

DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

APRIL 2016

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Sr. No.	Features	APR. 2015	APR 2016
1	Effective Generation Capacity within Delhi in MW		
	Rajghat Power House	135	135
	Gas Turbine	270	270
	Pragati Power Corporation Ltd.	330	330
	Badapur Thermal Power Station	705	705
	Rithala GT	108	108
	Bawana	1372	1372
	TOWMCL	16	16
	Total	2936	2936
2	Maximum Unrestricted Demand (MW)	4518	4799
	Date	30.04.15	19.04.16
	Time	15.32.55	15.41.26
3	Peak Demand met (MW)	4517	4797
	Date	30.04.15	19.04.16
	Time	15.32.55	15.41.26
4	Peak Availability (MW)	4379	4754
5	Shortage (-) / Surplus (+) in MW	(-) 138	(-)43
6	Percentage Shortage (-) / Surplus (+)	(-) 3.06	(-) 0.90
7	Maximum Energy Consume in a day (Mus)	92.955	102.107
8	Energy Consumed during the month	2260.411	2612.594
9	Load Shedding in Mus		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.000	0.000
ii)	Manual Load shedding from DTL S/Stns.	0.000	0.000
iii)	Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation		
	NDPL	0.131	0.059
	BRPL	0.398	0.934
	BYPL	0.044	0.065
	NDMC	0.000	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.000	0.000
	Total due to Grid Restriction	0.573	1.058
B)	Due to Constraints in System in Mus		
	DTL	0.699	0.245
	NDPL	0.240	0.100
	BRPL	0.216	1.113
	BYPL	0.275	0.077
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.000	0.016
	Total	1.430	1.551
11	Grand Total in Mus	2.003	2.609

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING APRIL 2016

A) For the month of April 2016

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	RPH	0.000	0.433	-0.433	0	0
2.	GT	25.889	1.409	24.480	86.98	139.786
3.	PPCL	166.494	4.047	162.447	97.16	62.435
4.	BTPS	233.629	9.940	223.689	58.03	47.119
5.	Rithala	0.000	0.060	-0.060	89.17	59.040
6.	Bawana	76.006	3.485	72.521	61.98	526.141
7.	Towmcl	13.081	1.916	11.165	--	--
	TOTAL	515.099	21.29	493.809	--	834.521

B) For the Year 2016-17 (Upto April 2016)

Power Station	Effective Capacity (MW)	Net Generation in MUs for Apr 2016	Availability (%) for Apr 2016	PLF (%) for Apr 2016	Cumulative Generation in MUs upto Apr 2016 for the year 2016-17	Cumulative Availability in % upto Apr 2016 for the year 2016-17	Cumulative PLF in % upto Apr 2016 for the year 2016-17
RPH	135	-0.433	0	-1.02	-0.433	0	-1.02
GT	270	24.480	86.98	12.85	24.480	86.98	12.85
PPCL	330	162.447	97.16	70.07	162.447	97.16	70.07
BTPS	705	223.689	58.03	47.26	223.689	58.03	47.26
Rithala	108	-0.060	89.17	0	-0.060	89.17	0
Bawana	1372	72.521	61.98	7.33	72.521	61.98	7.33
Towmcl	16	11.165	--	113.55	11.165	--	113.55
TOTAL	2936	493.809	--	--	493.809	--	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2016

RPH

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	08.05.15	13:40	--	--	Tripped on boiler tube leakage

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	67.5	21.05.15	10:20	--	--	Stopped due to shortage of coal

(B) Gas Turbine

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	30	30.03.16	13:52	17.04.16	10:45	Machine tripped as heavy jerk observed in Control room and 160 MVA Tr-i& II tripped at 220 KV end due to tripping of Geeta Colony to Wazirabad ckt. Machine not taken on load due to less demand from SLDC.
		17.04.16	10:45	17.04.16	18:45	Station shut down to attend ACW line.
		17.04.16	18:45	29.04.16	19:15	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	28.01.16	01:20	31.03.16	23:59	Stopped due to low demand and high frequency
		01.04.16	18:00	17.04.16	10:45	
		17.04.16	10:45	17.04.16	18:45	Station shut down to attend ACW line.
		17.04.16	18:45	30.04.16	23:59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	01.02.16	19:15	17.04.16	10:45	Stopped due to low demand and high frequency
		17.04.16	10:45	17.04.16	18:45	Station shut down to attend ACW line.
		17.04.16	18:45	30.04.16	23:59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	30	29.01.16	14:00	17.04.16	10:45	Stopped due to low demand and high frequency
		17.04.16	10:45	17.04.16	18:45	Station shut down to attend ACW line.
		17.04.16	18:45	30.04.16	23:59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	30	14.03.16	19:15	01.04.16	15:05	machine not taken on load due to less schedule from SLDC
		11.04.16	19:06	11.04.16	21:22	Stopped due to low demand and high frequency
		17.04.16	10:45	17.04.16	18:38	Station shut down to attend ACW line.
		18.04.16	12:54	24.04.16	10:55	Stopped due to low demand and high frequency
		29.04.16	19:15	30.04.16	23:29	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
6	30	19.03.16	11:40	6.04.16	12:00	Stopped due to low demand and high frequency
		06.04.16	12:00	11.04.16	18:10	machine taken under S/d for Combustion Inspection & Boroscopic Inspection
		11.04.16	21:06	17.04.16	10:45	Stopped due to low demand and high frequency
		17.04.16	10:45	17.04.16	18:45	Station shut down to attend ACW line.
		17.04.16	18:45	18.04.16	11:30	Stopped due to low demand and high frequency
		24.04.16	11:44	30.04.16	23:59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -1	30	29.1.16	14:00	01.04.16	18:05	M/c cleared from maintenance side but Stopped due to low demand and high frequency
		17.04.16	10:45	17.04.16	18:45	Station shut down to attend ACW line.
		17.04.16	18:45	29.04.16	19:15	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -2	30	29.01.16	14:00	17.04.16	10:45	M/c cleared from maintenance side Stopped due to low demand and high frequency
		17.04.16	10:45	17.04.16	18:45	Station shut down to attend ACW line.
		17.04.16	18:45	30.04.16	23:59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -3	30	19.03.16	18:15	01.04.16	17:45	Machine not taken on load due to less schedule from SLDC
		01.04.16	18:30	01.04.16	19:26	Tripped on Gen. Class-A relay
		01.04.16	19:32	01.04.16	20:07	Tripped on Gen. Class-A relay
		11.04.16	21:06	11.04.16	21:45	Machine stopped due to stopping of GT#6.
		17.04.16	10:45	17.04.16	19:57	Station shut down to attend ACW line.
		29.04.16	19:15	30.04.16	23:59	Stopped due to low demand and high frequency

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	01.04.16	00:00	06.04.16	06:00	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	104	01.04.16	00:00	01.04.16	03:18	Stopped due to low demand and high frequency
		06.04.16	08:40	11.04.16	04:31	G.T.-2 was swpped by G.T. -1 and started as desired
		15.04.16	06:06	15.04.16	12:02	Unit stopped
		24.04.16	14:15	25.04.16	06:48	Stopped due to low demand and high frequency
		28.04.16	12:44	28.04.16	13:35	Unit tripped

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	122	01.04.16	00.00	01.04.16	09.07	Stopped due to low demand and high frequency
		21.04.16	14.59	21.04.16	16.25	STG Tripped
		24.04.16	13.15	24.04.16	21.27	Unit stopped
		29.04.16	11.58	29.04.16	12.46	STG Tripped

(D) BADARPUR THERMAL POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	95	01.04.15	00.00	30.04.16	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	95	24.09.15	19.52	30.04.16	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	95	09.10.15	01.00	30.04.16	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	210	12.12.15	14.30	04.04.16	07.47	Stopped due to low demand and high frequency
		11.04.16	14.03	12.04.16	20.11	Economizer tube leakage

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	210	24.04.16	16.21	24.04.16	21.52	Stopped due to temp. high.

(E) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	16.07.15	02.18	30.04.16	23.59	Machine tripped due to compressor stalling alarm

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	216	24.03.16	00.00	30.04.16	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-1	254	28.03.16	00.00	15.04.16	10.00	Planned Shut down.
		15.04.16	10.00	30.04.16	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	216	08.01.16	23.15	18.04.16	05.23	Stopped due to low demand and high frequency
		18.04.16	11.16	18.04.16	19.12	Unit tripped

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	216	08.01.16	23:15	30.04.16	23:59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-2	254	28.03.16	00:00	30.04.16	23:59	Planned shutdown

(F) RITHALA POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	31.8	19.03.13	17:32	30.04.16	23:59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	31.8	07.06.13	22:41	30.04.16	23:59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	31.8	07.06.13	22:38	30.04.16	23:59	Stopped due to low demand and high frequency

ALLOCATION OF POWER TO DELHI

A)

Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 01.04.2016

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)
<u>NTPC STATIONS</u>							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
Koldam HEP	800	120	56	53	0	0	53
TOTAL	10582	1422	2362	2069	0	0	2069
<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
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	240	0	32	31	0	0	31
Sewa HEP	120	18	16	15	0	0	15
Dhauri Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	520	66	66	63	0	0	63
TOTAL	4065	272	479	455	0	0	455
<u>NPC</u>							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	880	128	103	89	0	0	89
<u>SVJNL</u>							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
<u>THDC</u>							
Tehri Hydro	1000	99	63	60	0	0	60
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	1400	139	102	97	0	0	97
Total	18427	2110	3188	2846	0	0	2846
<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
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	5960	153	261	217	0	0	217
<u>Joint Venture</u>							
Jhajjar TPS	1500	114	643	577	0	0	577
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	29847	2377	4536	4023	0	0	4023

5 ALLOCATION OF POWER TO DISCOMS

A) 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. 06.08.2013.

