I	66kV REWARI LINE, 66kV G-5 PAPANKALAN CKT. I&II	59
	50	19:10	19:40	ROHTAK ROAD	11KV LOAD	19
	51	20:00	21:10	ROHTAK ROAD	11KV LOAD	18
	52	23:50	24:00	ROHTAK ROAD	11KV LOAD	33
	53	5:07	5:29	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	6
	54	5:36	5:47	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	6
	55	17:09	17:58	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	17
	56	13:50	14:05	220kV KASHMIRI GATE	33kV TOWN HALL CKT	3
	57	18:06	18:22	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.-II	11
	58	18:26	18:48	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.-II	11
	59	18:54	18:59	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.-II	11
	60	20:32	21:32	220kV KASHMIRI GATE	11KV LOAD	4
	61	21:04	21:55	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	13
	62	22:45	23:25	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	14
	63	21:38	21:55	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I & II	65
	64	22:43	23:43	220kV GAZIPUR	66kV KONDLI CKT. I & II AND 11KV LOAD	30
	65	23:12	23:30	220kV WAZIRABAD	66kV SHASTRI PARK CKT. I&II	45
	16.04.10	1	10:45	10:50	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I&II AND 11KV LOAD
2		21:57	23:31	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I&II AND 11KV LOAD	16
3		0:01	0:03	220kV SUBZI MANDI	33kV TRIPOLIA CKT.	17
4		11:03	11:35	220kV SUBZI MANDI	33kV TRIPOLIA CKT.	9
5		11:52	11:57	220kV SUBZI MANDI	33kV TRIPOLIA CKT.	5
6		22:58	23:48	220kV SUBZI MANDI	33kV TRIPOLIA CKT.	13
7		14:45	15:45	220kV NARELA	66kV JAHANGIRPURI CKT. I & II	70
8		16:17	17:05	220kV ROHINI	66kV ROHINI -VI CKT. I&II	18
9		19:08	19:59	220kV ROHINI	66kV ROHINI -VI CKT. I&II	18
10		17:12	17:59	220kV SHALIMARBAGH	33kV WAZIRPUR-II CKT. -I	18

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
16.04.10	11	18:11	18:46	220kV ROHINI	66kV ROHINI SEC. 24 CKT. I&II, 66kV NANGLOI CKT. I&II	46
	12	0:01	0:08	66kV BAWANA CW	11KV LOAD	7
	13	5:06	6:13	33kV AZADPUR, 33kV G.T.K., 33kV TRI NAGAR 33kV AIR KHAMPUR,	11KV LOAD	22
	14	8:14	9:15	33kV GULABI BAGH, 33kV CIVIL LINE, 33kV TRIPOLIA 33kV SHAHZADAWALA BAGH	11KV LOAD	19
	15	11:04	12:05	66kV BAWANA CW 33kV INDERPRI, 33kV CIVIL LINE	11KV LOAD	19
	16	15:12	17:08	33kV AIR KHAMPUR, 66kV MANGOLPURI-I	11KV LOAD	20
	17	15:13	18:04	66kV ROHINI SEC. 22, 66kV ROHINI-II	11KV LOAD	6
	18	15:13	18:39	66kV MANGOLPURI-II, 33kV SHAHZADAWALA BAGH	11KV LOAD	4
	19	15:44	16:14	33kV AZADPUR	11KV LOAD	4
	20	15:51	16:00	66kV POOTH KHURD	11KV LOAD	4
	21	15:52	16:25	66kV BAWANA CW	11KV LOAD	7
	22	16:15	16:48	33kV AZADPUR	11KV LOAD	4
	23	16:22	17:07	33kV HUDSON LANE, 33kV INDRA VIHAR, 33kV AZADPUR	11KV LOAD	86
	24	16:22	17:45	33kV G.T.K.ROAD	11KV LOAD	63
	25	16:23	17:25	33kV HUDSON LANE	11KV LOAD	59
	26	16:26	16:33	66kV BAWANA CW	11KV LOAD	63
	27	16:54	17:05	66kV BAWANA CW 33kV AZADPUR	11KV LOAD	10
	28	17:09	18:00	33kV AIR KHAMPUR, 66kV POOTH KHURD, 66kV BAWANA CW 66kV MANGOLPURI-I	11KV LOAD	34
	29	17:44	18:15	33kV ASHOK VIHAR, 33kV TRI NAGAR, 33kV AZADPUR, 33kV AIR KHAMPUR, 33kV G.T.K.ROAD	11KV LOAD	35
	30	17:56	18:01	66kV MANGOLPURI-I	11KV LOAD	14
	31	18:44	18:50	66kV A-7 NARELA	11KV LOAD	6
	32	19:12	20:12	33kV SHALIMARBAGH, 33kV SMB KHOSLA, 66kV MANGOLPURI-I	11KV LOAD	18
	33	20:01	21:07	33kV CIVIL LINE, 33kV ASHOK VIHAR, 33kV SHAHZADA WALA BAGH, 33kV GULABI BAGH, 33kV TRIPOLIA	11KV LOAD	46
	34	21:00	22:03	33kV S.G.T.NAGAR 66kV ROHINI-III, 66kV PITAMPURA-I	11KV LOAD	37
