

DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

MAY 2021

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SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	MAY. 2020	MAY. 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)	5492	4959
	Date	27.05.20	31.05.21
	Time	15.0.00	23.24.27
3	Peak Demand met (MW)	5464	4959
	Date	26.05.20	31.05.21
	Time	23.20.20	23.24.27
4	Peak Availability (MW)	5886	4880
5	Shortage (-) / Surplus (+) in MW	(+) 422	(-) 79
6	Percentage Shortage (-) / Surplus (+)	(+) 7.72	(-) 1.59
7	Maximum Energy Consume in a day (Mus)		90.153
8	Energy Consumed during the month	2522.628	2327.928
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	0.801	0.073
	TPDDL	0.043	0.032
	BRPL	0.363	0.054
	BYPL	0.025	0.071
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.001	0.005
	Total	1.233	0.234
10	Grand Total in Mus	1.233	0.234

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

A) For the month of May 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	0.124	-0.124	--	--
2.	GT	24.131	1.496	22.635	15.33	7.113
3.	PPCL	112.929	-2.531	110.398	97.68	121.583
4.	Bawana	312.228	10.294	301.934	88.93	581.073
5.	Towmcl	14.697	2.249	12.448	--	--
6.	EDWPCL	1.126	0.614	0.512	--	--
7.	DMSWL	14.103	2.210	11.893	--	--
	TOTAL	479.214	19.518	459.696		

B) For the Year 2021-22 (Upto May 2021)

Power Station	Effective Capacity (MW)	Net Generation in MUs for May 2021	Availability (%) for May 2021	PLF (%) for May 2021	Cumulative Generation in MUs upto May 2021 for the year 2021-22	Cumulative Availability in % upto May 21 for the year 2021-22
RPH	135	-0.124	--	--	-0.244	--
GT	270	22.635	15.33	11.67	49.627	17.10
PPCL	330	110.398	97.68	46.63	218.881	92.01
Bawana	1372	301.934	88.93	30.28	658.128	90.07
Towmcl	16	12.448	--	--	21.039	--
EDWPCL	10	0.512	--	--	1.083	--
DMSWL	24	11.893	--	--	22.539	--
TOTAL	2936	459.696			971.053	

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 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	1-May-21	00:00	1-May-21	12:15	Low Demand
			1-May-21	12:15	1-May-21	21:15	Unit is under shut down due to non availability of domestic gas from GAIL
			1-May-21	21:15	1-May-21	22:45	Low Demand
			16-May-21	13:52	16-May-21	18:40	Unit tripped due to Generator Loss of field and electrical trouble normal shut down alarm appeared.
			19-May-21	16:05	20-May-21	17:53	Unit is under shut down due to non availability of domestic gas from GAIL
			21-May-21	14:30	26-May-21	7:50	Unit is under shut down due to non availability of domestic gas from GAIL
2	GT#2	30.0	2-May-21	18:00	3-May-21	12:18	Unit is under shut down due to non availability of domestic gas from GAIL
			4-May-21	0:05	4-May-21	18:24	Unit is under shut down due to non availability of domestic gas from GAIL

Sr.No.	Unit no	Capacity (MW)	Outage		Synchronization		Reason of outage with details of works
			Date	Time	Date	Time	
3	STG # 1	30.00	5-May-21	19:10	6-May-21	16:00	Low Demand
			6-May-21	16:05	31-May-21	16:00	Unit is under shut down due to non availability of domestic gas from GAIL
			8-May-21	18:45	8-May-21	19:16	Unit tripped due to tripping of both 160 MVA transformers due to heavy jerk.
			16-May-21	13:52	16-May-21	20:30	Unit tripped due to GT # 1 Tripped
			28-May-21	2:21	28-May-21	3:55	Unit tripped due to DVR problem.

(C) **PRAGATI**

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	104	01.05.2021	00:00	31.05.2021	24:00 Continued Outage GT#2 remained stopped as desired by SLDC
STG	122	31.05.2021	04:42	31.05.2021	07:18	STG tripped on Internal Fault

(D) **BAWANA CCGT POWER STATION**

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	04.05.2021	08:00	04.07.2021	18:30	Unit taken out for Transformer testing
1/2 STG-1	254	04.05.2021	22:00	04.07.2021	18:30	DC of 1/2 STG taken out due to non-availability of respective GT

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. 01.05.2021 to 31.05.2021

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		
Kahalgaoon-I(From ER)	840	6.07	50.99	22	13	16	0	0		
Kahalgaoon-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		
Dhauri 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				
<u>NPC (NUCLEAR)</u>										
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
<u>Allocation from ER</u>										
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
<u>Allocation from Long term Bilateral</u>										
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. 01.05.2021 to 31.05.2021

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		
Dhaulti 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 MAY 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	23:44:40	69	150	491	17	0	18	745	3322	3362	-40	4067	0	4067
2	23:40:08	33	151	518	19	3	19	743	3328	3358	-30	4071	0	4071
3	23:40:07	62	150	575	17	0	19	823	3403	3437	-34	4226	0	4226
4	23:30:36	62	151	570	18	0	15	816	3477	3521	-44	4293	0	4293
5	23:26:37	32	151	580	18	0	18	799	3715	3865	-150	4514	0	4514
6	00:00:04	33	151	579	19	0	17	799	3621	3676	-55	4420	0	4420
7	23:26:33	32	153	489	15	0	16	705	3054	3154	-100	3759	0	3759
8	23:42:01	31	152	499	18	0	17	717	3184	3311	-127	3901	0	3901
9	00:00:02	31	153	499	19	0	15	717	3144	3311	-167	3861	0	3861
10	23:26:16	32	152	490	17	0	19	710	3280	3336	-56	3990	0	3990
11	23:27:58	32	153	493	16	0	17	711	3345	3198	147	4056	0	4056
12	23:19:25	32	152	490	18	0	19	711	3349	3383	-34	4060	0	4060
13	00:09:31	34	154	492	18	0	19	717	3263	3252	11	3980	0	3980
14	23:24:27	33	152	492	17	0	18	712	3090	3177	-87	3802	0	3802
15	00:00:20	34	153	492	17	1	19	716	3045	3114	-69	3761	0	3761
16	23:42:01	33	150	491	17	0	17	708	3423	3348	75	4131	0	4131
17	23:28:43	32	150	491	16	0	16	705	3511	3480	31	4216	0	4216
18	00:00:02	32	150	491	19	0	16	708	3453	3523	-70	4161	0	4161
19	00:00:05	35	155	491	15	1	12	709	2557	2450	107	3266	0	3266
20	22:01:33	33	154	254	10	0	12	463	2254	2309	-55	2717	0	2717
21	23:20:21	0	155	251	12	0	15	433	2350	2355	-5	2783	0	2783
22	22:58:54	0	154	255	11	0	15	435	2487	2457	30	2922	0	2922
23	00:02:31	0	154	254	12	0	15	435	2420	2352	68	2855	0	2855
24	23:22:37	0	152	269	15	0	15	451	2776	2792	-16	3227	0	3227
25	23:20:06	0	149	309	13	-1	14	484	3117	3110	7	3601	3.2	3604
26	23:27:16	32	150	308	18	1	14	523	3540	3520	20	4063	0	4063
27	23:37:47	27	150	310	19	0	17	523	3947	3520	427	4470	0	4470
28	23:21:44	27	147	310	15	0	18	517	4334	4437	-103	4851	0	4851
29	00:00:07	28	149	311	14	0	15	517	4227	4289	-62	4744	0	4744
30	00:00:23	28	151	315	15	0	17	526	3979	4000	-21	4505	0	4505
31	23:24:27	30	147	308	18	0	17	520	4439	4360	79	4959	0	4959

POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING MAY 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	23:44:40	69	150	491	17	0	18	745	3322	3362	-40	4067	0	4067
2	23:40:08	33	151	518	19	3	19	743	3328	3358	-30	4071	0	4071
3	23:40:07	62	150	575	17	0	19	823	3403	3437	-34	4226	0	4226
4	23:30:36	62	151	570	18	0	15	816	3477	3521	-44	4293	0	4293
5	23:26:37	32	151	580	18	0	18	799	3715	3865	-150	4514	0	4514
6	00:00:04	33	151	579	19	0	17	799	3621	3676	-55	4420	0	4420
7	23:26:33	32	153	489	15	0	16	705	3054	3154	-100	3759	0	3759
8	23:42:01	31	152	499	18	0	17	717	3184	3311	-127	3901	0	3901
9	00:00:02	31	153	499	19	0	15	717	3144	3311	-167	3861	0	3861
10	23:26:16	32	152	490	17	0	19	710	3280	3336	-56	3990	0	3990
11	23:27:58	32	153	493	16	0	17	711	3345	3198	147	4056	0	4056
12	23:19:25	32	152	490	18	0	19	711	3349	3383	-34	4060	0	4060
13	00:09:31	34	154	492	18	0	19	717	3263	3252	11	3980	0	3980
14	23:24:27	33	152	492	17	0	18	712	3090	3177	-87	3802	0	3802
15	00:00:20	34	153	492	17	1	19	716	3045	3114	-69	3761	0	3761
16	23:42:01	33	150	491	17	0	17	708	3423	3348	75	4131	0	4131
17	23:28:43	32	150	491	16	0	16	705	3511	3480	31	4216	0	4216
18	00:00:02	32	150	491	19	0	16	708	3453	3523	-70	4161	0	4161
19	00:00:05	35	155	491	15	1	12	709	2557	2450	107	3266	0	3266
20	22:01:33	33	154	254	10	0	12	463	2254	2309	-55	2717	0	2717
21	23:20:21	0	155	251	12	0	15	433	2350	2355	-5	2783	0	2783
22	22:58:54	0	154	255	11	0	15	435	2487	2457	30	2922	0	2922
23	00:02:31	0	154	254	12	0	15	435	2420	2352	68	2855	0	2855
24	23:22:37	0	152	269	15	0	15	451	2776	2792	-16	3227	0	3227
25	23:20:06	0	149	309	13	-1	14	484	3117	3110	7	3601	3.2	3604
26	23:27:16	32	150	308	18	1	14	523	3540	3520	20	4063	0	4063
27	23:37:47	27	150	310	19	0	17	523	3947	3520	427	4470	0	4470
28	23:21:44	27	147	310	15	0	18	517	4334	4437	-103	4851	0	4851
29	00:00:07	28	149	311	14	0	15	517	4227	4289	-62	4744	0	4744
30	00:00:23	28	151	315	15	0	17	526	3979	4000	-21	4505	0	4505
31	23:24:27	30	147	308	18	0	17	520	4439	4360	79	4959	0	4959

SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR MAY 2021

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

A (i) RPH	0.000
(ii) GT+STG	24.131
(iii) PRAGATI	112.929
(iv) RITHALA	0.000
(v) BAWANA CCGT	312.228
(vi) Timarpur – Okhla	14.697
EDWPCL	1.126
DMSWL	14.103
TOTAL	479.214
B) AVAILABILITY FROM BTPS	-0.072
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	19.518
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	459.624

B) SOURCE WISE SCHEDULED DRAWL FROM THE NORTHERN GRID

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
B/SUIL	8.586	8.287	8.586	8.287
SALAL	41.458	40.011	41.458	40.011
SASAN	310.033	299.209	309.386	298.585
TANKAPUR	2.638	2.546	2.638	2.546
CHAMERA	14.920	14.400	14.920	14.400
CHAMERA -II	21.031	20.295	21.031	20.295
CHAMERA -III	13.818	13.335	13.818	13.335
DHAULIGANGA	11.136	10.746	11.136	10.746
SEWA -2	0.000	0.000	0.000	0.000
URI	38.837	37.481	38.837	37.481
URI-II	23.778	22.948	23.778	22.948
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	4.787	4.619	4.787	4.619
PARBATI3	4.920	4.748	4.920	4.748
RAMPUR	0.000	0.000	0.000	0.000
ANTA (CRF)	0.000	0.000	0.000	0.000
ANTA (GAS)	2.675	2.583	1.227	1.185
ANTA (RLNG)	19.577	18.894	0.188	0.182
ANTA (LIQUID)	8.624	8.321	0.000	0.000
DADRI (CRF)	6.214	5.997	0.961	0.927
DADRI (GAS)	5.768	5.564	3.731	3.599
DADRI (RLNG)	23.844	23.013	0.172	0.166
DADRI (LIQUID)	28.716	27.714	0.000	0.000
AURAIYA (CRF)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	0.000	0.000	0.000	0.000
AURAIYA (RLNG)	25.760	24.861	0.000	0.000
AURAIYA (LIQUID)	25.306	24.422	0.000	0.000
SINGRAULI	79.290	76.519	72.916	70.371
SINGRAULI_HYDRO	0.663	0.640	0.663	0.640
RIHAND -I	64.198	61.958	53.434	51.574
RIHAND -II	39.813	38.420	36.255	34.988
RIHAND -III	91.749	88.546	83.967	81.040
UNCHA HAR-I	16.116	15.553	8.400	8.108
UNCHA HAR-II	31.820	30.709	18.335	17.696
UNCHA HAR-III	19.635	18.949	11.791	11.380
UNCHA HAR-IV	0.000	0.000	0.000	0.000
DADRI (TH)	514.632	496.665	0.000	0.000
DADRI (TH) STAGE-II	510.555	492.729	165.732	160.022
BRBCL (NABIPUR-BIHAR)	2.827	2.729	2.769	2.672
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
NAPP	29.172	28.153	29.172	28.153
RAPP 'B'	0.000	0.000	0.000	0.000