(Allocation In %)

(A) 10.00hrs. to 17.00hrs.

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

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

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

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

6 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING APRIL 2016

All figures in MW

Date	Time of peak demand	Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		RPH	GT	PPCL	Rithala	Bawana	Towmel	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)	
1	19.18.42	0	31	156	0	-2	11	165	361	3355	3310	45	3716	5	3721
2	11.22.33	0	36	151	0	-3	11	161	356	3248	3145	103	3604	0	3604
3	19.26.22	0	29	147	0	-2	15	161	350	3300	3149	151	3650	0	3650
4	15.34.25	0	29	148	0	-1	11	320	507	3602	3404	198	4109	4	4113
5	14.29.38	0	36	157	0	-2	11	320	522	3532	3395	137	4054	0	4054
6	16.28.11	0	36	147	0	0	16	333	532	3498	3455	43	4030	0	4030
7	15.16.02	0	36	146	0	0	15	324	521	3456	3446	10	3977	2	3979
8	11.44.04	0	38	150	0	0	16	320	524	3412	3295	117	3936	0	3936
9	19.42.43	0	36	149	0	0	16	331	532	3119	3152	-33	3651	0	3651
10	22.43.02	0	36	151	0	-2	16	333	534	2948	2969	-21	3482	0	3482
11	15.18.47	0	36	310	0	-2	14	190	548	3298	3317	-19	3846	0	3846
12	15.44.29	0	30	310	0	-2	14	185	537	3269	3262	7	3806	13	3819
13	15.04.38	0	28	307	0	-1	15	330	679	3221	3221	0	3900	0	3900
14	19.29.50	0	29	262	0	-1	16	333	639	3254	3173	81	3893	2	3895
15	22.49.44	0	29	262	0	0	16	323	630	3401	3279	122	4031	3	4034
16	15.28.00	0	26	296	0	-2	16	326	662	3598	3385	213	4260	0	4260
17	23.29.43	0	28	265	0	-4	16	326	631	3695	3507	188	4326	12	4338
18	15.29.53	0	36	266	0	-8	15	328	637	4089	3927	162	4726	4	4730
19	15.41.56	0	36	269	0	254	14	314	887	3910	3953	-43	4797	2	4799
20	23.28.07	0	36	270	0	250	11	322	889	3604	3534	70	4493	8	4501
21	15.03.08	0	36	269	0	255	16	326	902	3848	3797	51	4750	0	4750
22	15.35.09	0	36	268	0	255	16	321	896	3819	3834	-15	4715	0	4715
23	00:00:00	0	36	268	0	252	16	328	900	3304	3443	-139	4204	3	4207
24	00:00:00	0	36	262	0	252	11	328	889	3141	3089	52	4030	0	4030
25	15.30.00	0	31	261	0	255	12	308	867	3407	3507	-100	4274	0	4274
26	15.39.01	0	31	266	0	255	11	331	894	3536	3580	-44	4430	0	4430
27	23.25.05	0	32	266	0	255	12	326	891	3509	3490	19	4400	9	4409
28	16.00.00	0	31	285	0	288	12	323	939	3646	3352	294	4585	0	4585
29	15.54.00	0	31	278	0	271	11	320	911	3873	3839	34	4784	0	4784
30	23.29.00	0	35	277	0	283	11	321	927	3571	3461	110	4498	0	4498

POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING APRIL 2016

Date	Time of peak demand	Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		RPH	GT	PPCL	Rithala	Bawana	Towmcl	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	19.18.42	0	31	156	0	-2	11	165	361	3355	3310	45	3716	5	3721
2	11.22.33	0	36	151	0	-3	11	161	356	3248	3145	103	3604	0	3604
3	19.26.22	0	29	147	0	-2	15	161	350	3300	3149	151	3650	0	3650
4	15.34.25	0	29	148	0	-1	11	320	507	3602	3404	198	4109	4	4113
5	14.29.38	0	36	157	0	-2	11	320	522	3532	3395	137	4054	0	4054
6	16.28.11	0	36	147	0	0	16	333	532	3498	3455	43	4030	0	4030
7	15.16.02	0	36	146	0	0	15	324	521	3456	3446	10	3977	2	3979
8	11.44.04	0	38	150	0	0	16	320	524	3412	3295	117	3936	0	3936
9	19.42.43	0	36	149	0	0	16	331	532	3119	3152	-33	3651	0	3651
10	22.43.02	0	36	151	0	-2	16	333	534	2948	2969	-21	3482	0	3482
11	15.18.47	0	36	310	0	-2	14	190	548	3298	3317	-19	3846	0	3846
12	15.44.29	0	30	310	0	-2	14	185	537	3269	3262	7	3806	13	3819
13	15.04.38	0	28	307	0	-1	15	330	679	3221	3221	0	3900	0	3900
14	19.29.50	0	29	262	0	-1	16	333	639	3254	3173	81	3893	2	3895
15	22.49.44	0	29	262	0	0	16	323	630	3401	3279	122	4031	3	4034
16	15.28.00	0	26	296	0	-2	16	326	662	3598	3385	213	4260	0	4260
17	23.29.43	0	28	265	0	-4	16	326	631	3695	3507	188	4326	12	4338
18	15.29.53	0	36	266	0	-8	15	328	637	4089	3927	162	4726	4	4730
19	15.41.56	0	36	269	0	254	14	314	887	3910	3953	-43	4797	2	4799
20	23.28.07	0	36	270	0	250	11	322	889	3604	3534	70	4493	8	4501
21	15.03.08	0	36	269	0	255	16	326	902	3848	3797	51	4750	0	4750
22	15.35.09	0	36	268	0	255	16	321	896	3819	3834	-15	4715	0	4715
23	00:00:00	0	36	268	0	252	16	328	900	3304	3443	-139	4204	3	4207
24	00:00:00	0	36	262	0	252	11	328	889	3141	3089	52	4030	0	4030
25	15.30.00	0	31	261	0	255	12	308	867	3407	3507	-100	4274	0	4274
26	15.39.01	0	31	266	0	255	11	331	894	3536	3580	-44	4430	0	4430
27	23.25.05	0	32	266	0	255	12	326	891	3509	3490	19	4400	9	4409
28	16.00.00	0	31	285	0	288	12	323	939	3646	3352	294	4585	0	4585
29	15.54.00	0	31	278	0	271	11	320	911	3873	3839	34	4784	0	4784
30	23.29.00	0	35	277	0	283	11	321	927	3571	3461	110	4498	0	4498

SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR APRIL 2016

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

A (i) RPH	0.000
(ii) GT+STG	25.889
(iii) PRAGATI	166.494
(iv) RITHALA	0.000
(v) BAWANA CCGT	76.006
(vi) Timarpur ó Okhla	13.081
TOTAL	281.470
B) AVAILABILITY FROM BTPS	211.285
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	11.350
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	481.405

B) SOURCE WISE SCHEDULED DRAWL FROM THE NORTHERN GRID

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
B/SUIL	8.658	8.438	6.458	6.294
SALAL	32.341	31.521	24.127	23.515
SASAN	296.416	288.937	300.356	292.778
TANKAPUR	0.843	0.821	0.629	0.613
CHAMERA	14.195	13.834	10.589	10.321
CHAMERA -II	12.972	12.644	9.676	9.431
CHAMERA -III	7.638	7.445	5.698	5.554
DHAULIGANGA	5.105	4.976	3.808	3.712
SEWA -2	7.291	7.104	5.439	5.300
URI	37.425	36.481	27.919	27.214
URI-II	21.016	20.487	15.678	15.283
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	6.138	5.982	6.138	5.982
PARBATI3	3.971	3.871	2.963	2.888
RAMPUR	0.000	0.000	0.000	0.000
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	0.669	0.653	0.336	0.328
ANTA (RLNG)	19.784	19.284	0.000	0.000
ANTA (LIQUID)	0.000	0.000	0.000	0.000
DADRI (GAS)	40.759	39.735	10.712	10.440
DADRI (RLNG)	20.874	20.343	0.003	0.003
DADRI (LIQUID)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	18.252	17.796	5.335	5.203
AURAIYA (RLNG)	31.170	30.379	0.004	0.003
AURAIYA (LIQUID)	0.000	0.000	0.000	0.000
SINGRAULI	51.499	50.205	50.722	49.448
RIHAND -I	52.880	51.549	41.735	40.683
RIHAND -II	85.243	83.094	73.589	71.733
RIHAND -III	84.651	82.507	78.944	76.943
UNCHAHAHAR-I	12.435	12.123	8.186	7.981
UNCHAHAHAR-II	17.545	17.094	12.322	12.003
UNCHAHAHAR-III	19.849	19.348	13.453	13.112
DADRI (TH)	526.255	512.973	364.146	354.984
DADRI (TH) STAGE-II	278.589	271.596	235.587	229.674
NAPP	30.425	29.657	30.425	29.657
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	37.915	36.958	37.915	36.958
NATHPA JHAKRI	28.762	28.035	21.457	20.914
DULASTI	23.493	22.900	17.526	17.083
TEHRI	7.369	7.182	7.369	7.182
JHAJJAR	290.159	282.831	198.057	193.093
KHELGAON	29.961	29.207	27.289	26.602
KHELGAON-II	104.340	101.706	97.894	95.426
FARAKA	5.218	5.085	4.384	4.272
TALA	2.835	2.763	2.835	2.763
TALCHER	0.000	0.000	0.000	0.000

