

DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

JUNE 2021

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	5-6
4.	Allocation of Power to Delhi Discoms from of various generating stations	7-10
5.	Power Availability Demand Position of Delhi at the time of occurrence of Peak Demand	11
6.	Power Availability Demand Position of Delhi at the time of occurrence of Maximum Un-Restricted Demand	12
7.	Source wise scheduled drawl from grid and Availability within Delhi	13-17
8.	Shedding Details	18-22
9.	Load Curve for the Day of Peak Demand	23
10.	Load Curve for the day of occurrence of Maximum Un-Restricted Demand	24
11.	Load Curve for the day of Maximum Energy Consumed	25
12.	Load Curve for the day of Maximum Un-Restricted Energy Demand	26
13.	Load Duration Curve	27
14.	Frequency Analysis	28
15.	Voltage Profile for significant 220kV Sub-Stations	29
16.	Voltage Profile for significant 400kV Sub-Stations	30-31
17.	Tripping Details of 400/220 KV System in Delhi Power System	32-33
18.	Details of Under frequency Relay operations in Delhi Power System	34

SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	JUN. 2020	JUN. 2021
1	Effective Generation Capacity within Delhi in MW		
	Rajghat Power House	135	135
	Gas Turbine	270	270
	Pragati Power Corporation Ltd.	330	330
	Bawana CCGT	1372	1371
	TOWMCL (Waste to Energy Plant)	16	16
	EDWPCL (Waste to Energy Plant)	10	10
	DMSWL (Waste to Energy Plant)	24	24
	Total	2156	2156
2	Maximum Unrestricted Demand (MW)	6314	6921
	Date	29.06.20	30.06.21
	Time	15.33.17	15.10.25
3	Peak Demand met (MW)	6314	6921
	Date	29.06.20	30.06.21
	Time	15.33.17	15.10.25
4	Peak Availability (MW)	6272	6747
5	Shortage (-) / Surplus (+) in MW	(-) 42	(-) 174
6	Percentage Shortage (-) / Surplus (+)	(-) 0.67	(-) 2.51
7	Maximum Energy Consume in a day (Mus)	125.714	137.195
8	Energy Consumed during the month	3109.029	3286.550
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		
	TPDDL	0.000	0.000
	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	0.000	0.000
B)	Due to Constraints in System in Mus		
	DTL	0.364	0.436
	TPDDL	0.037	0.076
	BRPL	0.381	0.309
	BYPL	0.012	0.054
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.149	0.045
	Total	0.943	0.920
10	Grand Total in Mus	0.943	0.920

2. **PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING JUNE 2021**

A) **For the month of June 2021**

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Plant Availability factor for the month (%)	Backing Down
1.	RPH	0.000	0.120	-0.120	--	--
2.	GT	1.231	1.107	0.124	7.76	2.482
3.	PPCL	190.540	4.259	186.281	81.17	29.914
4.	Bawana	223.758	8.525	215.233	96.45	712.90
5.	Towmcl	14.290	2.154	12.136	--	--
6.	EDWPCL	2.221	0.824	1.397	--	--
7.	DMSWL	13.157	2.050	11.107	--	--
	TOTAL	445.197	19.039	426.158		

B) **For the Year 2021-22 (Upto June 2021)**

Power Station	Effective Capacity (MW)	Net Generation in MUs for Jun 2021	Availability (%) for Jun 2021	PLF (%) for Jun 2021	Cumulative Generation in MUs upto Jun 2021 for the year 2021-22	Cumulative Availability in % upto Jun 2021 for the year 2021-22
RPH	135	-0.120	--	--	-0.364	--
GT	270	0.124	7.76	6.44	61.751	14.02
PPCL	330	186.281	81.17	19.15	405.162	92.72
Bawana	1372	215.233	96.45	22.14	873.361	92.17
Towmcl	16	12.136	--	--	33.195	--
EDWPCL	10	1.397	--	--	2.480	--
DMSWL	24	11.107	--	--	33.646	--
TOTAL	2936	426.158			1409.231	

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. JUNE 2021

RPH

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	08.05.15	13.40			Not in operation due to not meeting pollution norms.
2	67.5	21.05.15	10.20			Not in operation due to not meeting pollution norms.

(B) Gas Turbine

Sr. No.	Unit no	Capacity(MW)	Outage		Synchronization		Reason of outage with details of works
			Date	Time	Date	Time	
1	GT#1	30.0	1-Jun-21	0:39	1-Jun-21	3:50	Unit tripped due to tripping of both 160MVA -I & 160MVA -II Transformers due to heavy jerk
			16-Jun-21	5:45	1-Jul-21	0:00	Unit is under shut down due to non availability of domestic gas from GAIL
2	GT#2	30.0	1-Jun-21	0:00	1-Jul-21	0:00	Unit is under shut down due to non availability of domestic gas from GAIL
3	STG # 1	30.00	1-Jun-21	0:39	1-Jun-21	05:05	Unit tripped due to tripping of both 160MVA -I & 160MVA -II Transformers due to heavy jerk
			16-Jun-21	5:45	1-Jul-21	0:00	Unit is under shut down due to non availability of domestic gas from GAIL

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	104	03.06.2021	00:00	03.06.2021	09:53 Continued Outage GT#2 remained stopped as desired by SLDC
2	104	03.06.2021	16:27	03.06.2021	21:09	GT#2 tripped on Internal Fault

(D) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	Nil				

4 ALLOCATION OF POWER TO DISCOMS

A) ALLOCATION OF DELHI AND DISCOMS (IN MW) FROM VARIOUS CENTRAL SECTOR, STATE SECTOR GENERATING STATIONS ALONG WITH LTAs w.e.f. 01.06.2021 to 30.06.2021

Name of the Stn				DISCOMWISE CAPACITY ALLOCATION IN MW						NR
	Installed capacity in MW	Capacity Allocation to Delhi	capacity Allocation to Delhi	BRPL	BYPL	TPDDL	NDMC	MES	RPH	
STATE GENERATING STATIONS		In%	in MW							
RPH										
GAS TURBINE	270		90	37.38	20.47	26.70	4.45	0.00	1.00	
PRAGATI	330	100	330	93	53	64	100	20		
BAWANA CCGT	1371	80	1097	427	247	298	100	25		
EDWPCL(WEP)	12	0	0	0	0.0	0	0	0		
Bawana(WEP)	24	100	24	10	6	7	1	0		
TOWMCL(WEP)Exbus	13	97.15	12.63	6.5	0	6.1	0			
TOTAL	2020		1553.43	574.1	326.0	401.7	205.7	45.0	1.00	0.0
CENTRAL SECTOR GENERATION										
<u>NTPC STATIONS</u>										
Singrauli STPS	2000	7.50	150.00	30	74	46	0	0		
Rihand Stage-I	1000	10.00	100.00	69	0	31	0	0		
Rihand Stage -II	1000	12.60	126.00	55	32	39	0	0		
Rihand Stage-III	1000	13.19	131.91	78	54	0	0	0		
ANTA GPS	419	10.50	44.00	19	11	13	0	0		
Auriya GPS	663.36	10.86	72.04	32	18	22	0	0		
Dadri GPS	829.78	10.96	90.94	40	23	28	0	0		
Dadri (Th)-I	840	90.00	756.00	559	62	10	125	0		
Dadri (Th) -II	980	74.24	727.53	543	175	10	0	0		
Unchahaar-I TPS	420	5.71	23.98	11	6	7	0	0		
Unchahaar-II TPS	420	11.19	47.00	21	12	14	0	0		
Unchahaar-III TPS	210	13.81	29.00	13	7	9	0	0		
Unchahaar-IV TPS	500									
Jhajjar	1500	46.20	693.00	10	69	614	0	0		
Farakka(From ER)	1600	1.39	22.24	10	6	7	0	0		
Kahalgaon-I(From ER)	840	6.07	50.99	22	13	16	0	0		
Kahalgaon-II(From ER)	1500	10.49	157.35	69	40	48	0	0		
TOTAL NTPC	15722.14		3221.98	1581	602	914	125	0	0	0
<u>NHPC (HYDRO)</u>										
Baira Suil HPS	180	11.00	19.80	8.7	5.0	6.1	0	0		
Salal HPS	690	11.62	80.18	59.8	20.4	0	0	0		
Tanakpur HEP	94	12.81	12.07	5.30	3.07	3.70	0	0		
Chamera HEP	540	7.90	42.66	18.7	10.8	13.1	0	0		
Chamera-II HEP	300	13.33	39.99	17.6	10.2	12.3	0	0		
Chamera-III HEP	231	12.73	29.42	12.9	7.5	9.0	0	0		
URI-I HEP	480	11.04	52.99	23.3	13.5	16.3	0	0		
URI -II HEP	240	13.45	32.28	14.2	8.2	9.9	0	0		
Sewa HEP	120	13.33	16.00	7.02	4.06	4.91	0	0		
Dhaulti Ganga HEP	280	13.21	36.99	16.2	9.4	11.3	0	0		
Dulhasti HEP	390	12.83	50.04	22.0	12.7	15.4	0	0		
Parbati-III HEP	520	12.73	66.20	29.1	16.8	20.3	0	0		
Total NHPC	4065		478.61	234.81	121.56	122.24	0	0	0	0
Nathpa Jhakri HEP	1500	9	142.05	62	36	44	0	0		
Tehri Hydro	1000	6.30	63.00	44	0	19	0	0		

Koteshwar HEP	400	9.86	39.44	27	0	12	0	0		
Total THDC	1400		102.44	71.01	0	31.43	0	0	0	0
Singrauli Hyd	8	19.13	1.53	0	0	1.53				
NPC (NUCLEAR)										
Narora APS	440	10.68	46.99	33	0	14	0	0		
RAPP (C)	440	12.69	55.84	25	14	17	0	0		
TOTAL NPC	880		102.83	57	14	32	0	0	0	0
Allocation from ER										
Tala HEP	1020	2.94	29.99	13	8	9	0	0		
SASAN	3960	11.25	445.50	66.08	311.08	68.34	0	0		
DVC(CTPS7 & 8)			273.00	119.90	69.34	83.76				
DVC(Mejia6)			100.00	44	25	31	0	0		
TOTAL	4980		848.49	243	413	192	0	0	0	0
Allocation from Long term Bilateral										
CLP Jhajjar(Th)	1320		124.00			124				
Mejia-7(Th)*	500		105		105					
Methan(Th)	1050		281.25			281				
Surya Kanta(Hyd)			14.00			14				
Nanti Hydro			11.45			11				
Tutikoren(LT-61)			50.00	50						
SECI			60.00	20	20	20				
RUMS - DMRC			99.00	47.5	26.3	25.2				
Sun Edision (From 18.11.2019)			180.00			180				
Teranda (HYD) (From 08.1.2020)			12.65			12.65				
BRBCL (From 15.01.2020)			5.00							5
JIPTL										
Alfanar wind SECI- 3(L_NR2020_05,06 & 07)	300		195.50	117.30	39.10	39.10				
TOTAL	3170		1138.02	234.558	190.838	707.624	0	0	0	5
Total in MW	33745		7589	3058	1704	2446	331	45	1	5.00

B) ALLOCATION OF DELHI AND DISCOMS (IN %AGE) FROM VARIOUS CENTRAL SECTOR, STATE SECTOR GENERATING STATIONS ALONG WITH LTAs w.e.f. 01.06.2021 to 30.06.2021.

