

DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

APRIL - 2018

S. No.	CONTENTS	Page No.
1.	Salient Features of Delhi Power System	3
2.	Performance of Generating Stations within Delhi	4
3.	Details of Outage of Generating Stations within Delhi	5-7
4.	Allocation of Power to Delhi from unallocated quota of central sector	8
5.	Allocation of Power to Discoms	9
6.	Power Availability Demand Position of Delhi at the time of occurrence of Peak Demand	10
7.	Power Availability Demand Position of Delhi at the time of occurrence of Maximum Un-Restricted Demand	11
8.	Source wise scheduled drawl from grid and Availability within Delhi	12-15
9.	Shedding Details	16-20
10.	Load Curve for the Day of Peak Demand	21
11.	Load Curve for the day of occurrence of Maximum Un-Restricted Demand	22
12.	Load Curve for the day of Maximum Energy Consumed	23
13.	Load Curve for the day of Maximum Un-Restricted Energy Demand	24
14.	Load Duration Curve	25
15.	Frequency Analysis	26
16.	Voltage Profile for significant 220kV Sub-Stations	27
17.	Voltage Profile for significant 400kV Sub-Stations	28-29
18.	Details of Capacitors Installations in Delhi	30-38
19.	Tripping Details of 400/220 KV System in Delhi Power System	39-41
20.	Details of Under frequency Relay operations in Delhi Power System	42

SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	APR. 2017	APR. 2018
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)	5688	5200
	Date	21.04.17	27.04.18
	Time	15.46.26	15.34.54
3	Peak Demand met (MW)	5685	5200
	Date	21.04.17	27.04.18
	Time	15.46.26	15.34.54
4	Peak Availability (MW)	5678	5067
5	Shortage (-) / Surplus (+) in MW	(-)7	(-) 133
6	Percentage Shortage (-) / Surplus (+)	0.12	(-) 2.56
7	Maximum Energy Consume in a day (Mus)	116.349	104.080
8	Energy Consumed during the month	2777.856	2633.927
9	Load Shedding in Mus		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	.001	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	0.045	0.000
	BRPL	0.054	0.000
	BYPL	0.000	0.000
	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	0.100	0.000
B)	Due to Constraints in System in Mus		
	DTL	0.565	0.650
	NDPL	0.095	0.080
	BRPL	1.005	0.661
	BYPL	0.080	0.051
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.048	0.012
	Total	1.793	1.455
11	Grand Total in Mus	1.893	1.455

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING APRIL 2018

A) For the month of April 2018

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	RPH	0.000	0.208	-0.208	0.000	0.000
2.	GT	64.774	2.336	62.438	67.15	63.875
3.	PPCL	144.602	3.295	141.307	66.66	12.912
4.	BTPS	89.762	8.784	80.978	61.59	200.789
5.	Rithala	0.000	0.060	-0.060	89.17	59.040
6.	Bawana	319.317	11.006	308.311	56.67	233.485
7.	Towmcl	14.391	2.069	12.322	--	--
8.	EDWPCL	2.302	0.771	1.531	--	--
9.	DMSWL	14.000	2.239	11.651	-	--
	TOTAL	649.148	30.768	618.27	--	570.101

B) For the Year 2018-19 (Upto April 2018)

Power Station	Effective Capacity (MW)	Net Generation in MUs for Apr. 2018	Availability (%) for Apr. 2018	PLF (%) for Apr. 2018	Cumulative Generation in MUs upto Apr. 2018 for the year 2018-19	Cumulative Availability in % upto Apr. 2018 for the year 2018-19	Cumulative PLF in % upto Apr. 2018 for the year 2018-19
RPH	135	-0.208	0.000	0.000	-0.208	0.000	0.000
GT	270	62.438	67.15	33.27	62.438	67.15	33.27
PPCL	330	141.307	66.66	61.06	141.307	66.66	61.06
BTPS	705	80.978	61.59	17.69	80.978	61.59	17.69
Rithala	108	-0.060	89.17	0.00	-0.060	89.17	0.00
Bawana	1372	308.311	56.67	31.96	308.311	56.67	31.96
Towmcl	16	12.322	--	--	12.322	--	--
EDWPCL	--	1.531	--	--	1.531	--	--
DMSWL	--	11.651	-	--	11.651	-	--
TOTAL	2936	618.27	--	--	618.27	--	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2018
RPH

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	08.05.15	13.40	Contd.		Not in operation due to not meeting pollution norms.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	67.5	21.05.15	10.20	Contd.		Not in operation due to not meeting pollution norms.

(B) Gas Turbine

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	30	1.4.18	00:00	4.4.18	06:44	Machine stopped as per SLDC message due to low demand on CCNG
		17.4.18	00:45	17.4.18	13:25	Machine tripped on Heavy jerk from the system and came on FSNL

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	17.4.18	00:45	17.4.18	03:40	Machine tripped on Heavy jerk from the system and came on FSNL
		18.4.18	05:40	18.4.18	07:49	Machine tripped on Exhaust Temperature High

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	1.4.18	00:00	4.4.18	07:20	Machine stopped as per SLDC message due to low demand on CCSpot
		9.4.18	13:45	13.4.18	13:32	Machine stopped as per SLDC message due to low demand on CCSpot. Started for Testing Black Start
		13.4.18	14:40	15.4.18	17:05	Machine stopped as per SLDC message due to low demand on CCSpot. Started for Trial RUN
		15.4.18	17:10	16.4.18	02:18	Machine stopped as per SLDC message due to low demand on CCSpot
		24.4.18	11:00	27.4.18	18:50	Machine stopped as per SLDC message due to low demand on CCSpot
		29.4.18	00:03	30.4.18	23:59	Machine stopped as per SLDC message due to low demand on CCSpot

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	30	1.4.18	00:00	4.4.18	10:05	Machine stopped as per SLDC message due to low demand on OCSpot
		6.4.18	07:40	6.4.18	16:31	Machine tripped on Electrical trouble normal shutdown
		6.4.18	17:15	15.4.18	07:34	Machine stopped as per SLDC message due to low demand on CCSpot
		15.4.18	23:29	19.4.18	13:04	Machine tripped on Communication failed with IO Pack. The machine not started due to low schedule from SLDC
		20.4.18	08:58	30.4.18	23:59	Machine stopped as per SLDC message due to low demand on CCSpot

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	30	1.4.18	00:00	29.4.18	10:01	Machine stopped as per SLDC message due to low demand on CCSpot
		29.4.18	13:45	29.4.18	18:10	Trial run
		29.4.18	22:14	30.4.18	23:59	Machine stopped as per SLDC message due to low demand on CCSpot

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
6	30	1.4.18	00:00	30.4.18	23:59	Machine under Major Inspection and out of DC

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -1	30	17.4.18	00:45	17.4.18	15:14	Machine tripped on Heavy jerk from the system
		26.4.18	16:52	26.4.18	18:44	Machine tripped due to tripping of 2 MVA Transformer-1

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -2	30	1.4.18	00:00	4.4.18	14:08	Machine stopped as per SLDC message due to low demand on CCSpot
		7.4.18	11:35	7.4.18	12:08	Machine tripped suddenly on control valve closing
		9.4.18	13:45	15.4.18	09:43	Machine stopped as per SLDC message due to low demand on CCSpot
		17.4.18	01:20	17.4.18	04:58	Machine tripped on all the parameters showing on blue band .
		18.4.18	08:01	18.4.18	08:35	Machine tripped on Turbine channel 1&2 operated alarm appeared.
		18.4.18	10:48	18.4.18	11:38	Machine tripped on hunting started of parameters on BCD.
		24.4.18	11:00	24.4.18	12:15	Machine stopped to attend oil leakage from servo motor line
		24.4.18	12:15	27.4.18	21:00	Machine cleared but not started due to no schedule from SLDC
		29.4.18	00:03	30.4.18	23:59	Machine stopped as per SLDC message due to low demand on CCSpot
		17.4.18	01:20	17.4.18	03:58	Machine tripped on all the parameters showing on blue band .

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -3	30	1.4.18	00:00	30.4.18	23:59	Machine under O/H

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	01.04.18	00.00	17.04.18	16.49	Stopped for HGPI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	104	17.04.18	18.47	18.04.18	12.45	Tripped on internal fault.
		18.04.18	12.45	19.04.18	06.24	Stopped due to low demand.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	122	20.04.18	15.01	20.04.18	16.43	Tripped on internal fault.

(D) BADARPUR THERMAL POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	95	01.04.18	00.00	30.04.18	00.00	Not in operation due to not meeting pollution norms

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	95	01.04.18	00.00	30.04.18	00.00	Not in operation due to not meeting pollution norms

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	95	01.04.18	00.00	30.04.18	00.00	Not in operation due to not meeting pollution norms

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	210	01.04.18	00.00	30.04.18	00.00	Not in operation due to not meeting pollution norms

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	210	01.04.18	00.00	09.04.18	07.54	Not in operation due to not meeting pollution norms

(E) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	21.04.18	0.00	23.04.18	07.00	Machine shut down for Filter Replacement so half of STG #1 was also not available.

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	216	NIL				

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-1	254	02.04.18	06.49	02.04.18	11.58	Field breaker and Excitation Trip generated due to Regulation Supply fuse failure. Circuit checked, Power fuse changed and machine synchronised to further test the system.
		02.04.18	12.12	02.04.18	13.34	Again machine tripped on same fault. Fuse Barrier circuit replaced due to malfunctioning of micro switch contact.
		02.04.18	19.37	02.04.18	21.09	Field breaker and Excitation Trip generated due to Regulation Supply fuse failure. The circuit of PLC and fuse barrier checked and digital I/O card which generates this signal changed, machine synchronised.
		02.04.18	21.50	02.04.18	22.27	During HRSG paralleling STG tripped on Low Main steam temperature as HP Bypass#1 was not following reference properly, and loads on GTs were high for smooth paralleling.

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	216	17.04.18	00.00	30.04.18	23.59	Minor overhauling of Generator and Upgradation of GT#3 and BHM installation.

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	216	01.04.18	00.00	16.04.18	18.00	Machine taken out of DC for Planned maintenance.(Combustion inspection)

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-2	254	01.04.18	00.00	30.04.18	23.59	STG#2 tripped on Bucholz relay operated. Transformer is under revival.

