

DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

MAY - 2019

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1 **SALIENT FEATURES OF DELHI POWER SYSTEM**

Sr. No.	Features	MAY. 2018	MAY 2019
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	0
	Rithala GT	108	0
	Bawana	1372	1372
	TOWMCL (Waste to Energy plant)	16	16
	EDWPCL (Waste to Energy plant)	10	10
	MSW BAWANA (Waste to Energy plant)	24	24
	Total	2970	2157
2	Maximum Unrestricted Demand (MW)	6452	6461
	Date	30.05.18	31.05.19
	Time	15.42.30	15.50.19
3	Peak Demand met (MW)	6442	6461
	Date	30.05.18	31.05.19
	Time	15.42.30	15.50.19
4	Peak Availability (MW)	6319	6400
5	Shortage (-) / Surplus (+) in MW	(-) 123	(-) 61
6	Percentage Shortage (-) / Surplus (+)	(-) 1.91	(-) 0.94
7	Maximum Energy Consume in a day (Mus)	131.593	130.589
8	Energy Consumed during the month	3415.160	3366.099
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	0.083	0.037
	BRPL	0.000	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	0.083	0.000
B)	Due to Constraints in System in Mus		
	DTL	1.740	0.409
	NDPL	0.171	0.097
	BRPL	1.615	0.640
	BYPL	0.129	0.047
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.003	0.000
	Total	3.658	1.193
11	Grand Total in Mus	3.741	1.230

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING MAY 2019

A) For the month of May 2019

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	RPH	0.000	0.124	-0.124	0.00	0.00
2.	GT	55.107	1.899	53.208	83.71	109.913
3.	PPCL	114.341	2.831	111.510	95.94	117.016
4.	BTPS	0.000	0.636	-0.636	0.00	0.00
5.	Rithala	0.000	0.000	0.000	0.00	0.00
6.	Bawana	327.806	10.960	316.846	84.53	529.444
7.	Towmcl	15.111	2.201	12.910	--	--
8.	EDWPCL	3.475	1.021	2.454	--	--
9.	DMSWL	11.764	2.057	9.707	--	--
	TOTAL	527.604	21.729	505.875	--	756.373

B) For the Year 2019-20 (Upto May 2019)

Power Station	Effective Capacity (MW)	Net Generation in MUs for May 2019	Availability (%) for May 2019	PLF (%) for May 2019	Cumulative Generation in MUs upto May 2019 for the year 2019-20	Cumulative Availability in % upto May 2019 for the year 2019-20	Cumulative PLF in % upto May 2019 for the year 2019-20
RPH	135	-0.124	0.00	0.00	-0.283	0.00	-0.30
GT	270	53.208	83.71	27.30	91.415	84.10	23.78
PPCL	330	111.510	95.94	46.81	220.977	94.57	47.12
BTPS	705	-0.636	0.00	0.00	-1.182	0.00	0.00
Rithala	108	0.000	0.00	0.00	0.00	0.00	0.00
Bawana	1372	316.846	84.53	32.12	607.908	79.10	31.03
Towmcl	16	12.910	--	126.94	25.687	--	--
EDWPCL	--	2.454	--	38.92	6.964	--	--
DMSWL	--	9.707	--	65.88	19.704	--	--
TOTAL	2936	505.875	--	--	971.19	--	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2019

(A) 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	NIL				

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	NIL				

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	12.04.19	02.25	12.04.19	04.40	Machine tripped due to fault occurred in high vibration pick up.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	30	Nil				

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	30	27.05.19	11.08	27.05.19	12.54	Tripped due to Electrical trouble

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
6	30	30.04.19	01.18	30.04.19	02.05	Machine tripped due to malfunctioning of IP pack
		02.05.19	16.08	02.05.19	17.37	Tripped due to failue of communication I/O pack.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -1	30	09.04.19	08.00	28.05.19	20.32	Major overhauling.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -2	30	11.05.19	17.55	11.05.19	20.05	Unit tripped due to Class A channel I&2 trip.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -3	30	05.04.19	01.15	05.04.19	02.15	Machine tripped on durm level very high.
		02.05.19	23.45	03.05.19	05.15	Tripped due to faulty relay.

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	01.04.19	00.00	05.04.19	08.04	Stopped due to low demand and high frequency
		24.04.19	00.00	25.04.19	00.14	
		25.04.19	00.47	01.05.19	16.54	Not scheduled due to available in Open cycle.
		03.05.19	04.15	10.05.19	13.52	Stopped due to low demand and high frequency
		17.05.19	22.30	29.05.19	12.32	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	104	05.04.19	17.03	22.04.19	21.19	Stopped due to low demand and high frequency
		10.05.19	15.56	10.05.19	17.00	GT-2 swapped with GT-1
		10.05.19	17.00	10.05.19	18.00	DC reduced for un wrapping inlet air filters.
		10.05.19	18.00	20.05.19	14.39	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	122	01.04.19	00.00	01.04.19	08.15	Unit stopped for MI
		14.04.19	16.50	15.04.19	04.45	Attending governing system.
		03.05.19	01.34	03.05.19	04.02	Internal fault
		17.05.19	22.30	20.05.19	17.57	Stopped due to low demand and high frequency

(D) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	01.05.19	10.00	02.05.19	18.00	Transformer testing by PGCIL

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	01.05.19	00.00	01.05.19	12.00	Transformer testing by PGCIL
		15.05.19	07.42	18.05.19	12.00	Dislodging of R phase CT of excitation transformer from its base plate and filling on transformer enclosure was cause of tripping.

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	216	29.04.19	20.18	29.04.19	21.37	Malfunctioning of compressor bleed valve brought machine on FSNL.
		02.05.19	12.16	02.05.19	12.54	Machine came on FSNL itself due to problem in excitation.
		27.05.19	11.58	27.05.19	13.41	Gas leakage

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	216	01.04.19	00.00	04.04.19	13.00	Unit kept out due to leakage of pressure.
		04.04.19	13.00	08.04.19	20.00	

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-2	254	01.04.19	00.00	04.04.19	13.00	Replacement of R phase bushing of STGT Transformer.
		15.05.19	07.44	15.05.19	13.21	Unit tripped on instantaneous high set element of stand by E/F protection of generator transformer
		27.05.19	11.58	27.05.19	14.00	Gas leakage.

4 ALLOCATION OF POWER TO DELHI

A) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 25.02.2019

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	2	3	4	5	6	7	(8)=(5)+(7)
NTPC STATIONS							
Singrauli STPS	2000	300	150	134	0	0	134
Rihand-I	1000	150	100	89	0	0	89
Rihand Stage -II	1000	150	126	115	0	0	115
Rihand Stage -III	1000	150	132	120	0	0	120
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	68	0	0	68
Dadri GPS	829.78	129	91	86	0	0	86
Dadri NCTPS (Th)	840	0	756	668	0	0	668
Dadri NCTPS (Th) Stage-II	980	147	728	665	0	0	665
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
Unchahaar-IV TPS	500	75	0	0	0	0	0
TOTAL	10282	1377	2298	2073	0	0	2073
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	77	0	0	77
Tanakpur HEP	94	0	12	12	0	0	12
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	51	0	0	51
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
Singrauli small hydro	8	0	1.53	1	0	0	1
TOTAL	4073	272	480	458	0	0	458
NPC							
Narora APS	440	64	47	40	0	0	40
RAPP (C)	440	64	56	49	0	0	49
TOTAL	880	128	103	88	0	0	88
SJVNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	63	60	0	0	60
Koteshwar HEP	400	40	39	38	0	0	38
TOTAL	1400	139	102	98	0	0	98
Total	18135	2065	3126	2852	0	0	2852
Allocation from ER and Tala HEP							
Farakka	1600	0	22	20	0	0	20
Kahalgaon	840	0	51	45	0	0	45
Tala HEP	1020	153	30	29	0	0	29
Kahalgaon-II	1500	0	157	139	0	0	139
Total ER	4960	153	261	232	0	0	232
Joint Venture							
Jhajjar TPS	1500	114	693	634	0	0	634
Ultra Mega Projects							
Sasan	3960	0	446	404	0	0	404
Grand Total	28555	2332	4525	4122	0	0	4122