RAPP 'C'	37.281	35.978	37.281	35.978
NATHPA JHAKRI	50.666	48.898	50.666	48.898
DULASTI	34.181	32.987	34.181	32.987
TEHRI	6.102	5.889	6.102	5.889
JHAJJAR	485.945	468.980	0.131	0.127
KHELGAON	33.271	32.109	24.029	23.192
KHELGAON-II	108.627	104.835	82.111	79.251
FARAKA	14.930	14.408	7.834	7.561
TALA	7.416	7.156	7.416	7.156
DVC	204.386	204.386	204.386	197.257
TUTICORIN - BRPL	12.116	12.116	12.116	11.690
MADHYA PRADESH	0.150	0.150	0.150	0.145
GUJRAT	0.529	0.529	0.529	0.510
KARNATAKA	0.000	0.000	0.000	0.000
NAGALAND	0.000	0.000	0.000	0.000
CHATTISHGARH	0.000	0.000	0.000	0.000
UTTAR PRADESH	0.000	0.000	0.000	0.000
REGL (ADANI) CHATTISHGARH	0.000	0.000	0.000	0.000
RPREL (ADANI) CHATTISHGARH	106.626	106.626	106.626	102.875
KWHEP (HP)	3.809	3.809	3.809	3.676
SAINJ (HP)	0.000	0.000	0.000	0.000
BGTPP (ASSAM)	0.331	0.331	0.331	0.319
BIHAR	0.000	0.000	0.000	0.000
DBPL (CHATTISHGARH)	0.000	0.000	0.000	0.000
MANIPUR	0.000	0.000	0.000	0.000
RGPP(Latna Giri Power Pvt. Ltd.)	0.159	0.159	0.159	0.153
FSTPP-III (WEST BENGAL)	0.000	0.000	0.000	0.000
SIKKIM	6.908	6.908	6.908	6.666
TAMILNAIDU	0.000	0.000	0.000	0.000
SEIL PROJECT-II(ANDHRA PRADESH)	0.000	0.000	0.000	0.000
MEGHALAYA	0.000	0.000	0.000	0.000
ANDHRA	0.340	0.340	0.340	0.328
JITPL(Jindal Indai Thermal Power Ltd.)	141.643	141.643	141.643	136.688
ESSAR_MAHAN (MP)	0.000	0.000	0.000	0.000
METHON POWER(NDPL)LT-06	179.754	179.754	179.754	173.490
DVC MEJIA (LT-08)(BYPL)	48.993	48.993	48.993	47.283
Acme_RUMS	1.811	1.811	1.811	1.749
Arinsun_RUMS	1.817	1.817	1.817	1.755
Mahindra_RUMS	1.850	1.850	1.850	1.786
URS	0.030	0.029	0.030	0.029
JAMMU & KASHMIR	11.877	11.877	11.877	11.463
HIMACHAL PRADESH	92.438	92.438	92.438	89.196
JHABUA (MP)	0.000	0.000	0.000	0.000
TEESTA-III (West Bengal)	0.144	0.144	0.144	0.139
KERALA	0.000	0.000	0.000	0.000
ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
HIMACHAL PRADESH LT-59 DVC	3.779	3.779	3.779	3.647
HARYANA (LT-05)	52.872	52.872	52.872	51.028
MP(SOLAR RUMS)	29.105	29.105	29.105	28.091
HP TPDDL (NANTI)	4.499	4.499	4.499	4.342
ALFANAR WIND(BRPL) GUJRAT	48.653	48.653	48.653	46.951
ALFANAR WIND(BYPL) (GUJRAT)	16.218	16.218	16.218	15.650
ASE4PL (Adani Green ENERGY U.P.)	11.187	11.187	11.187	10.797
ALFANAR WIND(TPDDL)(GUJRAT)	16.214	16.214	16.214	15.646
ADHPL (HP)	20.802	20.802	20.802	20.076
ODHISHA	0.190	0.190	0.190	0.183
ORISSA MT-20 JITPL -DVC	0.000	0.000	0.000	0.000
WEST BENGAL	0.000	0.000	0.000	0.000
TELENGANA	0.500	0.500	0.500	0.482
RAJASTHAN(SOLAR) BRPL-LT36	3.742	3.742	3.742	3.611
RAJASTHAN(SOLAR) BYPL - LT-35	3.647	3.647	3.647	3.520
RAJASTHAN(SOLAR) TPDDL LT-31	3.634	3.634	3.634	3.507
HP TARANDA (RAILWAYS)	4.738	4.738	4.738	4.573
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 MEGHALAYA	-7.525	-7.525	-7.525	-7.790
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)	33.346	32.184	33.346	32.184
TO POWER EXCHANGE (IEX)	-197.640	-204.834	-197.640	-204.834
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)	-23.041	-23.871	-23.041	-23.871
TO SHARE PROJECT (PUNJAB)	-27.766	-28.767	-27.766	-28.767
REAL TIME MANAGEMENT (RTM)	23.092	22.278	23.092	22.278
TO REAL TIME MANAGEMENT (RTM)	-86.151	-89.288	-86.151	-89.288
TOTAL	3571.125	3458.476	1984.569	1890.961

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	1517.783	1464.788	460.542	444.551
NTPC - ER	156.828	151.353	113.974	110.005
NHPC	215.305	207.784	215.305	207.784
NPC	66.452	64.131	66.452	64.131
SASAN	310.033	299.209	309.386	298.585
KOTESHWAR	4.787	4.619	4.787	4.619
NATHPA JHAKRI	50.666	48.898	50.666	48.898
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
TEHRI	6.102	5.889	6.102	5.889
TALA	7.416	7.156	7.416	7.156
JHAJJAR	485.945	468.980	0.131	0.127
RAJASTHAN SOLAR(BRPL)T-36	3.742	3.742	3.742	3.611
RAJASTHAN SOLAR(BYPL)T-35	3.647	3.647	3.647	3.520
RAJASTHAN SOLAR(TPDDL)T-31	3.634	3.634	3.634	3.507
DVC	204.386	204.386	204.386	197.257
TUTICORIN BRPL	12.116	12.116	12.116	11.690
MADHYA PRADESH	0.150	0.150	0.150	0.145
GUJRAT	0.529	0.529	0.529	0.510
KARNATAKA	0.000	0.000	0.000	0.000
NAGALAND	0.000	0.000	0.000	0.000
CHATTISHGARH	0.000	0.000	0.000	0.000
UTTAR PRADESH	0.000	0.000	0.000	0.000
REGL (ADANI) CHATTISHGARH	0.000	0.000	0.000	0.000
RPREL (ADANI)CHATTISHGARH	106.626	106.626	106.626	102.875
KWHEP (HP)	3.809	3.809	3.809	3.676
SAIJ (HP)	0.000	0.000	0.000	0.000
BGTTP (ASSAM)	0.331	0.331	0.331	0.319
BIHAR	0.000	0.000	0.000	0.000
DBPL (CHATTISHGARH)	0.000	0.000	0.000	0.000
MANIPUR	0.000	0.000	0.000	0.000
RGPP(LRatna Giri Power Pvt. Ltd.)	0.159	0.159	0.159	0.153
FSTPP -III (WEST BENGAL)	0.000	0.000	0.000	0.000
SIKKIM	6.908	6.908	6.908	6.666
TAMILNAIDU	0.000	0.000	0.000	0.000
SEIL PROJECT-II(ANDHRA PRADESH)	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
MEGHALAYA	0.000	0.000	0.000	0.000
ANDHRA	0.340	0.340	0.340	0.328
JITPL(Jindal Indai Thermal Power Ltd.)	141.643	141.643	141.643	136.688
ESSAR_MAHAN (MP)	0.000	0.000	0.000	0.000
METHON POWER (NDPL)-LT-06	179.754	179.754	179.754	173.490
DVC MEJIA (LT-08)(BYPL)	48.993	48.993	48.993	47.283
Acme_RUMS	1.811	1.811	1.811	1.749
Arinsun_RUMS	1.817	1.817	1.817	1.755
Mahindra_RUMS	1.850	1.850	1.850	1.786
URS	0.030	0.029	0.030	0.029
JAMMU & KASHMIR	11.877	11.877	11.877	11.463
HIMACHAL PRADESH	92.438	92.438	92.438	89.196
JHABUA (MP)	0.000	0.000	0.000	0.000
TEESTA -III (SIKKIM)	0.144	0.144	0.144	0.139
KERALA	0.000	0.000	0.000	0.000
ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
HP LT-59 DVC(SURYA KANTA)	3.779	3.779	3.779	3.647
HARYANA (LT -05)	52.872	52.872	52.872	51.028
ADHPL (HP)	20.802	20.802	20.802	20.076
ODISHA	0.190	0.190	0.190	0.183
ORISSA MT-20 JITPL -DVC	0.000	0.000	0.000	0.000
WEST BENGAL	0.000	0.000	0.000	0.000
TELENGANA	0.500	0.500	0.500	0.482
MP(SOLAR RUMS)	29.105	29.105	29.105	28.091
HP TPDDL (NANTI)	4.499	4.499	4.499	4.342
HP TRANDA (RAILWAYS)	4.738	4.738	4.738	4.573
ALFANAR WIND(BRSL)	48.653	48.653	48.653	46.951
ALFANAR WIND(BYPL)	16.218	16.218	16.218	15.650
ASE4PL (Adani Green ENERGY U.P.)	11.187	11.187	11.187	10.797
ALFANAR WIND(TPDDL)	16.214	16.214	16.214	15.646
POWER EXCHANGE(IEX)	33.346	32.184	33.346	32.184
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
REAL TIME MANAGEMENT (RTM)	23.092	22.278	23.092	22.278
TOTAL	3913.248	3812.761	2326.691	2245.510