	35	22:05	23:00	33kV PVR PAYAL, 33kV PUSA, 33kV SARASWATI GARDEN	11KV LOAD	23
	36	23:05	23:58	BAWANA CW 33kV ASHOK VIHAR, 33kV CIVIL LINE, 33kV INDEPURI	11KV LOAD	38
	37	1:20	1:30	220kV NAJAFGARH	66kV BODELA-II CKT. II	47
	38	22:15	23:14	220kV NAJAFGARH	66kV BODELA-II CKT. II	64

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
16.04.10	39	1:23	1:29	220kV PAPANKALAN	66kV BINDAPUR CKT. I& II AND 11KV LOAD	90
	40	22:15	23:25	220kV PAPANKALAN	66kV BINDAPUR CKT. I& II AND 11KV LOAD	83
	41	4:57	5:30	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II, 33kV NEHRU PLACE CKT. -IV	43
	42	5:04	5:30	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT.	26
	43	5:52	5:56	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT.	26
	44	17:12	17:26	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT.	29
	45	17:44	17:59	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT.	26
	46	12:05	12:17	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR., 11KV LOAD	32
	47	12:24	12:33	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR., 11KV LOAD	32
	48	14:50	15:16	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR., 11KV LOAD	45
	49	20:40	21:36	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR., 11KV LOAD	47
	50	12:33	12:36	220kV SARITA VIHAR	11KV LOAD	12
	51	19:17	19:35	220kV SARITA VIHAR	11KV LOAD	13
	52	12:33	12:39	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II	85
	53	14:28	15:22	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	6
	54	14:50	15:27	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	8
	55					
	56	23:05	23:35	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	9
	57	15:10	16:10	220kV OKHLA	66kV OKHLA PH-I CKT. I & II 33kV MASJID MOTH CKT.	24
	58	15:13	15:28	220kV PAPANKALAN-I	66kV G-6 PAPANKALAN CKT. -I &II, 66kV BODELA-I CKT	107
	59	15:53	16:40	220kV PAPANKALAN-I	66kV G-6 PAPANKALAN CKT. -I &II, 66kV REWARI LINE CKT	57
	60	16:05	16:28	220kV OKHLA	33kV BALAJI CKT. I&II 33kV NEHRU PLACE CKT. -IV	58
	61	16:23	17:20	ROHTAK ROAD	33kV VISHAL CKT. -I 33kV ANAND PARVAT, 33kV DMS CKT	80
	62	19:15	20:15	ROHTAK ROAD	33kV VISHAL CKT. -I, 33kV ANAND PARVAT, 33kV DMS CKT	20
	63	16:12	17:12	220kV OKHLA	33kV OKHLA PH-II CKT. I & II	33
	64	20:13	21:13	220kV MEHRAULI	66kV MALVIYA NAGAR CKT. I & II	66
	65	21:05	22:10	220kV MEHRAULI	66kV VASANT KUNJ 'C' BLK CKT. I&II	22
	66					
	67	23:08	23:57	220kV PAPANKALAN-I	66kV G-2 PAPANKALAN CKT. I&II AND 11KV LOAD	93
	68	0:04	0:30	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	64
	69	12:05	12:18	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	57
	70	12:24	12:33	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	57
	71	22:11	22:13	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	69
	72	1:20	1:36	220kV GAZIPUR	66kV KONDLI CKT. I&II	53
	73	13:50	14:10	220kV GAZIPUR	66kV KONDLI CKT. I&II	31
	74	23:07	23:55	220kV GAZIPUR	66kV KONDLI CKT. I&II	53
	75	21:18	22:18	220kV NARAINA	33kV DMS CKT.AND 11KV LOAD	17
	76	22:15	23:15	220kV GAZIPUR	66kV PATPARGANJ IND. AREA AND 11KV LOAD	18
	77	5:05	5:58	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	6
	78	17:12	17:31	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	16

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
16.04.10	79	17:44	17:59	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	16
	80	11:22	11:35	220kV WAZIRABAD-I	66kV SHASTRI PARK CKT. I & II	37
	81	11:53	11:57	220kV WAZIRABAD-I	66kV SHASTRI PARK CKT. I & II	37