(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	30.04.18	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	30.04.18	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	30.04.18	23.59	Stopped due to low demand and high frequency

4

ALLOCATION OF POWER TO DELHI

A)

Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 01.04.2017

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
TOTAL	9782	1302	2306	2016	0	0	2016
<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
Dhaulti 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>SJVNL</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	17627	1990	3132	2793	0	0	2793
<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	693	622	0	0	622
<u>Ultra Mega Projects</u>							
Sasan	3960	0	446	400	0	0	400
Grand Total	29047	2257	4531	4032	0	0	4032

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 2018

Date	Time of peak demand	Generation within Delhi										Import from the Grid	Schedule from the Grid	OD(-)/UD(+)	Demand met	Shedding	Un-Restricted Demand
		RP H	GT	PPCL	Rithal a	Bawana	Towmel	East Delhi	DMS WL	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	20.25.35	0	35	147	0	450	18	5	16	-3	668	2802	2790	12	3470	0	3470
2	12.00.57	0	35	145	0	373	18	3	18	-3	589	3337	3144	193	3926	0	3926
3	15.32.13	0	33	140	0	556	16	3	10	-3	755	3301	3176	125	4056	0	4056
4	15.42.47	0	125	139	0	557	17	5	18	-3	858	3360	3360	0	4218	0	4218
5	15.34.50	0	129	140	0	528	16	2	18	-3	830	3561	3451	110	4391	2	4393
6	15.13.30	0	101	140	0	626	10	3	18	-3	895	3490	3460	30	4385	0	4385
7	18.29.12	0	108	146	0	447	18	4	12	-3	732	2952	2807	145	3684	2	3686
8	19.22.27	0	108	147	0	447	18	2	19	-3	738	2919	2878	41	3657	0	3657
9	19.23.01	0	74	149	0	443	16	4	13	153	852	2964	2946	18	3816	0	3816
10	15.39.16	0	69	143	0	450	18	4	19	171	874	3186	3107	79	4060	0	4060
11	15.14.00	0	73	147	0	451	16	4	16	166	873	3068	3124	-56	3941	0	3941
12	15.58.41	0	70	144	0	445	17	4	17	181	878	3007	3048	-41	3885	0	3885
13	15.30.50	0	48	146	0	447	17	4	18	169	849	3045	3062	-17	3894	0	3894
14	19.22.26	0	71	144	0	441	16	4	15	143	834	2891	2836	55	3725	0	3725
15	23.16.24	0	106	147	0	540	18	2	5	155	973	2883	2758	125	3856	3	3859
16	15.45.00	0	100	141	0	503	17	-1	8	184	952	3228	3297	-69	4180	0	4180
17	15.29.36	0	99	141	0	462	16	3	18	179	918	3536	3410	126	4454	0	4454
18	15.19.36	0	100	138	0	431	15	-1	17	179	879	3609	3575	34	4488	0	4488
19	15.49.17	0	63	261	0	483	16	-1	11	186	1019	3658	3616	42	4677	9	4686
20	15.01.29	0	65	161	0	445	18	-1	17	178	883	3802	3601	201	4685	0	4685
21	00.02.03	0	107	279	0	428	17	-1	17	148	995	3207	3360	-153	4202	0	4202
22	00.00.31	0	112	262	0	233	17	-1	15	144	782	3046	2994	52	3828	0	3828
23	15.57.00	0	102	261	0	233	16	-1	16	159	786	3402	3358	44	4188	0	4188
24	15.06.19	0	67	260	0	233	18	-1	20	152	749	3689	3715	-26	4438	0	4438
25	15.35.59	0	66	267	0	450	17	4	17	156	977	3687	3684	3	4664	0	4664
26	15.18.20	0	67	263	0	487	16	4	15	183	1035	3884	3865	19	4919	0	4919
27	15.34.54	0	68	284	0	564	17	-1	17	187	1136	4064	3931	133	5200	0	5200
28	23.30.00	0	108	266	0	489	18	-1	19	144	1043	3792	3754	38	4835	0	4835
29	00.00.38	0	109	264	0	510	18	-1	19	160	1079	3721	3745	-24	4800	0	4800
30	23.00.47	0	71	262	0	524	18	-1	16	160	1050	4140	4018	122	5190	0	5190

POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING APRIL 2018

Date	Time of peak demand	Generation within Delhi										Import from the Grid	Schedule from the Grid	OD(-)/UD(+)	Demand met	Shedding	Un-Restricted Demand
		RP H	GT	PPCL	Rithala	Bawana	Towmcl	East Delhi	DMS WL	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	20.25.35	0	35	147	0	450	18	5	16	-3	668	2802	2790	12	3470	0	3470
2	12.00.57	0	35	145	0	373	18	3	18	-3	589	3337	3144	193	3926	0	3926
3	15.32.13	0	33	140	0	556	16	3	10	-3	755	3301	3176	125	4056	0	4056
4	15.42.47	0	125	139	0	557	17	5	18	-3	858	3360	3360	0	4218	0	4218
5	15.34.50	0	129	140	0	528	16	2	18	-3	830	3561	3451	110	4391	2	4393
6	15.13.30	0	101	140	0	626	10	3	18	-3	895	3490	3460	30	4385	0	4385
7	18.29.12	0	108	146	0	447	18	4	12	-3	732	2952	2807	145	3684	2	3686
8	19.22.27	0	108	147	0	447	18	2	19	-3	738	2919	2878	41	3657	0	3657
9	19.23.01	0	74	149	0	443	16	4	13	153	852	2964	2946	18	3816	0	3816
10	15.39.16	0	69	143	0	450	18	4	19	171	874	3186	3107	79	4060	0	4060
11	15.14.00	0	73	147	0	451	16	4	16	166	873	3068	3124	-56	3941	0	3941
12	15.58.41	0	70	144	0	445	17	4	17	181	878	3007	3048	-41	3885	0	3885
13	15.30.50	0	48	146	0	447	17	4	18	169	849	3045	3062	-17	3894	0	3894
14	19.22.26	0	71	144	0	441	16	4	15	143	834	2891	2836	55	3725	0	3725
15	23.16.24	0	106	147	0	540	18	2	5	155	973	2883	2758	125	3856	3	3859
16	15.45.00	0	100	141	0	503	17	-1	8	184	952	3228	3297	-69	4180	0	4180
17	15.29.36	0	99	141	0	462	16	3	18	179	918	3536	3410	126	4454	0	4454
18	15.19.36	0	100	138	0	431	15	-1	17	179	879	3609	3575	34	4488	0	4488
19	15.49.17	0	63	261	0	483	16	-1	11	186	1019	3658	3616	42	4677	9	4686
20	15.01.29	0	65	161	0	445	18	-1	17	178	883	3802	3601	201	4685	0	4685
21	00.02.03	0	107	279	0	428	17	-1	17	148	995	3207	3360	-153	4202	0	4202
22	00.00.31	0	112	262	0	233	17	-1	15	144	782	3046	2994	52	3828	0	3828
23	15.57.00	0	102	261	0	233	16	-1	16	159	786	3402	3358	44	4188	0	4188
24	15.06.19	0	67	260	0	233	18	-1	20	152	749	3689	3715	-26	4438	0	4438
25	15.35.59	0	66	267	0	450	17	4	17	156	977	3687	3684	3	4664	0	4664
26	15.18.20	0	67	263	0	487	16	4	15	183	1035	3884	3865	19	4919	0	4919
27	15.34.54	0	68	284	0	564	17	-1	17	187	1136	4064	3931	133	5200	0	5200
28	23.30.00	0	108	266	0	489	18	-1	19	144	1043	3792	3754	38	4835	0	4835
29	00.00.38	0	109	264	0	510	18	-1	19	160	1079	3721	3745	-24	4800	0	4800
30	23.00.47	0	71	262	0	524	18	-1	16	160	1050	4140	4018	122	5190	0	5190

SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR APRIL 2018

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

A (i) RPH	0.000
(ii) GT+STG	64.774
(iii) PRAGATI	144.602
(iv) RITHALA	0.000
(v) BAWANA CCGT	319.317
(vi) Timarpur – Okhla	14.391
EDWPCL	2.302
DMSWL	14.000
TOTAL	559.386
B) AVAILABILITY FROM BTPS	80.551
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	22.094
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	617.843

B) SOURCE WISE SCHEDULED DRAWL FROM THE NORTHERN GRID

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
B/SUIL	5.358	5.233	5.358	5.233
SALAL	22.815	22.446	22.815	22.446
SASAN	296.134	287.829	295.065	286.793
TANKAPUR	1.265	1.234	1.265	1.234
CHAMERA	9.980	9.819	9.980	9.819
CHAMERA -II	12.553	12.314	12.553	12.314
CHAMERA -III	7.781	7.651	7.781	7.651
DHAULIGANGA	5.478	5.388	5.478	5.388
SEWA -2	5.781	5.691	5.781	5.691
URI	32.922	32.318	32.921	32.317
URI-II	19.443	19.086	19.443	19.086
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	7.266	7.092	7.266	7.092
PARBATI3	2.442	2.389	2.442	2.389
RAMPUR	0.000	0.000	0.000	0.000
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	0.000	0.000	0.000	0.000
ANTA (RLNG)	20.034	19.310	0.000	0.000
ANTA (LIQUID)	10.462	10.084	0.000	0.000
DADRI (GAS)	13.630	13.408	2.815	2.770
DADRI (RLNG)	16.276	16.009	0.000	0.000
DADRI (LIQUID)	27.593	27.128	0.000	0.000
AURAIYA (GAS)	0.000	0.000	0.000	0.000
AURAIYA (RLNG)	12.377	12.083	0.000	0.000
AURAIYA (LIQUID)	37.982	37.081	0.000	0.000
SINGRAULI	62.691	60.743	61.435	59.524
SINGRAULI_HYDRO	0.384	0.372	0.384	0.372
RIHAND -I	36.453	35.311	35.673	34.556
RIHAND -II	85.045	82.395	83.836	81.220
RIHAND -III	85.324	82.635	82.042	79.446
UNCHAHAAR-I	15.152	14.902	13.628	13.401
UNCHAHAAR-II	30.549	30.053	27.774	27.321
UNCHAHAAR-III	10.138	9.983	8.997	8.860
UNCHAHAAR-IV	0.000	0.000	0.000	0.000
DADRI (TH)	386.109	379.815	263.909	259.545
DADRI (TH) STAGE-II	484.498	476.569	411.333	404.559
NAPP	18.132	17.687	18.132	17.687
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	37.452	36.101	37.452	36.101

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
NATHPA JHAKRI	25.982	25.490	25.982	25.490
DULASTI	19.929	19.596	19.929	19.596
TEHRI	9.859	9.623	9.859	9.623
JHAJJAR	283.467	278.878	224.698	221.013
KHELGAON	31.451	30.889	28.552	28.042
KHELGAON-II	103.474	101.622	98.572	96.807
FARAKA	7.642	7.525	7.118	7.009
TALA	1.857	1.824	1.857	1.824
TALCHER	0.000	0.000	0.000	0.000
DVC	113.393	112.574	112.574	111.616
CHATTISHGARH	0.000	0.000	0.000	0.000
DIKCHU	12.207	12.018	12.018	11.920
MEGHALAYA	0.058	0.057	0.057	0.057
MAHARASHTRA	0.000	0.000	0.000	0.000
HARYANA	2.961	2.935	2.935	2.909
MADHYA PRADESH	39.006	38.601	38.601	38.262
METHON POWER(NDPL)LT-06	176.553	175.263	175.263	173.826
DVC MEJIA (LT-08)(BYPL)	62.673	62.214	62.214	61.705
URS	0.323	0.319	0.323	0.319
JAMMU & KASHMIR	0.436	0.432	0.432	0.428
HIMACHAL PRADESH	11.762	11.570	11.570	11.468
DB POWR (CHATTISHGARH)	0.050	0.050	0.050	0.050
MIZORAM	1.960	1.920	1.920	1.905
NAGALAND	0.000	0.000	0.000	0.000
DVC LT-9	0.000	0.000	0.000	0.000
HARYANA (LT-05)	36.022	35.727	35.727	35.435
SIKKIM	0.344	0.339	0.339	0.337
WEST BENGAL	0.000	0.000	0.000	0.000
ORISSA MT-20 JITPL -DVC	5.617	5.562	5.562	5.517
TAMILNAIDU	0.000	0.000	0.000	0.000
MANIPUR	0.000	0.000	0.000	0.000
RAJASTHAN(SOLAR) BRPL-LT36	4.893	4.755	4.755	4.716
RAJASTHAN(SOLAR) BYPL - LT-35	5.132	4.987	4.987	4.946
RAJASTHAN(SOLAR) TPDDL LT-31	4.632	4.502	4.502	4.465
TO JHARKHAND	-0.163	-0.165	-0.165	-0.167
TO ANDHRA	-60.457	-61.345	-61.345	-61.843
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO WEST BENGAL	-62.497	-62.950	-62.950	-63.503
TO UTTAR PRADESH	-14.725	-14.998	-14.998	-15.121
TO J&K	0.000	0.000	0.000	0.000
TO TAMILNADU	-0.148	-0.150	-0.150	-0.151
TO GOA	-0.315	-0.320	-0.320	-0.323
TO MEGHALAYA	-2.955	-3.000	-3.000	-3.023
TO MANIPUR	-1.216	-1.233	-1.233	-1.246
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	-24.670	-25.230	-25.230	-25.413
TO HARYANA	-2.682	-2.725	-2.725	-2.747
POWER EXCHANGE(IEX)	37.217	36.899	37.217	36.899
TO POWER EXCHANGE (IEX)	-85.769	-86.486	-85.769	-86.486
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)	-20.576	-20.748	-20.576	-20.748
TO SHARE PROJECT (PUNJAB)	-20.575	-20.748	-20.575	-20.748
TOTAL	2521.651	2466.234	2104.134	2057.480