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 UTTARAKHAND	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	-7.525	-7.525	-7.525	-7.790
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)	-197.640	-204.834	-197.640	-204.834
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-23.041	-23.871	-23.041	-23.871
TO SHARE PROJECT (PUNJAB)	-27.766	-28.767	-27.766	-28.767
TO REAL TIME MANAGEMENT (RTM)	-86.151	-89.288	-86.151	-89.288
TOTAL	-342.123	-354.285	-342.123	-354.550
TOTAL SCHEDULED DRAWAL FROM THE GRID	3571.125	3458.476	1984.569	1890.961

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNS		2347.446
NET CONSUMPTION		2327.928
AVAILABILITY WITHIN DELHI		459.624
ACTUAL DRAWAL FROM THE GRID		1868.304
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY		-22.657
LOAD SHEDDING		0234
UNRESTRICTED DEMAND (GROSS)		2347.680
UNRESTRICTED DEMAND (NET)		2328.162
MAX. NET CONSUMPTION		90.15 On 1.05.21
MAX. LOAD SHEDDING		99 MW ON 30.05.2021 AT 14.31 HRS.
PEAK LOAD	Peak Demand during the month	SHEDDING AT PEAK TIME NIL.
DAY PEAK	4744 MW AT 00.00.07 HRS ON 29.05.2021	NIL.
EVENING PEAK	4959 MW AT 23.24.27 HRS ON 31.05.2021	NIL

8. SHEDDING DETAILS DURING THE MONTH OF MAY 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
01-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31-05-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Date	Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VIOLATION				DUE TO NEW GRID CODE REGULATION DEVIATION			Shedding due to Transmission/Grid Constraints in Central sector stations				Total	Total shedding due to grid restrictions
	BSES		TPDDL	NDMC	BSES			BSES		TPDDL	NDMC		
	BYPL	BRPL			BYPL	BRPL	TPDDL	BYPL	BRPL				
1	13	14	15	16	17	18	19	20	21	22	23	24=8 to 23	25=7+24
01-05-21	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
02-05-21	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
03-05-21	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
04-05-21	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
05-05-21	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
06-05-21	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
07-05-21	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
08-05-21	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
09-05-21	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
10-05-21	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
11-05-21	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
12-05-21	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
13-05-21	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
14-05-21	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
15-05-21	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
16-05-21	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
17-05-21	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
18-05-21	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
19-05-21	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
20-05-21	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
21-05-21	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
22-05-21	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
23-05-21	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
24-05-21	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
25-05-21	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
26-05-21	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
27-05-21	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
28-05-21	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
29-05-21	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
30-05-21	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
31-05-21	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
TOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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
01-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000
02-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
03-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000
04-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05-05-21	0.000	0.000	0.001	0.000	0.000	0.000	0.003	0.000	0.000
06-05-21	0.000	0.002	0.000	0.000	0.000	0.000	0.002	0.007	0.000
07-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000218	0.000
10-05-21	0.003	0.000	0.000	0.000	0.000	0.000	0.00105	0.00017	0.000
11-05-21	0.000	0.005	0.000	0.000	0.000	0.000	0.001	0.000	0.000
12-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00007	0.000
13-05-21	0.00038	0.000	0.002	0.000	0.000	0.000	0.00041	0.00030	0.000
14-05-21	0.000	0.000	0.000035	0.000	0.000	0.000	0.000	0.000	0.000
15-05-21	0.000	0.000	0.00096	0.000	0.000	0.000	0.000	0.000037	0.000
16-05-21	0.000	0.00063	0.000	0.000	0.000	0.000	0.000	0.006	0.000
17-05-21	0.000	0.000	0.000	0.000	0.000	0.00522	0.001	0.000	0.000
18-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19-05-21	0.000	0.029	0.00042	0.000	0.000	0.000	0.001	0.001	0.000
20-05-21	0.013	0.000	0.001	0.000	0.000	0.000	0.005	0.00058390	0.000
21-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000
22-05-21	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.00043	0.000
23-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000233	0.000
24-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
25-05-21	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
26-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27-05-21	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000
28-05-21	0.000	0.005	0.000	0.000	0.000	0.052	0.034	0.004	0.000
29-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000
30-05-21	0.000	0.000	0.003	0.000	0.000	0.000	0.001	0.002	0.000
31-05-21	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.000	0.000
	0.0208	0.0410	0.0108	0.0000	0.0000	0.0706	0.0536	0.0317	0.0000

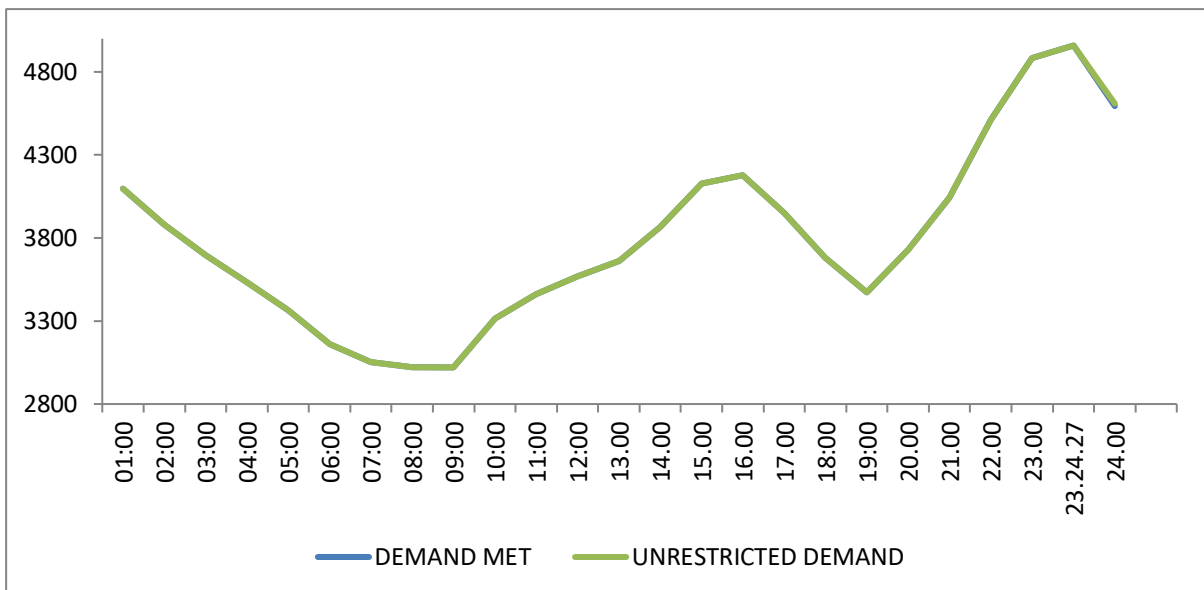
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE 42= 26 to 41	GRAND TOTAL 43 = 25 + 42
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41		
01-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0032	0.0032
02-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0009	0.0009
03-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0024	0.0024
04-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000
05-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0036	0.0036
06-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0098	0.0098
07-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000
08-05-21	0.000	0.004	0.001	0.000	0.000	0.000	0.000	0.0052	0.0052
09-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0002	0.0002
10-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0038	0.0038
11-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0055	0.0055
12-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0001	0.0001
13-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0032	0.0032
14-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000
15-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0010	0.0010
16-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0067	0.0067
17-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0064	0.0064
18-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000
19-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0311	0.0311
20-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0190	0.0190
21-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0021	0.0021
22-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0029	0.0029
23-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0002	0.0002
24-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0006	0.0006
25-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0055	0.0055
26-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000
27-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0125	0.0125
28-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0945	0.0945
29-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0034	0.0034
30-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0059	0.0059
31-05-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0037	0.0037
	0.0000	0.0039	0.0012	0.0000	0.0000	0.0000	0.0000	0.234	3.000