Name of the Stn				DISCOMWISE CAPACITY ALLOCATION IN %						NR
	Installed capacity in MW	Capacity Allocation to Delhi in %age	capacity Allocation in MW to Delhi	BRPL	BYPL	TPDDL	NDMC	MES	RPH	
STATE GENERATING STATIONS										
RPH										
GAS TURBINE	270		90	41.533	22.744	29.667	4.944	0.000	1.111	
PRAGATI	330	100	330	28.29	16.07	19.28	30.30	6.06		
BAWANA CCGT	1371	80	1097	38.9125	22.5000	27.1875	9.1250	2.2750		
EDWPCL(WEP)	12	0	0	0.00	100.00	0.00	0.00	0.00		
Bawana(WEP)	24	100	24	41.81	23.90	29.20	5.09	0.00		
TOWMCL(WEP)	13	97	12.63	50.00	0.00	47.15	0.00	0.00	0.00	

TOTAL	2020		1553.43	36.95	20.99	25.86	13.24	2.89	0.06	0.00
CENTRAL SECTOR GENERATION										
NTPC STATIONS										
Singrauli STPS	2000	7.50	150.00	19.76	49.56	30.68	0.00	0.00		
Rihand Stage-I	1000	10.00	100.00	69.32	0.00	30.68	0.00	0.00		
Rihand Stage -II	1000	12.60	126.00	43.92	25.40	30.68	0.00	0.00		
Rihand Stage-III	1000	13.19	131.91	59.26	40.74	0.00	0.00	0.00		
ANTA GPS	419	10.50	44.00	43.92	25.40	30.68	0.00	0.00		
Auriya GPS	663.36	10.86	72.04	43.92	25.40	30.68	0.00	0.00		
Dadri GPS	829.78	10.96	90.94	43.92	25.39	30.68	0.00	0.00		
Dadri (Th)-I	840	90.00	756.00	73.98	8.17	1.32	16.53	0.00		
Dadri (Th) -II	980	74.24	727.53	74.60	24.03	1.37	0.00	0.00		
Unchahaar-I TPS	420	5.71	23.98	43.92	25.39	30.68	0.00	0.00		
Unchahaar-II TPS	420	11.19	47.00	43.92	25.40	30.68	0.00	0.00		
Unchahaar-III TPS	210	13.81	29.00	43.92	25.40	30.68	0.00	0.00		
Unchahaar-IV TPS	500									
Jhajjar	1500	46.20	693.00	1.44	9.99	88.57	0.00	0.00		
Farakka	1600	1.39	22.24	43.92	25.40	30.68	0.00	0.00		
Kahalgaon-I	840	6.07	50.99	43.92	25.40	30.68	0.00	0.00		
Kahalgaon-II	1500	10.49	157.35	43.92	25.40	30.68	0.00	0.00		
TOTAL NTPC	15722.14		3221.98	49.06	18.70	28.37	3.88	0.00	0.00	0.00
NHPC (HYDRO)										
Baira Suil HPS	180	11.00	19.80	43.92	25.40	30.68	0.00	0.00		
Salal HPS	690	11.62	80.18	74.60	25.40	0.00	0.00	0.00		
Tanakpur HEP	94	12.81	12.07	43.92	25.40	30.68	0.00	0.00		
Chamera HEP	540	7.90	42.66	43.92	25.40	30.68	0.00	0.00		
Chamera-II HEP	300	13.33	39.99	43.92	25.40	30.68	0.00	0.00		
Chamera-III HEP	231	12.73	29.42	43.92	25.40	30.68	0.00	0.00		
URI-I HEP	480	11.04	52.99	43.92	25.40	30.68	0.00	0.00		
URI -II HEP	240	13.45	32.28	43.92	25.40	30.68	0.00	0.00		
Sewa HEP	120	13.33	16.00	43.92	25.40	30.68	0.00	0.00		
Dhauri Ganga HEP	280	13.21	36.99	43.92	25.40	30.68	0.00	0.00		
Dulhasti HEP	390	12.83	50.04	43.92	25.40	30.68	0.00	0.00		
Parbati-III HEP	520	12.73	66.20	43.92	25.40	30.68	0.00	0.00		
Total NHPC	4065		478.6073	49.06	25.40	25.54	0.00	0.00		
Nathpa Jhakri HEP	1500	9	142.05	43.92	25.40	30.68	0.00	0.00		
Tehri Hydro	1000	6.30	63.00	69.32	0.00	30.68	0.00	0.00		
Koteshwar HEP	400	9.86	39.44	69.32	0.00	30.68	0.00	0.00		
Total THDC	1400		102.44	69.32	0.00	30.68	0.00	0.00		
Singrauli Hyd	8	19.13	1.53	0.00	0.00	100.00	0.00	0.00		
NPC (NUCLEAR)										
Narora APS	440	10.68	46.99	69.32	0.00	30.68	0.00	0.00		
RAPP (C)	440	12.69	55.84	43.92	25.40	30.68	0.00	0.00		
TOTAL NPC	880		102.828	55.53	13.79	30.68	0.00	0.00	0.00	0.00
Allocation from ER										
Tala HEP	1020	2.94	29.99	43.92	25.40	30.68	0.00	0.00		
SASAN	3960	11.25	445.50	14.832	69.828	15.340	0.00	0.00		
DVC(CTPS7 &8)			273.00	43.92	25.40	30.68				
DVC(Mejia6)			100.00	43.92	25.40	30.68	0.00	0.00		
TOTAL	4980		848.488	28.65	48.73	22.63	0.00	0.00	0.00	0.00
Allocation from Long term Bilateral										
CLP Jhajjar(Th)	1320		124.00			100.00				
Mejia-7(Th)	500		105.17		100.00					
Methan(Th)	1050		281.25			100.00				
Surya Kanta(Hyd)			14.00			100.00				
Nanti Hydro			11.45			100.00				

Tutikoren			50.00	100.00						
SECI			60.00	32.93	33.78	33.29				
RUMS - DMRC			99.00	47.98	26.57	25.45				
Sun Edision (From 18.11.2019)			180.00			100.00				
Teranda (HYD) (From 08.1.2020)			12.65			100.00				
BRBCL (From 15.01.2020)			5.00							100
JIPTL										
Alfanar wind SECI- 3(L_NR2020_05,06 & 07)	300		195.50	60.00	20.00	20.00				
TOTAL	3170		1138.02	240.9098	180.34566	678.74455	0	0	0	100
Total	33745		7589	40.29	22.46	32.22	4.36	0.59	0.01	0.07

**POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND
MET DURING JUNE 2021**

Date	Time of peak demand	Generation within Delhi							Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		GT	PPCL	Bawana	TOWMCL	EDWPCL	DMSWL	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	00:01:09	32	151	308	18	0	18	527	4087	4075	12	4614	15	4629
2	23:28:56	33	152	307	19	3	17	531	3620	3579	41	4151	0	4151
3	23:25:38	31	214	312	18	-1	18	592	4112	4195	-83	4704	0	4704
4	00:00:16	31	214	295	19	-1	18	576	4041	4118	-77	4617	0	4617
5	23:29:00	33	268	274	18	3	18	614	3447	3726	-279	4061	0	4061
6	23:20:36	31	267	307	14	-1	16	634	4346	4312	34	4980	0	4980
7	23:19:18	31	265	306	19	0	18	639	4920	4812	108	5559	0	5559
8	23:10:59	30	260	303	17	3	15	628	5278	5257	21	5906	0	5906
9	23:18:11	31	268	303	18	0	17	637	5692	5735	-43	6329	0	6329
10	15:10:41	29	274	292	18	2	16	631	5868	5834	34	6499	0	6499
11	23:19:24	31	267	272	13	2	17	602	5278	5313	-35	5880	0	5880
12	00:00:03	31	268	272	11	3	16	601	5125	4981	144	5726	0	5726
13	23:17:25	33	267	283	12	1	8	604	4543	4546	-3	5147	0	5147
14	23:25:26	31	265	299	12	3	8	618	5094	5128	-34	5712	0	5712
15	15:11:47	30	273	301	18	1	16	639	5205	4983	222	5844	0	5844
16	23:21:45	0	270	316	18	5	16	625	4667	4698	-31	5292	0	5292
17	23:20:44	0	266	318	19	2	17	622	4692	4713	-21	5314	0	5314
18	15:37:02	0	270	307	17	5	17	616	4790	4832	-42	5406	0	5406
19	00:00:17	0	268	310	18	1	17	614	4462	4461	1	5076	0	5076
20	23:17:48	0	266	319	19	3	17	624	4372	4502	-130	4996	0	4996
21	23:24:29	0	299	311	19	0	19	648	5065	5300	-235	5713	0	5713
22	22:59:17	0	295	307	19	0	18	639	5336	5316	20	5975	0	5975
23	23:13:53	0	297	310	17	0	18	642	5709	5551	158	6351	0	6351
24	15:07:16	0	289	303	16	0	17	625	5915	5950	-35	6540	0	6540
25	15:16:56	0	268	302	18	3	16	607	5481	5519	-38	6088	0	6088
26	23:24:23	0	269	307	18	3	17	614	5112	5287	-175	5726	0	5726
27	23:17:54	0	300	309	18	3	8	638	5458	5541	-83	6096	0	6096
28	22:59:21	0	263	308	18	4	7	600	5833	5848	-15	6433	0	6433
29	15:30:38	0	267	299	15	5	7	593	5999	5916	83	6592	0	6592
30	15:10:25	0	280	295	13	0	14	602	6319	6145	174	6921	0	6921

POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING JUNE 2021

Date	Time of peak demand	Generation within Delhi							Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		GT	PPCL	Bawana	TOWMCL	EDW PCL	DMS WL	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	00:01:09	32	151	308	18	0	18	527	4087	4075	12	4614	15	4629
2	23:28:56	33	152	307	19	3	17	531	3620	3579	41	4151	0	4151
3	23:25:38	31	214	312	18	-1	18	592	4112	4195	-83	4704	0	4704
4	00:00:16	31	214	295	19	-1	18	576	4041	4118	-77	4617	0	4617
5	23:29:00	33	268	274	18	3	18	614	3447	3726	-279	4061	0	4061
6	23:20:36	31	267	307	14	-1	16	634	4346	4312	34	4980	0	4980
7	23:19:18	31	265	306	19	0	18	639	4920	4812	108	5559	0	5559
8	23:10:59	30	260	303	17	3	15	628	5278	5257	21	5906	0	5906
9	23:18:11	31	268	303	18	0	17	637	5692	5735	-43	6329	0	6329
10	15:10:41	29	274	292	18	2	16	631	5868	5834	34	6499	0	6499
11	23:19:24	31	267	272	13	2	17	602	5278	5313	-35	5880	0	5880
12	00:00:03	31	268	272	11	3	16	601	5125	4981	144	5726	0	5726
13	23:17:25	33	267	283	12	1	8	604	4543	4546	-3	5147	0	5147
14	23:25:26	31	265	299	12	3	8	618	5094	5128	-34	5712	0	5712
15	15:11:47	30	273	301	18	1	16	639	5205	4983	222	5844	0	5844
16	23:21:45	0	270	316	18	5	16	625	4667	4698	-31	5292	0	5292
17	23:20:44	0	266	318	19	2	17	622	4692	4713	-21	5314	0	5314
18	15:37:02	0	270	307	17	5	17	616	4790	4832	-42	5406	0	5406
19	00:00:17	0	268	310	18	1	17	614	4462	4461	1	5076	0	5076
20	23:17:48	0	266	319	19	3	17	624	4372	4502	-130	4996	0	4996
21	23:24:29	0	299	311	19	0	19	648	5065	5300	-235	5713	0	5713
22	22:59:17	0	295	307	19	0	18	639	5336	5316	20	5975	0	5975
23	23:13:53	0	297	310	17	0	18	642	5709	5551	158	6351	0	6351
24	15:07:16	0	289	303	16	0	17	625	5915	5950	-35	6540	0	6540
25	15:16:56	0	268	302	18	3	16	607	5481	5519	-38	6088	0	6088
26	23:24:23	0	269	307	18	3	17	614	5112	5287	-175	5726	0	5726
27	23:17:54	0	300	309	18	3	8	638	5458	5541	-83	6096	0	6096
28	22:59:21	0	263	308	18	4	7	600	5833	5848	-15	6433	0	6433
29	15:30:38	0	267	299	15	5	7	593	5999	5916	83	6592	0	6592
30	15:10:25	0	280	295	13	0	14	602	6319	6145	174	6921	0	6921

SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR JUNE2021

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

A (i) RPH	0.000
(ii) GT+STG	13.21
(iii) PRAGATI	190.540
(iv) RITHALA	0.000
(v) BAWANA CCGT	223.758
(vi) Timarpur – Okhla	14.290
EDWPCL	2.221
DMSWL	13.157
TOTAL	457.197
B) AVAILABILITY FROM BTPS	-0.021
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	19.039
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	438.137

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	6.131	5.937	6.131	5.937
SALAL	57.139	55.329	57.139	55.329
SASAN	280.754	271.863	279.754	270.895
TANKAPUR	5.297	5.129	5.297	5.129
CHAMERA	22.734	22.016	22.734	22.016
CHAMERA -II	27.719	26.841	27.719	26.841
CHAMERA -III	20.018	19.385	20.018	19.385
DHAULIGANGA	19.112	18.507	19.112	18.507
SEWA -2	0.000	0.000	0.000	0.000
URI	36.708	35.545	36.708	35.545
URI-II	21.651	20.967	21.651	20.967
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	8.406	8.140	8.406	8.140
PARBATI3	10.042	9.725	10.042	9.725
RAMPUR	0.000	0.000	0.000	0.000
ANTA (CRF)	0.000	0.000	0.000	0.000
ANTA (GAS)	0.000	0.000	0.000	0.000
ANTA (RLNG)	18.883	18.284	0.011	0.011
ANTA (LIQUID)	10.572	10.237	0.000	0.000
DADRI (CRF)	6.189	5.993	0.479	0.463
DADRI (GAS)	10.558	10.218	7.629	7.384
DADRI (RLNG)	16.989	16.450	1.056	1.022
DADRI (LIQUID)	27.310	26.451	0.000	0.000
AURAIYA (CRF)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	2.273	2.200	1.588	1.537
AURAIYA (RLNG)	22.230	21.528	0.552	0.534
AURAIYA (LIQUID)	23.948	23.190	0.000	0.000
SINGRAULI	79.894	77.364	76.030	73.623
SINGRAULI_HYDRO	0.650	0.629	0.650	0.629
RIHAND -I	60.008	58.102	54.308	52.585
RIHAND -II	46.908	45.417	43.984	42.586
RIHAND -III	85.511	82.802	80.635	78.082
UNCHAHAHAR-I	13.458	13.032	9.248	8.956
UNCHAHAHAR-II	28.934	28.018	19.212	18.603
UNCHAHAHAR-III	18.728	18.135	12.617	12.218
UNCHAHAHAR-IV	0.000	0.000	0.000	0.000
DADRI (TH)	497.616	481.852	0.071	0.069
DADRI (TH) STAGE-II	493.058	477.437	91.485	88.578
BRBCL (NABIPUR-BIHAR)	2.764	2.677	2.704	2.618
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
NAPP	28.605	27.699	28.605	27.699
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	37.558	36.368	37.558	36.368
NATHPA JHAKRI	100.457	97.285	100.457	97.285
DULASTI	36.204	35.057	36.204	35.057
TEHRI	10.426	10.096	10.073	9.754
JHAJJAR	466.793	452.010	61.959	59.992
KHELGAON	24.865	24.074	20.197	19.555
KHELGAON-II	101.688	98.463	83.410	80.765
FARAKA	13.069	12.656	9.173	8.882
TALA	16.705	16.179	16.705	16.179
DVC	211.937	211.937	211.937	205.228
TUTICORIN - BRPL	18.414	18.414	18.414	17.836
MADHYA PRADESH	19.621	19.621	19.621	19.009
JP NIGRIE (GUJRAT)	31.948	31.948	31.948	30.935
KARNATAKA	2.729	2.729	2.729	2.641
NAGALAND	0.000	0.000	0.000	0.000
GOA	20.058	20.058	20.058	19.431
UTTAR PRADESH	0.514	0.514	0.514	0.498
REGL (ADANI) CHATTISHGARH	0.000	0.000	0.000	0.000
RPREL (ADANI) CHATTISHGARH	13.592	13.592	13.592	13.161
KWHEP (HP)	9.800	9.800	9.800	9.493
SAINJ (HP)	7.500	7.500	7.500	7.263
BGTPP (ASSAM)	0.302	0.302	0.302	0.293
BIHAR	0.328	0.328	0.328	0.317
DBPL (CHATTISHGARH)	64.848	64.848	64.848	62.803
MANIPUR	28.960	28.960	28.960	28.042
RGPPPL(Ratna Giri Power Pvt. Ltd.)	0.000	0.000	0.000	0.000
FSTPP-III (WEST BENGAL)	0.000	0.000	0.000	0.000
SIKKIM	22.700	22.700	22.700	21.981
TAMILNAIDU	93.909	93.909	93.909	90.915
SEIL PROJECT-II(ANDHRA PRADESH)	15.131	15.131	15.131	14.644
MEGHALAYA	10.543	10.543	10.543	10.210
ANDHRA	0.356	0.356	0.356	0.344
JITPL(Jindal Indai Thermal Power Ltd.)	156.173	156.173	156.173	151.235
UTTRAKHAND	72.825	72.825	72.825	70.519
METHON POWER(NDPL)LT-06	177.372	177.372	177.372	171.749
DVC MEJIA (LT-08)(BYPL)	64.570	64.570	64.570	62.523
Acme_RUMS	8.745	8.745	8.745	8.471
Arinsun_RUMS	8.729	8.729	8.729	8.456
Mahindra_RUMS	8.775	8.775	8.775	8.501
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	101.221	101.221	101.221	98.012
HIMACHAL PRADESH	278.859	278.859	278.859	269.988
JHABUA (MP)	0.000	0.000	0.000	0.000
TEESTA-III (West Bengal)	0.000	0.000	0.000	0.000
KERALA	12.450	12.450	12.450	12.062
ARUNACHAL PRADESH	0.221	0.221	0.221	0.214
HIMACHAL PRADESH LT-59 DVC	6.189	6.189	6.189	5.993
HARYANA (LT-05)	53.114	53.114	53.114	51.440
MP(SOLAR RUMS)	23.251	23.251	23.251	22.512
HP TPDDL (NANTI)	7.124	7.124	7.124	6.898
ALFANAR WIND(BRPL) GUJRAT	52.850	52.850	52.850	51.179
ALFANAR WIND(BYPL) (GUJRAT)	17.617	17.617	17.617	17.060
ASE4PL (Adani Green ENERGY U.P.)	12.355	12.355	12.355	11.964
ALFANAR WIND(TPDDL)(GUJRAT)	17.613	17.613	17.613	17.056
ADHPL (HP)	12.450	12.450	12.450	12.055
ODHISHA	0.328	0.328	0.328	0.317
ORISSA MT-20 JITPL -DVC	0.000	0.000	0.000	0.000
WEST BENGAL	0.230	0.230	0.230	0.223
TELENGANA	0.734	0.734	0.734	0.710
RAJASTHAN(SOLAR) BRPL-LT36	3.742	3.742	3.742	3.623
RAJASTHAN(SOLAR) BYPL - LT-35	3.624	3.624	3.624	3.509
RAJASTHAN(SOLAR) TPDDL LT-31	3.573	3.573	3.573	3.459
HP TARANDA (RAILWAYS)	7.578	7.578	7.578	7.339