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	1334.696	1307.882	991.826	971.574
NTPC - ER	142.567	140.036	134.243	131.858
NHPC	145.747	143.167	145.745	143.166
NPC	55.584	53.787	55.584	53.787
SASAN	296.134	287.829	295.065	286.793
KOTESHWAR	7.266	7.092	7.266	7.092
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	25.982	25.490	25.982	25.490
TEHRI	9.859	9.623	9.859	9.623
TALA	1.857	1.824	1.857	1.824
JHAJJAR	283.467	278.878	224.698	221.013
TALCHER	0.000	0.000	0.000	0.000
RAJASTHAN SOLAR(BRPL)T-36	4.893	4.755	4.755	4.716
RAJASTHAN SOLAR(BYPL)T-35	5.132	4.987	4.987	4.946
RAJASTHAN SOLAR(TPDDL)T-31	4.632	4.502	4.502	4.465
DVC	113.393	112.574	112.574	111.616
CHATTISHGARH	0.000	0.000	0.000	0.000
DIKCHU	12.207	12.018	12.018	11.920
MEGHALAYA	0.058	0.057	0.057	0.057
MAHARASHTRA	0.000	0.000	0.000	0.000
HARYANA	2.961	2.935	2.935	2.909
MADHYA PRADESH	39.006	38.601	38.601	38.262
METHON POWER (NDPL)-LT-06	176.553	175.263	175.263	173.826
DVC MEJIA (LT-08)(BYPL)	62.673	62.214	62.214	61.705
URS	0.323	0.319	0.323	0.319
JAMMU & KASHMIR	0.436	0.432	0.432	0.428
HIMACHAL PRADESH	11.762	11.570	11.570	11.468
DB POWER (CHATTISHGARH)	0.050	0.050	0.050	0.050
MIZORAM	1.960	1.920	1.920	1.905
NAGALAND	0.000	0.000	0.000	0.000
DVC (FOR NDPL) LT-09	0.000	0.000	0.000	0.000
HARYANA (LT -05)	36.022	35.727	35.727	35.435
SIKKIM	0.344	0.339	0.339	0.337
WEST BENGAL	0.000	0.000	0.000	0.000
ORISSA MT-20 JITPL -DVC	5.617	5.562	5.562	5.517
TAMILNAIDU	0.000	0.000	0.000	0.000
MANIPUR	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	37.217	36.899	37.217	36.899
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	2818.399	2766.331	2403.170	2358.999

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 JHARKHAND	-0.163	-0.165	-0.165	-0.167
TO ANDHRA	-60.457	-61.345	-61.345	-61.843
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO WEST BENGAL	-62.497	-62.950	-62.950	-63.503
TO J&K	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	-14.725	-14.998	-14.998	-15.121
TO TAMILNADU	-0.148	-0.150	-0.150	-0.151
TO GOA	-0.315	-0.320	-0.320	-0.323
TO MEGHALAYA	-2.955	-3.000	-3.000	-3.023
TO MANIPUR	-1.216	-1.233	-1.233	-1.246
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	-24.670	-25.230	-25.230	-25.413
TO HARYANA	-2.682	-2.725	-2.725	-2.747
TO POWER EXCHANGE (IEX)	-85.769	-86.486	-85.769	-86.486
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-20.576	-20.748	-20.576	-20.748
TO SHARE PROJECT (PUNJAB)	-20.575	-20.748	-20.575	-20.748
TOTAL	-296.748	-300.098	-299.036	-301.518
TOTAL SCHEDULED DRAWAL FROM THE GRID	2521.651	2466.234	2104.134	2057.480

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS	2656.021
NET CONSUMPTION	2633.927
AVAILABILITY WITHIN DELHI	617.843
ACTUAL DRAWAL FROM THE GRID	2016.084
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY	-41.396
LOAD SHEDDING	1.455
UNRESTRICTED DEMAND (GROSS)	2657.476
UNRESTRICTED DEMAND (NET)	2635.382
MAX. NET CONSUMPTION	105.680 ON 27.04.2018
MAX. LOAD SHEDDING	261MW ON 21.04.2018 AT 15.00HRS.
PEAK LOAD	Peak Demand during the month
DAY PEAK	5200MW AT 15.34.54 HRS ON 27.04.2018
EVENING PEAK	5190MW AT 23.00.47HRS ON 30.04.2018
P.L.F. OF GENCO AND PRAGATI STNs.	RPH GT PRAGATI RITHALA BAWANA Timarpur Okhla EDWPCL DMSWL
	0.00% 33.32% 60.86% 0.00% 32.35% 124.92% 26.64% 81.02%

SHEDDING DETAILS DURING THE MONTH OF APRIL 2018.

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	MES
		BYPL	BRPL				BYPL	BRPL			
1	2	3	4	5	6	7=3 to 6	8	9	10	11	12
01.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.Apr.18	0	0.000	0.000	0.0001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.Apr.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.Apr.18	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	0.000	0.000	0.000	0.000	0.000

ALL FIGURES IN MU_s

Date	Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VIOLATION				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	BSES		TPDDL	NDMC		
	BYPL	BRPL			BYPL	BRPL		BYPL	BRPL				
	13	14	15	16	17	18	19	20	21	22	23		
01.Apr.18	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.18	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
03.Apr.18	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
04.Apr.18	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
05.Apr.18	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.18	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
07.Apr.18	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.18	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.18	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.18	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.18	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.18	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.18	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.18	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
15.Apr.18	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
16.Apr.18	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.18	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.18	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
19.Apr.18	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.18	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.18	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.18	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.18	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.18	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.18	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
26.Apr.18	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
27.Apr.18	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
28.Apr.18	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
29.Apr.18	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
30.Apr.18	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	0.000

ALL FIGURES IN MUs

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.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0003	0.000
02.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.005	0.000
03.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.028	0.000	0.000
04.Apr.18	0.000	0.000	0.005	0.000	0.000	0.000	0.036	0.000	0.000
05.Apr.18	0.002	0.016	0.026	0.000	0.006	0.000	0.031	0.023	0.000
06.Apr.18	0.000	0.011	0.000	0.000	0.000	0.009	0.044	0.006	0.000
07.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.009	0.000
08.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.052	0.000	0.000
10.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
11.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000
12.Apr.18	0.0001	0.000	0.010	0.000	0.000	0.000	0.027	0.002	0.000
13.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.0002	0.000	0.000
14.Apr.18	0.000	0.000	0.000	0.000	0.000	0.005	0.022	0.000	0.000
15.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.027	0.001	0.000
16.Apr.18	0.000	0.008	0.004	0.000	0.000	0.009	0.008	0.000	0.000
17.Apr.18	0.014	0.037	0.000	0.000	0.000	0.015	0.071	0.003	0.000
18.Apr.18	0.000	0.247	0.000	0.000	0.000	0.000	0.005	0.000	0.000
19.Apr.18	0.000	0.000	0.003	0.000	0.000	0.004	0.018	0.000	0.000
20.Apr.18	0.001	0.000	0.019	0.000	0.000	0.000	0.003	0.004	0.000
21.Apr.18	0.034	0.113	0.000	0.000	0.000	0.000	0.016	0.000	0.000
22.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000
23.Apr.18	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.001	0.000
24.Apr.18	0.000	0.017	0.000	0.000	0.000	0.000	0.006	0.003	0.000
25.Apr.18	0.000	0.010	0.006	0.000	0.000	0.000	0.034	0.003	0.000
26.Apr.18	0.000	0.044	0.000	0.000	0.000	0.003	0.122	0.000	0.000
27.Apr.18	0.000	0.000	0.000	0.000	0.000	0.003	0.040	0.001	0.000
28.Apr.18	0.002	0.000	0.000	0.000	0.000	0.000	0.009	0.001	0.000
29.Apr.18	0.002	0.006	0.007	0.000	0.000	0.000	0.008	0.015	0.000
30.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000
TOTAL	0.055	0.509	0.080	0.000	0.006	0.051	0.661	0.080	0.000

ALL FIGURES IN MU_s

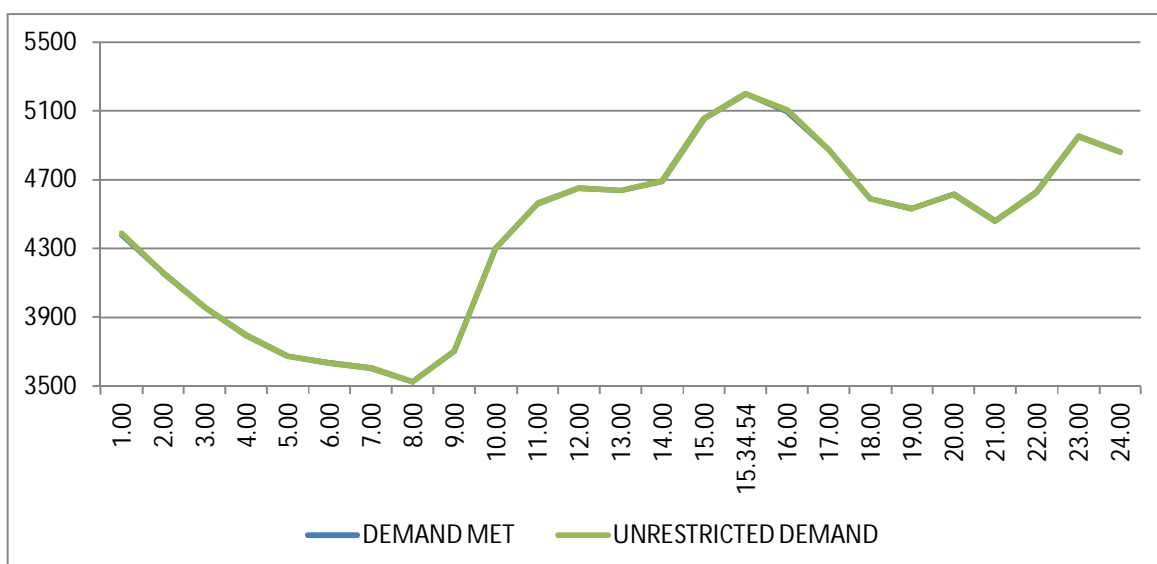
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		NDPL	NDMC	BSES		NDPL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.008
03.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.028	0.028
04.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041	0.041
05.Apr.18	0.000	0.007	0.004	0.000	0.000	0.000	0.000	0.115	0.115
06.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.070
07.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.049	0.049
08.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.052	0.052
10.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
11.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
12.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.039	0.039
13.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.027	0.027
15.Apr.18	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.029	0.029
16.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.029
17.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.140	0.140
18.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.252	0.252
19.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.025	0.025
20.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.027	0.027
21.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.163	0.163
22.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006
23.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007
24.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.026	0.026
25.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.053	0.053
26.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.169	0.169
27.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.044	0.044
28.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.012
29.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.038	0.038
30.Apr.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
TOTAL	0.000	0.007	0.005	0.000	0.000	0.000	0.000	1.455	1.455