	82	23:07	23:58	220kV WAZIRABAD-I	66kV SHASTRI PARK CKT. I & II	47
	83	18:10	18:48	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.	12
	84	19:18	19:59	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.	15
	85	20:57	22:05	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	12
	86	22:11	22:20	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	12
	87	22:48	23:06	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	12
17.04.10	1	5:13	6:02	220kV PAPANKALAN	66kV G-6 PAPANKALAN CKT. I&II, 66kV BODELA-I CKT, 66kV REWARI LINE CKT.	84
	2	17:10	17:30	220kV PAPANKALAN	66kV G-6 PAPANKALAN CKT. I&II, 66kV BODELA-I CKT, 66kV REWARI LINE CKT.	127
	3	6:19	7:01	220kV SHALIMARBAGH	33kV RANI BAGH CKT. I & II	12
	4	18:55	19:03	220kV SHALIMARBAGH	33kV RANI BAGH CKT. I & II	3
	5	7:08	8:05	220kV ROHINI	66kV ROHINI SEC. 24 CKT. I&II	63
	6	19:08	20:05	220kV ROHINI	66kV ROHINI SEC. 24 CKT. I&II	54
	7	8:10	8:44	220kV ROHINI	66kV ROHINI -VI CKT. I&II	11
	8	20:07	21:11	220kV ROHINI	66kV ROHINI -VI CKT. I&II	20
	9	11:03	11:17	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I&II AND 11KV LOAD	27
	10	11:25	12:00	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I&II AND 11KV LOAD	27
	11	22:59	23:53	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I&II AND 11KV LOAD	15
	12	18:54	19:04	220kV ROHINI	66kV ROHINI -V CKT. I&II	40
	13	22:50	23:42	220kV NARAINA	33kV DMS CKT., 33kV PANDAV NAGAR CKT. AND 11KV LOAD	26
	14	10:25	10:33	220kV SUBZI MANDI	33kV B.G.ROAD CKT. I & II AND 11KV LOAD	13
	15	22:10	23:40	220kV SUBZI MANDI	33kV B.G.ROAD CKT. I & II AND 11KV LOAD	15
	16	0:13	1:00	33kV PVR PAYAL	11KV LOAD	2
	17	0:13	1:00	66kV BAWANA CW	11KV LOAD	4
	18	0:13	1:00	33kV AZADPUR	11KV LOAD	4
	19	0:13	1:00	33kV TRI NAGAR	11KV LOAD	7
	20	0:13	1:00	33kV PUSA	11KV LOAD	8
	21	0:13	1:00	33kV SARASWATI GARDEN	11KV LOAD	9
	22	0:13	1:00	33kV ASHOK VIHAR	11KV LOAD	9
	23	0:13	1:00	33kV G.T.K.ROAD	11KV LOAD	9
	24	0:13	1:00	33kV INDERPRI	11KV LOAD	12
	25	1:01	2:00	33kV CIVIL LINE (NEW)	11KV LOAD	9
	26	1:01	2:00	33kV ASHOK VIHAR	11KV LOAD	11
	27	1:01	2:00	33kV RAMPURA	11KV LOAD	11
	28	2:06	3:00	33kV TRI NAGAR	11KV LOAD	3
	29	2:06	3:00	33kV RAMA ROAD	11KV LOAD	3
	30	2:06	3:00	33kV PUSA	11KV LOAD	6
	31	2:06	3:00	33kV SARASWATI GARDEN	11KV LOAD	7
	32	2:06	3:03	33kV PVR PAYAL	11KV LOAD	1
	33	2:06	3:03	33kV SHAHZADABAGH	11KV LOAD	7
	34	3:04	4:00	66kV ROHINI -III	11KV LOAD	6
	35	3:04	4:00	33kV S.G.T. NAGAR	11KV LOAD	13
	36	3:04	4:00	33kV RANI BAGH	11KV LOAD	15

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
17.04.10	37	3:04	4:00	66kV ROHINI-V	11KV LOAD	16
	38	3:04	4:00	66kV PITAMPURA-I	11KV LOAD	22
	39	3:50	4:25	33kV ROHTAK ROAD	11KV LOAD	7
	40	4:02	5:00	33kV RAMPURA	11KV LOAD	8
	41	5:10	6:00	33kV G.T.K. ROAD	11KV LOAD	7
	42	5:10	6:00	33kV HUDSON LANE	11KV LOAD	9
	43	5:10	6:00	33kV INDRA VIHAR	11KV LOAD	9
	44	5:10	6:00	33kV AZADPUR	11KV LOAD	11
	45	6:19	7:00	33kV AIR KHAMPUR	11KV LOAD	2
	46	6:19	7:00	33kV G.T.K.ROAD	11KV LOAD	5
	47	6:19	7:00	33kV TRI NAGAR	11KV LOAD	7
	48	6:19	7:00	33kV S.G.T.NAGAR	11KV LOAD	8
	49	6:19	7:00	33kV ASHOK VIHAR	11KV LOAD	10
	50	6:19	7:00	33kV AZADPUR	11KV LOAD	10
	51	8:13	9:03	33kV AZADPUR	11KV LOAD	10
	52	8:13	9:05	33kV G.T.K.ROAD	11KV LOAD	5
	53	8:13	9:07	33kV HUDSON LANE	11KV LOAD	7
	54	8:13	9:10	33kV INDRA VIHAR	11KV LOAD	7
	55	7:08	8:00	33kV A-7 NARELA	11KV LOAD	3
	56	4:02	5:00	66kV ROHINI-I	11KV LOAD	13