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 MAY 2019

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	Bawana	Tow mcl	East Delhi	DMS WL	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(7)	(8)				(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	23.20.13	0	78	258	432	18	9	16	0	811	4822	4793	29	5633	0	5633
2	15.11.57	0	77	259	430	17	9	14	0	806	5002	4922	80	5808	0	5808
3	15.29.38	0	77	143	446	18	4	16	0	704	4673	4726	-53	5377	0	5377
4	00.00.08	0	39	151	425	19	2	6	0	642	4194	4011	183	4836	0	4836
5	23.36.38	0	39	149	430	19	10	-2	0	645	4349	4284	65	4994	0	4994
6	15.30.19	0	70	139	431	16	-2	0	0	654	4618	4628	-10	5272	0	5272
7	15.30.56	0	70	138	430	16	8	16	0	678	4833	4842	-9	5511	0	5511
8	15.40.04	0	96	139	433	15	8	15	0	706	4974	4956	18	5680	0	5680
9	23.30.10	0	104	137	502	18	4	16	0	781	5048	4933	115	5829	0	5829
10	15.09.45	0	101	224	550	16	6	15	0	912	5073	4921	152	5985	0	5985
11	23.27.29	0	106	143	508	19	2	17	0	795	4727	4614	113	5522	0	5522
12	00.02.00	0	107	143	529	19	1	18	0	817	4633	4443	190	5450	0	5450
13	15.11.31	0	72	138	568	17	-2	16	0	809	4756	4757	-1	5565	0	5565
14	23.06.26	0	75	139	444	18	5	18	0	699	4543	4625	-82	5242	0	5242
15	00.00.00	0	75	144	430	18	0	19	0	686	4486	4298	188	5172	0	5172
16	23.25.51	0	35	146	233	18	-1	16	0	447	4524	4488	36	4971	0	4971
17	14.49.22	0	35	135	230	18	-1	17	0	434	4499	4580	-81	4933	0	4933
18	23.28.33	0	35	0	241	18	0	18	0	312	3965	4124	-159	4277	0	4277
19	23.30.00	0	35	0	432	13	-1	17	0	496	4107	4026	81	4603	0	4603
20	23.19.26	0	74	150	437	11	0	15	0	687	4550	4461	89	5237	0	5237
21	23.21.45	0	74	143	465	12	2	20	0	716	4794	4710	84	5510	18	5528
22	23.18.00	0	74	145	507	17	-2	16	0	757	4818	4828	-10	5575	10	5585
23	15.37.21	0	71	136	527	18	3	19	0	774	4963	4858	105	5737	0	5737
24	23.21.54	0	76	153	428	18	-1	16	0	690	4404	4352	52	5094	0	5094
25	23.46.50	0	75	144	487	0	0	16	0	722	4385	4226	159	5107	0	5107
26	23.45.06	0	76	147	431	0	-1	17	0	670	4566	4282	284	5236	0	5236
27	15.46.49	0	73	141	442	19	5	16	0	696	4903	4717	186	5599	0	5599
28	23.24.03	0	61	147	586	15	7	12	0	828	4967	4944	23	5795	0	5795
29	23.24.52	0	69	261	560	14	6	-1	0	909	5111	5034	77	6020	20	6040
30	15.42.48	0	54	259	577	15	3	-1	0	907	5333	5187	146	6240	15	6255
31	15.50.19	0	84	264	535	15	4	6	0	908	5553	5492	61	6461	0	6461

POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING MAY 2019

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	Bawana	Towmd	East Delhi	DMS WL	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(7)	(8)				(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	23.20.13	0	78	258	432	18	9	16	0	811	4822	4793	29	5633	0	5633
2	15.11.57	0	77	259	430	17	9	14	0	806	5002	4922	80	5808	0	5808
3	15.29.38	0	77	143	446	18	4	16	0	704	4673	4726	-53	5377	0	5377
4	00.00.08	0	39	151	425	19	2	6	0	642	4194	4011	183	4836	0	4836
5	23.36.38	0	39	149	430	19	10	-2	0	645	4349	4284	65	4994	0	4994
6	15.30.19	0	70	139	431	16	-2	0	0	654	4618	4628	-10	5272	0	5272
7	15.30.56	0	70	138	430	16	8	16	0	678	4833	4842	-9	5511	0	5511
8	15.40.04	0	96	139	433	15	8	15	0	706	4974	4956	18	5680	0	5680
9	23.30.10	0	104	137	502	18	4	16	0	781	5048	4933	115	5829	0	5829
10	15.09.45	0	101	224	550	16	6	15	0	912	5073	4921	152	5985	0	5985
11	23.27.29	0	106	143	508	19	2	17	0	795	4727	4614	113	5522	0	5522
12	00.02.00	0	107	143	529	19	1	18	0	817	4633	4443	190	5450	0	5450
13	15.11.31	0	72	138	568	17	-2	16	0	809	4756	4757	-1	5565	0	5565
14	23.06.26	0	75	139	444	18	5	18	0	699	4543	4625	-82	5242	0	5242
15	00.00.00	0	75	144	430	18	0	19	0	686	4486	4298	188	5172	0	5172
16	23.25.51	0	35	146	233	18	-1	16	0	447	4524	4488	36	4971	0	4971
17	14.49.22	0	35	135	230	18	-1	17	0	434	4499	4580	-81	4933	0	4933
18	23.28.33	0	35	0	241	18	0	18	0	312	3965	4124	-159	4277	0	4277
19	23.30.00	0	35	0	432	13	-1	17	0	496	4107	4026	81	4603	0	4603
20	23.19.26	0	74	150	437	11	0	15	0	687	4550	4461	89	5237	0	5237
21	23.21.45	0	74	143	465	12	2	20	0	716	4794	4710	84	5510	18	5528
22	23.18.00	0	74	145	507	17	-2	16	0	757	4818	4828	-10	5575	10	5585
23	15.37.21	0	71	136	527	18	3	19	0	774	4963	4858	105	5737	0	5737
24	23.21.54	0	76	153	428	18	-1	16	0	690	4404	4352	52	5094	0	5094
25	23.46.50	0	75	144	487	0	0	16	0	722	4385	4226	159	5107	0	5107
26	23.45.06	0	76	147	431	0	-1	17	0	670	4566	4282	284	5236	0	5236
27	15.46.49	0	73	141	442	19	5	16	0	696	4903	4717	186	5599	0	5599
28	23.24.03	0	61	147	586	15	7	12	0	828	4967	4944	23	5795	0	5795
29	23.24.52	0	69	261	560	14	6	-1	0	909	5111	5034	77	6020	20	6040
30	15.42.48	0	54	259	577	15	3	-1	0	907	5333	5187	146	6240	15	6255
31	15.50.19	0	84	264	535	15	4	6	0	908	5553	5492	61	6461	0	6461

SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR MAY 2019

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

A (i) RPH	0.000
(ii) GT+STG	55.107
(iii) PRAGATI	114.341
(iv) RITHALA	0.000
(v) BAWANA CCGT	327.806
(vi) Timarpur – Okhla	15.111
EDWPCL	3.475
DMSWL	11.764
TOTAL	527.604
B) AVAILABILITY FROM BTPS	-0.636
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	21.093
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	505.875

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	0.000	0.000	0.000	0.000
SALAL	52.780	51.634	52.780	51.634
SASAN	302.386	294.453	301.690	293.775
TANKAPUR	5.576	5.438	5.576	5.438
CHAMERA	23.711	23.205	23.711	23.205
CHAMERA -II	26.544	25.965	26.544	25.965
CHAMERA -III	16.389	16.038	16.389	16.038
DHAULIGANGA	17.704	17.268	17.704	17.268
SEWA -2	11.657	11.404	11.657	11.404
URI	39.339	38.538	39.339	38.538
URI-II	22.856	22.407	22.856	22.407
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	11.594	11.304	11.594	11.304
PARBATI3	6.234	6.098	6.234	6.098
RAMPUR	0.000	0.000	0.000	0.000
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	7.114	6.894	5.514	5.343
ANTA (RLNG)	21.616	20.950	0.041	0.040
ANTA (LIQUID)	0.000	0.000	0.000	0.000
DADRI (GAS)	12.823	12.599	11.347	11.149
DADRI (RLNG)	43.059	42.322	0.104	0.102
DADRI (LIQUID)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	0.615	0.598	0.115	0.112
AURAIYA (RLNG)	50.142	48.784	0.115	0.112
AURAIYA (LIQUID)	0.000	0.000	0.000	0.000
SINGRAULI	92.285	89.252	81.448	78.774
SINGRAULI_HYDRO	0.488	0.472	0.488	0.472
RIHAND -I	68.011	65.777	62.316	60.269
RIHAND -II	84.428	81.653	80.891	78.232
RIHAND -III	81.878	79.206	77.566	75.039
UNCHAAR-I	16.062	15.673	11.739	11.455
UNCHAAR-II	31.599	30.833	23.098	22.537
UNCHAAR-III	19.635	19.159	14.614	14.259
UNCHAAR-IV	0.000	0.000	0.000	0.000
DADRI (TH)	516.040	507.164	240.020	235.842
DADRI (TH) STAGE-II	506.027	497.311	352.745	346.653
NAPP	30.555	29.727	30.555	29.727
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	39.321	37.867	39.321	37.867
NATHPA JHAKRI	72.522	70.925	72.522	70.925