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
01-05-21	80.195	4067	23:44:40	0	4067	4067	23:44:40	4067	0
02-05-21	76.330	4071	23:40:08	0	4071	4071	23:40:08	4071	0
03-05-21	82.136	4226	23:40:07	0	4226	4226	23:40:07	4226	0
04-05-21	83.424	4293	23:30:36	0	4293	4293	23:30:36	4293	0
05-05-21	82.878	4514	23:26:37	0	4514	4514	23:26:37	4514	0
06-05-21	82.397	4420	00:00:04	0	4420	4420	00:00:04	4420	0
07-05-21	73.603	3759	23:26:33	0	3759	3759	23:26:33	3759	0
08-05-21	75.147	3901	23:42:01	0	3901	3901	23:42:01	3901	0
09-05-21	76.817	3861	00:00:02	0	3861	3861	00:00:02	3861	0
10-05-21	73.339	3990	23:26:16	0	3990	3990	23:26:16	3990	0
11-05-21	79.145	4056	23:27:58	0	4056	4056	23:27:58	4056	0
12-05-21	78.822	4060	23:19:25	0	4060	4060	23:19:25	4060	0
13-05-21	72.312	3980	00:09:31	0	3980	3980	00:09:31	3980	0
14-05-21	73.863	3802	23:24:27	0	3802	3802	23:24:27	3802	0
15-05-21	72.996	3761	00:00:20	0	3761	3761	00:00:20	3761	0
16-05-21	73.097	4131	23:42:01	0	4131	4131	23:42:01	4131	0
17-05-21	80.400	4216	23:28:43	0	4216	4216	23:28:43	4216	0
18-05-21	74.978	4161	00:00:02	0	4161	4161	00:00:02	4161	0
19-05-21	61.128	3266	00:00:05	0	3266	3266	00:00:05	3266	0
20-05-21	56.217	2717	22:01:33	0	2717	2717	22:01:33	2717	0
21-05-21	59.658	2783	23:20:21	0	2783	2783	23:20:21	2783	0
22-05-21	60.260	2922	22:58:54	0	2922	2922	22:58:54	2922	0
23-05-21	60.167	2855	00:02:31	0	2855	2855	00:02:31	2855	0
24-05-21	64.179	3227	23:22:37	0	3227	3227	23:22:37	3227	0
25-05-21	69.378	3601	23:20:06	3.2	3604	3604	23:20:06	3601	3.2
26-05-21	74.085	4063	23:27:16	0	4063	4063	23:27:16	4063	0
27-05-21	82.535	4470	23:37:47	0	4470	4470	23:37:47	4470	0
28-05-21	87.848	4851	23:21:44	0	4851	4851	23:21:44	4851	0
29-05-21	86.486	4744	00:00:07	0	4744	3995	00:00:07	4744	0
30-05-21	83.955	4505	00:00:23	0	4505	4008	00:00:23	4505	0
31-05-21	90.153	4959	23:24:27	0	4959	4008	23:24:27	4959	0
TOTAL	2327.928	4959	23:24:27	0	4959	4959	23:24:27	4959	0
		31.05.2021			31.05.2021				

9. **LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING MAY 2021 ON 31.05.2021 - 4959 MW AT 24.23.27HRS.**

All figures in MW

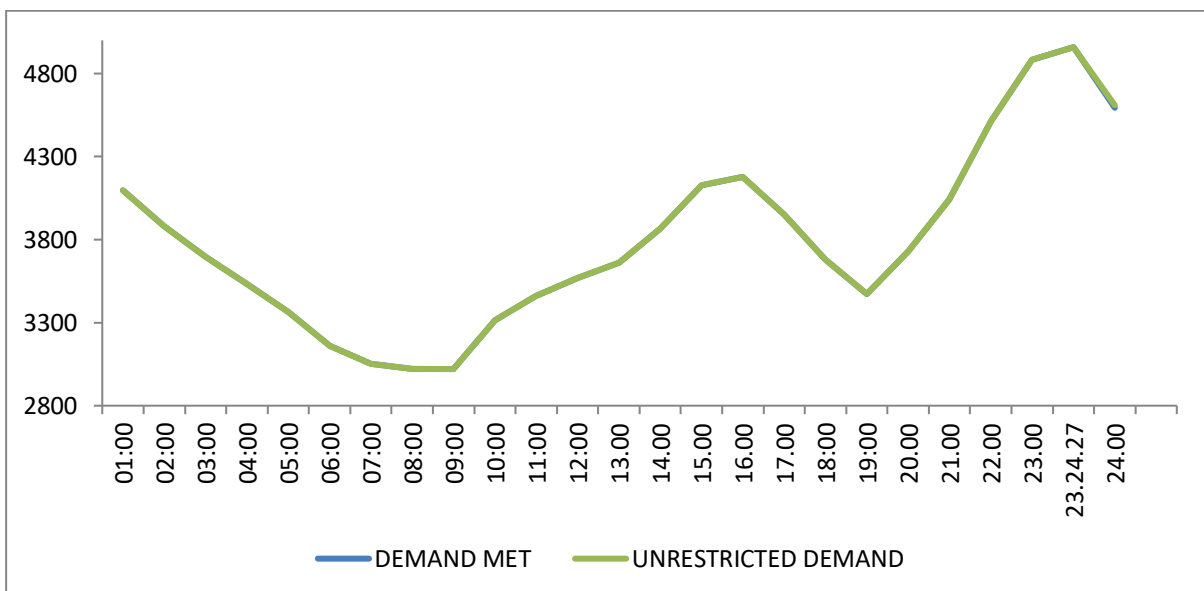
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4099	0	4099
02:00	3880	0	3880
03:00	3694	0	3694
04:00	3534	0	3534
05:00	3364	0	3364
06:00	3161	0	3161
07:00	3053	0	3053
08:00	3022	0	3022
09:00	3020	0	3020
10:00	3315	0	3315
11:00	3461	0	3461
12:00	3568	0	3568
13:00	3662	0	3662
14:00	3865	0	3865
15:00	4126	0	4126
16:00	4178	0.0	4178
17:00	3949	0	3949
18:00	3680	0	3680
19:00	3472	0	3472
20:00	3732	0	3732
21:00	4045	0	4045
22:00	4513	0	4513
23:00	4884	0	4884
23.24.27	4959	0	4959
24:00	4595	15	4610
TOTAL	90.153	0.0037	90.157



10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING MAY 2021 ON 31.05.2021 - 4959 MW AT 24.23.27HRS.

All figures in MW

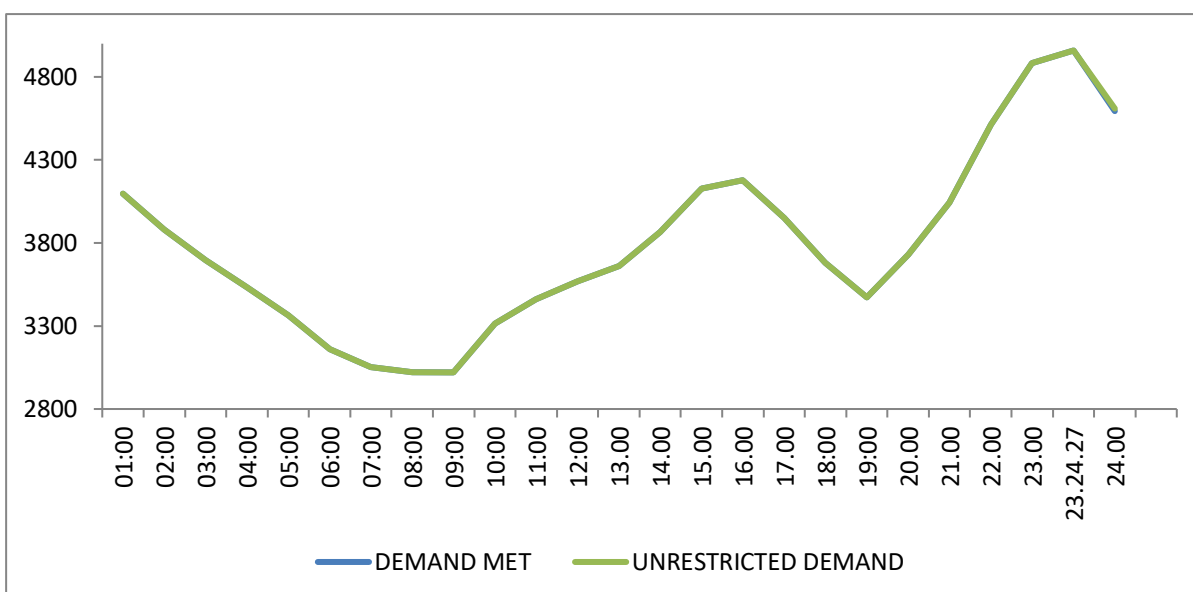
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4099	0	4099
02:00	3880	0	3880
03:00	3694	0	3694
04:00	3534	0	3534
05:00	3364	0	3364
06:00	3161	0	3161
07:00	3053	0	3053
08:00	3022	0	3022
09:00	3020	0	3020
10:00	3315	0	3315
11:00	3461	0	3461
12:00	3568	0	3568
13:00	3662	0	3662
14:00	3865	0	3865
15:00	4126	0	4126
16:00	4178	0.0	4178
17:00	3949	0	3949
18:00	3680	0	3680
19:00	3472	0	3472
20:00	3732	0	3732
21:00	4045	0	4045
22:00	4513	0	4513
23:00	4884	0	4884
23.24.27	4959	0	4959
24:00	4595	15	4610
TOTAL	90.153	0.0037	90.157