	57	1:00	2:05	220kV I.P.STN.	33kV BAY NO. 24, 25, 30 & 34	11
	58	1:04	11:40	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR. AND 11KV LOAD	35
	59	2:05	3:00	220kV NAJAFGARH	66kV BODELA-II CKT. -I	54
	60	14:45	15:06	220kV NAJAFGARH	66kV BODELA-II CKT. -I	50
	61	3:05	4:10	220kV NAJAFGARH	66kV JAFFARPUR CKT. -II	8
	62	15:17	16:15	220kV NAJAFGARH	66kV JAFFARPUR CKT. -II	15
	63	3:20	4:06	220kV PAPANKALAN	66kV BINDAPUR CKT. I& II AND 11KV LOAD	79
	64	15:22	15:55	220kV PAPANKALAN	66kV BINDAPUR CKT. I& II AND 11KV LOAD	79
	65	4:12	5:02	220kV PAPANKALAN	66kV G-2PAPANKALAN CKT. -I AND 11KV LOAD	73
	66	16:12	17:00	220kV PAPANKALAN	66kV G-2PAPANKALAN CKT. -I AND 11KV LOAD	78
	67	4:50	5:24	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT. 33kV MASJID MOTH CKT. 66kV OKHLA PH-I CKT. I &II	35
	68	16:07	17:02	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT. 33kV MASJID MOTH CKT. 66kV OKHLA PH-I CKT. I &II	35
	69	5:10	6:01	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II, 33kV NEHRU PLACE CKT. -IV	60
	70	17:06	17:28	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II, 33kV NEHRU PLACE CKT. -IV	75
	71	20:05	21:12	220kV MEHRAULI	66kV VASANT KUNJ 'D' BLK CKT. I&II	8
	72	21:07	21:35	220kV SARITA VIHAR	11KV LOAD	11
	73	23:03	23:46	220kV MEHRAULI	66kV VASANT KUNJ 'C' BLK CKT. I&II	24
	74	23:03	23:50	220kV MEHRAULI	11KV LOAD	6
	75	0:16	1:24	220kV WAZIRABAD-I	66kV GHONDA CKT. I & II	27
	76	12:26	13:05	220kV WAZIRABAD-I	66kV GHONDA CKT. I & II	24
	77	1:01	2:03	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	
	78	1:00	2:05	220kV I.P.STN.	33kV BAY NO. 24 & 30	15
79	2:04	3:00	220kV GAZIPUR	66kV KONDLI CKT. I&II AND 11KV LOAD	45	
80	14:42	15:01	220kV GAZIPUR	66kV KONDLI CKT. I&II AND 11KV LOAD	33	
81	7:53	8:08	220kV KASHMIRI GATE	33kV FOUNTAIN CKT. -II	3	
82	19:32	20:03	220kV KASHMIRI GATE	33kV FOUNTAIN CKT. -II	10	
		6:55	8:00	ROHTAK ROAD	33kV S.B.MILLS CKT. I & II, 33kV MADIPUR CKT.	14

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
18.04.10	1	0:01	0:44	220kV SUBZI MANDI	33kV TRIPOLIA CKT., 33kV GULABI BAGH CKT.	33
	2	0:56	1:34	220kV SUBZI MANDI	33kV TRIPOLIA CKT., 33kV GULABI BAGH CKT.	33
	3	0:03	0:31	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I&II AND 11KV LOAD	15
	4	5:33	6:05	220kV ROHINI	66kV ROHINI SEC. 24 CKT. I&II AND 11KV LOAD	42
	5	0:03	0:45	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II	95
	6	0:03	0:52	220kV NAJAFGARH	66kV JAFFARPUR CKT. -II, 66kV BODELA-II CKT-I & II	65
	7	0:02	0:48	220kV PAPANKALAN	66kV G-2PAPANKALAN CKT. -I AND 11KV LOAD	107
	8	4:40	5:21	220kV PAPANKALAN	66kV G-2PAPANKALAN CKT. -I AND 11KV LOAD	75
	9	2:10	2:57	220kV NAJAFGARH	66kV G-2PAPANKALAN CKT. -I AND 11KV LOAD	48
	10	3:05	4:04	220kV NAJAFGARH	66kV BODELA-II CKT. -I	56
	11	3:11	4:06	220kV PAPANKALAN	66kV BINDAPUR CKT. I & II AND 11KV LOAD	70
	12	4:23	4:55	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	8
	13	5:05	6:12	220kV OKHLA	66kV OKHLA PH-I CKT. I & II 33kV MASJID MOTH CKT.	26
	14	5:06	5:59	220kV PAPANKALAN	66kV G-6 PAPANKALAN CKT. I&II, 66kV BODELA-I CKT., 66kV REWARI LINE CKT.	80
	15	0:02	0:50	220kV GAZIPUR	66kV KONDLI CKT. I&II AND 11KV LOAD	55
	16	3:05	4:04	220kV GAZIPUR	66kV KONDLI CKT. I&II AND 11KV LOAD	46
	17	0:07	1:30	220kV WAZIRABAD-I	66kV SHASTRI PARK CKT. I & II	45
	18	1:06	1:32	220kV WAZIRABAD-I	66kV GHONDA CKT. I & II	26
	19	2:10	3:00	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	77