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
DULASTI	25.131	24.585	25.131	24.585
TEHRI	14.875	14.502	14.875	14.502
JHAJJAR	324.045	318.471	128.151	126.031
KHELGAON	31.838	31.303	25.470	25.043
KHELGAON-II	74.474	73.224	63.297	62.236
FARAKA	14.574	14.304	11.360	11.150
TALA	7.769	7.605	7.769	7.605
TALCHER	0.000	0.000	0.000	0.000
DVC	247.434	246.021	246.021	244.414
TUTICORIN - BRPL	10.233	10.094	10.094	10.023
ADHPL (KULLU)	0.040	0.040	0.040	0.040
MEGHALAYA	8.624	8.593	8.593	8.541
SCLTPS (RAJASTHAN)	0.071	0.070	0.070	0.069
SIKKIM	18.689	18.520	18.520	18.399
KWHEP (HP)	0.658	0.647	0.647	0.643
METHON POWER(NDPL)LT-06	179.420	178.394	178.394	177.226
DVC MEJIA (LT-08)(BYPL)	65.420	65.048	65.048	64.620
Acme_RUMS	11.257	11.137	11.137	11.064
Arinsun_RUMS	10.303	10.193	10.193	10.127
Mahindra_RUMS	3.700	3.661	3.661	3.636
URS	0.040	0.040	0.040	0.040
JAMMU & KASHMIR	75.392	74.382	74.382	73.895
HIMACHAL PRADESH	373.370	367.370	367.370	365.077
JPNIGRIE _J (MP)	0.151	0.149	0.149	0.148
ESSAR _MA (MP)	0.050	0.050	0.050	0.049
NAGALAND	1.923	1.914	1.914	1.903
HIMACHAL PRADESH LT-59 DVC	4.848	4.770	4.770	4.739
HARYANA (LT-05)	52.510	51.925	51.925	51.595
UTTARAKHAND	1.319	1.299	1.299	1.289
WEST BENGAL	0.070	0.070	0.070	0.069
ORISSA MT-20 JITPL -DVC	5.098	5.043	5.043	5.010
PUNJAB	0.070	0.070	0.070	0.069
MANIPUR	30.349	30.158	30.158	29.970
RAJASTHAN(SOLAR) BRPL-LT36	4.186	4.101	4.101	4.074
RAJASTHAN(SOLAR) BYPL - LT-35	4.063	3.980	3.980	3.954
RAJASTHAN(SOLAR) TPDDL LT-31	3.989	3.908	3.908	3.883
TO GOA	-0.107	-0.109	-0.109	-0.111
TO ANDHRA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	-0.613	-0.622	-0.622	-0.628
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO DADRA & NAGAR HAVELI	-0.044	-0.045	-0.045	-0.045
TO VLCPP 1800 (UP)	-0.097	-0.099	-0.099	-0.101
TO KERALA	-0.097	-0.099	-0.099	-0.101
TO TAMILNAIDU	-0.044	-0.045	-0.045	-0.045
TO BIHAR	-0.049	-0.050	-0.050	-0.050
TO MAHARASHTRA	-0.088	-0.090	-0.090	-0.090
TO JHARKHAND	-0.444	-0.448	-0.448	-0.453
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	-0.366	-0.373	-0.373	-0.377
TO GUJRAT	-0.020	-0.020	-0.020	-0.020
POWER EXCHANGE(IEX)	89.578	88.905	89.578	88.905
TO POWER EXCHANGE (IEX)	-123.572	-124.919	-123.572	-124.919
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)	-25.155	-25.426	-25.155	-25.426
TO SHARE PROJECT (PUNJAB)	-25.892	-26.171	-25.892	-26.171
TOTAL	3749.957	3676.946	2931.291	2878.065

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	1551.818	1518.647	962.161	940.389
NTPC - ER	120.886	118.831	100.127	98.429
NHPC	247.920	242.580	247.920	242.579
NPC	69.876	67.594	69.876	67.594
SASAN	302.386	294.453	301.690	293.775
KOTESHWAR	11.594	11.304	11.594	11.304
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	72.522	70.925	72.522	70.925
TEHRI	14.875	14.502	14.875	14.502
TALA	7.769	7.605	7.769	7.605
JHAJJAR	324.045	318.471	128.151	126.031
TALCHER	0.000	0.000	0.000	0.000
RAJASTHAN SOLAR(BRPL)T-36	4.186	4.101	4.101	4.074
RAJASTHAN SOLAR(BYPL)T-35	4.063	3.980	3.980	3.954
RAJASTHAN SOLAR(TPDDL)T-31	3.989	3.908	3.908	3.883
DVC	247.434	246.021	246.021	244.414
TUTICORIN BRPL	10.233	10.094	10.094	10.023
ADHPL (KULLU)	0.040	0.040	0.040	0.040
MEGHALAYA	8.624	8.593	8.593	8.541
SCLTPS (RAJASTHAN)	0.071	0.070	0.070	0.069
SIKKIM	18.689	18.520	18.520	18.399
KWHEP (HP)	0.658	0.647	0.647	0.643
METHON POWER (NDPL)-LT-06	179.420	178.394	178.394	177.226
DVC MEJIA (LT-08)(BYPL)	65.420	65.048	65.048	64.620
Acme_RUMS	11.257	11.137	11.137	11.064
Arinsun_RUMS	10.303	10.193	10.193	10.127
Mahindra_RUMS	3.700	3.661	3.661	3.636
URS	0.040	0.040	0.040	0.040
JAMMU & KASHMIR	75.392	74.382	74.382	73.895
HIMACHAL PRADESH	373.370	367.370	367.370	365.077
JPNIGRIE _J (MP)	0.151	0.149	0.149	0.148
ESSAR_MA (MP)	0.050	0.050	0.050	0.049
NAGALAND	1.923	1.914	1.914	1.903
HIMACHAL PRADESH LT-59 DVC	4.848	4.770	4.770	4.739
HARYANA (LT -05)	52.510	51.925	51.925	51.595
UTTRAKHAND	1.319	1.299	1.299	1.289
WEST BENGAL	0.070	0.070	0.070	0.069
ORISSA MT-20 JITPL -DVC	5.098	5.043	5.043	5.010
PUNJAB	0.070	0.070	0.070	0.069
MANIPUR	30.349	30.158	30.158	29.970
POWER EXCHANGE(IEX)	89.578	88.905	89.578	88.905
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	3926.546	3855.462	3107.911	3056.603

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 GOA	-0.107	-0.109	-0.109	-0.111
TO ANDHRA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	-0.613	-0.622	-0.622	-0.628
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO VLCP 1800 (RJ)	-0.097	-0.099	-0.099	-0.101
TO DADRA & NAGAR HAVELI	-0.044	-0.045	-0.045	-0.045
TO KERALA	-0.097	-0.099	-0.099	-0.101
TO TAMILNADU	-0.044	-0.045	-0.045	-0.045
TO BIHAR	-0.049	-0.050	-0.050	-0.050
TO MAHARASHTRA	-0.088	-0.090	-0.090	-0.090
TO JHARKHAND	-0.444	-0.448	-0.448	-0.453
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	-0.366	-0.373	-0.373	-0.377
TO GUJRAT	-0.020	-0.020	-0.020	-0.020
TO POWER EXCHANGE (IEX)	-123.572	-124.919	-123.572	-124.919
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-25.155	-25.426	-25.155	-25.426
TO SHARE PROJECT (PUNJAB)	-25.892	-26.171	-25.892	-26.171
TOTAL	-176.589	-178.517	-176.619	-178.539
TOTAL SCHEDULED DRAWAL FROM THE GRID	3749.957	3676.946	2931.291	2878.065