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
DVC	241.988	239.886	239.886	233.854
UTTAR PRADESH	0.000	0.000	0.000	0.000
TRIPURA	0.000	0.000	0.000	0.000
MEGHALAYA	1.338	1.332	1.332	1.299
ASSAM	0.000	0.000	0.000	0.000
DVC CTPS (BYPL)	0.000	0.000	0.000	0.000
DVC CTPS (NDPL)	0.000	0.000	0.000	0.000
METHON POWER(NDPL)LT-06	185.292	183.226	183.226	178.600
DVC MEJIA (LT-08)(BYPL)	72.958	72.324	72.324	70.498
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	19.252	19.087	19.087	18.616
HIMACHAL PRADESH	0.000	0.000	0.000	0.000
PUNJAB	0.000	0.000	0.000	0.000
MADHYA PRADESH	0.000	0.000	0.000	0.000
CHATTISHGARH	1.339	1.319	1.319	1.286
DVC LT-9	0.000	0.000	0.000	0.000
HARYANA (LT-05)	2.695	2.675	2.675	2.613
RAJASTHAN	18.692	18.252	18.252	17.802
ORISSA	0.000	0.000	0.000	0.000
RAJASTHAN(SOLAR) BRPL-LT36	4.211	4.111	4.111	4.007
RAJASTHAN(SOLAR) BYPL - LT-35	4.097	4.000	4.000	3.899
RAJASTHAN(SOLAR) TPDDL LT-31	3.983	3.889	3.889	3.791
TO JAMMU & KASHMIR	-2.315	-2.341	-2.341	-2.401
TO KARNATAKA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	-7.935	-8.123	-8.123	-8.338
TO MEGHALAYA	0.000	0.000	0.000	0.000
TO PUNJAB	0.000	0.000	0.000	0.000
TO CHATTISHGARH	-52.082	-53.099	-53.099	-54.473
TO UTTARANCHAL	-0.335	-0.345	-0.345	-0.353
TO KERALA	-0.301	-0.307	-0.307	-0.315
TO RAJASTHAN	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	0.000	0.000	0.000	0.000
TO ORISSA	-70.184	-70.799	-70.799	-72.632
POWER EXCHANGE(IEX)	81.701	79.608	81.701	79.608
TO POWER EXCHANGE (IEX)	-54.719	-56.109	-54.719	-56.109
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-6.644	-6.810	-6.644	-6.810
TO SHARE PROJECT (PUNJAB)	-6.369	-6.528	-6.369	-6.528
TOTAL	2711.602	2642.791	2188.761	2123.288

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

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
NTPC - NR	1260.454	1228.678	895.075	872.539
NTPC - ER	139.518	135.997	129.566	126.300
NHPC	174.947	170.521	130.510	127.208
NPC	68.340	66.616	68.340	66.616
SASAN	296.416	288.937	300.356	292.778
KOTESHWAR	6.138	5.982	6.138	5.982
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	28.762	28.035	21.457	20.914
TEHRI	7.369	7.182	7.369	7.182
TALA	2.835	2.763	2.835	2.763
JHAJJAR	290.159	282.831	198.057	193.093
TALCHER	0.000	0.000	0.000	0.000
RAJASTHAN SOLAR(BRPL)T-36	4.211	4.111	4.111	4.007
RAJASTHAN SOLAR(BYPL)T-35	4.097	4.000	4.000	3.899
RAJASTHAN SOLAR(TPDDL)T-31	3.983	3.889	3.889	3.791
DVC	241.988	239.886	239.886	233.854

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
UTTAR PRADESH	0.000	0.000	0.000	0.000
TRIPURA	0.000	0.000	0.000	0.000
MEGHALAYA	1.338	1.332	1.332	1.299
ASSAM	0.000	0.000	0.000	0.000
DVC CTPS (BYPL)	0.000	0.000	0.000	0.000
DVC CTPS (NDPL)	0.000	0.000	0.000	0.000
METHON POWER (NDPL)-LT-06	185.292	183.226	183.226	178.600
DVC MEJIA (LT-08)(BYPL)	72.958	72.324	72.324	70.498
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	19.252	19.087	19.087	18.616
HIMACHAL PRADESH	0.000	0.000	0.000	0.000
PUNJAB	0.000	0.000	0.000	0.000
MADHYA PRADESH	0.000	0.000	0.000	0.000
CHATTISHGARH	1.339	1.319	1.319	1.286
DVC (FOR NDPL) LT-09	0.000	0.000	0.000	0.000
HARYANA (LT -05)	2.695	2.675	2.675	2.613
RAJASTHAN	18.692	18.252	18.252	17.802
ORISSA	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	81.701	79.608	81.701	79.608
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	2912.486	2847.252	2391.506	2331.248

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 JAMMU & KASHMIR	-2.315	-2.341	-2.341	-2.401
TO KARNATAKA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	-7.935	-8.123	-8.123	-8.338
TO MEGHALAYA	0.000	0.000	0.000	0.000
TO CHATTISHGARH	-52.082	-53.099	-53.099	-54.473
TO PUNJAB	0.000	0.000	0.000	0.000
TO UTTRANCHAL	-0.335	-0.345	-0.345	-0.353
TO KERALA	-0.301	-0.307	-0.307	-0.315
TO RAJASTHAN	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	0.000	0.000	0.000	0.000
TO ORISSA	-70.184	-70.799	-70.799	-72.632
TO POWER EXCHANGE (IEX)	-54.719	-56.109	-54.719	-56.109
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-6.644	-6.810	-6.644	-6.810
TO SHARE PROJECT (PUNJAB)	-6.369	-6.528	-6.369	-6.528
TOTAL	-200.883	-204.461	-202.745	-207.960
TOTAL SCHEDULED DRAWAL FROM THE GRID	2711.602	2642.791	2188.761	2123.288

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS		2623.944
NET CONSUMPTION		2612.594
AVAILABILITY WITHIN DELHI		481.405
ACTUAL DRAWAL FROM THE GRID		2131.189
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY		7.901
LOAD SHEDDING		2.609
UNRESTRICTED DEMAND (GROSS)		2626.553
UNRESTRICTED DEMAND (NET)		2615.203
MAX. NET CONSUMPTION		102.107 ON 20.04.2016
MAX. LOAD SHEDDING		402MW ON 01.04.2016 AT 00.10HRS.
PEAK LOAD	Peak Demand during the month	SHEDDING AT PEAK TIME
DAY PEAK	4797MW AT 15.41.56HRS ON 19.04.2016	1 MW
EVENING PEAK	4580MW AT 23.00HRS ON 21.04.2016	0 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH	0.00%
	GT	13.32%
	PRAGATI	70.07%
	RITHALA	0.00%
	BAWANA	7.70%
	Timarpur Okhla	113.55%

DATE	No. of Under Freq. Relay Operated	Shedding due to under frequency relay operation in MUs					Shedding due to Grid Restrictions (Over drawal / low freq.)				
		BSES		NDPL	NDMC	TOTAL	BSES		NDPL	NDMC	MES
		BYPL	BRPL				BYPL	BRPL			
1	2	3	4	5	6	7=3 to 6	8	9	10	11	12
01.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000
03.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.378	0.000	0.000	0.000
04.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.019	0.146	0.000	0.000	0.000
05.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000
07.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000
15.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000
16.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.071	0.003	0.000	0.000
19.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000
26.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000
27.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.090	0.030	0.000	0.000
28.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.046	0.173	0.026	0.000	0.000
29.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000
30.Apr.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0	0.000	0.000	0.000	0.000	0.000	0.065	0.934	0.059	0.000	0.000

Date	Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VOILATION				DUE TO NEW GRID CODE REGULATION DEVIATION			Shedding due to Transmission/Grid Constraints in Central sector stations				Total 24=8 to 23	Total shedding due to grid restrictions 25=7+24	
	BSES		NDPL	NDMC	BSES		TPDDL	NDMC	BSES		TPDDL			NDMC
	BYPL	BRPL			BYPL	BRPL			BYPL	BRPL				
	13	14	15	16	17	18	19	20	21	22	23			
01.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.004
03.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.378	0.378
04.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.165	0.165
05.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.005
07.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003
15.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.012
16.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.074	0.074
19.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006
26.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.022
27.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.120	0.120
28.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.245	0.245
29.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.024
30.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.058	1.058