19.04.10	1	20:19	20:23	220kV SHALIMARBAGH	33kV RANI BAGH CKT. I & II	16
	2	5:40	5:50	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	16
20.04.10	1	19:27	19:32	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II 33kV NEHRU PLACE CKT. -IV	53
21.04.10	1	5:23	5:29	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR.AND 11KV LOAD	42
	2	23:12	23:25	ROHTAK ROAD	33kV MADI PUR CKT., 33kV S.B.MILL CKT.	18
	3	19:09	19:16	220kV OKHLA	66kV OKHLA PH-I CKT. I & II 33kV MASJID MOTH CKT.	47
	4	19:27	19:35	220kV OKHLA	66kV OKHLA PH-I CKT. I & II 33kV MASJID MOTH CKT.	47
	5	20:15	20:21	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II	45
	6	21:05	21:32	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT.	35
	7	23:12	23:35	ROHTAK ROAD	11KV LOAD	3
	8	5:23	5:29	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	77
	9	21:07	21:33	220kV KASHMIRI GATE	33kV TOWN HALL CKT., 33kV JAMA MASJID CKT.	11
	10	23:07	23:16	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.-II	0
	11	23:34	23:55	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.-II	0
22.04.10	1	17:46	18:05	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II	119
	2	19:08	19:44	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	7
	3	19:55	20:00	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	7
	4	19:14	20:02	220kV PAPANKALAN	66kV G-2PAPANKALAN CKT. -I AND 11KV LOAD	83

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW	
		OUT	IN				
22.04.10	5	20:04	20:47	220kV OKHLA	66kV OKHLA PH-I CKT. I & II 33kV MASJID MOTH CKT.	44	
	6	21:21	21:33	220kV OKHLA	33kV OKHLA-II CKT. I & II, 33kV BALAJI CKT. I&II 33kV NEHRU PLACE CKT. -IV	58	
	7	22:01	22:45	220kV SARITA VIHAR	11KV LOAD	13	
	8	22:05	22:43	220kV OKHLA	33kV ALAKHNANDA CKT-I, 33kV TUGLAKABAD CKT.	39	
	9	12:20	12:30	ROHTAK ROAD	33kV VISHAL CKT. -I, 33kV ANAND PARVAT, 33kV PARSHAD NAGAR CKT.	23	
	10	16:37	17:45	ROHTAK ROAD	33kV MADI PUR CKT, 33kV S.B.MILL CKT., 33kV VISHAL CKT. 33kV RAMA ROAD CKT. 33kV SHAHZADAWALA BAGH, 33kV ANAND PARVAT CKT, 33kV DMS CKT.	66	
	11	4:13	4:25	220kV SUBZI MANDI	33kV TRIPOLIA CKT., 33kV GULABI BAGH CKT. 33kV DELHI UNIVERSITY CKT.	35	
	12	11:15	11:23	220kV ROHINI	66kV ROHINI -V CKT. I&II	40	
	13	11:17	11:23	220kV ROHINI	66kV ROHINI -VI CKT. I&II	43	
	14	11:16	11:22	220kV SHALIMARBAGH	33kV RANI BAGH CKT. I & II	12	
	15	11:15	11:25	ROHTAK ROAD	33kV RAMA ROAD CKT. 33kV SHAHZADAWALA BAGH,	14	
	16	15:48	16:48	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT.	16	
	17	16:32	17:05	220kV SUBZI MANDI	33kV TRIPOLIA CKT, 33kV GULABI BAGH CKT. 33kV SHAKTI NAGAR CKT.	28	
	18	23:40	23:50	ROHTAK ROAD	33kV RAMA ROAD CKT. 33kV SHAHZADAWALA BAGH,	2	
	19	19:12	20:23	33kV TRI NAGAR, 33kV ASHOK VIHAR, 33kV AIR KHAMPUR, 66kV ROHINI SEC. 22 33kVAZADPUR	11KV LOAD	36	
	20	20:35	21:09	66kV A-7 NARELA, 66kV BADLI	11KV LOAD	17	
	21	22:06	22:33	66kV ROHINI -II, 66kV BAWANA C.W. 33kV AZADPUR, 33kV AIR KHAMPUR, 33kV CIVIL LINE, 33kV ASHOK VIHAR	11KV LOAD	51	
	22	4:21	4:32	220kV WAZIRABAD-I	66kV SHASTRI PARK CKT. I & II	43	
	23	5:20	5:58	220kV WAZIRABAD-I	66kV GHONDA CKT. I & II	38	
	24	2:40	2:46	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	15	
	25	14:17	14:29	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	17	
	26	14:43	15:00	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	17	
	27	19:09	19:46	220kV GAZIPUR	66kV KONDLI CKT. I&II 11KV LOAD	38	
	28	19:53	20:05	220kV GAZIPUR	66kV KONDLI CKT. I&II 11KV LOAD	35	