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS	3387.192
NET CONSUMPTION	3366.099
AVAILABILITY WITHIN DELHI	505.875
ACTUAL DRAWAL FROM THE GRID	2860.224
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY	-17.841
LOAD SHEDDING	1.230
UNRESTRICTED DEMAND (GROSS)	3388.422
UNRESTRICTED DEMAND (NET)	3367.329
MAX. NET CONSUMPTION	130.589 ON 31.05.2019
MAX. LOAD SHEDDING	164MW ON 30.05.2019 AT 22.51HRS.
PEAK LOAD	Peak Demand during the month
DAY PEAK	6461MW AT 15.50.19 HRS ON 31.05.2019
EVENING PEAK	6277MW AT 23.30HRS ON 31.05.2019
P.L.F. OF GENCO AND PRAGATI STNs.	RPH GT PRAGATI RITHALA BAWANA Timarpur Okhla EDWPCL DMSWL
	0.00% 27.43% 46.57% 0.00% 32.14% 126.94% 38.92% 65.88%

SHEDDING DETAILS DURING THE MONTH OF MAY 2019.

ALL FIGURES IN MUS

DATE	No. of Under Freq. Relay Operated	Shedding due to under frequency relay operation in MUs					Shedding due to Grid Restrictions (Over drawal / low freq.)				
		BSES		NDPL	NDMC	TOTAL	BSES		NDPL	NDMC	MES
		BYPL	BRPL				BYPL	BRPL			
1	2	3	4	5	6	7=3 to 6	8	9	10	11	12
01-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000
10-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000
21-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000
22-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25-May-19	0	0.000	0.000	0.0001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000
28-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30-May-19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31-May-19	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	0.037	0.000	0.000

ALL FIGURES IN MUs

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	Total shedding due to grid restrictions
	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	24=8 to 23	25=7+24
01.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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
10.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009
21.May.19	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
22.May.19	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.May.19	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.May.19	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.May.19	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.May.19	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.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011
28.May.19	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.May.19	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.May.19	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
31.May.19	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	0.037	0.037

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.May.19	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000
02.May.19	0.000	0.000	0.000	0.000	0.000	0.008	0.032	0.001	0.000
03.May.19	0.000	0.037	0.000	0.000	0.000	0.000	0.002	0.010	0.000
04.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000
05.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.003	0.000
06.May.19	0.001	0.0000	0.000	0.000	0.000	0.000	0.021	0.000	0.000
07.May.19	0.000	0.001	0.000	0.000	0.000	0.000	0.013	0.0000	0.000
08.May.19	0.000	0.000	0.001	0.000	0.000	0.000	0.037	0.002	0.000
09.May.19	0.000	0.016	0.007	0.000	0.000	0.000	0.014	0.001	0.000
10.May.19	0.000	0.000	0.001	0.000	0.000	0.000	0.037	0.0000	0.000
11.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.000
12.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000
13.May.19	0.001	0.000	0.002	0.000	0.000	0.000	0.062	0.003	0.000
14.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.0000	0.000
15.May.19	0.001	0.003	0.000	0.000	0.000	0.003	0.012	0.012	0.000
16.May.19	0.000	0.012	0.000	0.000	0.000	0.000	0.010	0.000	0.000
17.May.19	0.000	0.005	0.000	0.000	0.000	0.000	0.035	0.008	0.000
18.May.19	0.001	0.001	0.000	0.000	0.000	0.003	0.004	0.0000	0.000
19.May.19	0.000	0.000	0.000	0.000	0.000	0.006	0.024	0.000	0.000
20.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.May.19	0.019	0.000	0.008	0.000	0.000	0.000	0.008	0.013	0.000
22.May.19	0.019	0.000	0.000	0.000	0.000	0.000	0.030	0.0000	0.000
23.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.068	0.042	0.000
24.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.0000	0.000
25.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.000
26.May.19	0.000	0.000	0.005	0.000	0.000	0.000	0.016	0.000	0.000
27.May.19	0.001	0.000	0.012	0.000	0.000	0.000	0.073	0.0000	0.000
28.May.19	0.000	0.000	0.014	0.000	0.000	0.000	0.018	0.0000	0.000
29.May.19	0.000	0.009	0.000	0.000	0.000	0.006	0.019	0.001	0.000
30.May.19	0.028	0.114	0.009	0.000	0.000	0.021	0.014	0.001	0.000
31.May.19	0.007	0.000	0.000	0.000	0.000	0.000	0.072	0.001	0.000
TOTAL	0.078	0.198	0.060	0.000	0.000	0.047	0.712	0.098	0.000

ALL FIGURES IN MUs

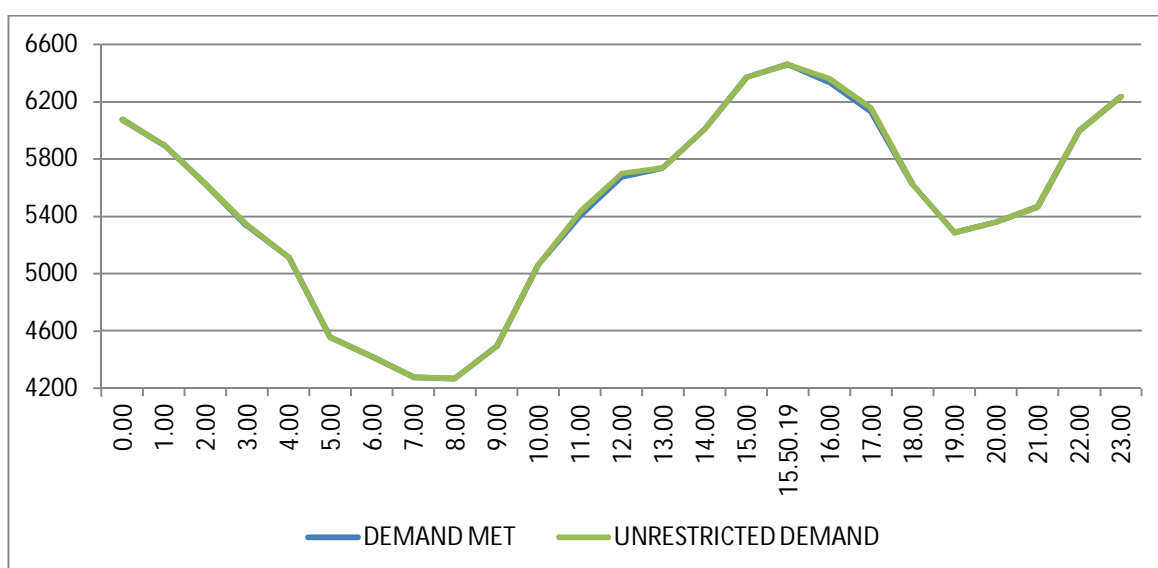
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		NDPL	NDMC	BSES		NDPL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
02.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041	0.041
03.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.049	0.049
04.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011
05.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032	0.032
06.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.022
07.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.014
08.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.040
09.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.038	0.043
10.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.038	0.038
11.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.015
12.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.016
13.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.068	0.068
14.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011
15.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.031	0.031
16.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.022
17.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.048	0.048
18.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009
19.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.030
20.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009
21.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.048	0.060
22.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.049	0.049
23.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.110	0.110
24.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009
25.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.021
27.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.086	0.097
28.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032	0.032
29.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.035
30.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.187	0.187
31.May.19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.080	0.080
TOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.193	1.230