Date	DUE TO T&D CONSTRAINTS IN DELHI SYSTEM								
	DTL					DISCOMS			
	BSES		NDPL	NDMC	MES	BSES		NDPL	NDMC
	BYPL	BRPL				BYPL	BRPL		
26	27	28	29	30	31	32	33	34	
01.Apr.16	0.000	0.011	0.000	0.000	0.000	0.001	0.019	0.000	0.000
02.Apr.16	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000
03.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000
04.Apr.16	0.022	0.002	0.000	0.000	0.000	0.000	0.033	0.006	0.000
05.Apr.16	0.000	0.003	0.034	0.000	0.000	0.000	0.000	0.000	0.000
06.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
07.Apr.16	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000
08.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0002	0.000
09.Apr.16	0.000	0.033	0.000	0.000	0.000	0.000	0.097	0.000	0.000
10.Apr.16	0.002	0.007	0.000	0.000	0.000	0.000	0.001	0.000	0.000
11.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
12.Apr.16	0.000	0.000	0.000	0.000	0.000	0.010	0.058	0.000	0.000
13.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000
14.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.037	0.000	0.000
15.Apr.16	0.000	0.000	0.004	0.000	0.000	0.000	0.013	0.000	0.000
16.Apr.16	0.000	0.045	0.005	0.000	0.000	0.007	0.063	0.000	0.000
17.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.080	0.000	0.000
18.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.160	0.000	0.000
19.Apr.16	0.000	0.006	0.000	0.000	0.000	0.016	0.045	0.003	0.000
20.Apr.16	0.000	0.000	0.000	0.000	0.000	0.006	0.067	0.000	0.000
21.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.001	0.000
22.Apr.16	0.006	0.000	0.007	0.000	0.000	0.000	0.009	0.001	0.000
23.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.075	0.000	0.000
24.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
25.Apr.16	0.023	0.005	0.000	0.000	0.000	0.000	0.017	0.013	0.000
26.Apr.16	0.000	0.012	0.000	0.000	0.000	0.028	0.051	0.023	0.000
27.Apr.16	0.000	0.001	0.000	0.000	0.000	0.000	0.066	0.008	0.000
28.Apr.16	0.000	0.013	0.000	0.000	0.000	0.000	0.064	0.001	0.000
29.Apr.16	0.000	0.000	0.002	0.000	0.000	0.007	0.053	0.002	0.000
30.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000
TOTAL	0.053	0.138	0.054	0.000	0.000	0.077	1.113	0.060	0.000

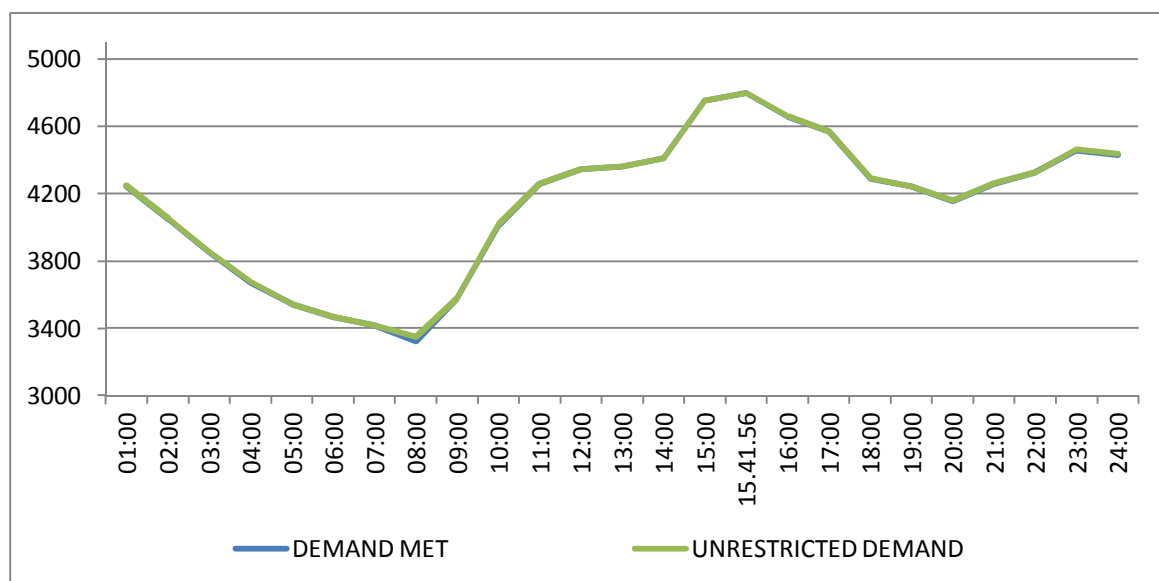
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		NDPL	NDMC	BSES		NDPL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.031	0.031
02.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.006
03.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.384
04.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.063	0.228
05.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.037	0.037
06.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.006
07.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
08.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.130	0.130
10.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
11.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
12.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.068	0.068
13.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.012
14.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.037	0.040
15.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.029
16.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.120	0.120
17.Apr.16	0.000	0.009	0.007	0.000	0.000	0.000	0.000	0.096	0.096
18.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.164	0.238
19.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.070
20.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.073	0.073
21.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.071	0.071
22.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023	0.023
23.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.075	0.075
24.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
25.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058	0.064
26.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.125	0.147
27.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.085	0.205
28.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.080	0.325
29.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.075	0.099
30.Apr.16	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.018	0.018
TOTAL	0.000	0.009	0.007	0.000	0.000	0.000	0.040	1.551	2.609

DATE	(NET CONS.)	MAXI. DEMAND MET DURING THE DAY	TIME OF OCCURRENCE 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.16	74.386	3716	19:18	5	3721	3721	19:18	3716	5
02.Apr.16	74.835	3604	11:22:33	0	3604	3604	11:22:33	3604	0
03.Apr.16	76.254	3650	19:26:22	0	3650	3650	19:26:22	3650	0
04.Apr.16	82.829	4109	15:34:25	4	4113	4113	15:34:25	4109	4
05.Apr.16	84.807	4054	14:29:38	0	4054	4054	14:29:38	4054	0
06.Apr.16	83.796	4030	16:28:11	0	4030	4030	16:28:11	4030	0
07.Apr.16	83.684	4067	15:16:02	2	4069	4069	15:16:02	4067	2
08.Apr.16	80.409	3936	11:44:04	0	3936	3936	11:44:04	3936	0
09.Apr.16	79.266	3651	19:42:43	0	3651	3651	19:42:43	3651	0
10.Apr.16	75.192	3482	22:43:02	0	3482	3482	22:43:02	3482	0
11.Apr.16	80.678	3846	15:18:47	0	3846	3846	15:18:47	3846	0
12.Apr.16	80.974	3806	15:44:29	13	3819	3819	15:44:29	3806	13
13.Apr.16	81.567	3900	15:04:38	0	3900	3900	15:04:38	3900	0
14.Apr.16	82.962	3893	19:29:50	2	3895	3895	19:29:50	3893	2
15.Apr.16	84.482	4031	22:49:44	3	4034	4034	22:49:44	4031	3
16.Apr.16	89.833	4260	15:28	8	4268	4268	15:28	4260	8
17.Apr.16	89.886	4326	23:29:43	12	4338	4338	23:29:43	4326	12
18.Apr.16	97.174	4726	15:29:53	4	4730	4730	15:29:53	4726	4
19.Apr.16	99.357	4797	15:41:56	2	4799	4799	15:41:56	4797	2
20.Apr.16	102.107	4493	23:28:07	8	4501	4501	23:28:07	4493	8
21.Apr.16	98.143	4750	15:03:08	0	4750	4750	15:03:08	4750	0
22.Apr.16	99.565	4715	15:35:09	0	4715	4715	15:35:09	4715	0
23.Apr.16	88.493	4204	00:00:00	3	4207	4207	00:00:00	4204	3
24.Apr.16	82.248	4030	00:00:00	0	4030	4030	00:00:00	4030	0
25.Apr.16	89.746	4274	15:30	0	4274	4274	15:30	4274	0
26.Apr.16	91.869	4430	15:39:01	0	4430	4430	15:39:01	4430	0
27.Apr.16	94.151	4400	23:25:05	0	4400	4400	23:25:05	4400	0
28.Apr.16	95.266	4585	16:00	0	4585	4585	16:00	4585	0
29.Apr.16	96.365	4784	15:54	0	4784	4784	15:54	4784	0
30.Apr.16	92.270	4498	23:29	0	4498	4498	23:29	4498	0
TOTAL	2612.594	4797 19.04.16	15:41:56	2	4799 19.04.16	4799	15:41:56	4797	1

LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING APRIL 2016 ON 19.04.2016- 4797MW AT 15.41.26HRS.