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.18	80.593	3470	20:25:35	0	3470	3470	20:25:35	3470	0
02.Apr.18	70.707	3926	12:00:57	0	3926	3926	12:00:57	3926	0
03.Apr.18	83.883	4056	15:32:13	0	4056	4056	15:32:13	4056	0
04.Apr.18	87.918	4218	15:42:47	0	4218	4218	15:42:47	4218	0
05.Apr.18	91.245	4391	15:34:50	2	4393	4393	15:34:50	4391	2
06.Apr.18	85.927	4385	15:13:30	0	4385	4385	15:13:30	4385	0
07.Apr.18	75.643	3684	18:29:12	2	3686	3686	18:29:12	3684	2
08.Apr.18	76.345	3657	19:22:27	0	3657	3657	19:22:27	3657	0
09.Apr.18	77.610	3816	19:23:01	0	3816	3816	19:23:01	3816	0
10.Apr.18	81.674	4060	15:39:16	0	4060	4060	15:39:16	4060	0
11.Apr.18	79.862	3941	15:14:00	0	3941	3941	15:14:00	3941	0
12.Apr.18	80.205	3885	15:58:41	0	3885	3885	15:58:41	3885	0
13.Apr.18	82.983	3894	15:30:50	0	3894	3894	15:30:50	3894	0
14.Apr.18	78.224	3725	19:22:26	0	3725	3725	19:22:26	3725	0
15.Apr.18	79.117	3856	23:16:24	3	3859	3859	23:16:24	3856	3
16.Apr.18	88.618	4180	15:45	0	4180	4180	15:45	4180	0
17.Apr.18	92.429	4454	15:29:36	0	4454	4454	15:29:36	4454	0
18.Apr.18	92.822	4488	15:19:36	0	4488	4488	15:19:36	4488	0
19.Apr.18	96.397	4677	15:49:17	9	4686	4686	15:49:17	4677	9
20.Apr.18	95.486	4685	15:01:29	0	4685	4685	15:01:29	4685	0
21.Apr.18	90.823	4202	00:02:03	0	4202	4288	15:00	4027	261
22.Apr.18	80.978	3828	00:00:31	0	3828	3828	00:00:31	3828	0
23.Apr.18	86.541	4188	15:57	0	4188	4188	15:57	4188	0
24.Apr.18	91.789	4438	15:06:19	0	4438	4438	15:06:19	4438	0
25.Apr.18	95.254	4664	15:35:49	0	4664	4664	15:35:49	4664	0
26.Apr.18	100.706	4919	15:18:20	0	4919	4919	15:18:20	4919	0
27.Apr.18	105.680	5200	15:34:54	0	5200	5200	15:34:54	5200	0
28.Apr.18	101.229	4835	23:30	0	4835	4835	23:30	4835	0
29.Apr.18	99.159	4800	00:00:38	0	4800	4800	00:00:38	4800	0
30.Apr.18	104.080	4851	15:55	0	4851	4851	15:55	4851	0
TOTAL	2633.927	5200 27.04.18	15:34:54	0	5200 27.04.18	5200	15:34:54	5200	0

10 **LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING APRIL 2018 ON 27.04.2018- 5200MW AT 15.34.54HRS.**

All figures in MW

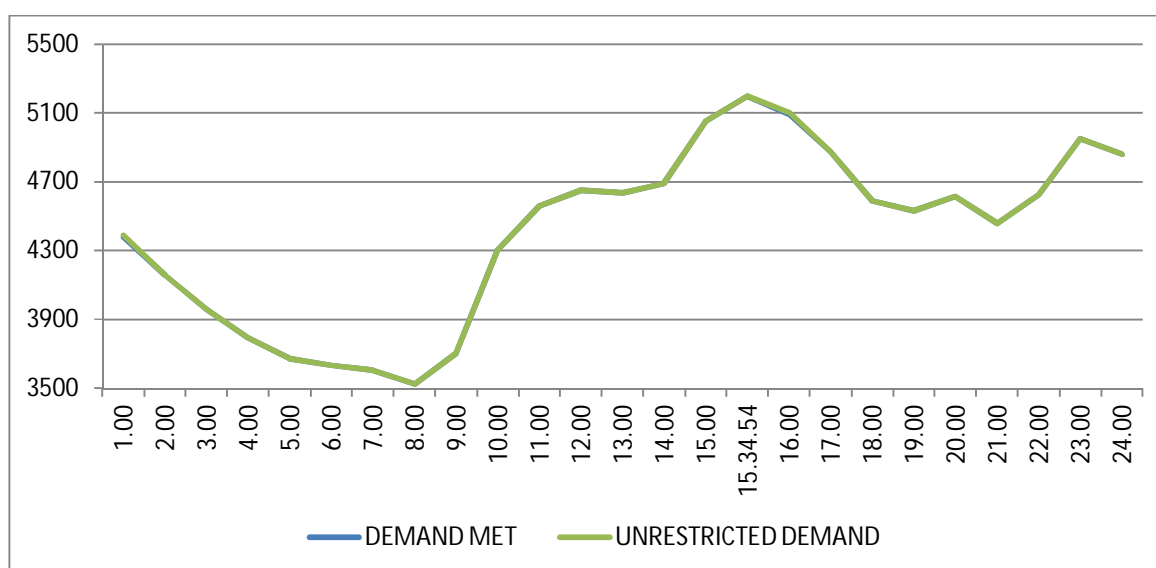
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	4379	9	4388
2.00	4159	0	4159
3.00	3961	0	3961
4.00	3796	0	3796
5.00	3672	0	3672
6.00	3632	0	3632
7.00	3604	0	3604
8.00	3525	0	3525
9.00	3702	0	3702
10.00	4305	0	4305
11.00	4561	0	4561
12.00	4650	0	4650
13.00	4637	0	4637
14.00	4690	0	4690
15.00	5055	0	5055
15.34.54	5200	0	5200
16.00	5094	9	5103
17.00	4875	0	4875
18.00	4590	0	4590
19.00	4533	0	4533
20.00	4615	0	4615
21.00	4460	0	4460
22.00	4625	0	4625
23.00	4953	0	4953
24.00	4862	0	4862
Total (IN MUS)	105.65	0.044	105.694



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING APRIL 2018 ON 27.04.2018- 5200MW AT 15.34.54HRS.

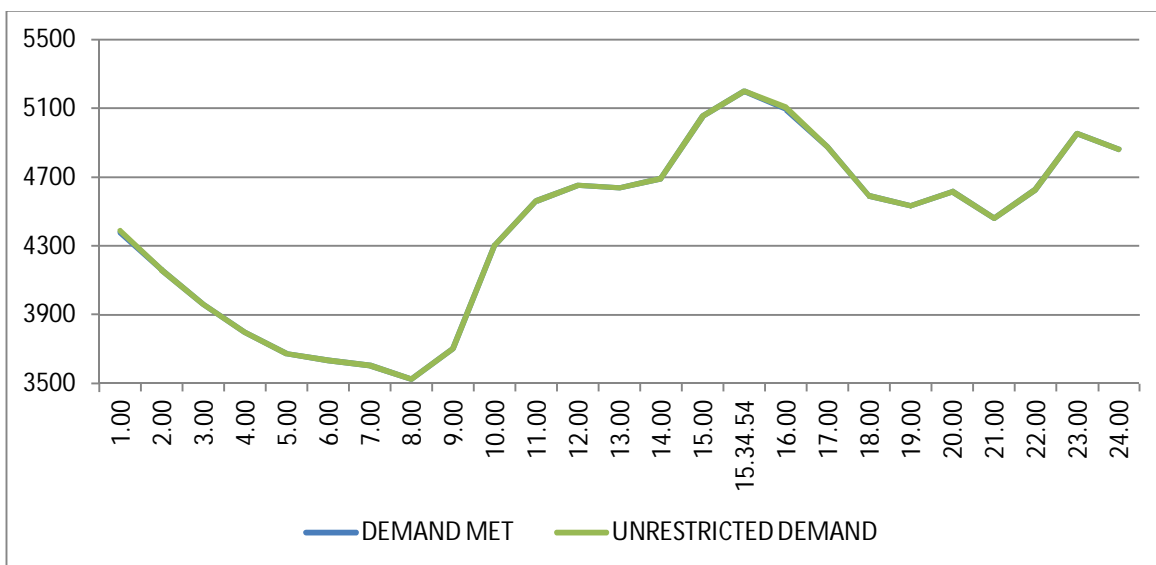
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	4379	9	4388
2.00	4159	0	4159
3.00	3961	0	3961
4.00	3796	0	3796
5.00	3672	0	3672
6.00	3632	0	3632
7.00	3604	0	3604
8.00	3525	0	3525
9.00	3702	0	3702
10.00	4305	0	4305
11.00	4561	0	4561
12.00	4650	0	4650
13.00	4637	0	4637
14.00	4690	0	4690
15.00	5055	0	5055
15.34.54	5200	0	5200
16.00	5094	9	5103
17.00	4875	0	4875
18.00	4590	0	4590
19.00	4533	0	4533
20.00	4615	0	4615
21.00	4460	0	4460
22.00	4625	0	4625
23.00	4953	0	4953
24.00	4862	0	4862
Total (IN MUS)	105.65	0.044	105.694



**12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED
DURING APRIL 2018 – 27.04.2018 – 105.680Mus All figures in MW**

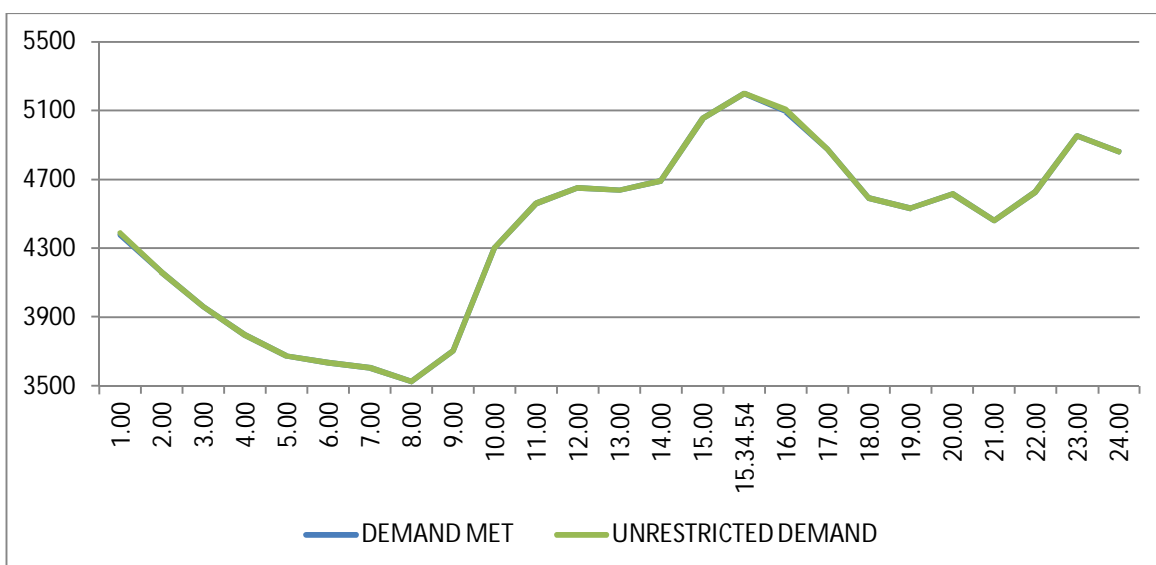
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	4379	9	4388
2.00	4159	0	4159
3.00	3961	0	3961
4.00	3796	0	3796
5.00	3672	0	3672
6.00	3632	0	3632
7.00	3604	0	3604
8.00	3525	0	3525
9.00	3702	0	3702
10.00	4305	0	4305
11.00	4561	0	4561
12.00	4650	0	4650
13.00	4637	0	4637
14.00	4690	0	4690
15.00	5055	0	5055
15.34.54	5200	0	5200
16.00	5094	9	5103
17.00	4875	0	4875
18.00	4590	0	4590
19.00	4533	0	4533
20.00	4615	0	4615
21.00	4460	0	4460
22.00	4625	0	4625
23.00	4953	0	4953
24.00	4862	0	4862
Total (IN MUS)	105.65	0.044	105.694