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.May.19	115.315	5472	15:30	0	5472	5633	23:20:13	5633	0
02.May.19	113.187	5808	15:11:57	0	5808	5808	15:11:57	5808	0
03.May.19	106.096	5377	15:29:38	0	5377	5377	15:29:38	5377	0
04.May.19	100.791	4836	00:00:08	0	4836	4836	00:00:08	4836	0
05.May.19	96.380	4994	23:36:38	0	4994	4994	23:36:38	4994	0
06.May.19	106.394	5272	15:30:19	0	5272	5272	15:30:19	5272	0
07.May.19	110.692	5511	15:30:56	0	5511	5511	15:30:56	5511	0
08.May.19	113.656	5680	15:40:04	0	5680	5680	15:40:04	5680	0
09.May.19	118.190	5829	23:30:10	0	5829	5829	23:30:10	5829	0
10.May.19	117.270	5985	15:09:45	0	5985	5985	15:09:45	5985	0
11.May.19	111.523	5522	23:27:29	0	5522	5522	23:27:29	5522	0
12.May.19	100.622	5450	00:02:00	0	5450	5450	00:02:00	5450	0
13.May.19	110.361	5565	15:11:31	0	5565	5565	15:11:31	5565	0
14.May.19	108.460	5242	23:06:26	0	5242	5242	23:06:26	5242	0
15.May.19	100.721	5172	00:00:00	0	5172	5172	00:00:00	5172	0
16.May.19	102.572	4971	23:25:51	0	4971	4971	23:25:51	4971	0
17.May.19	99.167	4933	14:49:22	0	4933	4933	14:49:22	4933	0
18.May.19	86.574	4277	23:28:33	0	4277	4277	23:28:33	4277	0
19.May.19	89.519	4603	23:30:00	0	4603	4603	23:30:00	4603	0
20.May.19	104.077	5237	23:19:26	0	5237	5237	23:19:26	5237	0
21.May.19	109.898	5510	23:21:45	18	5528	5528	23:21:45	5510	18
22.May.19	115.028	5575	23:18	10	5585	5585	23:18	5575	10
23.May.19	114.039	5737	15:37:21	0	5737	5737	15:37:21	5737	0
24.May.19	105.812	5094	23:21:54	0	5094	5094	23:21:54	5094	0
25.May.19	103.530	5107	23:46:50	0	5107	5107	23:46:50	5107	0
26.May.19	100.289	5236	23:45:06	0	5236	5236	23:45:06	5236	0
27.May.19	111.878	5599	15:46:49	0	5599	5599	15:46:49	5599	0
28.May.19	116.758	5795	23:24:03	0	5795	5795	23:24:03	5795	0
29.May.19	121.599	6020	23:24:52	20	6040	6040	23:24:52	6020	20
30.May.19	125.112	6240	15:42:48	15	6255	6255	15:42:48	6240	15
31.May.19	130.589	6461	15:50:19	0	6461	6461	15:50:19	6461	0
TOTAL	3366.099	6461 31.05.19	15:50:19	0	6461 31.05.19	6461	15:50:19	6461	0

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING MAY 2019 ON 31.05.2019- 6461MW AT 15.50.19HRS.

All figures in MW

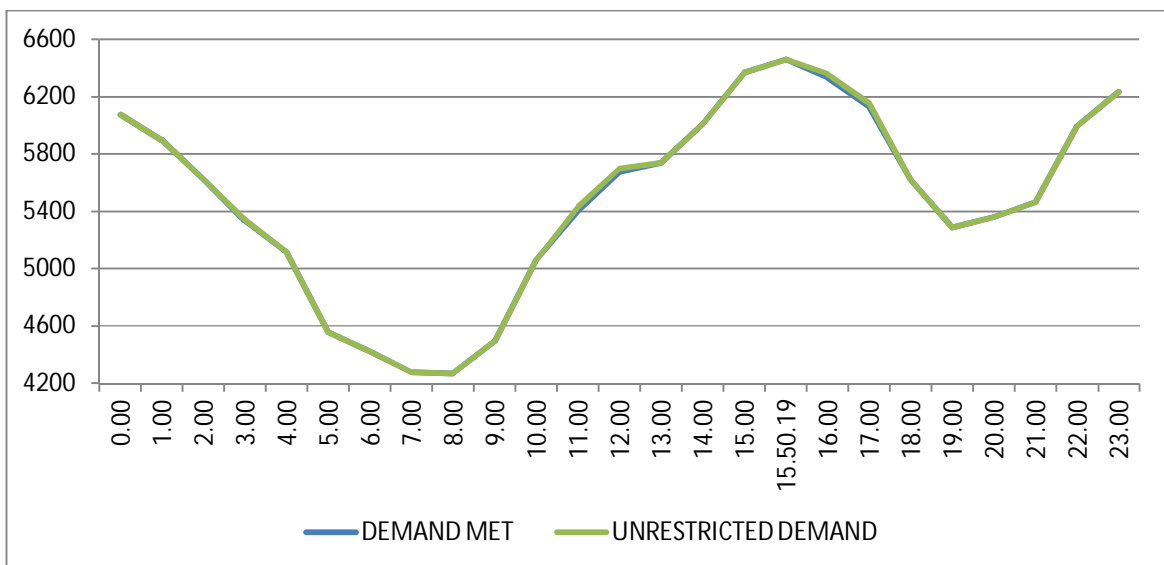
Hrs.	Demand	Load Shedding	Un-Restricted Demand
0.00	6074	0	6074
1.00	5898	0	5898
2.00	5627	0	5627
3.00	5336	6	5342
4.00	5115	0	5115
5.00	4554	0	4554
6.00	4421	0	4421
7.00	4279	0	4279
8.00	4269	0	4269
9.00	4489	0	4489
10.00	5061	0	5061
11.00	5405	23	5428
12.00	5672	25	5697
13.00	5738	0	5738
14.00	6007	0	6007
15.00	6369	0	6369
15.50.19	6461	0	6461
16.00	6334	25	6359
17.00	6131	25	6156
18.00	5619	0	5619
19.00	5288	0	5288
20.00	5359	0	5359
21.00	5464	0	5464
22.00	5995	0	5995
23.00	6234	0	6234
Total (IN MUS)	130.589	0.080	130.669



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING MAY 2019 ON 31.05.2019- 6461MW AT 15.50.19HRS.

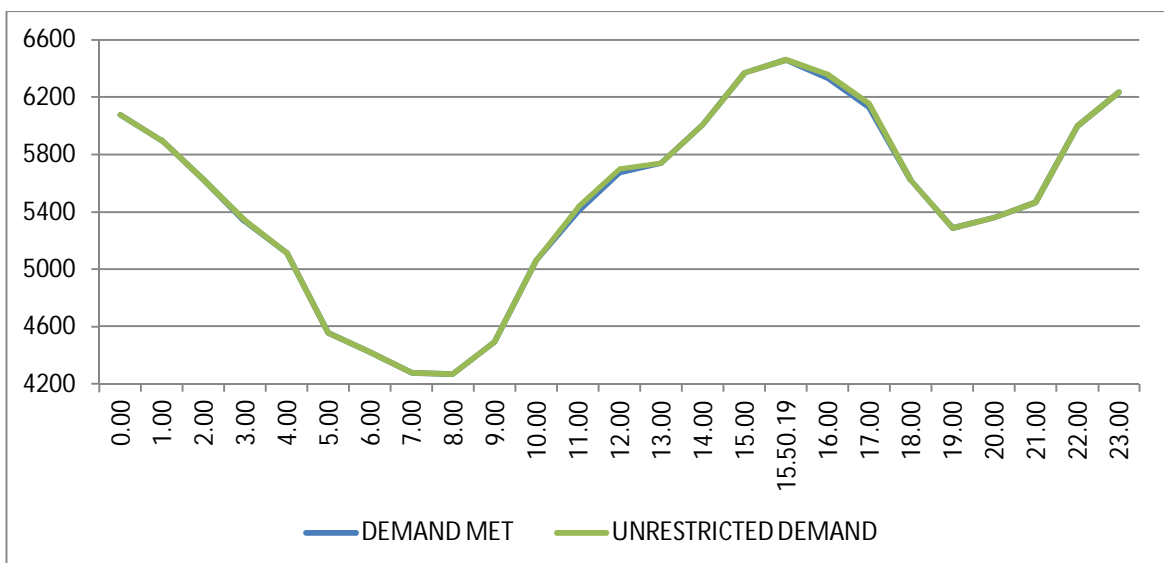
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
0.00	6074	0	6074
1.00	5898	0	5898
2.00	5627	0	5627
3.00	5336	6	5342
4.00	5115	0	5115
5.00	4554	0	4554
6.00	4421	0	4421
7.00	4279	0	4279
8.00	4269	0	4269
9.00	4489	0	4489
10.00	5061	0	5061
11.00	5405	23	5428
12.00	5672	25	5697
13.00	5738	0	5738
14.00	6007	0	6007
15.00	6369	0	6369
15.50.19	6461	0	6461
16.00	6334	25	6359
17.00	6131	25	6156
18.00	5619	0	5619
19.00	5288	0	5288
20.00	5359	0	5359
21.00	5464	0	5464
22.00	5995	0	5995
23.00	6234	0	6234
Total (IN MUS)	130.589	0.080	130.669