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING MAY 2021 – 31.05.2021 – 90.153 Mus

All figures in MW

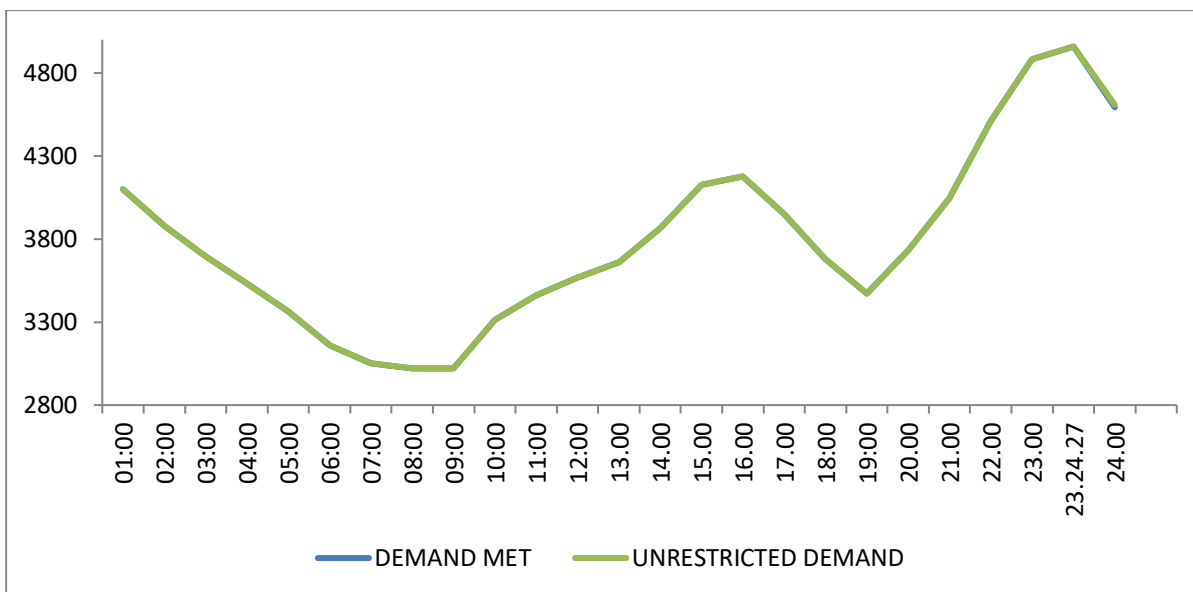
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4099	0	4099
02:00	3880	0	3880
03:00	3694	0	3694
04:00	3534	0	3534
05:00	3364	0	3364
06:00	3161	0	3161
07:00	3053	0	3053
08:00	3022	0	3022
09:00	3020	0	3020
10:00	3315	0	3315
11:00	3461	0	3461
12:00	3568	0	3568
13:00	3662	0	3662
14:00	3865	0	3865
15:00	4126	0	4126
16:00	4178	0.0	4178
17:00	3949	0	3949
18:00	3680	0	3680
19:00	3472	0	3472
20:00	3732	0	3732
21:00	4045	0	4045
22:00	4513	0	4513
23:00	4884	0	4884
23.24.27	4959	0	4959
24:00	4595	15	4610
TOTAL	90.153	0.0037	90.157



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING MAY 2021 – ON 31.05.2021 – 90.157 MUs

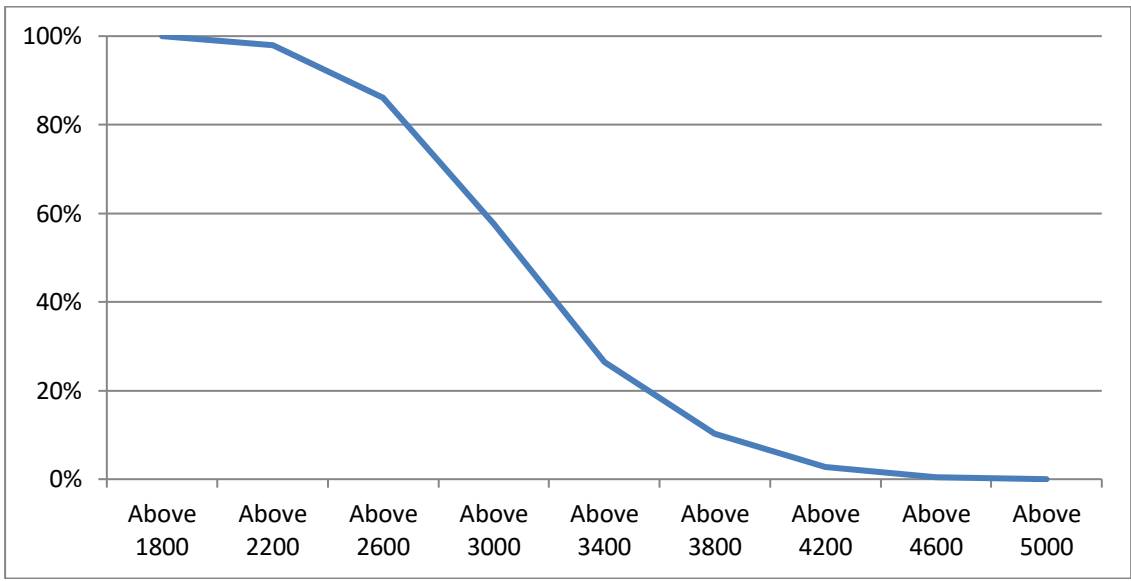
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4099	0	4099
02:00	3880	0	3880
03:00	3694	0	3694
04:00	3534	0	3534
05:00	3364	0	3364
06:00	3161	0	3161
07:00	3053	0	3053
08:00	3022	0	3022
09:00	3020	0	3020
10:00	3315	0	3315
11:00	3461	0	3461
12:00	3568	0	3568
13:00	3662	0	3662
14:00	3865	0	3865
15:00	4126	0	4126
16:00	4178	0.0	4178
17:00	3949	0	3949
18:00	3680	0	3680
19:00	3472	0	3472
20:00	3732	0	3732
21:00	4045	0	4045
22:00	4513	0	4513
23:00	4884	0	4884
23.24.27	4959	0	4959
24:00	4595	15	4610
TOTAL	90.153	0.0037	90.157