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING APRIL 2018 – 27.04.2018 – 105.724 Mus

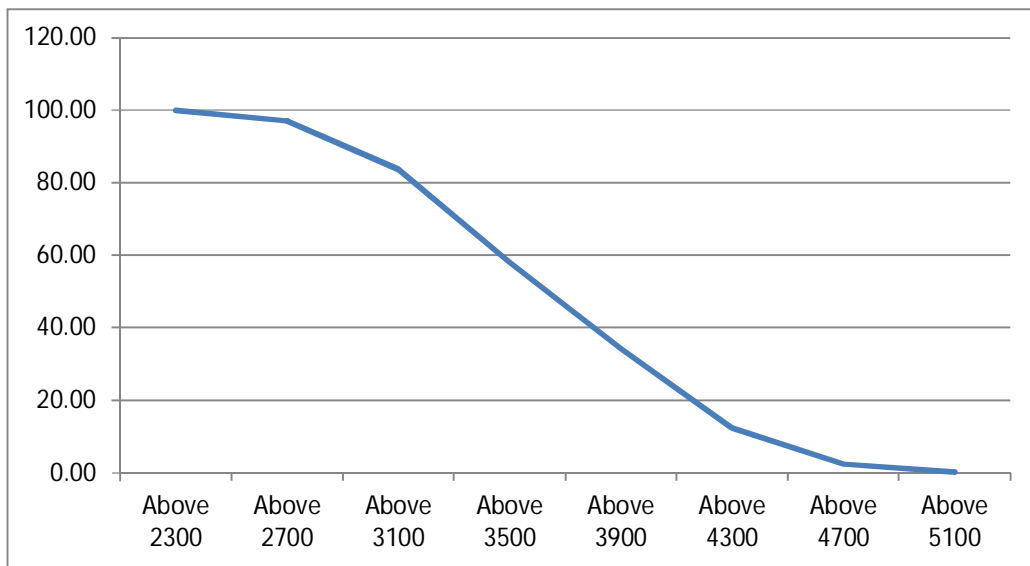
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	4379	9	4388
2.00	4159	0	4159
3.00	3961	0	3961
4.00	3796	0	3796
5.00	3672	0	3672
6.00	3632	0	3632
7.00	3604	0	3604
8.00	3525	0	3525
9.00	3702	0	3702
10.00	4305	0	4305
11.00	4561	0	4561
12.00	4650	0	4650
13.00	4637	0	4637
14.00	4690	0	4690
15.00	5055	0	5055
15.34.54	5200	0	5200
16.00	5094	9	5103
17.00	4875	0	4875
18.00	4590	0	4590
19.00	4533	0	4533
20.00	4615	0	4615
21.00	4460	0	4460
22.00	4625	0	4625
23.00	4953	0	4953
24.00	4862	0	4862
Total (IN MUS)	105.680	0.044	105.724



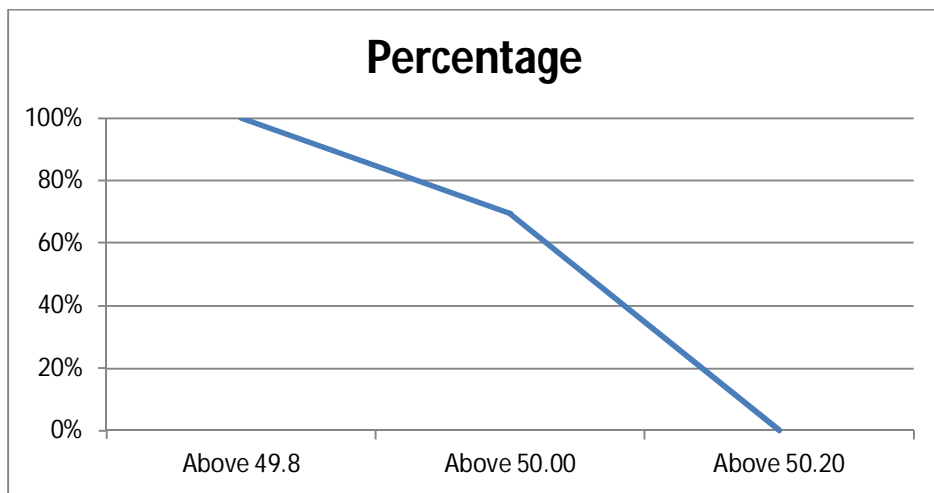
14 LOAD DURATION CURVE FOR APRIL 2018

Load in MW	Percentage of Time
Above 2300	100.00
Above 2700	97.05
Above 3100	83.75
Above 3500	58.09
Above 3900	34.17
Above 4300	12.50
Above 4700	2.50
Above 5100	0.24



FREQUENCY ANALYSIS FOR THE MONTH OF APRIL 2018

Frequency Range in Hz.	Percentage of time
Above 49.8	100.00
Above 50.0	71.25
Above 50.2	0.00



16 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING APRIL 2018

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.Apr.18	233.69	224.01	236.91	229.17
02.Apr.18	236.01	222.85	236.65	226.08
03.Apr.18	232.53	219.76	234.98	224.27
04.Apr.18	232.14	220.27	234.59	224.14
05.Apr.18	233.43	220.15	234.59	224.4
06.Apr.18	233.04	220.92	238.2	224.79
07.Apr.18	233.69	221.56	238.59	226.59
08.Apr.18	231.49	221.69	237.81	228.27
09.Apr.18	237.04	221.44	239.62	227.5
10.Apr.18	233.04	222.34	235.62	225.69
11.Apr.18	235.62	--	238.2	229.95
12.Apr.18	236.40	223.11	241.81	228.92
13.Apr.18	236.27	222.34	236.27	225.69
14.Apr.18	236.01	222.85	237.81	226.85
15.Apr.18	237.04	222.98	238.59	225.56
16.Apr.18	237.17	223.11	236.01	225.43
17.Apr.18	235.75	222.08	235.11	223.76
18.Apr.18	234.98	222.08	235.36	221.69
19.Apr.18	233.30	223.63	234.98	225.69
20.Apr.18	235.88	222.85	235.75	226.85
21.Apr.18	232.40	217.18	236.4	224.66
22.Apr.18	233.95	213.44	237.81	225.69
23.Apr.18	233.43	221.82	236.27	227.24
24.Apr.18	232.14	221.44	237.3	226.59
25.Apr.18	230.85	221.05	237.69	--
26.Apr.18	232.78	222.34	236.4	224.01
27.Apr.18	231.75	220.27	235.23	222.85
28.Apr.18	232.53	220.40	235.75	222.85
29.Apr.18	231.49	--	234.07	224.66
30.Apr.18	224.40	--	233.95	221.82

17 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING APRIL 2018

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Apr.18	414.57	04:01	401.91	19:14	409.91
02.Apr.18	414.34	04:00	397.92	19:03	407.39
03.Apr.18	412.70	07:44	394.41	19:00	404.82
04.Apr.18	413.17	07:59	394.41	19:09	404.03
05.Apr.18	412.46	07:04	394.88	18:56	403.86
06.Apr.18	416.68	17:50	396.28	11:35	407.40
07.Apr.18	413.87	03:58	395.81	19:18	404.75
08.Apr.18	413.63	03:53	396.28	18:58	407.28
09.Apr.18	416.68	08:22	396.75	19:14	406.74
10.Apr.18	412.23	07:07	395.58	17:30	404.05
11.Apr.18	416.21	03:39	399.57	19:35	409.19
12.Apr.18	419.50	04:02	397.22	19:14	407.36
13.Apr.18	415.04	07:41	396.05	19:15	406.64
14.Apr.18	416.92	07:03	394.41	19:13	406.39
15.Apr.18	417.15	07:04	393.70	19:16	407.69
16.Apr.18	415.51	07:03	393.94	19:14	403.82
17.Apr.18	413.40	05:19	389.25	19:17	402.74
18.Apr.18	414.34	06:51	389.95	19:16	403.14
19.Apr.18	410.82	06:01	392.76	19:24	401.61
20.Apr.18	412.46	07:06	394.41	00:53	403.28
21.Apr.18	413.63	08:03	390.19	19:18	403.44
22.Apr.18	415.51	13:05	393.23	19:24	406.90
23.Apr.18	415.51	06:48	394.64	19:14	405.19
24.Apr.18	414.81	06:49	393.70	19:22	403.68
25.Apr.18	413.63	05:06	394.64	19:09	403.95
26.Apr.18	411.52	05:22	395.81	22:38	402.75
27.Apr.18	411.29	07:00	393.70	00:22	401.95
28.Apr.18	413.40	06:46	391.59	15:52	399.81
29.Apr.18	413.40	06:02	394.64	00:17	403.93
30.Apr.18	412.46	04:06	390.42	23:19	402.34

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Apr.18	422.78	04:03	411.29	18:57	417.98
02.Apr.18	421.84	04:02	406.6	19:03	415.59
03.Apr.18	420.2	01:59	402.14	18:57	413.33
04.Apr.18	420.2	08:01	402.61	19:11	412.17
05.Apr.18	419.26	07:31	403.08	18:55	412.19
06.Apr.18	420.9	20:33	407.3	11:38	415.15
07.Apr.18	420.67	03:18	404.25	19:18	413.04
08.Apr.18	420.9	13:32	404.02	18:59	414.59
09.Apr.18	426.3	08:42	404.02	19:44	415.46
10.Apr.18	419.03	03:46	406.6	19:00	413.11
11.Apr.18	423.95	03:40	406.83	19:34	417.93
12.Apr.18	425.59	04:02	405.66	19:16	416.1
13.Apr.18	421.37	07:44	403.08	19:14	413.88
14.Apr.18	422.55	07:03	402.85	19:14	413.89
15.Apr.18	423.01	07:02	400.97	19:14	414.88
16.Apr.18	420.67	07:05	401.68	19:13	411.14
17.Apr.18	419.73	06:03	399.1	19:17	410.38
18.Apr.18	419.26	13:03	397.92	19:17	410.26
19.Apr.18	418.09	13:04	399.8	19:15	408.94
20.Apr.18	420.43	08:05	403.08	00:53	410.96
21.Apr.18	420.67	08:03	397.22	19:19	410.35
22.Apr.18	422.55	13:05	399.1	19:26	413.14
23.Apr.18	420.9	06:49	402.14	19:13	412.54
24.Apr.18	420.9	06:47	401.44	19:14	411.4
25.Apr.18	419.03	04:31	400.97	19:14	411.41
26.Apr.18	418.32	08:02	400.97	22:37	409.62
27.Apr.18	415.98	08:01	399.8	19:26	407.63
28.Apr.18	417.86	06:46	399.8	00:08	406.98
29.Apr.18	417.15	05:07	401.44	00:17	410.48
30.Apr.18	418.32	04:07	398.16	23:21	409.32