All figures in MW

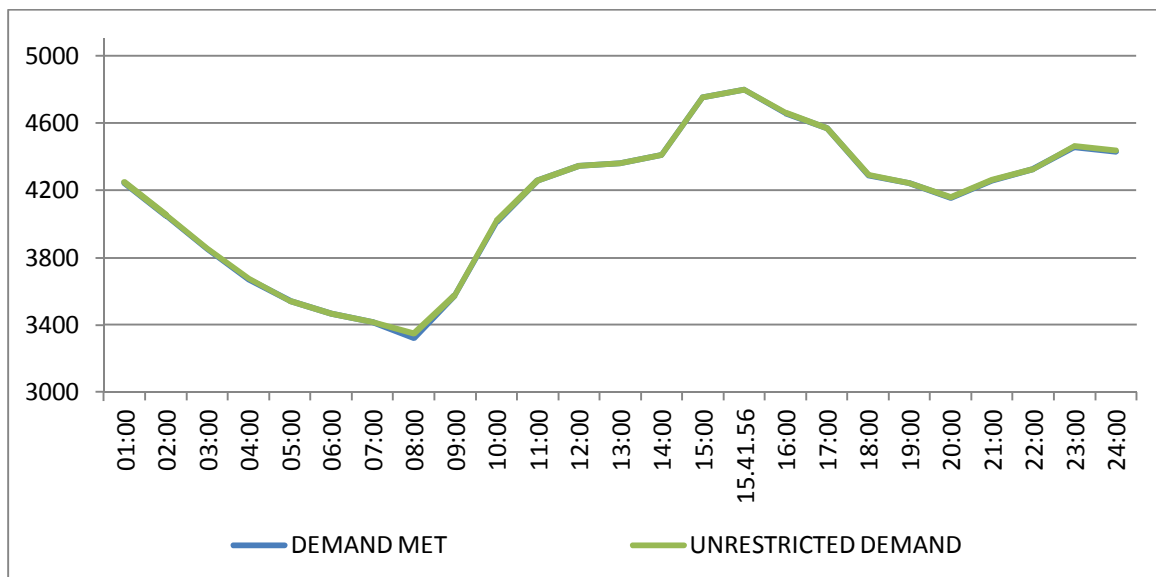
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4245	3	4248
02:00	4051	3	4054
03:00	3851	4	3855
04:00	3669	8	3677
05:00	3544	0	3544
06:00	3466	0	3466
07:00	3418	0	3418
08:00	3324	25	3349
09:00	3577	0	3577
10:00	4011	6	4017
11:00	4258	0	4258
12:00	4347	0	4347
13:00	4362	0	4362
14:00	4411	0	4411
15:00	4752	0	4752
15.41.56	4797	2	4799
16:00	4659	2	4661
17:00	4569	3	4572
18:00	4288	3	4291
19:00	4245	0	4245
20:00	4156	3	4159
21:00	4259	3	4262
22:00	4327	0	4327
23:00	4457	6	4463
24:00	4430	6	4436
Total (IN MUS)	99.357	0.070	99.427



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING APRIL 2016 ON 19.04.2016- 4799MW AT 15.41.26HRS.

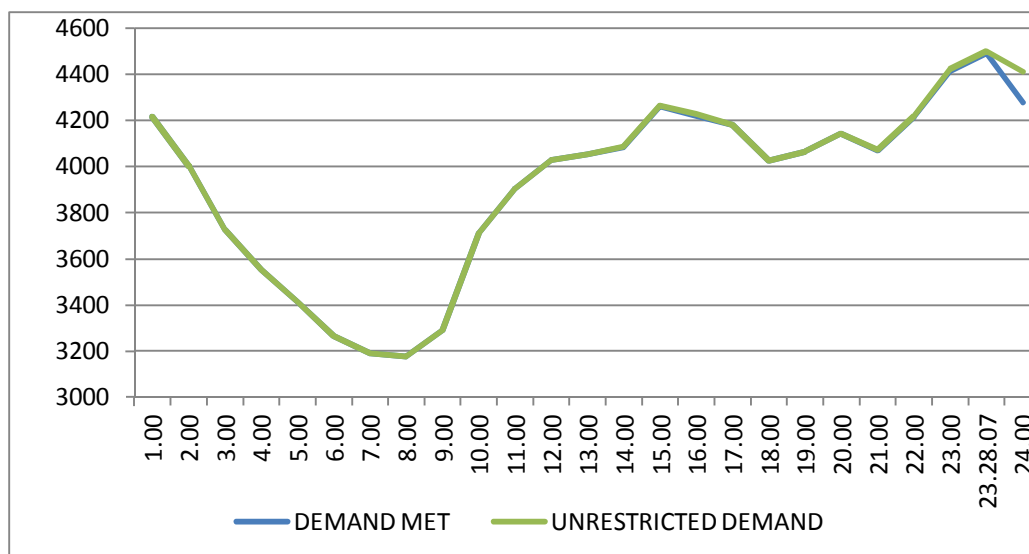
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4245	3	4248
02:00	4051	3	4054
03:00	3851	4	3855
04:00	3669	8	3677
05:00	3544	0	3544
06:00	3466	0	3466
07:00	3418	0	3418
08:00	3324	25	3349
09:00	3577	0	3577
10:00	4011	6	4017
11:00	4258	0	4258
12:00	4347	0	4347
13:00	4362	0	4362
14:00	4411	0	4411
15:00	4752	0	4752
15.41.56	4797	2	4799
16:00	4659	2	4661
17:00	4569	3	4572
18:00	4288	3	4291
19:00	4245	0	4245
20:00	4156	3	4159
21:00	4259	3	4262
22:00	4327	0	4327
23:00	4457	6	4463
24:00	4430	6	4436
Total (IN MUS)	99.357	0.070	99.427



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING APRIL 2016 – 20.06.2015 – 102.107Mus All figures in MW

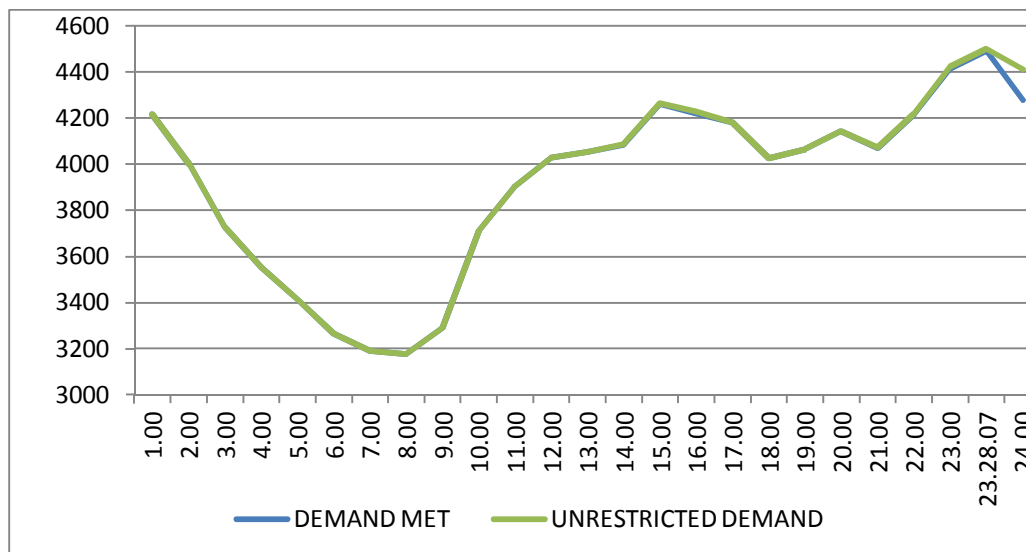
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	4217	0	4217
2.00	4003	0	4003
3.00	3725	0	3725
4.00	3551	0	3551
5.00	3414	0	3414
6.00	3266	0	3266
7.00	3191	0	3191
8.00	3178	0	3178
9.00	3291	0	3291
10.00	3712	0	3712
11.00	3904	0	3904
12.00	4028	0	4028
13.00	4053	0	4053
14.00	4084	4	4088
15.00	4261	2	4263
16.00	4221	8	4229
17.00	4181	1	4182
18.00	4025	0	4025
19.00	4064	0	4064
20.00	4141	2	4143
21.00	4069	4	4073
22.00	4217	3	4220
23.00	4413	8	4421
23.28.07	4493	8	4501
24.00	4278	132	4410
Total (IN MUS)	102.107	0.073	102.180



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING APRIL 2016 – 20.06.2015 – 102.180 Mus

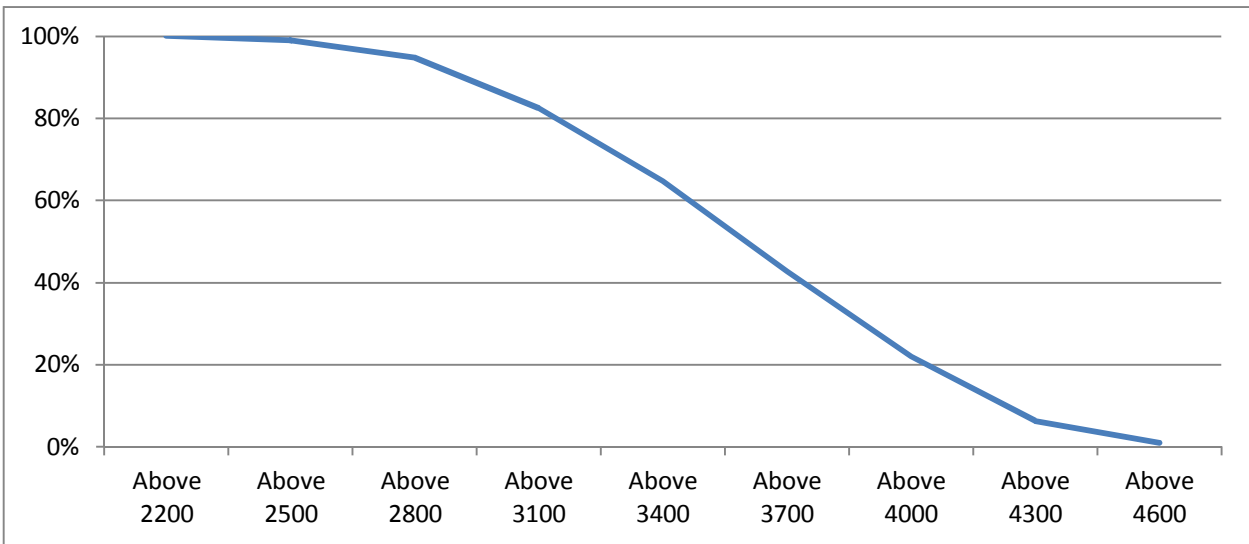
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	4217	0	4217
2.00	4003	0	4003
3.00	3725	0	3725
4.00	3551	0	3551
5.00	3414	0	3414
6.00	3266	0	3266
7.00	3191	0	3191
8.00	3178	0	3178
9.00	3291	0	3291
10.00	3712	0	3712
11.00	3904	0	3904
12.00	4028	0	4028
13.00	4053	0	4053
14.00	4084	4	4088
15.00	4261	2	4263
16.00	4221	8	4229
17.00	4181	1	4182
18.00	4025	0	4025
19.00	4064	0	4064
20.00	4141	2	4143
21.00	4069	4	4073
22.00	4217	3	4220
23.00	4413	8	4421
23.28.07	4493	8	4501
24.00	4278	132	4410
Total (IN MUS)	102.107	0.073	102.180