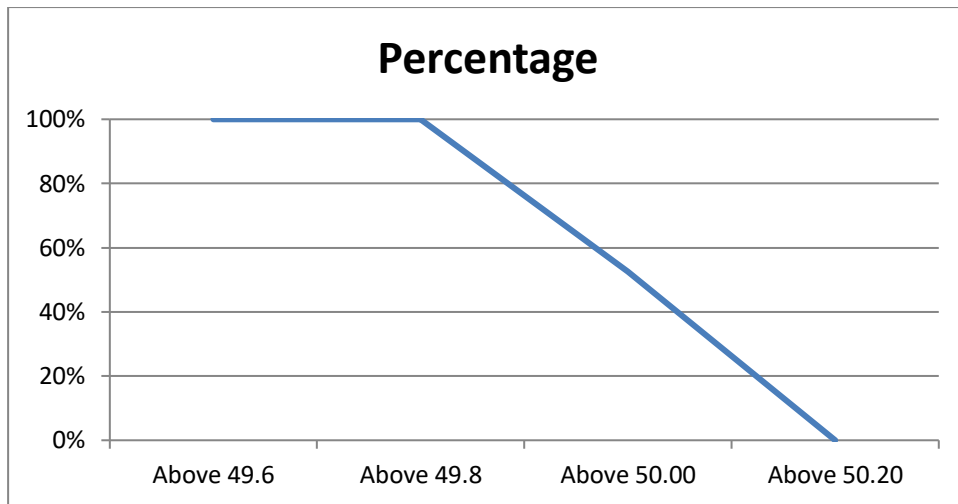
13 LOAD DURATION CURVE FOR MAY 2021

Load in MW	Percentage of Time
Above 1800	100%
Above 2200	97.98%
Above 2600	86.16%
Above 3000	57.66%
Above 3400	26.41%
Above 3800	10.32%
Above 4200	2.82%
Above 4600	0.50%
Above 5000	0.00%



14 FREQUENCY ANALYSIS FOR THE MONTH OF MAY 2021

FREQUENCY REMAINED ABOVE IN MW	(%) OF TIME
Above 49.6	100%
Above 49.8	99.83%
Above 50.00	52.45%
Above 50.20	0.00%



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-05-21	231.65	218.87	231.67	220.03
02-05-21	230.91	220.74	231.9	221.7
03-05-21	229.87	217.88	230.01	217.92
04-05-21	229.77	218.88	229.7	219.53
05-05-21	229.19	215.73	228.94	216.72
06-05-21	233.42	219.81	233.57	221.15
07-05-21	230.48	219.3	231.23	219.75
08-05-21	228.94	219.46	229.02	219.92
09-05-21	230.58	221.5	232.65	221.84
10-05-21	230.19	219.03	230.42	219.72
11-05-21	230.12	220.58	230.54	221.35
12-05-21	230.24	221.51	230.28	221.67
13-05-21	231.38	221.21	231.22	221.65
14-05-21	232.94	219.65	231.88	219.55
15-05-21	230.42	219.72	229.6	219.78
16-05-21	230.19	219.37	229.07	219.97
17-05-21	230.99	219.77	231.05	216.01
18-05-21	231.22	222.08	231.77	223.52
19-05-21	235.97	226	236.9	216.71
20-05-21	234.65	222.45	236.43	222.73
21-05-21	235.2	222.83	233.18	221.67
22-05-21	234.97	222.01	233.29	220.93
23-05-21	234.88	223.14	233.57	222.49
24-05-21	231.9	219.35	230.38	218.37
25-05-21	232.44	216.49	228.81	218.98
26-05-21	230.17	216.03	233.21	218.54
27-05-21	229.5	214.98	232.74	213.64
28-05-21	229.02	212.89	230.09	214.31
29-05-21	229.27	218.12	229.43	218.78
30-05-21	231.3	216.76	232.05	217.51
31-05-21	228.66	217.71	228.64	218.37

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

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-05-21	421.63	18:02:49	399	22:46:12	410.15
02-05-21	420.89	17:02:17	402.27	00:03:56	413.51
03-05-21	418.53	18:02:22	396.16	23:03:45	409.53
04-05-21	419.21	18:01:46	399.77	22:12:24	408.04
05-05-21	418.04	6:01:24	393.41	22:32:13	407.55
06-05-21	424.2	17:45:04	403.81	00:18:18	412.36
07-05-21	419.03	5:03:23	399.26	22:42:40	409.43
08-05-21	417	8:03:35	399.98	23:22:50	409.52
09-05-21	419.87	18:02:20	403.51	22:40:38	412.22
10-05-21	416.93	7:00:00	398.38	23:05:13	408.49
11-05-21	420.09	18:01:30	401.98	22:36:11	411.33
12-05-21	419.54	18:02:13	404.31	00:09:21	411.77
13-05-21	421.61	4:08:04	403.36	22:15:14	412.26
14-05-21	424.3	18:02:52	400.8	22:11:52	412.7
15-05-21	419.05	6:02:54	399.33	22:21:59	410.52
16-05-21	417.23	17:01:28	399.94	22:15:22	409.49
17-05-21	421.06	18:02:44	400.04	22:29:35	409.57
18-05-21	421.95	16:02:42	406.24	00:12:09	414.84
19-05-21	425.27	23:45:12	412.72	00:36:36	419.75
20-05-21	424.9	0:01:02	407.36	19:46:49	416.65
21-05-21	424.47	6:00:48	405.62	19:30:18	415.09
22-05-21	426.4	2:04:57	403.63	10:16:09	415.23
23-05-21	425.05	6:03:00	404.76	22:27:28	415.19
24-05-21	419.01	5:01:38	398.68	22:10:28	411.05
25-05-21	419.31	13:02:21	396.12	23:17:40	408.43
26-05-21	418.4	6:01:49	389.77	22:17:05	408.48
27-05-21	418.51	7:02:18	389.55	23:19:14	406.59
28-05-21	420.71	6:03:04	388.09	22:39:40	406.64
29-05-21	417.38	18:17:35	395.82	22:28:46	408.49
30-05-21	421.53	17:22:01	392.25	23:10:27	410.44
31-05-21	417.11	18:03:20	394.78	00:03:59	405.7

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-05-21	422.27	6:46:30	401.38	22:37:42	411.51
02-05-21	420.64	16:38:11	404.41	22:31:30	413.35
03-05-21	418.64	6:02:35	399.75	22:40:44	410.04
04-05-21	419.72	6:46:39	400.12	11:43:29	408.62
05-05-21	418.84	6:01:34	393.75	22:31:43	407.71
06-05-21	425.26	17:48:44	399.94	12:18:17	411.47
07-05-21	420.24	5:02:03	401.15	22:42:18	410.01
08-05-21	418.04	6:01:50	403.97	23:17:43	410.61
09-05-21	420.7	6:56:26	406.22	00:01:05	412.93
10-05-21	419.66	6:00:26	401.43	22:13:15	410.43
11-05-21	420.74	6:01:55	403.66	22:35:42	412.57
12-05-21	420.84	6:51:43	405	22:20:09	412.42
13-05-21	419.9	3:41:57	0	03:44:13	145.03
14-05-21	425.96	18:02:44	403	22:12:06	413.69
15-05-21	420.83	6:03:00	401.69	22:21:58	411.21
16-05-21	419.96	17:01:29	402.11	22:19:06	410.82
17-05-21	422.26	18:02:44	401.78	09:09:38	410.4
18-05-21	422.38	7:01:54	405.36	11:20:42	414.43
19-05-21	426.93	23:45:09	412.19	10:53:42	420.65
20-05-21	426.49	3:34:22	406.59	19:46:20	416.77
21-05-21	428.34	6:00:44	406.63	19:30:17	416.51
22-05-21	426.59	2:23:29	404.97	10:16:12	416.17
23-05-21	427.53	6:02:24	406.73	22:22:37	416.65
24-05-21	422.51	6:02:39	400.09	22:15:48	412.81
25-05-21	421.64	13:02:17	399.31	23:30:31	409.96
26-05-21	419.32	16:00:02	393.4	22:13:29	408.59
27-05-21	419.09	7:02:18	393.64	23:19:10	405.65
28-05-21	417.76	6:03:02	389.45	22:39:33	405.38
29-05-21	417.7	6:01:07	397.53	00:07:30	408.46
30-05-21	423.75	4:21:47	395.03	23:10:18	411.32
31-05-21	417.99	18:03:08	396.93	09:48:54	406.18