18 DETAILS OF LUMPED CAPACITORS AT NEAREST 220 KV SUBSTATION

S. No.	SUB-STATION	Name of Utility	INSTALLED CAPACITY			
			66KV	33kV	11kV	TOTAL
1	IP YARD	DTL		30.00		30.00
1	Kamla Market	BYPL			16.35	16.35
2	Minto Road	BYPL				0.00
3	GB Pant Hosp	BYPL			10.48	10.48
4	Delhi Gate	BYPL			16.30	16.30
5	Tilakmarg	NDMC			5.04	5.04
7	Cannaught Place	NDMC			10.08	10.08
8	Kilokri	BRPL		0.00	10.48	10.48
9	NDSE-II	BRPL				0.00
11	Nizamuddin	BRPL				0.00
12	Exhibition-I	BRPL				0.00
13	Exhibition-II	BRPL				0.00
14	Defence Colony	BRPL				0.00
15	IG Stadium	BYPL		10.08	5.45	15.53
16	Lajpat Nagar	BRPL				0.00
17	IP Estate	BYPL			10.90	10.90
18	D.D.U.Marg	BYPL			10.80	10.80
			0.00	40.08	95.88	135.96
2	Electric Lane					
1	Electric Lane	NDMC			5.04	5.04
2	Scindia House	NDMC			10.44	10.44
3	Mandi House	NDMC			10.80	10.80
4	Raisina Road	NDMC			10.08	10.08
5	Raja Bazar	NDMC			10.08	10.08
			0.00	0.00	46.44	46.44
3	RPH Station	IPGCL		20.00		20.00
1	Lahori Gate	BYPL			10.49	10.49
2	Jama Masjid	BYPL			10.48	10.48
4	Kamla Market	BYPL				0.00
5	Minto Road	BYPL			10.90	10.90
6	GB Pant Hosp	BYPL				0.00
7	IG Stadium	BYPL				0.00
			0.00	20.00	31.87	51.87
4	Parkstreet S/stn	DTL	20.00	20.00		40.00
1	Shastri Park	BYPL		0.00	5.45	5.45
2	Faiz Road	BYPL			18.05	18.05
3	Motia Khan	BYPL			16.30	16.30
4	Prasad Nagar	BYPL			16.25	16.25

S. No.	SUB-STATION	Name of Utility	INSTALLED CAPACITY			
			66KV	33kV	11kV	TOTAL
5	Anand Parbat	BYPL			10.80	10.80
6	Shankar Road	BYPL			10.44	10.44
7	Rama Road	TPDDL			0.00	0.00
8	Baird Road	NDMC			10.08	10.08
9	Hanuman Road	NDMC			10.08	10.08
10	Pusa	TPDDL			5.44	5.44
11	Ridge Valley	BRPL			0.00	0.00
12	B. D. Marg	NDMC			5.40	5.40
13	Nirman Bhawan	NDMC			5.04	5.04
			20.00	20.00	113.33	153.33
5	Naraina S/stn	DTL		20.00	5.04	25.04
1	DMS	BYPL			10.85	10.85
2	Mayapuri	BRPL		10.87	10.40	21.27
3	Inderpuri	TPDDL		13.26	5.04	18.30
4	Rewari line	TPDDL				0.00
5	Khyber Lane	MES		10.05		10.05
6	Kirbi Place	MES		10.05		10.05
7	Payal	TPDDL			10.08	10.08
8	A-21 Naraina	TPDDL			4.80	4.80
8	Saraswati Garden	TPDDL			10.08	10.08
			0.00	64.23	56.29	120.52
6	Mehrauli S/stn	DTL	80.00		5.04	85.04
1	Adchini	BRPL			14.61	14.61
2	Andheria Bagh	BRPL			10.85	10.85
3	IIT	BRPL			10.90	10.90
4	JNU	BRPL			10.03	10.03
5	Bijwasan	BRPL			15.47	15.47
6	DC Saket	BRPL		10.08	9.98	20.06
7	Malviya Nagar	BRPL				0.00
8	C Dot	BRPL			23.08	23.08
9	Vasant kunj B-Blk	BRPL	21.79		10.90	32.69
10	Vasant kunj C-Blk	BRPL	20.16		10.48	30.64
11	Palam	BRPL				0.00
12	IGNOU	BRPL			14.54	14.54
13	R. K. Puram-I	BRPL			10.07	10.07
14	Vasant Vihar	BRPL			19.25	19.25
15	Pusp Vihar	BRPL			10.44	10.44
16	Bhikaji Cama Place	BRPL		10.08	10.07	20.15
17	Fatehpuri	BRPL			14.40	14.40
			121.95	20.16	200.11	342.22

S. No.	SUB-STATION	Name of Utility	INSTALLED CAPACITY			
			66KV	33kV	11kV	TOTAL
7	Vasantkunj S/stn	DTL	40.00		5.04	45.04
1	R. K. Puram-II	BRPL			10.80	10.80
2	Vasant kunj C-Blk	BRPL				0.00
3	Vasant kunj D-Blk	BRPL			9.63	9.63
4	Ridge Valley	BRPL				0.00
			40.00	0.00	25.47	65.47
8	Okhla S/stn	DTL	60.00	10.00	5.04	75.04
1	Balaji	BRPL			10.80	10.80
2	East of Kailash	BRPL			15.89	15.89
3	Alaknanda	BRPL			16.30	16.30
4	Malviya Nagar	BRPL	21.79	20.16	10.85	52.80
5	Masjid Moth	BRPL			16.30	16.30
6	Nehru Place	BRPL			21.34	21.34
7	Okhla Ph-I	BRPL	21.79		16.30	38.09
8	Okhla Ph-II	BRPL		20.93	15.47	36.40
9	Shivalik	BRPL			10.80	10.80
10	Batra	BRPL			15.90	15.90
11	VSNL	BRPL			10.90	10.90
12	Siri Fort	BRPL			10.49	10.49
13	Tuglakabad	BRPL			18.05	18.05
			103.58	51.09	194.43	349.10
9	Lodhi Road S/stn	DTL			20.00	20.00
1	Defence Colony	BRPL			14.85	14.85
2	Hudco	BRPL			10.90	10.90
3	Lajpat Nagar	BRPL			10.90	10.90
4	Nizamuddin	BRPL			10.44	10.44
5	Vidyut Bhawan (Shahjahan Rd)	NDMC			10.80	10.80
6	Ex. Gr. II	BRPL			0.00	0.00
7	IHC	BRPL			0.00	0.00
			0.00	0.00	77.89	77.89
10	Sarita Vihar S/stn	DTL	20.00		5.04	25.04
1	Sarita Vihar	BRPL			10.07	10.07
2	MCIE	BRPL			17.26	17.26
3	Mathura Road	BRPL			11.69	11.69
4	Jamia Millia	BRPL			10.89	10.89
5	Sarai Julena	BRPL			16.29	16.29
6	Jasola	BRPL			5.44	5.44
7	Meethapur	BRPL			14.40	14.40
			20.00	0.00	91.08	111.08

S. No.	SUB-STATION	Name of Utility	INSTALLED CAPACITY			
			66KV	33kV	11kV	TOTAL
11	Wazirabad					
1	Bhagirathi	BYPL		14.40	18.10	32.50
2	Ghonda	BYPL	0.00	22.56	15.94	38.50
3	Seelam Pur	BYPL		10.08	21.39	31.47
4	Dwarkapuri	BYPL			22.66	22.66
5	Nandnagri	BYPL	20.01		16.35	36.36
6	Yamuna Vihar	BYPL			14.40	14.40
7	East of Loni Road	BYPL			18.00	18.00
8	Shastri Park	BYPL			10.90	10.90
9	Karawal Nagar	BYPL			5.40	5.40
10	Sonia Vihar	BYPL			14.70	14.70
			20.01	47.04	157.84	224.89
12	Geeta Colony					
1	Geeta Colony	BYPL			10.49	10.49
2	Kanti Nagar	BYPL			18.10	18.10
3	Kailash Nagar	BYPL			15.48	15.48
4	Seelam Pur	BYPL				0.00
5	Shakar Pur	BYPL			10.80	10.80
6	Krishna Nagar	BYPL			14.40	14.40
			0.00	0.00	69.27	69.27
13	Gazipur S/stn	DTL	40.00		5.04	45.04
1	Dallupura	BYPL	0.00		18.10	18.10
2	Vivek Vihar	BYPL			9.57	9.57
3	GT Road	BYPL			10.85	10.85
4	Kondli	BYPL	20.00		5.04	25.04
5	MVR-I	BYPL			10.90	10.90
6	MVR-II	BYPL	20.00		10.44	30.44
7	PPG Ind. Area	BYPL			10.06	10.06
8	New Kondli	BYPL			10.80	10.80
			80.00	0.00	90.80	170.80
14	Patparganj S/stn	DTL	40.00	20.00	5.04	65.04
1	GH-I	BYPL	19.89		15.85	35.74
2	GH-II	BYPL	20.09		18.10	38.19
3	CBD	BYPL		10.03	15.48	25.51
4	Guru Angad Nagar	BYPL			15.49	15.49
5	Karkadooma	BYPL		10.80	10.44	21.24
6	Preet Vihar	BYPL			10.08	10.08
7	CBD-II	BYPL			10.80	10.80
8	Shakarpur	BYPL				0.00

S. No.	SUB-STATION	Name of Utility	INSTALLED CAPACITY			
			66KV	33kV	11kV	TOTAL
9	Jhilmil	BYPL			10.80	10.80
10	Dilshad Garden	BYPL	20.16		15.48	35.64
11	Khichripur	BYPL	21.79		15.89	37.68
12	Mother Dairy	BYPL				0.00
13	Scope Building	BYPL				0.00
14	Vivek Vihar	BYPL			7.20	7.20
15	Akhardham	BYPL			14.60	14.60
			121.93	40.83	165.25	328.01
15	Najafgarh S/stn	DTL	60.00		5.04	65.04
1	A4 Paschim Vihar	BRPL			10.80	10.80
2	Nangloi	BRPL	21.73		15.84	37.57
3	Nangloi W/W	BRPL	20.89		10.85	31.74
4	Pankha Road	BRPL			15.88	15.88
5	Jaffarpur	BRPL			26.23	26.23
7	Inst. Area Janakpuri (Sagarpur)	BRPL			17.60	17.60
8	Paschimpuri	BRPL		10.05	15.47	25.52
9	Paschim Vihar	BRPL	41.83		15.43	57.26
10	Mukherjee Park	BRPL			20.83	20.83
11	Udyog Nagar	BRPL			10.43	10.43
12	Choukhandi	BRPL			10.07	10.07
13	DJB Najafgarh	BRPL			21.60	21.60
			144.45	10.05	196.07	350.57
16	Pappankalan-I S/stn	DTL	20.00		5.04	25.04
1	Bindapur Grid G-3 PPK	BRPL	21.73		15.85	37.58
2	Bodella-I	BRPL	20.10		21.70	41.80
3	Bodella-II	BRPL	21.73		17.64	39.37
4	DC Janakpuri	BRPL			10.03	10.03
5	G-2 PPK (Nasirpur)	BRPL			16.20	16.20
6	G-5 PPK (Matiala)	BRPL			22.71	22.71
7	G-6 PPK	BRPL			12.60	12.60
8	G-7 PPK	BRPL			21.60	21.60
9	G-15 PPK	BRPL			10.80	10.80
10	Harinagar	BRPL			16.25	16.25
11	Rewari line	TPDDL			5.44	5.44
			83.56	0.00	175.86	259.42