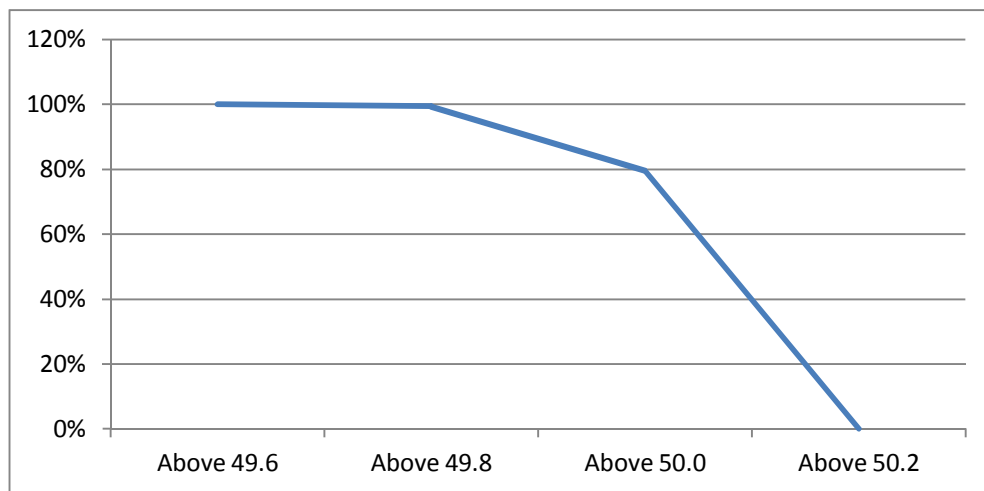
14 **LOAD DURATION CURVE FOR APRIL 2016**

Load in MW	Percentage of Time
Above 2200	100%
Above 2500	98.96%
Above 2800	94.76%
Above 3100	82.43%
Above 3400	64.76%
Above 3700	42.74%
Above 4000	22.08%
Above 4300	6.32%
Above 4600	0.97%



FREQUENCY ANALYSIS FOR THE MONTH OF APRIL 2016

Frequency Range in Hz.	Percentage of time
Above 49.6	100%
Above 49.8	99.30%
Above 50.0	79.48%
Above 50.2	0.03%



16 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING APRIL 2016

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.Apr.16	231.88	217.70	228.66	--
02.Apr.16	232.14	217.70	230.59	215.63
03.Apr.16	231.24	219.76	231.75	219.63
04.Apr.16	231.11	217.70	229.95	--
05.Apr.16	232.01	218.21	230.46	216.53
06.Apr.16	231.11	217.31	229.17	216.28
07.Apr.16	230.59	218.34	227.50	216.02
08.Apr.16	229.43	217.95	226.34	214.99
09.Apr.16	229.43	217.82	229.30	215.63
10.Apr.16	228.66	217.31	228.79	--
11.Apr.16	228.79	214.34	234.72	--
12.Apr.16	227.63	214.60	228.01	216.53
13.Apr.16	227.37	212.41	228.14	214.47
14.Apr.16	229.23	214.60	226.21	213.83
15.Apr.16	229.17	217.18	227.37	215.63
16.Apr.16	229.95	213.18	226.21	213.83
17.Apr.16	227.88	--	228.01	216.28
18.Apr.16	226.34	211.25	228.01	215.63
19.Apr.16	226.85	213.18	228.53	213.31
20.Apr.16	228.79	213.70	228.79	213.44
21.Apr.16	227.37	212.79	229.30	215.12
22.Apr.16	228.27	215.12	229.17	217.95
23.Apr.16	231.37	217.05	231.75	217.57
24.Apr.16	231.24	216.92	231.57	217.70
25.Apr.16	228.79	217.82	229.43	217.82
26.Apr.16	229.82	217.05	230.59	216.92
27.Apr.16	227.88	217.05	229.17	215.37
28.Apr.16	227.88	217.18	228.14	214.60
29.Apr.16	227.50	217.05	228.53	217.31
30.Apr.16	228.01	218.86	230.08	--

17 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING APRIL 2016

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Apr.16	414.81	02.59	393.70	11.44	406.00
02.Apr.16	416.21	02.59	391.59	19.15	405.39
03.Apr.16	415.04	17.30	398.16	19.09	408.20
04.Apr.16	413.63	02.45	394.41	11.46	404.21
05.Apr.16	415.98	08.03	395.58	19.07	406.00
06.Apr.16	413.87	08.01	393.54	19.23	405.70
07.Apr.16	414.57	05.27	395.58	14.48	405.05
08.Apr.16	412.46	02.56	93.47	19.15	404.23
09.Apr.16	415.04	08.03	393.70	19.18	404.63
10.Apr.16	414.81	08.04	395.58	19.40	407.05
11.Apr.16	413.87	08.02	389.95	19.21	402.43
12.Apr.16	412.46	08.03	390.89	19.26	403.33
13.Apr.16	414.81	13.02	385.73	22.24	403.19
14.Apr.16	411.52	08.01	387.84	19.15	401.92
15.Apr.16	411.06	06.16	389.95	23.09	402.00
16.Apr.16	414.29	08.05	388.78	23.34	400.47
17.Apr.16	416.92	09.05	389.01	22.37	405.72
18.Apr.16	412.23	08.02	387.84	23.06	399.83
19.Apr.16	413.40	08.06	385.26	22.46	399.63
20.Apr.16	413.87	08.04	386.43	23.01	402.36
21.Apr.16	416.68	08.03	387.61	22.35	402.53
22.Apr.16	413.40	18.16	391.59	00.49	397.04
23.Apr.16	419.03	08.04	390.42	22.38	404.37
24.Apr.16	417.15	08.14	392.06	22.18	406.93
25.Apr.16	415.04	08.00	396.05	19.41	403.35
26.Apr.16	413.87	18.01	396.90	22.16	398.32
27.Apr.16	410.82	07.01	387.61	22.17	400.75
28.Apr.16	411.06	06.01	--	07.48	358.87
29.Apr.16	407.54	18.46	390.89	23.05	396.38
30.Apr.16	413.40	06.48	393.94	14.28	402.74

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Apr.16	425.59	02.52	406.13	11.42	417.68
02.Apr.16	426.53	02.52	401.44	19.15	415.84
03.Apr.16	426.30	17.30	408.71	19.09	419.02
04.Apr.16	425.36	02.28	407.30	11.45	416.65
05.Apr.16	427.23	08.01	408.01	19.07	418.39
06.Apr.16	425.59	08.01	404.25	19.17	417.93
07.Apr.16	424.89	08.04	407.30	19.15	417.19
08.Apr.16	422.78	08.11	405.19	19.13	414.50
09.Apr.16	425.59	08.02	406.60	19.15	417.75
10.Apr.16	426.30	08.03	406.37	19.35	418.59
11.Apr.16	426.08	08.01	400.97	19.39	414.91
12.Apr.16	424.89	08.04	400.97	19.26	415.47
13.Apr.16	427.94	13.03	398.16	22.24	415.79
14.Apr.16	423.25	08.02	398.16	19.14	413.95
15.Apr.16	422.55	06.15	402.14	19.12	413.83
16.Apr.16	422.78	08.05	399.10	19.35	411.19
17.Apr.16	426.53	09.05	399.57	22.37	415.28
18.Apr.16	421.61	08.02	399.33	23.04	410.66
19.Apr.16	421.84	08.07	396.16	22.46	410.28
20.Apr.16	423.72	08.04	399.10	23.04	413.23
21.Apr.16	426.53	13.05	399.33	22.36	413.64
22.Apr.16	423.95	08.04	403.32	00.04	414.64
23.Apr.16	426.77	08.03	402.14	22.39	414.96
24.Apr.16	426.06	08.19	402.61	22.19	416.24
25.Apr.16	422.78	08.02	402.61	23.10	413.66
26.Apr.16	424.19	18.02	400.74	22.12	413.19
27.Apr.16	420.20	05.50	400.74	22.17	411.43
28.Apr.16	420.20	06.01	402.14	19.35	409.66
29.Apr.16	417.86	05.04	401.91	23.07	409.42
30.Apr.16	420.20	06.22	402.61	22.48	410.54