**12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED
DURING MAY 2019 – 31.05.2019 – 130.589Mus All figures in MW**

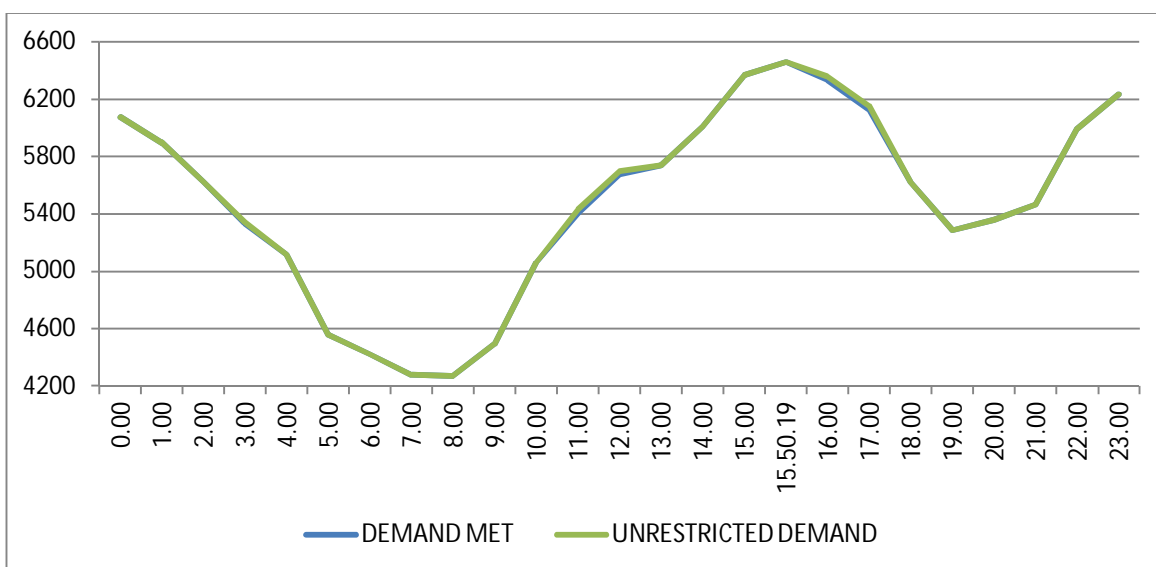
Hrs.	Demand	Load Shedding	Un-Restricted Demand
0.00	6074	0	6074
1.00	5898	0	5898
2.00	5627	0	5627
3.00	5336	6	5342
4.00	5115	0	5115
5.00	4554	0	4554
6.00	4421	0	4421
7.00	4279	0	4279
8.00	4269	0	4269
9.00	4489	0	4489
10.00	5061	0	5061
11.00	5405	23	5428
12.00	5672	25	5697
13.00	5738	0	5738
14.00	6007	0	6007
15.00	6369	0	6369
15.50.19	6461	0	6461
16.00	6334	25	6359
17.00	6131	25	6156
18.00	5619	0	5619
19.00	5288	0	5288
20.00	5359	0	5359
21.00	5464	0	5464
22.00	5995	0	5995
23.00	6234	0	6234
Total (IN MUS)	130.589	0.080	130.669



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING MAY 2019 – 31.05.2019 – 130.669 Mus

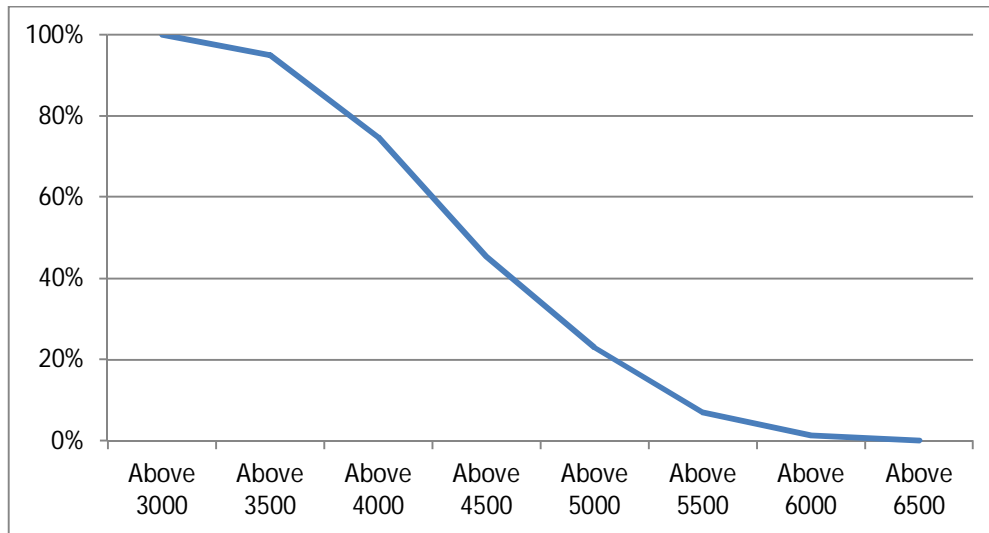
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
0.00	6074	0	6074
1.00	5898	0	5898
2.00	5627	0	5627
3.00	5336	6	5342
4.00	5115	0	5115
5.00	4554	0	4554
6.00	4421	0	4421
7.00	4279	0	4279
8.00	4269	0	4269
9.00	4489	0	4489
10.00	5061	0	5061
11.00	5405	23	5428
12.00	5672	25	5697
13.00	5738	0	5738
14.00	6007	0	6007
15.00	6369	0	6369
15.50.19	6461	0	6461
16.00	6334	25	6359
17.00	6131	25	6156
18.00	5619	0	5619
19.00	5288	0	5288
20.00	5359	0	5359
21.00	5464	0	5464
22.00	5995	0	5995
23.00	6234	0	6234
Total (IN MUS)	130.589	0.080	130.669



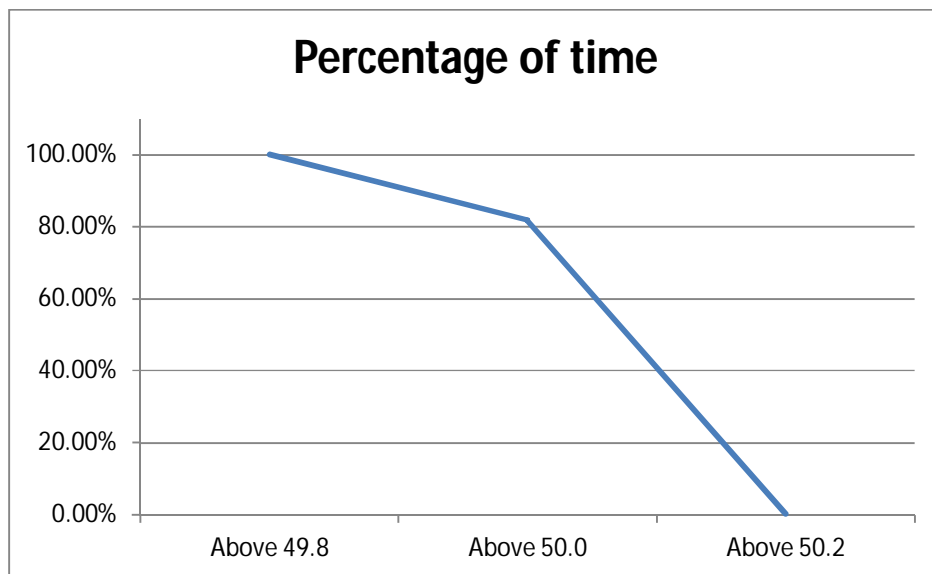
14 LOAD DURATION CURVE FOR MAY 2019

Load in MW	Percentage of Time
Above 3000	100%
Above 3500	94.93%
Above 4000	74.87%
Above 4500	45.40%
Above 5000	22.98%
Above 5500	6.89%
Above 6000	1.24%
Above 6500	0.00%