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
TO NAGALAND	0.000	0.000	0.000	0.000
TO ANDHRA	0.000	0.000	0.000	0.000
TO UTTARAKHAND	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO MEGHALAYA	0.000	0.000	0.000	0.000
TO KERALA	0.000	0.000	0.000	0.000
TO ODISHA	0.000	0.000	0.000	0.000
TO TAMILNAIDU	0.000	0.000	0.000	0.000
TO UP	0.000	0.000	0.000	0.000
TO CHATTISHGARH	0.000	0.000	0.000	0.000
TO MANIPUR	0.000	0.000	0.000	0.000
TO ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	0.000	0.000	0.000	0.000
TO GUJRAT	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	123.300	119.421	123.300	119.421
TO POWER EXCHANGE (IEX)	-171.485	-177.202	-171.485	-177.202
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)	-20.071	-20.728	-20.071	-20.728
TO SHARE PROJECT (PUNJAB)	-19.937	-20.589	-19.937	-20.589
REAL TIME MANAGEMENT (RTM)	58.004	56.167	58.004	56.167
TO REAL TIME MANAGEMENT (RTM)	-89.366	-92.297	-89.366	-92.297
TOTAL	4384.511	4279.563	2887.259	2776.342

AGENCY WISE BREAKUP OF ENERGY SCHEDULED DRAWAL 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	1466.483	1420.018	402.260	389.499
NTPC - ER	139.622	135.192	112.781	109.203
NHPC	262.756	254.440	262.756	254.440
NPC	66.164	64.067	66.164	64.067
SASAN	280.754	271.863	279.754	270.895
KOTESHWAR	8.406	8.140	8.406	8.140
NATHPA JHAKRI	100.457	97.285	100.457	97.285
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
TEHRI	10.426	10.096	10.073	9.754
TALA	16.705	16.179	16.705	16.179
JHAJJAR	466.793	452.010	61.959	59.992
RAJASTHAN SOLAR(BRPL)T-36	3.742	3.742	3.742	3.623
RAJASTHAN SOLAR(BYPL)T-35	3.624	3.624	3.624	3.509
RAJASTHAN SOLAR(TPDDL)T-31	3.573	3.573	3.573	3.459
DVC	211.937	211.937	211.937	205.228
TUTICORIN BRPL	18.414	18.414	18.414	17.836
MADHYA PRADESH	19.621	19.621	19.621	19.009
JP NIGRIE (GUJRAT)	31.948	31.948	31.948	30.935
KARNATAKA	2.729	2.729	2.729	2.641
NAGALAND	0.000	0.000	0.000	0.000
GOA	20.058	20.058	20.058	19.431
UTTAR PRADESH	0.514	0.514	0.514	0.498
REGL (ADANI) CHATTISHGARH	0.000	0.000	0.000	0.000
RPREL (ADANI)CHATTISHGARH	13.592	13.592	13.592	13.161
KWHEP (HP)	9.800	9.800	9.800	9.493
SAINJ (HP)	7.500	7.500	7.500	7.263
BGTTP (ASSAM)	0.302	0.302	0.302	0.293
BIHAR	0.328	0.328	0.328	0.317
DBPL (CHATTISHGARH)	64.848	64.848	64.848	62.803
MANIPUR	28.960	28.960	28.960	28.042
RGPPPL(Ratna Giri Power Pvt. Ltd.)	0.000	0.000	0.000	0.000
FSTPP -III (WEST BENGAL)	0.000	0.000	0.000	0.000
SIKKIM	22.700	22.700	22.700	21.981
TAMILNAIDU	93.909	93.909	93.909	90.915
SEIL PROJECT-II (ANDHRA PRADESH)	15.131	15.131	15.131	14.644
MEGHALAYA	10.543	10.543	10.543	10.210
ANDHRA	0.356	0.356	0.356	0.344

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
JITPL(Jindal Indai Thermal Power Ltd.)	156.173	156.173	156.173	151.235
UTTRAKHAND	72.825	72.825	72.825	70.519
METHON POWER (NDPL)-LT-06	177.372	177.372	177.372	171.749
DVC MEJIA (LT-08)(BYPL)	64.570	64.570	64.570	62.523
Acme_RUMS	8.745	8.745	8.745	8.471
Arinsun_RUMS	8.729	8.729	8.729	8.456
Mahindra_RUMS	8.775	8.775	8.775	8.501
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	101.221	101.221	101.221	98.012
HIMACHAL PRADESH	278.859	278.859	278.859	269.988
JHABUA (MP)	0.000	0.000	0.000	0.000
TEESTA -III (SIKKIM)	0.000	0.000	0.000	0.000
KERALA	12.450	12.450	12.450	12.062
ARUNACHAL PRADESH	0.221	0.221	0.221	0.214
HP LT-59 DVC(SURYA KANTA)	6.189	6.189	6.189	5.993
HARYANA (LT -05)	53.114	53.114	53.114	51.440
ADHPL (HP)	12.450	12.450	12.450	12.055
ODISHA	0.328	0.328	0.328	0.317
ORISSA MT-20 JITPL -DVC	0.000	0.000	0.000	0.000
WEST BENGAL	0.230	0.230	0.230	0.223
TELENGANA	0.734	0.734	0.734	0.710
MP(SOLAR RUMS)	23.251	23.251	23.251	22.512
HP TPDDL (NANTI)	7.124	7.124	7.124	6.898
HP TRANDA (RAILWAYS)	7.578	7.578	7.578	7.339
ALFANAR WIND(BRPL)	52.850	52.850	52.850	51.179
ALFANAR WIND(BYPL)	17.617	17.617	17.617	17.060
ASE4PL (Adani Green ENERGY U.P.)	12.355	12.355	12.355	11.964
ALFANAR WIND(TPDDL)	17.613	17.613	17.613	17.056
POWER EXCHANGE(IEX)	123.300	119.421	123.300	119.421
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
REAL TIME MANAGEMENT (RTM)	58.004	56.167	58.004	56.167
TOTAL	4685.369	4590.378	3188.117	3087.157

AGENCY WISE BREAKUP OF ENERGY SCHEDULED BY NRLDC FOR EXPORT TO OTHER UTILITIES FROM DELHI

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
TO NAGALAND	0.000	0.000	0.000	0.000
TO ANDHRA	0.000	0.000	0.000	0.000
TO UTTRAKHAND	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO KERALA	0.000	0.000	0.000	0.000
TO MEGHALAYA	0.000	0.000	0.000	0.000
TO ORIDSHA	0.000	0.000	0.000	0.000
TO TAMILNAIDU	0.000	0.000	0.000	0.000
TO UP	0.000	0.000	0.000	0.000
TO CHATTISHGARH	0.000	0.000	0.000	0.000
TO MANIPUR	0.000	0.000	0.000	0.000
TO ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	0.000	0.000	0.000	0.000
TO GUJRAT	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-171.485	-177.202	-171.485	-177.202
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-20.071	-20.728	-20.071	-20.728
TO SHARE PROJECT (PUNJAB)	-19.937	-20.589	-19.937	-20.589
TO REAL TIME MANAGEMENT (RTM)	-89.366	-92.297	-89.366	-92.297
TOTAL	-300.858	-310.815	-300.858	-310.815
TOTAL SCHEDULED DRAWAL FROM THE GRID	4384.511	4279.563	2887.259	2776.342

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs		3305.589
NET CONSUMPTION		3286.550
AVAILABILITY WITHIN DELHI		438.137
ACTUAL DRAWAL FROM THE GRID		2848.413
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY		72.071
LOAD SHEDDING		0.920
UNRESTRICTED DEMAND (GROSS)		3306.509
UNRESTRICTED DEMAND (NET)		3287.470
MAX. NET CONSUMPTION		137.195 On 30.06.21
MAX. LOAD SHEDDING		326 MW ON 04.06.2021 AT 17.37 HRS.
PEAK LOAD	Peak Demand during the month	SHEDDING AT PEAK TIME
DAY PEAK	6921 MW AT 15.10.25 HRS ON 30.06.2021	NIL.
EVENING PEAK	6820 MW AT 29.00 HRS ON 30.06.2021	NIL

8. SHEDDING DETAILS DURING THE MONTH OF JUNE 2021.

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		TPDDL	NDMC	TOTAL	BSES		TPDDL	NDMC	MES
		BYPL	BRPL				BYPL	BRPL			
1	2	3	4	5	6	7=3 to 6	8	9	10	11	12
01-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13-06-21	0	0.0000	0.0000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30-06-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0	0.000	0.000	0.000	0.000	0.0000	0.000	0.000	0.000	0.000	0.000