18 DETAILS OF LUMPED CAPACITORS AT NEAREST 220 KV SUBSTATION

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

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

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

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

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

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

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

20 DETAILS OF BREAK-DOWNS DURING THE MONTH OF APRIL 2016

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	17.4.15	18:42	220kV Maharani Bagh- Electric Lane Ckt-II	Contd.	Contd	AT MAHARANI BAGH CKT TRIPPED ON FAULT LOOP B TO E. AT ELECTRIC LANE CKT TRIPPED ON D/P,Z-1,C-PH,186,LBB, BUS BAR PROTECTION. CABLE DAMAGED DURING EXCAVATION BY MTNL.
2	2.2.16	13:35	GEETA COLONY 220/33kV 100MVA Tx-I	Contd.	Contd	TR. TRIPPED ON 30G, R,Y&B PHSE BUSHING DAMAGED.
3	8.3.16	12:01	BAWANA 400/220kV 315MVA ICT-IV	Contd.	Contd	ICT TRIPPED ON 87 DIFFERENTIAL PROTECTION, PRV TRIP, O/C, E/F. ICT DAMAGED DUE TO FIRE.
4	17.3.16	09:55	400kV Ballabgarh-Bamnauli Ckt-II	Contd.	Contd	CKT WAS MADE OFF TO ATTEND SPACER. AFTER CLEARANCE CKT WAS CHARGED AT 18:34 HRS BUT TRIPPED ON D/P,C-PH, SOTF, DIST-219 METER,186A&B. B1-PH CABLE JOINT BOX DAMAGED.
5	1.4.16	11:40	220kV MEHRAULI - VASANT KUNJ CKT.-I	1.4.16	11:58	AT VASANTKUNJ CKT TRIPPED ON C-PH,E/F. CKT DID NOT TRIP AT MEHRAULI.
6	1.4.16	12:30	220kV MEHRAULI - VASANT KUNJ CKT.-I	1.4.16	16:06	AT VASANTKUNJ CKT TRIPPED ON C-PH,E/F,86. CKT DID NOT TRIP AT MEHRAULI.
7	1.4.16	15:35	220KV WAZIRABAD - MANDOLA CKT-I	1.4.16	17:14	AT WZB CKT TRIPPED ON D/P,Z-1,B&C-PH,DIST-4.023 KM. AT MANDOLA CKT TRIPPED ON D/P,Y&B-PH,DIST-9.778 KM.
8	1.4.16	17:35	SARITA VIHAR 66/11kV, 20MVA Tx-I	2.4.16	01:05	TX TRIPPED ON O/C,51A,51C,86.
9	2.4.16	13:18	220KV BAWANA-SHALIMARBAGH CKT-I	2.4.16	18:22	AT BWN CKT TRIPPED ON D/P,Z-1,186A&B,C-PH. CKT DID NOT TRIP AT SHALIMARBAGH.
10	4.4.16	13:05	220kV GAZIPUR - BTPS CKT	4.4.16	15:50	AT BTPS CKT TRIPPED ON D/P,Z-1,B-PH & E/F.CKT DID NOT TRIP AT GAZIPUR.
11	4.4.16	13:05	220kV GAZIPUR- PATPARGANJ CKT	5.5.16	14:58	AT PPG CKT TRIPPED ON D/P,Z-1,RY&B-PH. AT GZP CKT TRIPPED ON D/P,DIST-2.76KM. B-PH CABLE FAULTY.
12	4.4.16	13:05	220kV OKHLA - BTPS CKT. - II	4.4.16	14:50	AT BTPS CKT TRIPPED ON D/P,Z-1,B-Y PHASE,DIST-6.8KM. CKT DID NOT TRIP AT OKHLA. MONKEY FOUND ELECTROCUTED IN IDLE SECTION OF LINE NEAR TUGLAKABAD.
13	5.4.16	05:15	PAPPANKALAN-I 66/11kV, 20MVA Tx-I	5.4.16	08:50	TR. TRIPPED ON BUCHOLZ ALONGWITH I/C
14	5.4.16	17:20	220KVBAWANA- ROHINI CKT-II	5.4.16	18:37	AT BAWANA CKT. TRIPPED N D/P, 186 A&B, DC-I FAIL AT ROHINI SUPPLY FAIL
15	5.4.16	17:29	BAWANA 220/66kV 100MVA Tx	5.4.16	17:38	TR. TRIPPED WITHOUT INDICATION
16	5.4.16	19:23	BAWANA 400/220kV 315MVA ICT-I	5.4.16	19:48	ICT TRIPPED ON CB AUTO TRIP
17	5.4.16	21:07	GAZIPUR 220/66kV 100MVA Tx-I	5.4.16	21:07	TR. PUT OFF FROM BOTH SIDES DUE TO OUTAGE OF MAIN PROTECTION RELAY
18	9.4.16	11:45	220kV KANJHAWALA-NAJAFGARH CKT	9.4.16	12:44	CKT TRIPPED WITHOUT INDICATION AT KANJHAWALA.
19	9.4.16	15:07	220kV BAMNAULI - DIAL CKT-I	9.4.16	16:16	AT BAMNAULI CKT TRIPPED ON D/P,Z-1,DIST-9.049KM. AT DIAL CKT TRIPPED ON D/P,Z-1.
20	9.4.16	23:16	NARELA 220/66kV 100MVA Tx-II	9.4.16	23:53	TX TRIPPED WITHOUT INDICATION.
21	10.4.16	06:28	220kV PRAGATI - SARITA VIHAR CKT - I	10.4.16	12:15	AT PRAGATI CKT TRIPPED ON D/P,Z-1,ABC-PH,DIST-8.826KM 186. AT SARITA VIHAR CKT TRIPPED ON D/P,Z-1,ABC-PH, DIST-4.39KM,186A&B.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
22	10.4.16	17:10	220kV MAHARANI BAGH - LODHI ROAD CKT-I	10.4.16	18:52	AT MAHARANI BAGH CKT TRIPPED ON D/P,Z-1,R&Y-PH. CKT DID NOT TRIP AT LODHI ROAD.
23	10.4.16	23:18	220kV GAZIPUR - BTPS CKT	11.4.16	18:33	AT BTPS CKT TRIPPED ON D/P,Z-1,DIST-3.8KM. CKT DID NOT TRIP AT GAZIPUR.
24	11.4.16	11:10	SARITA VIHAR 220/66kV 100MVA Tx-III	11.4.16	18:15	TX TRIPPED ON DIFFERENTIAL TRIP,B-PH,86B,95B.66KV I/C-3 TRIPPED ON INTER TRIPPING.
25	11.4.16	11:10	220kV MEHRAULI - BTPS CKT. - I	11.4.16	19:23	AT MEHRAULI CKT TRIPPED ON D/P,Z-1,B-PH,186. AT BTPS CKT TRIPPED ON D/P,Z-1,DIST-9.6KM.
26	12.4.16	05:10	MEHRAULI 66/11kV, 20MVA Tx-I	12.4.16	08:13	I/C -I TRIPPED WITHOUT INDICATION.
27	13.4.16	14:35	220kV DIAL- MEHRAULI CKT-II	13.4.16	15:17	AT MEHRAULI CKT TRIPPED ON B-PH LINE DIFFERENTIAL,86 & 186. AT DIAL CKT TRIPPED ON D/P,Z-1,B-PH.
28	14.4.16	12:23	220kV MEHRAULI - BTPS CKT. - II	14.4.16	16:18	AT BTPS CKT TRIPPED ON D/P,Z-1,R-PH,DIST-6.8KM,E/F. AT MEHRAULI CKT TRIPPED ON D/P,Z-1,DIST-13.16KM.
29	15.4.16	02:08	220kV BAMNAULI-PAPPANKALAN-I CKT-I	15.4.16	03:10	AT PPK-1 CKT TRIPPED ON 86. CKT DID NOT TRIP AT BAMNAULI.
30	15.4.16	09:58	SARITA VIHAR 220/66kV 100MVA Tx-III	15.4.16	12:30	TX TRIPPED ON SPR.
31	15.4.16	12:58	220kV MEHRAULI - VASANT KUNJ CKT.- I	15.4.16	14:08	AT MEHRAULI CKT TRIPPED ON D/P,R-PH,A/R,186,E/F. CKT DID NOT TRIP AT VASANTKUNJ.
32	15.4.16	13:11	220kV NARELA - MANDOLA CKT-I	15.4.16	14:47	AT MANDOLA CKT TRIPPED ON D/P,R-PH,DIST-23KM. CB OF CKT WAS IN OFF POSITION AT NARELA.
33	15.4.16	13:53	220kV GOPALPUR- MANDOLACKT-I	15.4.16	15:39	AT MANDOLA CKT TRIPPED ON D/P,R-PH,DIST-20.6KM. CKT DID NOT TRIP AT GOPALPUR.
34	16.4.16	12:46	220kV MEHRAULI - BTPS CKT. - II	16.4.16	18:45	AT MEHRAULI CKT TRIPPED ON D/P,Z-2,DIST-16.68KM,186. AT BTPS CKT TRIPPED ON D/P,Z-1,DIST-0.5KM.
35	16.4.16	12:46	OKHLA 220/66kV 100MVA Tx-I	16.4.16	13:30	66KV I/C-1 OF TX TRIPPED ON 51CX,E/F. FIRE REPORTED ON 66KV CAP BANK-3.
36	16.4.16	12:46	OKHLA 220/66kV 100MVA Tx-II	16.4.16	13:30	66KV I/C-2 OF TX TRIPPED ON 51CX,E/F. FIRE REPORTED ON 66KV CAP BANK-3.
37	17.4.16	16:22	220kV BAMNAULI - DIAL CKT-I	17.4.16	22:18	AT DIAL CKT. TRIPPED ON REL MAIN-II, RYB PHASE TRIP, PROT TRIP, R PHASE FAULTY, ZONE-II AT BAMNAULI DIST PROT, DIST 1.3KM, ZONE -I, A PHASE
38	17.4.16	16:22	220kV DIAL- MEHRAULI CKT-I	17.4.16	16:46	AT DIAL CKT .TRIPPED ON MAIN -I, RYB PHASE, 86A, 86B AT MEHRAULI CKT. DID NOT TRIPED
39	19.4.16	06:20	OKHLA 66/11kV, 20MVA Tx-II	19.4.16	14:35	TR. TRIPPED ON 65 LV PROTECTION, E/F, 64 RLA, 11KV I/C-II TRIPPED ON 86