	29	22:05	22:44	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	10	
	23.04.10	1	2:19	2:30	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II	74
		2	5:24	5:45	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II	69
		3	6:18	6:22	220kV SARITA VIHAR	66kV MATHURA ROAD CKT. I&II	69
		4	4:35	4:46	220kV MEHRAULI	66kV VASANT KUNJ 'D' BLK CKT. I&II	9
5		4:57	5:43	220kV MEHRAULI	66kV VASANT KUNJ 'D' BLK CKT. I&II	9	
6		16:32	17:35	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR. 11KV LOAD	50	
7		18:43	18:52	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR. 11KV LOAD	35	

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
23.04.10	8	18:57	19:21	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR. 11KV LOAD	35
	9	19:15	19:32	220kV NAJAFGARH	66kV BODELA-II CKT. -I	80
	10	19:43	19:52	220kV NAJAFGARH	66kV BODELA-II CKT. -I	80
	11	19:27	19:31	220kV PAPANKALAN	66kV BINDAPUR CKT. I & II AND 11KV LOAD	
	12	20:27	21:26	220kV NAJAFGARH	66kV JAFARPUR CKT. -II	10
	13	20:38	20:55	220kV PAPANKALAN	66kV G-2PAPANKALAN CKT. -I & II AND 11KV LOAD	91
	14	21:01	21:23	220kV PAPANKALAN	66kV G-2PAPANKALAN CKT. -I & II AND 11KV LOAD	91
	15	21:21	21:57	220kV PAPANKALAN	66kV G-6 PAPANKALAN CKT. I&II, 66kV BODELA-II CKT., 66kV REWARI LINE CKT.	87
	16	0:35	1:45	220kV ROHINI	66kV NANGLOI CKT. I & II	30
	17	0:35	1:10	ROHTAK ROAD	11KV LOAD	9
	18	13:21	14:30	ROHTAK ROAD	11KV LOAD	6
	19	0:34	1:05	220kV ROHINI	66kV ROHINI SEC. 24 CKT. I&II	52
	20	4:33	4:46	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. AND 11KV LOAD	15
	21	4:54	5:30	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. AND 11KV LOAD	15
	22	4:57	5:45	220kV SUBZI MANDI	33kV TRIPOLIA CKT., 33kV GULABI BAGH CKT.	30
	23	11:36	11:57	220kV SHALIMARBAGH	33kV KHOSLA O/H CKT-II, 33kV WAZIRPUR-II CKT. -I	36
	24	14:35	15:30	220kV NARAINA	33kV INDERPURI CKT.	19.45
	25	16:13	17:04	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. AND 11KV LOAD	25
	26	16:36	17:38	220kV SHALIMARBAGH	33kV WAZIRPUR-II CKT. -I	41
	27	16:59	17:59	220kV SUBZI MANDI	33kV TRIPOLIA CKT., 33kV GULABI BAGH CKT. 33kV DELHI UNIVERSITY CKT.	48
	28	19:26	19:33	220kV GOPALPUR	33kV AZADPUR CKT. I & II	34
	29	23:10	23:44	220kV SHALIMARBAGH	33kV KHOSLA O/H CKT-II, 33kV WAZIRPUR-II CKT. -I	26
	30	15:00	15:59	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II	22
	31	15:30	16:03	220kV NARAINA	33kV DMS CKT.	28
	32	23:10	23:20	220kV NARAINA	33kV DMS CKT., 33kV PANDAV NAGAR CKT, 11KV LOAD	35
	33	0:32	1:07	220kV ROHINI	66kV ROHINI-II & VI, 66kV ROHINI SEC. 22 & 23	63
	34	0:35	0:48	220kV ROHINI	66kV PITAMPURA-I, 66kV ROHINI -V	21
	35	11:20	12:30	33kV SHAHZADAWALA BAGH, 33kV AZADPUR, 33kV ASHOK VIHAR, 33kV CIVIL LINE, 33kV AIR KHAMPUR 66kV POOTHKHURD, 66kV BAWANA C.W. 66kV ROHINI-II, 66kV ROHINI SEC-22	11KV LOAD	49
	36	13:21	14:25	33kV ROHTAK ROAD	11KV LOAD	3
	37	13:21	14:25	66kV PITAMPURA 33kV S.G.T.NAGAR	11KV LOAD	26
	38	19:11	20:04	33kV AZADPUR	11KV LOAD	17
	39	19:24	20:04	33kV AZADPUR	11KV LOAD	4
	40	20:35	21:32	33kV TRI NAGAR, 33kV AIR KHAMPUR, 33kV ASHOK VIHAR	11KV LOAD	23
	41	21:00	21:12	66kV A-7 NARELA, 66kV BADLI	11KV LOAD	16
	42	21:19	22:05	66kV A-7 NARELA, 66kV BADLI	11KV LOAD	16

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW	
		OUT	IN				
23.04.10	43	22:25	23:09	66kV MANGOLPURI-I 33kV HAIDERPUR	11KV LOAD	40	
	44	22:25	23:20	66kV MANGOLPURI-II	11KV LOAD	20	