FREQUENCY ANALYSIS FOR THE MONTH OF MAY 2019

Frequency Range in Hz.	Percentage of time
Above 49.8	99.97
Above 50.0	81.85
Above 50.2	0.27



16 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING MAY 2019

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.May.19	233.3	218.6	237.81	222.47
02.May.19	232.78	220.92	236.91	223.11
03.May.19	233.17	218.86	237.69	224.01
04.May.19	233.43	219.24	237.04	224.01
05.May.19	234.72	219.11	237.94	224.66
06.May.19	231.11	220.15	234.46	223.76
07.May.19	232.01	218.21	235.11	223.5
08.May.19	232.4	217.82	237.04	221.18
09.May.19	229.82	217.18	233.82	219.63
10.May.19	230.21	218.86	233.17	221.44
11.May.19	231.75	218.6	234.98	223.63
12.May.19	231.37	220.27	235.36	222.47
13.May.19	233.43	220.53	234.98	221.69
14.May.19	232.4	220.53	235.88	222.08
15.May.19	234.33	217.57	236.65	222.34
16.May.19	233.82	221.82	237.81	224.92
17.May.19	233.95	223.37	241.17	225.95
18.May.19	233.82	222.98	237.69	224.92
19.May.19	234.07	222.21	237.04	224.92
20.May.19	231.75	221.18	235.36	223.5
21.May.19	231.37	219.24	235.75	222.34
22.May.19	230.08	220.15	234.07	222.08
23.May.19	232.14	219.63	237.3	221.05
24.May.19	234.33	222.98	235.62	224.92
25.May.19	233.82	219.76	237.69	222.34
26.May.19	231.88	219.63	235.23	223.5
27.May.19	229.82	219.11	232.78	220.53
28.May.19	230.21	219.63	233.43	221.56
29.May.19	229.82	217.18	234.07	221.05
30.May.19	228.27	215.24	232.66	219.63
31.May.19	227.88	215.76	233.17	219.76

17 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING MAY 2019

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.May.19	418.56	08:02:11	392.76	22:36:24	406.3
02.May.19	416.68	08:04:25	395.11	15:13:36	407.81
03.May.19	419.26	04:01:38	393.7	23:09:10	407.37
04.May.19	417.15	08:01:52	394.88	23:07:34	407.42
05.May.19	419.26	08:20:26	395.81	23:07:17	408.87
06.May.19	414.81	13:02:49	394.64	22:14:41	405.39
07.May.19	415.51	07:58:52	387.61	23:16:04	404.54
08.May.19	416.68	06:01:55	389.72	23:08:38	403.22
09.May.19	413.17	07:56:29	388.78	16:17:41	402.03
10.May.19	411.52	08:00:43	391.36	00:06:42	402.44
11.May.19	414.57	06:34:26	393.47	15:40:47	402.27
12.May.19	415.04	07:59:10	395.58	22:48:02	407.67
13.May.19	414.34	21:57:26	392.76	09:49:43	403.88
14.May.19	415.74	05:02:37	391.59	16:25:28	403.72
15.May.19	419.03	08:30:40	394.88	16:15:22	405.44
16.May.19	418.32	05:01:03	383.15	18:39:26	405.59
17.May.19	420.2	21:04:20	399.33	16:31:39	409.62
18.May.19	416.21	05:01:01	396.75	11:42:22	406.26
19.May.19	417.86	06:01:44	397.92	22:34:47	409.13
20.May.19	416.68	04:38:48	395.81	16:31:49	404.9
21.May.19	415.51	06:54:22	393.94	23:14:14	403.38
22.May.19	412.7	06:01:35	392.76	16:24:27	402.55
23.May.19	416.92	18:31:31	391.36	12:10:50	402.66
24.May.19	416.21	06:58:23	396.28	19:26:45	406.22
25.May.19	418.09	06:02:16	394.41	23:14:29	405.41
26.May.19	414.34	07:06:00	393.47	23:10:33	406.93
27.May.19	411.52	05:02:04	392.06	16:23:56	401.74
28.May.19	411.29	04:00:37	393.7	23:08:01	402.48
29.May.19	413.17	06:02:31	393.23	23:10:04	402.3
30.May.19	412.7	07:00:15	390.19	23:13:38	401.78
31.May.19	412.7	07:31:19	389.95	23:40:02	402.19

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.May.19	422.55	08:02:22	398.63	23:17:45	411.34
02.May.19	421.37	08:07:32	401.68	00:00:05	413.51
03.May.19	425.36	08:05:12	400.27	23:07:34	414.17
04.May.19	422.78	08:06:14	400.5	23:11:14	413.45
05.May.19	425.36	08:23:02	400.5	23:08:34	414.77
06.May.19	421.61	13:29:16	399.8	23:06:14	411.13
07.May.19	420.43	08:02:31	395.81	23:17:44	410.31
08.May.19	420.2	06:02:40	396.28	23:07:34	408.53
09.May.19	417.86	07:58:41	396.75	16:16:08	407.02
10.May.19	418.56	18:57:51	398.16	00:05:55	409.19
11.May.19	420.2	06:06:30	401.44	23:15:34	409.46
12.May.19	419.03	07:59:42	403.08	23:12:44	413.09
13.May.19	421.37	21:57:43	401.68	11:24:26	410.39
14.May.19	420.9	05:06:19	399.57	22:48:34	410.24
15.May.19	423.72	08:30:24	400.5	23:21:44	409.91
16.May.19	423.25	07:00:21	404.25	23:06:03	411.53
17.May.19	423.72	21:04:21	406.6	11:41:33	414.46
18.May.19	423.25	06:02:18	405.43	11:45:13	413.59
19.May.19	423.95	06:03:48	405.19	23:06:31	415.05
20.May.19	420.9	05:01:46	402.85	16:32:45	411.02
21.May.19	419.26	06:53:57	400.27	23:28:31	409.11
22.May.19	416.92	06:01:56	400.74	16:30:27	408.23
23.May.19	419.26	18:30:22	400.27	12:10:23	408.5
24.May.19	422.78	06:58:56	403.08	19:28:07	413.03
25.May.19	423.01	06:02:15	401.68	23:10:22	412.17
26.May.19	419.03	07:05:56	401.44	23:10:29	412.6
27.May.19	415.98	06:01:55	400.5	22:40:23	407.99
28.May.19	415.51	06:02:05	398.16	23:07:49	407.28
29.May.19	414.34	06:02:25	398.39	23:11:49	405.57
30.May.19	413.4	07:00:15	396.28	23:12:39	404.66
31.May.19	413.63	06:21:15	395.11	23:40:04	404.74