Date	Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VOILATION				DUE TO NEW GRID CODE REGULATION DEVIATION			Shedding due to Transmission/Grid Constraints in Central sector stations				Total	Total shedding due to grid restrictions
	BSES		TPDDL	NDMC	BSES		TPDDL	BSES		TPDDL	NDMC		
	BYPL	BRPL			BYPL	BRPL		BYPL	BRPL				
1	13	14	15	16	17	18	19	20	21	22	23	24=8 to 23	25=7+24
01-06-21	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
02-06-21	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
03-06-21	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
04-06-21	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
05-06-21	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
06-06-21	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
07-06-21	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
08-06-21	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
09-06-21	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
10-06-21	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
11-06-21	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
12-06-21	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
13-06-21	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
14-06-21	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
15-06-21	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
16-06-21	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
17-06-21	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
18-06-21	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
19-06-21	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
20-06-21	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
21-06-21	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
22-06-21	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
23-06-21	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
24-06-21	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
25-06-21	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
26-06-21	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
27-06-21	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
28-06-21	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
29-06-21	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
30-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Date	DUE TO T&D CONSTRAINTS IN DELHI SYSTEM								
	DTL					DISCOMS			
	BSES		TPDDL	NDMC	MES	BSES		TPDDL	NDMC
	BYPL	BRPL				BYPL	BRPL		
1	26	27	28	29	30	31	32	33	34
01-06-21	0.000000	0.057134	0.033510	0.000000	0.000	0.026	0.025	0.037	0.000
02-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.001	0.003	0.000
03-06-21	0.000000	0.000000	0.004513	0.000000	0.000	0.000	0.006	0.001	0.000
04-06-21	0.012250	0.036153	0.096375	0.000000	0.000	0.000	0.040	0.012	0.000
05-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.007	0.002	0.000
06-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.000	0.000
07-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.003	0.000	0.000
08-06-21	0.000000	0.010149	0.012173	0.000000	0.000	0.000	0.000	0.000	0.000
09-06-21	0.000000	0.028470	0.000000	0.000000	0.000	0.000	0.054	0.000	0.000
10-06-21	0.001400	0.011900	0.006608	0.000000	0.000	0.000	0.057	0.002	0.000
11-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.002	0.000	0.000
12-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.045	0.001	0.000
13-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.002	0.000	0.000
14-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.002	0.000	0.000
15-06-21	0.000000	0.005600	0.000000	0.000000	0.000	0.000	0.003	0.000	0.000
16-06-21	0.000000	0.004367	0.000000	0.000000	0.000	0.000	0.000	0.004	0.000
17-06-21	0.000000	0.058087	0.000000	0.000000	0.000	0.000	0.011	0.000	0.000
18-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.003	0.000	0.000
19-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.000	0.000
20-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.028	0.000	0.000	0.000
21-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.020	0.000	0.000
22-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.002	0.000
23-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.001	0.000
24-06-21	0.001200	0.050567	0.000842	0.000000	0.000	0.000	0.016	0.002	0.000
25-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.000	0.000
26-06-21	0.004785	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.000	0.000
27-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.004	0.001	0.000
28-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.000	0.000
29-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.007	0.000	0.000
30-06-21	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.008	0.000
	0.0196	0.2624	0.1540	0.0000	0.0000	0.0543	0.3093	0.0763	0.0000

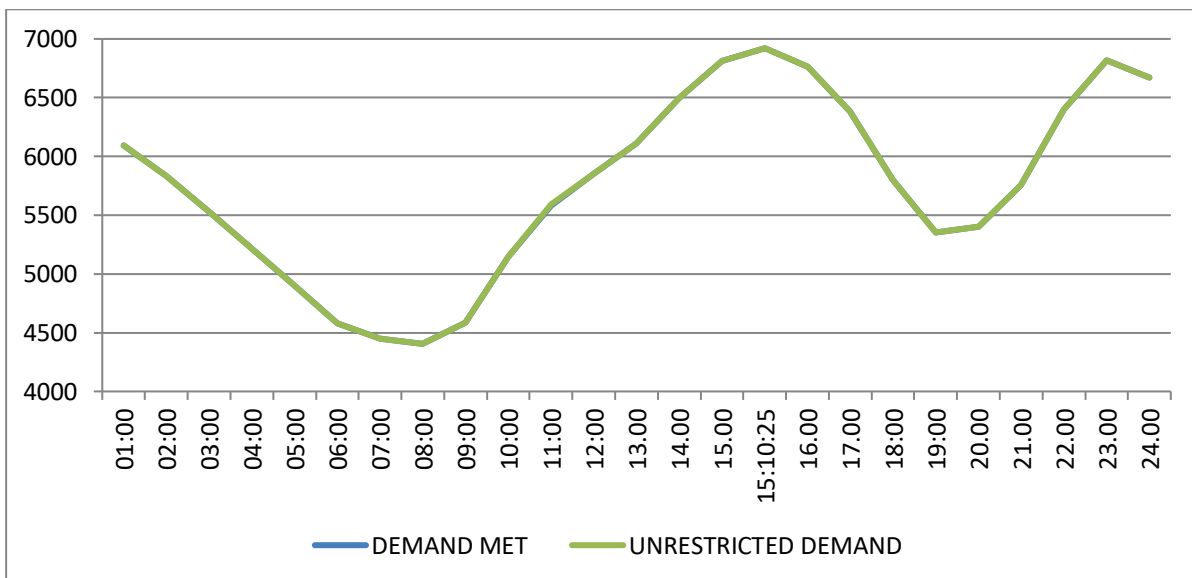
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE 42= 26 to 41	GRAND TOTAL 43 = 25 + 42
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41		
01-06-21	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.2030	0.2030
02-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0040	0.0040
03-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0120	0.0120
04-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.1972	0.1972
05-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0088	0.0088
06-06-21	0.000	0.003	0.001	0.000	0.000	0.000	0.000	0.0045	0.0045
07-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0031	0.0031
08-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0223	0.0223
09-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0826	0.0826
10-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0793	0.0793
11-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0021	0.0021
12-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0458	0.0458
13-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0021	0.0021
14-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0020	0.0020
15-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0085	0.0085
16-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0082	0.0082
17-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0693	0.0693
18-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0034	0.0034
19-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000
20-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0281	0.0281
21-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0202	0.0202
22-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0021	0.0021
23-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0006	0.0006
24-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0704	0.0704
25-06-21	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.0163	0.0163
26-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0048	0.0048
27-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0044	0.0044
28-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000
29-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0074	0.0074
30-06-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0082	0.0082
	0.0238	0.0195	0.0012	0.0000	0.0000	0.0000	0.0000	0.920	0.920

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
01-06-21	77.074	4614	00:01:09	15	4629	4629	00:01:09	4614	15
02-06-21	83.179	4151	23:28:56	0	4151	4151	23:28:56	4151	0
03-06-21	89.311	4704	23:25:38	0	4704	4704	23:25:38	4704	0
04-06-21	92.109	4617	00:00:16	0	4617	4617	00:00:16	4617	0
05-06-21	83.171	4061	23:29:00	0	4061	4061	23:29:00	4061	0
06-06-21	85.898	4980	23:20:36	0	4980	4980	23:20:36	4980	0
07-06-21	104.780	5559	23:19:18	0	5559	5559	23:19:18	5559	0
08-06-21	113.004	5906	23:10:59	0	5906	5906	23:10:59	5906	0
09-06-21	123.795	6329	23:18:11	0	6329	6329	23:18:11	6329	0
10-06-21	128.363	6499	15:10:41	0	6499	6499	15:10:41	6499	0
11-06-21	114.679	5880	23:19:24	0	5880	5880	23:19:24	5880	0
12-06-21	112.228	5726	00:00:03	0	5726	5726	00:00:03	5726	0
13-06-21	97.097	5147	23:17:25	0	5147	5147	23:17:25	5147	0
14-06-21	112.469	5712	23:25:26	0	5712	5712	23:25:26	5712	0
15-06-21	114.002	5844	15:11:47	0	5844	5844	15:11:47	5844	0
16-06-21	108.779	5292	23:21:45	0	5292	5292	23:21:45	5292	0
17-06-21	108.679	5314	23:20:44	0	5314	5314	23:20:44	5314	0
18-06-21	110.096	5406	15:37:02	0	5406	5406	15:37:02	5406	0
19-06-21	103.522	5076	00:00:17	0	5076	5076	00:00:17	5076	0
20-06-21	98.449	4996	23:17:48	0	4996	4996	23:17:48	4996	0
21-06-21	110.871	5713	23:24:29	0	5713	5713	23:24:29	5713	0
22-06-21	118.916	5975	22:59:17	0	5975	5975	22:59:17	5975	0
23-06-21	124.636	6351	23:13:53	0	6351	6351	23:13:53	6351	0
24-06-21	125.391	6540	15:07:16	0	6540	6540	15:07:16	6540	0
25-06-21	118.549	6088	15:16:56	0	6088	6088	15:16:56	6088	0
26-06-21	114.036	5726	23:24:23	0	5726	5726	23:24:23	5726	0
27-06-21	114.299	6096	23:17:54	0	6096	6096	23:17:54	6096	0
28-06-21	128.909	6433	22:59:21	0	6433	6433	22:59:21	6433	0
29-06-21	133.064	6592	15:30:38	0	6592	3995	15:30:38	6592	0
30-06-21	137.195	6921	15:10:25	0	6921	4008	15:10:25	6921	0
	3286.550	6921	15:10:25	0	6921	6921	15:10:25	6921	0
		30.06.21			30.06.21				

9. **LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING JUNE 2021 ON 30.06.2021 - 6921 MW AT 15.10.25HRS.**