	45	22:26	23:05	220kV SHALIMARBAGH FC	11KV LOAD	20	
	46	23:04	23:50	33kV SHAHZADAWALA BAGH, 33kV AZADPUR, 33kV ASHOK VIHAR, 33kV CIVIL LINE, 33kV AIR KHAMPUR 66kV POOTHKHURD, 66kV BAWANA C.W. 66kV ROHINI-II, 66kV ROHINI SEC-22	11KV LOAD	69	
	47	0:15	0:52	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.-II	0	
	48	5:17	5:45	220kV WAZIRABAD-I	66kV SHASTRI PARK CKT. I & II	40	
	49	11:10	11:47	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	12	
	50	14:30	15:09	220kV PATPARGANJ	33kV PREET VIAHR CKT, 33kV GURU ANGAD NAGAR CKT I&II 33kV KARKARDOOMA CKT. I &II, 33kV CBD SHAHDRA CKT.	73	
	51	16:57	17:57	220kV WAZIRABAD-I	66kV SHASTRI PARK CKT. I & II	58	
	52	14:40	15:32	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	73	
	53	19:10	19:32	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	81	
	54	19:43	19:52	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	84	
	55	15:27	16:04	220kV PATPARGANJ	33kV SHAKARPUR CKT, 33kV PREET VIHAR CKT. 66kV GROUP HOUSING CKT. I AND 11kV LOAD	37	
	56	16:22	17:20	220kV PATPARGANJ	66kV VIVEK VIHAR CKT. I&II	12	
	57	20:26	21:26	220kV GAZIPUR	66kV KONDLI CKT. I&II AND 11kV LOAD	40	
	58	23:03	23:45	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	9	
	59	13:21	14:30	33kV ROHTAK ROAD	33kV ROHTAK ROAD	46	
	24.04.10	1	19:28	20:03	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR.AND 11KV LOAD	36
		2	20:13	20:59	220kV PAPANKALAN	66kV BINDAPUR CKT. I& II AND 11KV LOAD	26
3		20:36	20:56	220kV NAJAFGARH	66kV BODELA-II CKT. -I	90	
4		2:10	3:10	33kV ROHTAK ROAD	11KV LOAD	20	
5		14:25	15:25	33kV ROHTAK ROAD	11KV LOAD	26	
6		2:33	3:09	220kV ROHINI	66kV ROHINI -VI CKT. I & II	18	
7		4:22	5:10	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II, 11KV LOAD	11	
8		20:16	21:01	220kV GOPALPUR	33kV AZADPUR CKT. I & II	34	
9		0:35	0:44	66kV PITAMPURA-I, 66kV MANGOLPURI-I	11KV LOAD	12	
10		0:35	0:48	66kV ROHINI-V	11KV LOAD	12	
11		0:35	0:55	66kV ROHINI-V	11KV LOAD	1	
12		0:35	0:58	66kV MANGOLPURI-I	11KV LOAD	0.4	
13		0:38	1:38	33kV ROHTAK ROAD	11KV LOAD	4	
14		19:38	20:18	66kV ROHINI-V, III, 66kV PITAMPURA-I 33kV S.G.T.NAGAR	11KV LOAD	21	
15		20:10	21:00	33kV HUDSON LANE	11KV LOAD	8	
16		23:04	23:22	66kV MANGOLPURI-I	11KV LOAD	3	
17		23:04	23:55	33kV WAZIRPUR-II	11KV LOAD	1	
18		23:04	23:58	33kV SMB FC, 33kV HAIDERPUR, 33kV SMB KHOSLA 66kV MANGOLPURII & II	11KV LOAD	38	
19		1:04	2:04	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.-II	0	
20		20:05	20:58	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	61	
21		21:05	21:16	220kV GAZIPUR	66kV KONDLI CKT. I&II AND 11KV LOAD	41	

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
25.04.10	1	5:12	5:39	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II AND 11KV LOAD	10
	2	5:16	5:38	220kV NARAINA	33kV DMS CKT. AND 11KV LOAD	7
26.04.10	1	11:20	11:31	220kV GAZIPUR	66kV KONDLI CKT. I&II AND 11KV LOAD	27
	2	22:31	22:35	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	64
	3	11:21	11:31	220kV NAJAFGARH	66kV JAFFARPUR CKT. II	8
	4	22:30	22:39	220kV NAJAFGARH	66kV BODELA-II CKT. -I	98
27.04.10	1	14:10	14:25	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	16
	2	14:30	14:50	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	16
	3	16:36	16:41	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.-II	0
	4	23:04	23:17	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	96
	5	23:33	23:58	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	96