S. No.	SUB-STATION	Name of Utility	INSTALLED CAPACITY			
			66KV	33kV	11kV	TOTAL
17	BBMB Rohtak Road					
1	S.B. Mill	BRPL			10.07	10.07
2	Rama Road	TPDDL			10.88	10.88
3	Ram Pura	TPDDL			10.48	10.48
4	Rohtak Road	TPDDL			10.08	10.08
5	Vishal	BRPL			10.40	10.40
6	Madipur	BRPL			10.43	10.43
7	Sudershan Park	TPDDL			10.08	10.08
8	Kirti Nagar	TPDDL			7.20	7.20
			0.00	0.00	79.62	79.62
18	Shalimarbagh S/stn	DTL		40.00	6.00	46.00
1	S.G.T. Nagar	TPDDL			7.20	7.20
2	Ashok Vihar	TPDDL			0.00	0.00
3	Haiderpur	TPDDL			11.39	11.39
4	SMB FC	TPDDL			12.64	12.64
5	Rani Bagh	TPDDL			14.40	14.40
6	SMB KHOSLA	TPDDL			7.20	7.20
			0.00	40.00	58.83	98.83
19	Subzimandi S/stn	DTL			6.00	6.00
1	Shakti Nagar	TPDDL			5.04	5.04
2	Gulabibagh	TPDDL			10.88	10.88
3	Shahzadabagh	TPDDL			15.79	15.79
4	DU	TPDDL			7.20	7.20
5	Tripolia	TPDDL			10.88	10.88
6	B. G. Road	BYPL			5.40	5.40
			0.00	0.00	61.19	61.19
20	Narela S/stn	DTL	40.00		5.04	45.04
1	A-7 Narela	TPDDL			10.88	10.88
2	Azad Pur	TPDDL			22.80	22.80
3	Badli	TPDDL	20.00		5.95	25.95
4	DSIDC Narela-1	TPDDL			5.95	5.95
5	GTK	TPDDL			8.44	8.44
6	Jahangirpuri	TPDDL	20.00	10.00	0.00	30.00
7	Bhalswa	TPDDL			12.64	12.64
8	Pitampura-I	TPDDL	20.00		12.24	32.24
9	RG-1	TPDDL			7.20	7.20
			100.00	10.00	91.14	201.14

S. No.	SUB-STATION	Name of Utility	INSTALLED CAPACITY			
			66KV	33kV	11kV	TOTAL
21	Gopalpur S/stn	DTL		30.00	5.04	35.04
1	Hudson Lane	TPDDL			5.95	5.95
2	Wazirabad	TPDDL			7.20	7.20
3	Indra Vihar	TPDDL			5.04	5.04
4	DIFR	TPDDL				0.00
5	GTK Road	TPDDL			8.44	8.44
6	Jahangirpuri	TPDDL	20.00	20.00	7.20	47.20
7	Civil lines	TPDDL			7.20	7.20
8	Pitam Pura-3	TPDDL			7.20	7.20
9	SGT Nagar	TPDDL			13.15	13.15
10	Tiggipur	TPDDL			10.88	10.88
11	Model Town	TPDDL			14.40	14.40
12	Azad Pur	TPDDL			22.80	22.80
13	Dheerpur	TPDDL			14.40	14.40
			20.00	50.00	128.90	198.90
22	Rohini S/stn	DTL	40.00		6.00	46.00
1	Rohini Sec-22	TPDDL			18.08	18.08
2	Rohini Sec-24	TPDDL			7.20	7.20
3	Rohini-3	TPDDL			5.95	5.95
4	Rohini-4	TPDDL			11.39	11.39
5	Rohini-5	TPDDL			11.39	11.39
6	Rohini-6	TPDDL			0.00	0.00
7	Mangolpuri-2	TPDDL	20.00		7.20	27.20
8	Pitam Pura-1	TPDDL			0.00	0.00
9	Pitam Pura-2	TPDDL			10.48	10.48
10	Rohini DC-1	TPDDL			14.40	14.40
11	AIR Kham pur	TPDDL			11.90	11.90
			60.00	0.00	103.99	163.99
23	Kanjhawala S/stn	DTL	20.00		5.04	25.04
1	Bawana Clear Water	TPDDL			14.30	14.30
2	Pooth Khoord	TPDDL	20.00		7.20	27.20
4	Rohini -2	TPDDL			13.15	13.15
			40.00	0.00	39.69	79.69
24	BAWANA S/stn					
1	Bawana S/stn No. 6	TPDDL			10.88	10.88
2	Bawana S/stn No. 7	TPDDL			7.20	7.20
			0.00	0.00	18.08	18.08

S. No.	SUB-STATION	Name of Utility	INSTALLED CAPACITY			
			66KV	33kV	11kV	TOTAL
25	Kashmeregata S/stn	DTL			5.04	5.04
1	Civil lines	TPDDL			7.20	7.20
2	Town Hall	BYPL			8.64	8.64
3	Fountain	BYPL			5.45	5.45
			0.00	0.00	26.33	26.33
26	Pappankalan-II					
1	DMRC	BRPL				0.00
2	HASTAL	BRPL			21.60	21.60
3	GGSH	BRPL			10.80	10.80
4	66kV G-4	BRPL			21.60	21.60
			0.00	0.00	54.00	54.00
27	Trauma Center (AIIMS)					
1	AIIMS	NDMC		13.26	5.04	18.30
2	Trauma Center	NDMC			10.08	10.08
3	Netaji Nagar	NDMC			15.12	15.12
4	Sanjay Camp	NDMC			10.08	10.08
5	Kidwai Nagar	NDMC			10.08	10.08
6	SJ Airport	NDMC			5.04	5.04
7	Race Course	NDMC			10.44	10.44
			0.00	13.26	65.88	79.14
28	MUNDKA					
1	Mangolpuri-I	TPDDL			19.10	19.10
2	Rohini Sec-23	TPDDL	20.00		14.20	34.20
3	66kV Mundka	BRPL			21.60	21.60
			20.00	0.00	54.90	74.90
29	DSIDC BAWANA					
1	DSIDC NRL-1	TPDDL	0.00			0.00
2	DSIDC NRL-2	TPDDL			21.60	21.60
3	Bawana Clear Water	TPDDL			21.60	21.60
4	Bawana-1	TPDDL			14.40	14.40
			0.00	0.00	57.60	57.60
30	RIDGE VALLEY					
1	Keventry Diary	NDMC			10.08	10.08
2	Nehru Park	NDMC			5.04	5.04
3	State Guest House	NDMC			5.40	5.40
4	Bapu Dham	NDMC			15.48	15.48
5	66kV Vasant Kunj Inst. Area	BRPL			21.60	21.60
			0.00	0.00	57.60	57.60

S. No.	SUB-STATION	Name of Utility	INSTALLED CAPACITY			
			66KV	33kV	11kV	TOTAL
31	IP EXTN (PRAGATI)					
1	Vidyut Bhawan	NDMC			10.08	10.08
2	Dalhousie Road	NDMC			5.04	5.04
3	National Archives	NDMC			10.08	10.08
4	School Lane	NDMC			10.44	10.44
			0.00	0.00	35.64	35.64
32	Wazirpur					
1	Tri Nagar	TPDDL			14.80	14.80
2	Wazirpur-1	TPDDL			18.80	18.80
3	Wazirpur-2	TPDDL			13.20	13.20
4	Ashok vihar	TPDDL			20.47	20.47
5	Azad Pur	TPDDL			22.80	22.80
6	GTK	TPDDL			8.44	8.44
			0.00	0.00	98.51	98.51
33	Peeragarhi					
1	Rani Bagh	TPDDL			0.00	0.00
2	Rani Bagh cc	TPDDL			9.60	9.60
			0.00	0.00	9.60	9.60
34	Rohini-II					
1	Rohini-6	TPDDL			13.15	13.15
2	Siraspur	TPDDL			14.80	14.80
			0.00	0.00	27.95	27.95

ALL FIGURES IN MVAR

Utility	HT	LT	Total
BYPL	903.49	102.00	1005.49
BRPL	1257.93	242.00	1499.93
TPDDL*	969.12	119.00	1088.12
NDMC	259.86	24.00	283.86
DTL	753.52	0.00	753.52
IPGCL (RPH)	20.00	0.00	20.00
MES	20.10	0.00	20.10
TOTAL	4184.02	487.00	4671.02