All figures in MW

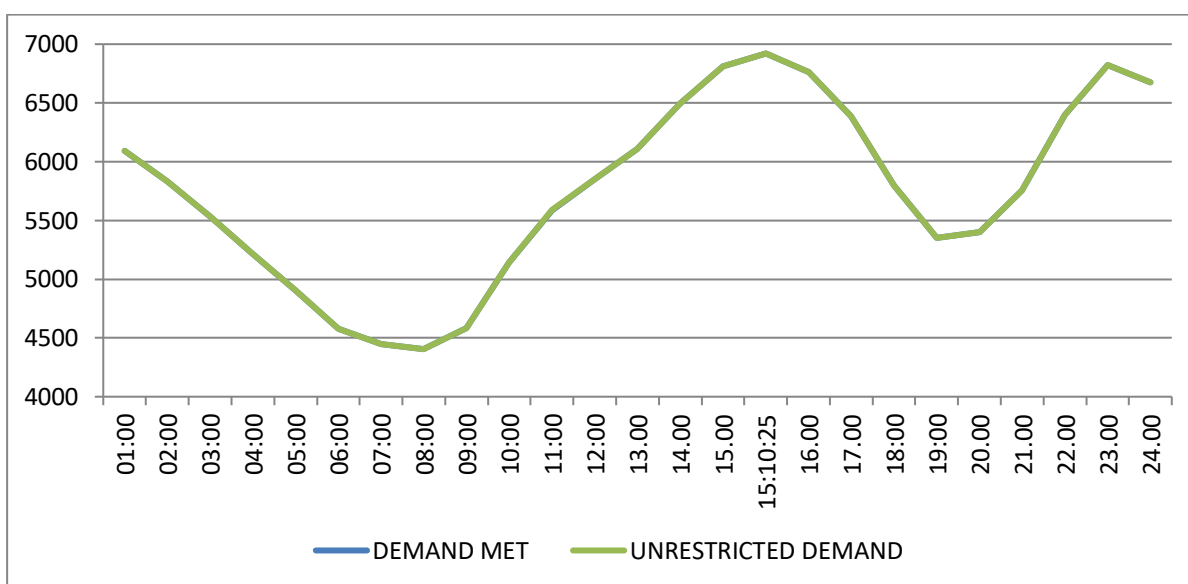
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	6093	0	6093
02:00	5832	0	5832
03:00	5529	0	5529
04:00	5218	0	5218
05:00	4903	0	4903
06:00	4577	0	4577
07:00	4449	0	4449
08:00	4405	0	4405
09:00	4582	0	4582
10:00	5144	0	5144
11:00	5584	8	5592
12:00	5854	0	5854
13:00	6107	0	6107
14:00	6497	0	6497
15:00	6812	0	6812
15:10:25	6921	0	6921
16:00	6764	0.0	6764
17:00	6385	0	6385
18:00	5798	0	5798
19:00	5354	0	5354
20:00	5403	0	5403
21:00	5757	0	5757
22:00	6400	0	6400
23:00	6820	0	6820
24:00	6673	0	6673
Total (IN MUS)	137.195	0.008	137.2032



10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING JUNE 2021 ON 30.06.2021 - 6921 MW AT 15.10.25 HRS.

All figures in MW

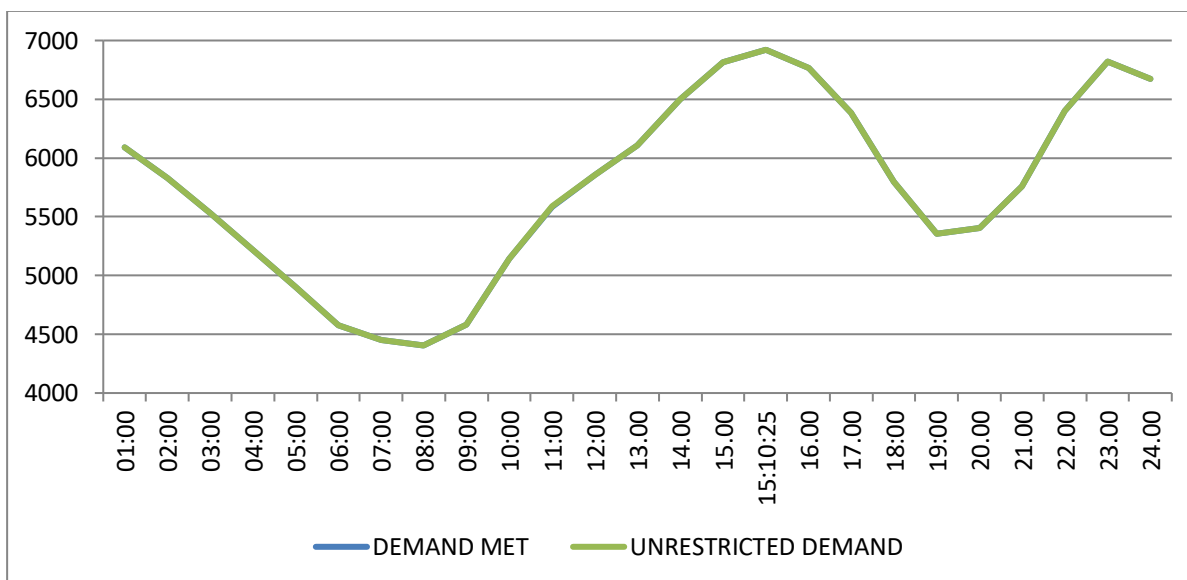
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	6093	0	6093
02:00	5832	0	5832
03:00	5529	0	5529
04:00	5218	0	5218
05:00	4903	0	4903
06:00	4577	0	4577
07:00	4449	0	4449
08:00	4405	0	4405
09:00	4582	0	4582
10:00	5144	0	5144
11:00	5584	8	5592
12:00	5854	0	5854
13:00	6107	0	6107
14:00	6497	0	6497
15:00	6812	0	6812
15:10:25	6921	0	6921
16:00	6764	0.0	6764
17:00	6385	0	6385
18:00	5798	0	5798
19:00	5354	0	5354
20:00	5403	0	5403
21:00	5757	0	5757
22:00	6400	0	6400
23:00	6820	0	6820
24:00	6673	0	6673
Total (IN MUS)	137.195	0.008	137.2032



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING JUNE 2021 – 30.06.2021 – 137.195 Mus

All figures in MW

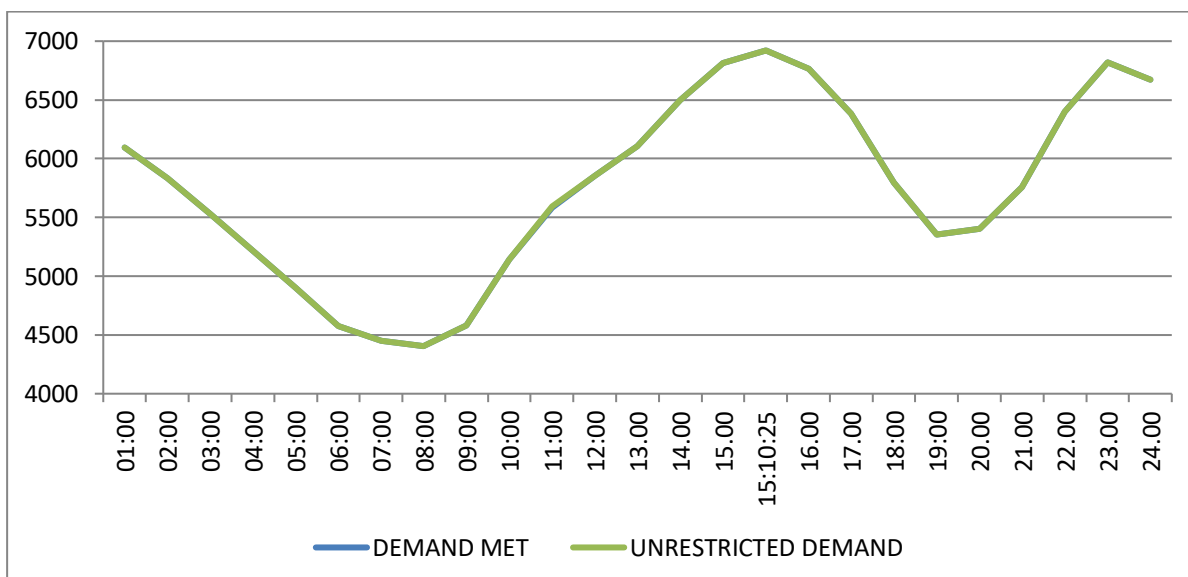
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	6093	0	6093
02:00	5832	0	5832
03:00	5529	0	5529
04:00	5218	0	5218
05:00	4903	0	4903
06:00	4577	0	4577
07:00	4449	0	4449
08:00	4405	0	4405
09:00	4582	0	4582
10:00	5144	0	5144
11:00	5584	8	5592
12:00	5854	0	5854
13:00	6107	0	6107
14:00	6497	0	6497
15:00	6812	0	6812
15:10:25	6921	0	6921
16:00	6764	0.0	6764
17:00	6385	0	6385
18:00	5798	0	5798
19:00	5354	0	5354
20:00	5403	0	5403
21:00	5757	0	5757
22:00	6400	0	6400
23:00	6820	0	6820
24:00	6673	0	6673
Total (IN MUS)	137.195	0.008	137.2032



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING JUNE 2021 – ON 30.06.2021 – 137.203 MUs

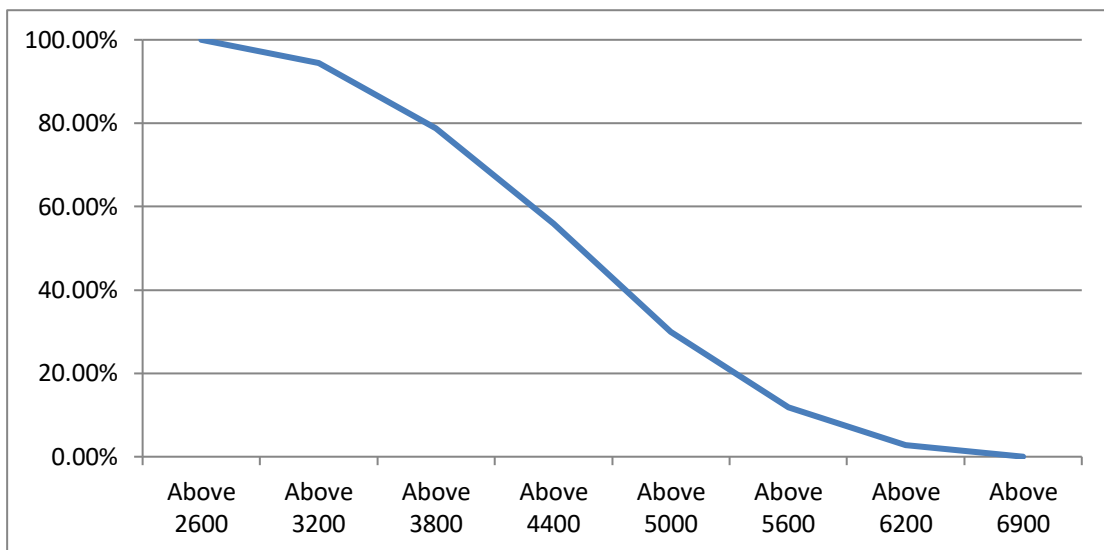
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	6093	0	6093
02:00	5832	0	5832
03:00	5529	0	5529
04:00	5218	0	5218
05:00	4903	0	4903
06:00	4577	0	4577
07:00	4449	0	4449
08:00	4405	0	4405
09:00	4582	0	4582
10:00	5144	0	5144
11:00	5584	8	5592
12:00	5854	0	5854
13:00	6107	0	6107
14:00	6497	0	6497
15:00	6812	0	6812
15:10:25	6921	0	6921
16:00	6764	0.0	6764
17:00	6385	0	6385
18:00	5798	0	5798
19:00	5354	0	5354
20:00	5403	0	5403
21:00	5757	0	5757
22:00	6400	0	6400
23:00	6820	0	6820
24:00	6673	0	6673
Total (IN MUS)	137.195	0.008	137.2032