	6	5:30	5:50	ROHTAK ROAD	33kV DMS CKT., 33kV VISHAL CKT	13
	7	23:05	23:15	220kV NAJAFGARH	66kV BODELA-II CKT. -I	109
	8	0:13	0:35	66kV A-7 NARELA, 66kV BADLI	11KV LOAD	48
	9	14:10	14:22	33kV CIVIL LINE, 33kV SHAHZADAWALA BAGH, 33kV AZADPUR, 33kV AIR KHAMPUR, 33kV ASHOK VIHAR 66kV ROHINI SEC. 22, 66kV BAWANA C.W. 66kV POOTH KHURD	11KV LOAD	22
28.04.10	1	5:22	5:42	220kV KASHMIRI GATE	33kV FOUNTAIN CKT.-II	0
	2	12:10	12:55	220kV GAZIPUR	66kV KONDLI CKT. I&II	31
	3	15:00	15:13	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	17
	4	15:41	16:00	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	17
	5	11:15	12:05	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II, 20MVA PR. TR. AND 11KV LOAD	35
	6	12:10	12:55	220kV NAJAFGARH	66kV JAFFARPUR CKT. II	6
	7	13:15	13:44	220kV PAPANKALAN	66kV G-6 PAPANKALAN CKT. I&II, 66kV BODELA-I CKT, 66kV REWARI LINE CKT.	71
	8	15:46	18:01	220kV SHALIMARBAGH	33kV KHOSLA O/H CKT-II, 33kV WAZIRPUR-II CKT. -I	25
	9	4:50	5:05	33kV ROHTAK ROAD, 66kV ROHINI-II, 66kV PITAMPURA-I, 66kV MANGOLPURI-I	11KV LOAD	14
	10	12:17	12:57	33kV ASHOK VIHAR, 33kV AIR KHAMPUR, 33kV TRINGAR, 33kV G.T.K.ROAD. 66kV JAHANGIRPURI	11KV LOAD	24
	11	14:07	15:06	33kV WAZIRPUR-I&II, 33kV HAIDERPUR, 33kV SMB FC 66kV MANGOLPURI-II	11KV LOAD	13
	12	15:41	16:00	33kV SHAHZADAWALA BAGH 33kV ASHOK VIHAR 66kV ROHINI SEC. 22, 66kV BAWANA C.W.	11KV LOAD	16
	13	15:41	16:10	33kV CIVIL LINE	11KV LOAD	3
	14	15:45	16:00	66kV POOTH KURD, 33kV AIR KHAMPUR	11KV LOAD	11

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	LOAD RELIEF IN MW
		OUT	IN			
29.04.10	1	13:40	14:05	220kV GAZIPUR	66kV KONDLI CKT. I&II AND 11KV LOAD	29
	2	21:33	21:57	220kV PATPARGANJ	66kV GROUP HOUSING -I CKT.AND 11KV LOAD	
	3	22:12	22:52	220kV PATPARGANJ	66kV VIVEK VIHAR CKT. I&II	80
	4	23:20	23:57	220kV WAZIRABAD-I	66kV SHASTRI PARK CKT. I & II	98
	5	13:40	14:06	220kV NAJAFGARH	66kV JAFFARPUR CKT. II	7
	6	21:39	21:59	220kV NAJAFGARH	11KV LOAD	7
	7	22:13	23:00	220kV SARITA VIHAR	11KV LOAD	6
	8	23:06	23:57	220kV SARITA VIHAR	11KV LOAD	38
	9	23:05	23:57	220kV NAJAFGARH	66kV BODELA-II CKT. -I	126
	10	15:39	16:40	ROHTAK ROAD	33kV MADIPUR, 33kV VISHAL CKT-I, 33kV S.B.MILL CKT.	43
	11	21:38	21:58	220kV SHALIMARBAGH	33kV WAZIRPUR-II CKT. II & III	25
	12	22:14	22:58	220kV KHANJAWALA	11KV LOAD	4
	13	23:10	23:58	220kV KHANJAWALA	11KV LOAD	146
	14	22:18	22:57	220kV SHALIMARBAGH	33kV RANI BAGH CKT I & II, 33kV S.G.T.NAGAR CKT.	54
	15	23:09	23:59	220kV SUBZI MANDI	33kV TRIPOLIA CKT, 33kV GULABI BAGH CKT. 33kV DELHI UNIVESITY CKT.	156
	16	15:22	16:06	66kV MANGOLPURI-I 33kV WAZIRPUR-I & II, 33kV SMB FC, 33kV HAIDERPUR	11KV LOAD	13
30.04.10	1	0:12	0:56	220kV WAZIRABAD-I	66kV GHONDA CKT. I & II	94
	2	5:22	5:38	220kV KASHMIRI GATE	33kV TOWN HALL CKT, 33kV JAMA MASJID CKT.	7
	3	13:48	14:30	220kV GAZIPUR	66kV VIVEK VIHAR CKT. I&II	16
	4	9:00	9:10	220kV SUBZI MANDI	33kV B.G.ROAD CKT I & II	66
	5	11:40	11:42	ROHTAK ROAD	33kV DMS CKT. 33kV ANAND PARVAT CKT. 33kV VISHAL CKT. 33kV MADIPUR CKT. 33kV S.B.MILLS CKT-I & II 33kV RAMA ROAD CKT, 33kV SHAHZADAWALA BAGH CKT.	111
	6	0:10	0:59	220kV NAJAFGARH	66kV G-5 PAPANKALAN CKT I&II,20MVA PR. TR.AND 11KV LOAD	79
	7	13:48	14:31	220kV NAJAFGARH	66kV BODELA-II CKT. -I &II	78
	8	0:09	0:57	220kV GOPALPUR	66kV JAHANGIRPURI CKT. I & II AND 11KV LOAD	118
	9	10:00	10:50	220kV SUBZI MANDI	33kV SHAHZADAWALA BAGH CKT. I & II AND	98
	10	16:09	17:09	A-7 NARELA	11KV LOAD	3