20 DETAILS OF BREAK-DOWNS DURING THE MONTH OF MAY 2019

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	1.5.19	16:11	SHALIMAR BAGH 33/11kV, 20MVA Tx	1.5.19	17:25	86
2	1.5.19	18:14	HARSH VIHAR Nand Nagari Ckt-1	1.5.19	18:41	SAS
3	2.5.19	00:40	220KV GAZIPUR - MAHARANIBAGH CKT. -II	2.5.19	00:50	DIST PROT, DIST 11.13KM.
4	2.5.19	12:58	220KVBAWANA- ROHINI-2 CKT-II	2.5.19	13:51	AT BAWANA : NO INDICATION
5	3.5.19	16:45	WAZIRPUR 220/33kV 100MVA Tx-II	4.5.19	01:54	86
6	3.5.19	18:17	INDRAPRASTHA POWER 220/33kV 100MVA Tx-III	4.5.19	13:25	REF.
7	4.5.19	15:20	BAWANA 400/220kV 315MVA ICT-I	4.5.19	16:46	86
8	4.5.19	18:35	220KV MEHRAULI - VASANT KUNJ CKT.- I	4.5.19	22:02	AT MEHRAULI : DIST PROT, DIST 1.653KM.
9	6.5.19	19:16	220KV SARITA VIHAR - BTPS CKT.-I	6.5.19	19:58	O/C, E/F AT SARITA VIHAR
10	4.5.19	20:58	VASANT KUNJ 66/11kV, 20MVA Tx-II	5.5.19	14:05	DIFFERENTIAL, 86.
11	5.5.19	01:45	ELECTRIC LANE 220/33kV 100MVA Tx-II	5.5.19	13:03	BUCHOLZ, 80C.
12	5.5.19	01:47	PRAGATI 220/66kV 160MVA Tx-II	5.5.19	18:43	86, E/F
13	6.5.19	04:45	RAJGHAT 220/33kV 100MVA Tx-2	6.5.19	06:40	86AB, OIL TEMP, AUTO RECLOSE RELAY.
14	6.5.19	06:53	OKHLA 220/33kV 100MVA Tx-V	6.5.19	10:16	E/F
15	8.5.19	12:41	BAWANA 400/220kV 315MVA ICT-I	8.5.19	12:51	86
16	9.5.19	07:06	MEHRAULI 220/66kV 160MVA Tx-I	9.5.19	14:31	O/C, E/F.
17	9.5.19	12:19	220kV GOPALPUR- MANDOLACKT-I	9.5.19	13:24	AT MANDOLA : DIST PROT, DIST 18KM, R PHASE.
18	10.5.19	20:07	DSIIDC Bawana 220/66kV 100MVA Tx-II	10.5.19	20:25	O/C, E/F
19	11.5.19	16:35	OKHLA 220/33kV 100MVA Tx-IV	11.5.19	20:02	86
20	13.5.19	17:35	GOPALPUR 220/33kV 100MVA Tx-I	13.5.19	18:46	TRIPPED WITHOUT INDICATION.
21	13.5.19	17:35	GOPALPUR 33/11kV, 16MVA Tx-I	13.5.19	18:46	TRIPPED WITHOUT INDICATION.
22	13.5.19	18:10	RAJGHAT 220/33kV 100MVA Tx-2	14.5.19	20:03	TRIPPED DUE TO FIRE REPORTED.
23	13.5.19	20:35	PAPPANKALAN-I 66/11kV, 20MVA Tx-II	13.5.19	21:10	OLTC.
24	15.5.19	07:44	BAWANA 400/220kV 315MVA ICT-II	15.5.19	10:34	ICT Tripped on 186 A&B, Differential, 86 A-1, 86 B-1, 67A. 220kV I/C-II tripped on 86A & 86B
25	15.5.19	07:44	BAWANA 400/220kV 315MVA ICT-III	15.5.19	10:26	ICT Tripped on O/C, E/F 186A&B, Differential, 86 A-1 group, 86 B-1 group. 220kV I/C -III tripped on 195
26	15.5.19	07:44	BAWANA 400/220kV 315MVA ICT-IV	15.5.19	12:36	ICT Tripped on CB No 42152 pole discrepancy & O/C DMT operated. 220kV I/C-III tripped on 95 ABC, 86.
27	15.5.19	07:44	400kV Mandola-Bawana Ckt-II	15.5.19	10:38	At Bawana: RYB Phase, E/F.
28	15.5.19	09:35	GAZIPUR 66/11kV, 20MVA Tx-II	15.5.19	12:25	PRV
29	15.5.19	11:46	BAWANA 400/220kV 315MVA ICT-III	15.5.19	18:46	86
30	15.5.19	13:32	ELECTRIC LANE 220/33kV 100MVA Tx-I	15.5.19	14:05	86, O/C
31	15.5.19	22:23	OKHLA 220/33kV 100MVA Tx-IV	15.5.19	23:32	E/F, 86
32	15.5.19	22:23	OKHLA 220/33kV 100MVA Tx-III	15.5.19	22:50	E/F, 86
33	17.5.19	04:10	OKHLA 66/11kV, 20MVA Tx-I	17.5.19	08:30	TRIPPED ON E/F
34	17.5.19	16:29	220KV BAMNAULI-PAPPANKALAN-II CKT-I	17.5.19	20:09	AT PAPPANKALAN-II : DIST PROT, ZONE-I, DIFFERENTIAL AT BAMNAULI : DIST PROT, ZONE-I, DIST 1.740KKM.
35	17.5.19	21:05	220KV MAHARANI BAGH - SARITA VIHAR CKT	18.5.19	07:50	AT MAHARANI BAGH : DIST PROT, ZONEI, II & III, RYB PHASE, DIST 1.3KM. AT SARITA VIHAR : DIST PROT, ZONE-II, DIST 9.529KM.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
36	18.5.19	02:36	VASANT KUNJ 220/66kV 100MVA Tx-II	18.5.19	05:26	86
37	18.5.19	23:02	220 KV I.P.- RPH CKT-II	19.5.19	02:10	TRIPPED WITHOUT INDICATION.
38	22.5.19	07:01	PATPARGANJ 33/11kV, 16MVA Tx	22.5.19	07:30	86
39	22.5.19	10:16	LODHI RD 33/11kV, 16MVA Tx-iv	22.5.19	14:08	OLTC.
40	24.5.19	07:45	NAJAFGARH 66kV 20MVAR CAP. BANK-I	24.5.19	16:25	86
41	24.5.19	23:56	220kV SARITA VIHAR - BTPS CKT.-I	25.5.19	19:38	AT SARITA VIHAR : TRIPPED ON AUTO RECLOSE.
42	29.5.19	23:10	VASANT KUNJ 220/66kV 100MVA Tx-II	30.5.19	01:50	86
43	29.5.19	23:10	VASANT KUNJ 66/11kV, 20MVA Tx-I	30.5.19	00:00	CT BLAST, 86
44	30.5.19	02:15	220kV BAMNAULI-PAPPANKALAN-I CKT-I	30.5.19	09:07	AT 220kV PPP-1: TRIPPED DUE TO DEPENDENCIES IN CB.
45	30.5.19	02:15	220kV BAMNAULI-PAPPANKALAN-I CKT-I	30.5.19	09:07	AT 220kV PPP-1: TRIPPED DUE TO DEPENDENCIES IN CB.
46	30.5.19	07:10	INDRAPRASTHA POWER 33kV KILOKRI CKT (BAY-37)	30.5.19	10:10	tripped on e/f.
47	30.5.19	09:54	SUBZI MANDI 33kV SHAHZADA BAGH CKT-I	30.5.19	11:40	TRIPPED ON Z-1,2,3 3 PHASE,86
48	30.5.19	12:02	220KVBAWANA- ROHINI CKT-I	30.5.19	17:10	TRIPPED ON DIST. PROT., Z-1, Y& R PHASE.
49	30.5.19	14:02	SUBZI MANDI 33kV SHAHZADA BAGH CKT-I	30.5.19	18:54	DIFF. TRIP, R PHASE, 86.
50	30.5.19	14:02	GAZIPUR 66kV KONDLI CKT-II	30.5.19	15:40	TRIPPED ON Z-1, Y PHASE, 0.6KM, 86.
51	30.5.19	16:20	INDRAPRASTHA POWER 33kV TILAK MARG CKT (BAY-6)	30.5.19	19:52	TRIPPED ON Y PHASE, O/C, E/F.
52	30.5.19	19:55	MASJID MOTH 220/33kV 100MVA Tx-I	31.5.19	13:30	TRIPPED WINDING TEMPERATURE & BUCHOLZ, 86.
53	30.5.19	22:43	GAZIPUR 66kV KONDLI CKT-I	30.5.19	23:17	TRIPPED ON RYB PHASE, Z-1, 0.6KM.
54	31.5.19	01:33	ELECTRIC LANE 33kV MANDI HOUSE CKT(ENERGIZED ON 1.10.12 AT 17:00HRS)	31.5.19	04:50	TRIPPED ON O/C.
55	31.5.19	02:50	220 KV I.P.- RPH CKT-II	31.5.19	10:48	TRIPPED ON 67.
56	31.5.19	10:48	PAPPANKALAN-II 66kV G-15 DWARKA CKT-II	31.5.19	14:03	TRIPPED ON E/F, B PHASE AT CABLE END CB TOP CLAMP.
57	31.5.19	11:31	PAPPANKALAN-II 66kV G-15 DWARKA CKT-II	31.5.19	14:03	TRIPPED ON E/F, D/P, R PHASE, 4KA.

20 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF MAY 2019

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