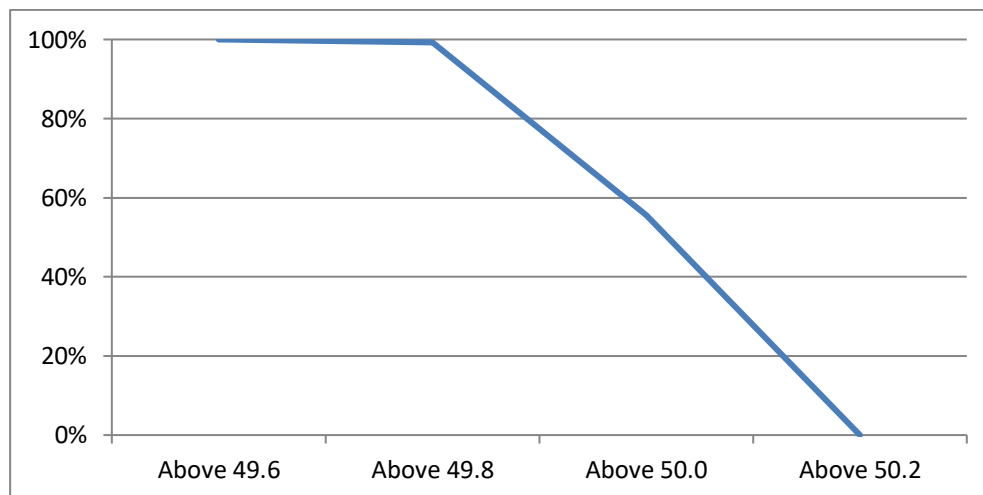
13 LOAD DURATION CURVE FOR JUNE 2021

Load in MW	Percentage of Time
Above 2600	100.00%
Above 3200	94.41%
Above 3800	78.75%
Above 4400	55.97%
Above 5000	29.90%
Above 5600	11.77%
Above 6200	2.78%
Above 6900	0.01%



14 FREQUENCY ANALYSIS FOR THE MONTH OF JUNE 2021

FREQUENCY REMAINED ABOVE IN MW	(%) OF TIME
Above 49.6	100%
Above 49.8	99.27%
Above 50.0	55.49%
Above 50.2	0.00%



15 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING JUNE 2021

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-06-21	236.35	217.89	235.18	217.7
02-06-21	231.88	--	231.92	219.16
03-06-21	230.38	216.35	229.69	216.5
04-06-21	229.77	217.34	228.89	215.69
05-06-21	232.11	218.54	229.31	217.29
06-06-21	229.76	215.39	229.69	216.07
07-06-21	225.76	212.89	226.7	214.15
08-06-21	227.92	213.04	228.72	213.65
09-06-21	225.69	213.2	227.83	214.74
10-06-21	228.27	212.71	229.34	214.88
11-06-21	227.82	213.6	226.55	212.96
12-06-21	231.17	219.73	228.45	219.29
13-06-21	230.99	217.07	227.35	213.84
14-06-21	228.05	211.22	224.97	211.49
15-06-21	225.58	211.6	227.56	213.48
16-06-21	229.05	213.38	228.47	214.58
17-06-21	227.88	213.9	227.28	214.03
18-06-21	228.05	215.72	226.74	214.55
19-06-21	225.3	215.83	228.68	216.66
20-06-21	232.73	216.72	230.75	215.88
21-06-21	227.38	215.18	226.53	215.25
22-06-21	228.75	213.75	226.26	213.03
23-06-21	228.39	214.95	225.65	213.46
24-06-21	228.63	215.46	226.28	214.09
25-06-21	228.95	213.48	225.55	211.14
26-06-21	229.99	216.04	227.03	213.14
27-06-21	229.12	216.33	225.42	212.94
28-06-21	229.98	214.07	226.11	213.94
29-06-21	229.7	214.46	226.59	213.23
30-06-21	229.95	214.42	226.43	212.38

16 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING JUNE 2021

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-06-21	428.54	1:22:01	395.58	22:15:49	409.69
02-06-21	422.86	7:57:08	397.75	22:28:38	409.22
03-06-21	418.68	3:58:14	392.75	23:05:58	407.97
04-06-21	420.85	7:39:02	393.78	23:10:05	407.18
05-06-21	418.38	17:39:02	397.73	00:06:49	407.65
06-06-21	418.53	7:01:20	393.8	22:40:26	409.16
07-06-21	414.77	18:06:48	388.38	22:39:41	403.85
08-06-21	419.07	7:50:47	386.97	22:12:28	404.65
09-06-21	416.38	7:01:02	389.45	22:12:27	403.17
10-06-21	418.86	23:35:48	394.19	22:22:04	405.69
11-06-21	413.42	8:02:23	386.91	22:36:06	403.51
12-06-21	418.21	4:01:30	397.8	11:45:33	408.08
13-06-21	416.52	8:05:42	392.59	22:30:25	408.16
14-06-21	412.89	5:01:05	389.99	22:24:15	404.06
15-06-21	413.96	8:02:03	394.66	11:19:53	402.94
16-06-21	411.56	18:01:56	394.45	21:29:10	400.78
17-06-21	418.38	4:03:04	393.98	22:42:26	407.21
18-06-21	417.32	7:01:07	394.72	23:12:17	405.82
19-06-21	420.08	7:01:28	398.99	23:09:26	408
20-06-21	423.55	7:01:18	396.38	23:12:10	410.45
21-06-21	416.56	7:31:21	395.2	14:19:15	404.29
22-06-21	415.75	8:00:55	391.85	12:16:03	403.6
23-06-21	415.89	6:03:43	393.7	22:06:31	404.52
24-06-21	418.48	6:02:00	394.62	00:11:59	406.02
25-06-21	418.78	19:01:44	392.72	14:35:46	406.7
26-06-21	419.83	6:02:35	394.82	23:09:21	406.94
27-06-21	419.07	7:02:11	396.43	22:23:38	408.1
28-06-21	417.94	7:00:30	396.66	14:23:53	406.14
29-06-21	420.26	6:04:25	396.22	23:08:09	407.23
30-06-21	420.75	6:03:02	393.85	14:27:48	405.22

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-06-21	428.2	1:22:00	395.87	22:50:39	413.32
02-06-21	422.92	8:00:12	399.37	22:50:42	411.86
03-06-21	419.05	7:31:19	394.73	23:05:55	407.84
04-06-21	419.72	7:38:55	394.79	09:48:57	405.99
05-06-21	416.92	7:05:56	394.74	22:15:09	405.46
06-06-21	417.7	6:51:37	395.88	22:40:06	406.96
07-06-21	414.28	6:18:25	392.49	11:19:44	402.94
08-06-21	416.49	6:03:33	392.63	22:06:12	405.08
09-06-21	417.65	6:51:51	389.32	23:07:21	401.53
10-06-21	418.45	23:35:51	395.29	22:03:56	405.35
11-06-21	414.47	8:02:23	388.63	22:37:52	403.38
12-06-21	416.92	8:02:41	396.82	00:00:10	407.72
13-06-21	414.36	7:31:37	394.82	22:53:35	407
14-06-21	412.52	6:01:34	391.13	22:34:27	403.09
15-06-21	417.4	18:35:13	393.7	11:19:54	404.35
16-06-21	418.25	7:03:38	392.55	21:29:06	404.3
17-06-21	415.81	7:01:18	394.15	22:42:23	405.42
18-06-21	416.69	7:01:13	393.99	23:12:17	404.21
19-06-21	419.02	7:01:25	397.24	00:07:50	406.93
20-06-21	420.92	7:01:55	400.03	00:03:22	409.99
21-06-21	414.81	5:02:46	396.77	12:15:29	405.46
22-06-21	413.71	8:00:42	393.4	12:25:37	404.31
23-06-21	414.66	18:03:54	394.11	23:35:12	403.91
24-06-21	415.69	6:01:52	394.46	00:11:54	404.4
25-06-21	417.29	7:01:22	393.98	12:27:08	405.62
26-06-21	418.66	6:03:25	396.63	12:13:47	407.61
27-06-21	416.08	6:02:13	399.3	12:18:51	407.17
28-06-21	415.2	7:00:32	396.34	10:20:25	405.23
29-06-21	415.43	7:00:32	396.04	11:39:23	405.35
30-06-21	413.97	6:02:48	392.96	12:20:57	402.02