20 DETAILS OF BREAK-DOWNS DURING THE MONTH OF APRIL 2018

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	1.4.18	09:45	220KV KANJHAWALA-NAJAFGARH CKT	1.4.18	16:04	AT KHANJAWALA : REPLACEMENT OF DAMAGED CONDUCTOR.
2	2.4.18	13:05	220KV MEHRAULI - BTPS CKT. - I	2.4.18	14:20	AT MEHRAULI : DIST PROT, ZONE-I, DIST 9.469KM AT BTPS : DIST PROT, ZONE-I, DIST 13.3KM.
3	3.4.18	12:56	220KV KANJHAWALA-NAJAFGARH CKT	3.4.18	13:40	AT KHANJAWALA : DIST PROT, ZONE-I, B PHASE.
4	3.4.18	14:38	220KV BAMNAULI - DIAL CKT-I	3.4.18	16:17	AT DIAL : DIST PROT, ZONE-I, R PHASE, MAIN-II, DIST 8.9KM. AT BAMNAULI : DIST PROT, ZONE-I, DIST 6.189KM.
5	3.4.18	14:42	220KV PAPPANKALAN-I-NARAINA CKT-I	3.4.18	15:12	AT NARAINA : 186A&B, AUTO RE-CLOSE, A PHASE, LINE DIFFERENTIAL. AT PAPPANKALAN-I : CKT. DID NOT TRIP.
6	4.4.18	13:13	220KV NARELA - MANDOLA CKT-I	4.4.18	13:46	AT NARELA : DIST PROT, DIST 2.093KM, R PHASE.
7	4.4.18	14:20	220KV GOPALPUR- MANDOLACKT-I	4.4.18	15:10	AT GOPALPUR : R PHASE, DIFFERENTIAL OPERATION, RYB PHASE, 86. AT MANDOLA : DIST PROT, ZONE-I, DIST 18.7KM.
8	5.4.18	16:18	220KV PRAGATI - PARK STREET CKT-II	5.4.18	16:44	AT PRAGATI : CKT. TRIPPED WITHOUT INDICATION WHILE INSTALLATION OF LINE DIFFERENTIAL RELAY.
9	5.4.18	16:55	NARAINA 220/33kV 100MVA Tx-III	5.4.18	18:05	TRIPPED ON DIFFERENTIAL, 86A & 86B.
10	6.4.18	05:24	KASHMIRI GATE 33/11kV, 20MVA Tx	6.4.18	05:57	AT KASHMIRI GATE: TRIPPED ON DIFFERENTIAL RYB PHASE
11	6.4.18	05:24	KASHMIRI GATE 33/11kV, 20MVA Tx	18.4.18	23:53	AT KASHMIRI GATE: TRIPPED ON DIFFERENTIAL RYB PHASE
12	6.4.18	16:15	VASANT KUNJ 220/66kV 160MVA Tx-I	6.4.18	17:10	TRIPPED ON SUPERVISION RELAY.
13	6.4.18	17:20	NAJAFGARH 66/11kV, 20MVA Tx-I	6.4.18	17:25	I/C TRIPPED WITHOUT INDICATION.
14	6.4.18	17:26	220KV PAPPANKALAN-I-NARAINA CKT-I	6.4.18	23:07	AT NARAINA : DIST PROT, ABC, 186A. AT PPK-I : R PHASE CONDUCTOR SNAPPED.
15	6.4.18	17:27	220KV BAMNAULI-PAPPANKALAN-I CKT-I	6.4.18	18:41	R PHASE DIFFERENTIAL TRIP, 86ABC.
16	6.4.18	17:34	NARAINA 220/33kV 100MVA Tx-III	6.4.18	21:48	TR. TRIPPED ON 86B, I/C TRIPPED ON 86.
17	6.4.18	20:20	SARITA VIHAR 66/11kV, 20MVA Tx-II	6.4.18	23:10	86
18	6.4.18	20:55	NAJAFGARH 66/11kV, 20MVA Tx-II	6.4.18	22:30	86
19	6.4.18	21:12	SHALIMAR BAGH 33/11kV, 16MVA Tx-I	6.4.18	22:57	BUCHLLOZ, 86.
20	8.4.18	10:46	220KV MEHRAULI - BTPS CKT. - II	8.4.18	19:54	AT MEHRAULI : DIST PROT, DIST 12.2KM. AT BTPS : DIST PROT, ZONE-I, DIST 6.3KM.
21	9.4.18	08:36	NARELA 220/66kV 100MVA Tx-I	9.4.18	11:07	BUCHHLOZ RELAY 186.
22	9.4.18	13:13	220KV BAWANA-SHALIMARBAGH CKT-II	9.4.18	19:24	AT BAWANA : DIFFERENTIAL PROT, O/C, R PHASE TRIP., AT SHALIMAR BAGH : LINE DIFFERENTIAL R PHASAE, 186A&B.
23	11.4.18	10:36	220KV MAHARANI BAGH - SARITA VIHAR CKT	11.4.18	11:25	AT MAHARANI BAGH : DIST PROT, DIST 11.29KM, ZONE-II AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 1.2KM.
24	11.4.18	10:36	220KV MAHARANI BAGH - LODHI ROAD CKT-II	11.4.18	16:51	AT MAHARANI BAGH : DIST PROT, ZONE-I, DIST 0.7KM AT LODHI ROAD : A&B PHASE, 86.
25	12.4.18	05:02	NARAINA 33/11kV, 16MVA Tx-I	12.4.18	05:14	I/C TRIPPED ON 86, O/C.
26	12.4.18	09:08	NARAINA 220/33kV 100MVA Tx-II	12.4.18	12:41	O/C, E/F, 86.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
27	12.4.18	11:56	220kV MAHARANI BAGH - PRAGATI CKT	12.4.18	13:58	AT PRAGATI : DIST PROT ZONE-I, R PHASE, DIST 7.047KM. AT MAHARANI BAGH : DIST PROT, DIST 3.8KM.
28	13.4.18	11:35	220kV MEHRAULI - BTPS CKT. - II	13.4.18	19:05	AT BTPS : DIST PROT, ZONE-I, DIST 4.3KM. AT MEHRAULI : CKT DID NOT TRIPPED.
29	15.4.18	08:20	RAJGHAT 220/33kV 100MVA Tx-2	15.4.18	11:09	TRIPPED WITHOUT INDICATION
30	16.4.18	12:37	MUNDKA 400/220kV 315MVA ICT-II	16.4.18	13:25	TR. TRIPPED ON 86, I/C TRIPPED ON 86.
31	16.4.18	12:37	220kV MUNDKA-NAJAFGARH CKT	16.4.18	13:48	AT MUNDKA : DIST PROT, ZONE-III, DIST 12.47KM. AT NAJAFGARH : CKT. DID NOT TRIPPED.
32	16.4.18	12:38	220KV PEERAGARHI-WAZIRPUR CKT-I	16.4.18	12:44	AT PEERAGARHI : 86, R PHASE O/C.
33	17.4.18	02:15	OKHLA 220/33kV 100MVA Tx-IV	17.4.18	13:15	TR. TRIPPED ON REF LV SIDE, I/C TRIPPED ON E/F, 86.
34	17.4.18	02:15	OKHLA 220/33kV 100MVA Tx-III	17.4.18	02:35	I/C TRIPPED ON E/F, 86.
35	17.4.18	11:00	OKHLA 33kV ALAKNANDA CKT-II	17.4.18	14:15	SPARKING AND FLASH ON R&Y PHASE CB JUMPERS.
36	18.4.18	01:28	220kV BAMNAULI-NAJAFGARH CKT-I	21.4.18	15:26	AT BAMNAULI : DIST PROT, ZONE-I, DIST 8.113KM. AT NAJAFGARH : R PHASE CONDUCTOR BROKEN ON 66KV BUS BAR.
37	18.4.18	07:26	220kV BAMNAULI-NAJAFGARH CKT-II	18.4.18	07:45	AT NAJAFGARH : SUPPLY FAIL
38	18.4.18	08:08	SARITA VIHAR 220/66kV 100MVA Tx-I	18.4.18	08:30	51AX, O/C, Y PHASE, BUS ISOLATOR FLASH.
39	18.4.18	08:08	SARITA VIHAR 220/66kV 100MVA Tx-II	18.4.18	08:30	51AX, O/C, E/F, 86.
40	18.4.18	13:35	220kV MEHRAULI - BTPS CKT. - II	18.4.18	16:57	AT MEHRAULI : DIST PROT, ZONE-I, DIST 13.27KM. AT BTPS : DIST PROT, ZONE-I, DIST 8.1KM
41	18.4.18	13:40	220kV MAHARANI BAGH - SARITA VIHAR CKT	18.4.18	15:36	AT SARITA VIHAR : DIST PROT, DIST 3.402KM, 186A&B AT MAHARANI BAGH : DIST PROT, ZONE-I, DIST 6.8KM.
42	19.4.18	14:03	220kV BAWANA-DSIIDC BAWANA CKT-I	19.4.18	16:47	AT DSIDC BAWANA : DIST PROT, AT BAWANA : DIST PROT, ZONE-I, DIST 2.5KM.
43	20.4.18	10:53	220kV BAMNAULI - DIAL CKT-I	20.4.18	14:37	AT DIAL : DIST PROT, ZONE-I, R PHASE FAULTY AT BAMNAULI : DIST PROT, ZONE-I, DIST 11.07KM, 186, A PHASE.
44	20.4.18	11:40	220kV GOPALPUR- MANDOLACKT-II	20.4.18	12:50	AT GOPALPUR : DIST PROT, B PHASE. AT MANDOLA : DIST PROT, ZONE-I, DIST 12.6KM.
45	21.4.18	15:02	400kV Dadri-Harsh Vihar Ckt-I	21.4.18	18:08	AT HARSH VIHAR : CKT. DID NOT TRIP. AT DADRI : DUE TO ICT-5 CT BLAST.
46	21.4.18	15:02	400kV Dadri-Harsh Vihar Ckt-I	21.4.18	18:08	AT HARSH VIHAR : CKT. DID NOT TRIP. AT DADRI : DUE TO ICT-5 CT BLAST.
47	24.4.18	14:35	220kV MEHRAULI - BTPS CKT. - I	24.4.18	16:18	AT BTPS : DIST PROT, ZONE-I, DIST 14KM, AT MEHRAULI : DIST PROT, ZONE-I, DIST 8.772KM.
48	24.4.18	16:20	PAPPANKALAN-II 220/66kV 160MVA Tx-III	24.4.18	16:28	TRIPPED WITHOUT INDICATION.
49	25.4.18	12:27	220kV BAMNAULI - DIAL CKT-II	25.4.18	14:30	AT DIAL : DIFFERENTIAL, B PHASE, MAIN -I. AT BAMNAULI : DIST PROT, ZONE-I, DIST 14.89KM.
50	25.4.18	13:33	220KV BAWANA-SHALIMARBAGH CKT-I	25.4.18	14:38	AT BAWANA : DIST PROT, MASTER TRIP, 86. AT SHALIMARBAGH : INTER-TRIPPING.
51	25.4.18	14:14	220kV OKHLA - BTPS CKT. - II	25.4.18	16:00	AT OKHLA : NO TRIPPING AT BTPS : DIST PROT, ZONE-I, DIST 5.1KM.
52	26.4.18	01:12	VASANT KUNJ 220/66kV 160MVA Tx-I	26.4.18	01:25	I/C TRIPPED ON WITHOUT INDICATION.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
53	26.4.18	01:48	VASANT KUNJ 220/66kV 160MVA Tx-I	Under breakd own		TRANSFORMER TRIPPED ON 295B, TROUBLE ALARM, OIL TEMP ALARM, 295CA, 295CC, 195CC, 195CB, TRANSFORMER BURNT DUE TO FIRE.
54	26.4.18	01:48	220kV BAWANA-DSIIDC BAWANA CKT-II	26.4.18	07:32	AT DSIDC BAWANA : DIST PROT, R PHASE, 86, 86. AT BAWANA : DIST PROT, ZONE-I, DIST 2.936KM.
55	26.4.18	02:10	VASANT KUNJ 220/66kV 100MVA Tx-II	26.4.18	10:45	TR. TRIPPED ON 295CA, 295CB, 295CC, 195CC, 86, 30D.
56	26.4.18	13:25	PAPPANKALAN-II 220/66kV 160MVA Tx-III	26.4.18	16:40	TR TRIPPED ON 86.
57	28.4.18	06:30	RAJGHAT 33kV JAMA MASJID CKT-2 (BAY-6)	28.4.18	06:48	33KV BUS-II TRIPPED DUE TO MONKEY JUMPER ON IT. ALL FEEDERS ON BUS-II AFFECTED.
58	28.4.18	06:30	RAJGHAT 33kV MOTIA KHAN CKT (BAY-1)	28.4.18	06:48	33KV BUS-II TRIPPED DUE TO MONKEY JUMPER ON IT. ALL FEEDERS ON BUS-II AFFECTED.
59	28.4.18	06:30	RAJGHAT 33kV JAMA MASJID CKT-1 (BAY-5)	28.4.18	06:48	33KV BUS-II TRIPPED DUE TO MONKEY JUMPER ON IT. ALL FEEDERS ON BUS-II AFFECTED.
60	28.4.18	06:30	RAJGHAT 33kV LAHORI GATE CKT (BAY-2)	28.4.18	06:48	33KV BUS-II TRIPPED DUE TO MONKEY JUMPER ON IT. ALL FEEDERS ON BUS-II AFFECTED.
61	28.4.18	11:45	NAJAFGARH 66/11kV, 20MVA Tx-I	28.4.18	11:50	86
62	29.4.18	12:38	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	29.4.18	12:54	O/C.
63	29.4.18	12:38	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	29.4.18	12:52	O/C.
64	29.4.18	12:59	220kV NARELA - MANDOLA CKT-II	29.4.18	17:00	AT NARELA :DIST PROT, DIST 5.391KM.
65	30.4.18	17:55	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	30.4.18	18:46	86
66	31.1.18	14:42	220kV MAHARANIBAGH-MASJID MOTH CKT-I	6.4.18	19:31	AT MASJID MOTH : DIST PROT, DIST 2.3KM.

20 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF APRIL 2018

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