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
40	19.4.16	09:05	220kV PRAGATI - SARITA VIHAR CKT-II	19.4.16	23:41	AT PRAGATI CKT. TRIPPED ON ABCPHASE, 186-186, 85B AT SARITA VIHAR CKT. TRIPPED ON ABC PHASE, 186 A&B, ZONE-I, DIST 2.746KMS
41	19.4.16	09:55	220kV MEHRAULI - BTPS CKT. - II	19.4.16	12:52	AT MEHRAULI CKT. TRIPPED ON DIST PROT, ZONE-I, ABC GROUP, TRIP ABC PHSE, DIST 4.182KM AT BTPS CKT. TRIPPED ON R PHASE, E/F, ZONE-I, DIST 16.9KM
42	19.4.16	19:20	220kV GAZIPUR - BTPS CKT	19.4.16	22:52	AT BTPS CKT. TRIPPED N ZONE-I, R PHASE, DIST 16.5KM AT GAZIPUR CB OF THE CKT. WAS IN OPEN POSITION
43	22.4.16	10:30	220kV NARELA - MANDOLA CKT-I	22.4.16	10:55	CKT. TRIPPED AT MANDOLA ON SPS NO TRIPPING AT NARELA
44	22.4.16	10:30	220kV NARELA - MANDOLA CKT-II	22.4.16	10:55	CKT. TRIPPED AT MANDOLA ON SPS NO TRIPPING AT NARELA
45	22.4.16	14:25	220kV NARELA - MANDOLA CKT-I	22.4.16	15:52	AT MANDOLA CKT. TRIPPED ON DIST PROT. AT NARELA CKT. WAS IN OFF POSITION
46	22.4.16	16:43	220KV WAZIRABAD - MANDOLA CKT-IV	22.4.16	17:54	AT WAZIRABAD CKT. TRIPPED ON DIST PROT, ZONE-I, DIST 1.06KM FROM MANDOLA. AT MANDOLA ZONE-III, DIST 12KM
47	23.4.16	15:10	220kV PRAGATI - SARITA VIHAR CKT - I	23.4.16	16:18	AT SARITA VIHAR CKT. TRIPPED ON DIST PROT, ZONE -I, DIST 1.332KM, ABC PHSE AT PRAGATI CKT. TRIPED ON TRIP PHASE ABC, ZONE-II, FAULT LOCATION 10.61KM, 186, 186
48	25.4.16	05:30	SUBZI MANDI 33/11kV, 16MVA Tx-II	25.4.16	15:20	TR. TRIPPED ON 86 , 87 RELAY
49	25.4.16	10:39	GAZIPUR 66kV VIVEK VIHAR CKT-I (PPG INDUSTRIAL AREA)	25.4.16	10:47	CKT. TRIPPED ON 86, ZONE-I, DUE TO PT FUSE FAILURE
50	25.4.16	10:39	GAZIPUR 66kV KONDLI CKT-I	25.4.16	10:47	CKT. TRIPPED ON 86, ZONE-I, DUE TO PT FUSE FAILURE
51	25.4.16	10:39	GAZIPUR 66kV KONDLI CKT-II	25.4.16	10:47	CKT. TRIPPED ON 86, ZONE-I, DUE TO PT FUSE FAILURE
52	25.4.16	10:39	GAZIPUR 66kV VIVEK VIHAR CKT- 2	25.4.16	10:47	CKT. TRIPPED ON 86, ZONE-I, DUE TO PT FUSE FAILURE
53	26.4.16	09:45	NAJAFGARH 66/11kV, 20MVA Tx-I	26.4.16	09:58	TR. TRIPPED ON 86
54	26.4.16	12:30	220kV MEHRAULI - VASANT KUNJ CKT.- I	26.4.16	14:37	AT MEHRAULI CKT. TRIPPED ON ZONE-I, DIST TRIP, PHASE ABN, TRIP AB PHASE, ACTIVE GROUP-I, DIST 2.47KM AT VASANT KUNJ CKT. DID NOT TRIPPED.
55	26.4.16	13:00	220kV MEHRAULI - BTPS CKT. - II	26.4.16	18:20	AT BTPS CKT. TRIPPED ON ZONE-II, R PHASE, DIST PROT, DIST. 19.5KM AT MEHRAULI CKT. TRIPPED ON ZONE-I, GROUP -I, TRIP ABC, DIST 1.331KM
56	26.4.16	16:27	220kV KANJHAWALA-NAJAFGARH CKT	26.4.16	20:42	AT KHANJAWALA CKT. TRIPPED ON MAIN I&II, RB PHASE, , SOTF APPEARED
57	26.4.16	16:46	NAJAFGARH 66/11kV, 20MVA Tx-II	26.4.16	16:56	TR. TRIPPED ON 86, NEUTRAL UNBALANCE
58	26.4.16	22:10	NAJAFGARH 66/11kV, 20MVA Tx-I	27.4.16	19:20	TR. TRIPPED ON 86, 87

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
59	26.4.16	22:07	220kV MUNDKA-NAJAFGARH CKT	27.4.16	15:53	AT MUNDKA CKT. TRIPPED ON AB PHASE, RYB PHASE TRIP, NO TRIPPING AT NAJAFGARH
60	27.4.16	00:00	PAPPANKALAN-II 220/66kV 100MVA Tx-II	27.4.16	20:15	TR. TRIPPED ON SRP TRIP, OIL LEVEL LOW ALARM, OLTC BUCH TRIP, PROT RELAY
61	27.4.16	07:32	OKHLA 220/33kV 100MVA Tx-V	27.4.16	13:50	TR. TRIPPED ON PRV, 86
62	27.4.16	14:28	220kV DIAL- MEHRAULI CKT-I	27.4.16	18:50	AT MEHRAULI CKT. TRIPPED ON DIFF , R PHASE, DIST PROT, ZONE-I, DISTANCE 7.585KM AT DIAL CKT. TRIPPED ON R PHASE TRIP, ZONE-I, DIFFERENTIAL, R PHASE, DIST 3.71KM
63	27.4.16	15:02	220kV GAZIPUR - BTPS CKT	27.4.16	17:22	AT BTPS CKT .TRIPPED ON DIST PROT, R PHASE, ZONE-I, DIST 7.23KM AT GAZIPUR CKT. DID NOT TRIPPED
64	28.4.16	14:15	220kV BAMNAULI-PAPPANKALAN-I CKT-I	28.4.16	17:01	AT BAMNAULI CKT. TRIPPED ON 186 A&B , C PHASE, ZONE-I, DIST 4KM AT PAPANALAN-I CKT. DID NOT TRIPPED
65	29.4.16	13:36	BAWANA 400/220kV 315MVA ICT-II	29.4.16	18:52	ICT PUT OFF DUE TO CONTROL CABLE CAUGHT FIRE
66	29.4.16	13:36	220kV BAWANA - KANJHAWALA CKT-2	29.4.16	19:37	AT BAWANA CKT. TRIPPED ON DIST PROT, A - PHASE ZONE - II , DIST 6.81 KM AT KHANJAWALA CKT. DID NOT TRIPPED.
67	29.4.16	13:36	220kV BAWANA - KANJHAWALA CKT - 1	30.4.16	11:41	AT BAWANA CKT. TRIPPED ON DIST PROT, A PHSE ZONE-I, DIST 0.01KM AT KHANJAWALA SUPPLY FAIL
68	30.4.16	07:03	220kV NARAINA-RIDGE VALLEY CKT-I	30.4.16	07:50	AT NARAINA CKT. TRIPPED ON POLE DISCREPANCY AT RIDGE VALLY CKT. DID NOT TRIPPED.
69	30.4.16	13:20	GAZIPUR 220/66kV 100MVA Tx-I	30.4.16	13:48	TR. TRIPPED WITHOUT INDICATION
70	30.4.16	14:25	220kV MUNDKA-NAJAFGARH CKT	30.4.16	15:14	AT MUNDKA CKT. TRIPPED ON DIST PROT, Y AND B PHASE AT NAJAFGARH SUPPLY FAIL.

20 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF APRIL 2016

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