DETAILS OF BREAK-DOWNS / TRIPPING DURING THE MONTH OF JUNE 2021

SL N O	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	01.06.21	00:37	220kv PRAGATI - SARITA VIHAR CKT - I	01.06.21	2:13	AT SARITA VIHAR : DIST PROT, 186A&B AT PRAGATI, DIST PROT, ZONE-I, DIST 13.44KM.
2	01.06.21	00:39	220KVBAWANA- ROHINI CKT-II	01.06.21	10:32	AT ROHINI-I : RY PHGASE, DIST PROT, DIFFERENTIAL.
3	01.06.21	00:52	MUNDKA 400/220kv 315MVA ICT-IV	01.06.21	15:42	86A&B, LA DAMAGED, DIFFERENTIAL.
4	01.06.21	01:04	BAWANA 400/220kv 315MVA ICT-IV	01.06.21	09:53	86
5	01.06.21	01:17	220kv WAZIRABAD - KASHMERE GATE CKT-I	01.06.21	10:52	AT WAZIRABAD : DIST PROT, ZONE-I, DIST 243MTS.
6	01.06.21	01:18	HARSH VIHAR 400/220kv 315MVA ICT-II	01.06.21	08:15	RYB PHASE, O/C.
7	01.06.21	10:15	400kv Dadri-Harsh Vihar Ckt-I	01.06.21	10:35	AT HARSH VIHAR : 86.
8	01.06.21	13:50	INDRAPRASTHA POWER 220/33kv 100MVA Tx-III	01.06.21	15:55	E/F, O/C.
9	01.06.21	18:20	WAZIRABAD 220/66kv 100MVA Tx-I	01.06.21	22:13	E/F, 86.
10	03.06.21	23:12	220kv MUNDKA-KANJHAWALA CKT	04.06.21	14:30	AT MUNDKA : DIST PROT, ZONE-II, DIST 19.28KM, R&B PHASE. AT KHANJAWALA : DIST PROT, ZONE-I, R&B PHASE.
11	04.06.21	13:51	220KV BAWANA-SHALIMARBAGH CKT-II	04.06.21	14:36	AT BAWANA : DIST PROT, DIST 11.4KM, 86.
12	04.06.21	13:52	220kv SHALIMAR BAGH - DMRC CKT	04.06.21	18:00	AT SHALIMARBAGH : O/C, E/F.
13	04.06.21	14:01	220kv OKHLA - BTPS CKT. - II	04.06.21	14:12	AT BTPS : TRIPPING OF BUS-II, DIFFERENTIAL BUS ZONE-II FAULT.
14	04.06.21	14:01	220kv SARITA VIHAR - BTPS CKT.-I	04.06.21	14:12	AT BTPS : TRIPPING OF BUS-II, DIFFERENTIAL BUS ZONE-II FAULT.
15	04.06.21	17:13	400kv Bamnauli-Jhatikara Ckt-I	05.06.21	14:56	AT BAMNAULI : DIST PROT, ZONE-I, DIST 5.788KM.
16	04.06.21	17:33	220kv MAHARANI BAGH - LODHI ROAD CKT-II	04.06.21	21:55	AT MAHARANI BAGH : DIST PROT, DIST 2.3KM.
17	04.06.21	17:35	220kv NARAINA-RIDGE VALLEY CKT-I	04.06.21	18:45	AT RIDGE VALLEY : TRIPPED WITHOUT INDICATION.
18	04.06.21	17:38	220kv GOPALPUR-SUBZI MANDI CKT-II	04.06.21	17:53	AT SUBZI MANDI : TRIPPED WITHOUT INDICATION.
19	04.06.21	17:38	220kv GOPALPUR-SUBZI MANDI CKT-I	04.06.21	17:53	AT SUBZI MANDI : TRIPPED WITHOUT INDICATION.
20	04.06.21	17:38	GOPALPUR 220/33kv 100MVA Tx-III	04.06.21	17:53	TRIPPED WITHOUT INDICATION.
21	04.06.21	17:38	PARKSTREET 220/33kv 100MVA Tx-II	04.06.21	18:55	86
22	04.06.21	17:38	GOPALPUR 220/33kv 100MVA Tx-I	04.06.21	17:53	TRIPPED WITHOUT INDICATION.
23	04.06.21	17:38	KANJHAWALA 220/66kv 100MVA Tx-I	05.06.21	10:25	RYB PHASE, DIFFERENTIAL.
24	04.06.21	17:45	220 KV GOPALPUR-WAZIRABAD CKT - 1	04.06.21	20:07	AT WAZIRABAD : DIST PROT, ZONE-I, DIST 345.6MTS.
25	04.06.21	17:55	GOPALPUR 33/11kv, 16MVA Tx-II	04.06.21	18:54	TRIPPED WITHOUT INDICATION.
26	04.06.21	17:55	OKHLA 220/33kv 100MVA Tx-V	04.06.21	19:45	86
27	05.06.21	01:18	SUBZI MANDI 33/11kv, 16MVA Tx-I	05.06.21	13:30	E/F.
28	05.06.21	16:55	400kv Bamnauli-Jhatikara Ckt-I	06.06.21	1:52	AT BAMNAULI : DIST PROT, ZONE-I, DIST 367MTS.
29	07.06.21	13:29	220kv NARELA - MANDOLA CKT-II	07.06.21	16:24	AT NARELA : DIFFERENTIAL, 86ABC.
30	08.06.21	00:28	220KV MUNDKA-PEERAGARHI CKT-II	08.06.21	0:32	AT PEERAGARHI : SPARKING OBSERVED.
31	08.06.21	10:45	PREETVIHAR 220/33kv 100MVA Tx-I	08.06.21	11:05	MASTER RELAY.
32	08.06.21	13:35	220kv MUNDKA-KANJHAWALA CKT	08.06.21	16:45	AT MUNDKA : DIST PROT, ZONE-I, DIST 8.27KM.
33	09.06.21	05:27	SARITA VIHAR 220/66kv 100MVA Tx-III	09.06.21	07:10	E/F.
34	09.06.21	05:27	SARITA VIHAR 220/66kv 100MVA Tx-I	09.06.21	05:45	E/F.
35	09.06.21	05:27	SARITA VIHAR 220/66kv 100MVA Tx-II	09.06.21	05:45	DIFFERENTIAL, 86.
36	09.06.21	19:06	PAPPANKALAN-II 220/66kv 100MVA Tx-II	09.06.21	19:42	E/F, O/C.
37	10.06.21	22:57	220kv BAMNAULI-PAPPANKALAN-I CKT-II	10.06.21	23:51	AT BAMNAULI : DIST PROT, ZONE-II.
38	11.06.21	05:19	HARSH VIHAR 400/220kv 315MVA ICT-III	11.06.21	12:03	BUCHOLZ.
39	13.06.21	05:59	HARSH VIHAR 220/66KV 160MVA ICT-1	13.06.21	06:16	86
40	16.06.21	06:50	220KV GOPALPUR- MANDOLACKT-I	16.06.21	07:50	TRIPPED WITHOUT INDICATION.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
41	17.06.21	04:08	NARELA 220/66kv 100MVA Tx-I	17.06.21	09:57	DIFFERENTIAL,86.
42	17.06.21	12:03	BAWANA 400/220kv 315MVA ICT-III	17.06.21	12:34	296
43	17.06.21	12:03	BAWANA 400/220kv 315MVA ICT-V	17.06.21	13:15	TRIPPED WITHOUT INDICATION.
44	17.06.21	12:03	BAWANA 400/220kv 315MVA ICT-VI	17.06.21	13:15	TRIPPED WITHOUT INDICATION.
45	17.06.21	12:03	BAWANA 220/66kv 100MVA Tx	17.06.21	13:12	296
46	17.06.21	12:03	220kvBAWANA- ROHINI-2 CKT-II	17.06.21	12:51	AT BAWANA : R PHASE, DIST PROT, ZONE-I,DIST 268.4MTRS., 186A&B
47	17.06.21	12:03	220kv BAWANA - KANJHAWALA CKT - 1	17.06.21	13:21	ATR BAWANA : 296.
48	17.06.21	12:03	220kv BAWANA-DSIIDC BAWANA CKT-I	17.06.21	15:48	AT BAWANA : DIFFERENTIAL PROT,
49	17.06.21	13:10	220kv PRAGATI - SARITA VIHAR CKT - I	17.06.21	13:25	AT SARITA VIHAR : 86.
50	20.06.21	08:55	220kv MAHARANI BAGH - SARITA VIHAR CKT	20.06.21	12:00	AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 4.729KM.
51	20.06.21	11:50	SUBZI MANDI 33/11kv, 16MVA Tx-II	21.06.21	00:15	86
52	24.06.21	08:51	NARAINA 220/33kv 100MVA Tx-I	24.06.21	14:45	86, E/F.
53	24.06.21	15:40	NARAINA 220/33kv 100MVA Tx-III	24.06.21	14:45	86, E/F
54	24.06.21	15:40	PAPPANKALAN-III 220/66kv 160MVA Tx-II	24.06.21	16:10	86A&B
55	24.06.21	19:12	220kv MAHARANI BAGH - SARITA VIHAR CKT	24.06.21	21:59	AT SARITA VIHAR : DISTPOR, ZONE-I, DIST 5.58KM, 86, 186. AT MAHARANI BAGH : DIST PROT, DIST 4.1KM. RYB PHASE.
56	24.06.21	19:14	220kv PRAGATI - SARITA VIHAR CKT - I	24.06.21	21:57	AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 5.30KM, AT PRAGATI : DIST PROT, ZONE-I, II & III, DIST 7.45KM.
57	28.08.21	17:10	LODHI RD 220/33kv 100MVA TR. -III	28.08.21	17:25	TRIPPED DUE TO DC PROBLEM.
58	28.06.21	18:11	220kv MAHARANI BAGH - SARITA VIHAR CKT	28.06.21	21:26	AT MAHARANI BAGH : DIST PROT, ZONE-I, DIST 1.2KM.
59	28.06.21	18:11	220kv PRAGATI - SARITA VIHAR CKT - I	28.06.21	21:30	AT PRAGATI : DIST PROT, ZONE-I, DIST 7.186KM. AT SARITA VIHAR : DIST PROT,L ZONE-I, DIST 5.233KM.
60	30.06.21	00:19	BAMNAULI 400/220kv 315MVA ICT-IV	30.06.21	15:00	O/C, E/F.

18 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF JUNE 2021

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