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

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	02.05.21	15:12	220kV PRAGATI - I.P.CKT - I	02.05.21	17:56	AT I.P. : DIST PROT,ZONE-I,DIST 568MTS.86ABC.
2	02.05.21	15:12	220 KV PATPARGANJ - I.P. CKT-II	02.05.21	15:23	AT PATPARGANJ : DISTPROT,ZONE-III,DIST 5.5KM.
3	05.05.21	22:54	SGTN 220/66kV 160MVA TR. -I	05.05.21	18:04	DIFFERENTIAL PROT,86A
4	06.05.21	16:44	SUBZI MANDI 33/11kV, 16MVA Tx-I	06.05.21	18:35	86, SPR
5	06.05.21	16:50	220 KV GOPALPUR-WAZIRABAD CKT-2	06.05.21	18:00	AT WAZIRABAD: DIST PROT, ZONE -I.
6	07.05.21	02:35	PATPARGANJ 220/66kV 100MVA Tx-I	07.05.21	02:58	TRIPPED WITHOUT INDICATION.
7	07.05.21	18:40	MEHRAULI 66/11kV, 20MVA Tx-II	08.05.21	12:04	O/C, 86.
8	08.05.21	00:33	PATPARGANJ 220/66kV 100MVA Tx-II	08.05.21	06:55	86
9	08.05.21	12:18	MEHRAULI 66/11kV, 20MVA Tx-II	08.05.21	20:30	O/C, R&B PHASE.
10	08.05.21	18:33	PATPARGANJ 220/66kV 100MVA Tx-II	08.05.21	19:18	86
11	08.05.21	18:38	220kV GEETA COLONY-PATPARGANJ CKT-I	08.05.21	19:10	AT PATPARGANJ : DIST PROT, ZONE-II, DIST 5.98KM, TRIP PHASE ABC. AT GEETA COLONY : O/C, E/F, DIST PROT, DIST 7.629KM.
12	08.05.21	18:38	220 KV PATPARGANJ - I.P. CKT-II	08.05.21	23:19	AT PATPARGANJ : DIST PROT, DIST 3.6KM, R PHASE,. AT I.P. : DIST PRO, ZONE-I, 86, 186, Y PHASE.
13	08.05.21	20:48	220KV WAZIRABAD - MANDOLA CKT-I	08.05.21	18:16	AT WAZIRABAD : SPARKING ON TOP PHASE.
14	09.05.21	16:53	220kV MAHARANI BAGH - SARITA VIHAR CKT	09.05.21	20:17	AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 6.75KM, AT MAHARANI BAGH : DIST PROT, R PHASE, DIST 3.5KM.
15	09.05.21	17:02	220kV OKHLA - BTPS CKT.- I	09.05.21	18:24	AT OKHLA : DIST PROT, ZONE-I, DIST 3.95KM, 86. AT OKHLA : DIST PROT, ZONE-I, DIST 0.6KM, 86.
16	09.05.21	21:45	220kV MAHARANI BAGH - SARITA VIHAR CKT	09.05.21	11:25	AT SARITA VIHAR : DIST PROT, ZONE-II, DIST 9.381KM, 186A&B AT MAHARANI BAGH : DIST PROT, DIST 1.3KM. R PHASE,
17	10.05.21	07:06	PARKSTREET 220/33kV 100MVA Tx-II	10.05.21	13:45	O/C, E/F.
18	11.05.21	14:30	220kV BAMNAULI-NAJAFGARH CKT-I	11.05.21	18:13	AT BAMNAULI : DIST PROT, ZONE-I, DIST 7KM, R&B PHASE.
19	13.05.21	07:21	SUBZI MANDI 220/33kV 100MVA Tx-I	13.05.21	07:23	TRIPPED WITHOUT INDICATION.
20	13.05.21	07:50	SUBZI MANDI 220/33kV 100MVA Tx-II	13.05.21	07:52	86, E/F.
21	13.05.21	19:52	RAJGHAT 220/33kV 100MVA Tx-I	14.05.21	18:25	REF.
22	14.05.21	18:06	SUBZI MANDI 33/11kV, 16MVA Tx-I	14.05.21	15:25	86
23	15.05.21	18:29	220kV WAZIRABAD-GEETA COLONY CKT-I	15.05.21	20:41	AT WAZIRABAD : DIST PROT, ZONE-I, DIST 1.99KM.
24	15.05.21	18:30	220kV WAZIRABAD - KASHMEREGATE CKT-I	15.05.21	19:43	AT WAZIRABAD : DIST PROT, ZONE-I, DIST 2.182KM.
25	16.05.21	12:44	220kV MAHARANI BAGH - LODHI ROAD CKT-I	16.05.21	15:34	AT MAHARANI BAGH : DIST PROT, ZONE-I.
26	17.05.21	19:25	RAJGHAT 220/33kV 100MVA Tx-I	18.05.21	16:26	186

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
27	18.05.21	19:01	400kV Mandola-Bawana Ckt-I	18.05.21	21:03	AT BAWANA : DISTG PROT, ZONE-I, DIST 203MTS.
28	19.05.21	02:10	VASANT KUNJ 66/11kV, 20MVA Tx-II	19.05.21	08:25	SOTEF RELAY.
29	19.05.21	02:44	BAMNAULI 400/220kV 315MVA ICT-I	19.05.21	13:35	95A
30	19.05.21	06:44	PATPARGANJ 220/66kV 100MVA Tx-I	19.05.21	06:59	95 ABC.
31	19.05.21	06:50	SHALIMAR BAGH 33/11kV, 20MVA Tx	19.05.21	16:08	DIFFERENTIAL, 86.
32	19.05.21	10:49	220kV BAMNAULI-NAJAFGARH CKT-II	19.05.21	19:17	AT BAMNAULI : DIST PROT, ZONE-I, DIST 334.5MTS.
33	19.05.21	13:00	220kV OKHLA - BTPS CKT.- I	19.05.21	14:17	AT OKHLA : DIST PROT, ZONE-I, DIST 1.82KM.
34	19.05.21	14:09	MEHRAULI 66/11kV, 20MVA Tx-I	20.05.21	10:10	86, DIFFERENTIAL.
35	19.05.21	16:10	NAJAFGARH 66/11kV, 20MVA Tx-II	19.05.21	16:35	86, O/C.
36	19.05.21	16:40	PATPARGANJ 220/66kV 100MVA Tx-I	19.05.21	17:05	TRIPPED WITHOUT INDICATION.
37	19.05.21	16:57	NAJAFGARH 66/11kV, 20MVA Tx-II	19.05.21	17:25	TRIPPED WITHOUT INDICATION.
38	19.05.21	20:50	MASJID MOTH 220/33kV 100MVA Tx-II	20.05.21	11:00	PRV.
39	19.05.21	21:15	VASANT KUNJ 220/66kV 100MVA Tx-III	19.05.21	11:13	OVERFLUX.
40	19.05.21	23:10	PARKSTREET 66/33kV, 30MVA Tx-I	20.05.21	14:58	OVERFLUX.
41	19.05.21	23:48	GAZIPUR 220/66kV 100MVA Tx-II	20.05.21	09:53	E/F.
42	20.05.21	00:02	NARELA 220/66kV 100MVA Tx-III	20.05.21	11:44	BUCHOLZ.
43	20.05.21	03:02	HARSH VIHAR 220/66KV 160MVA ICT-3	20.05.21	11:00	BUCHOLZ.
44	20.05.21	10:03	PARKSTREET 220/33kV 100MVA Tx-I	20.05.21	17:27	BUCHOLZ.
45	20.05.21	10:03	220kV PRAGATI - SARITA VIHAR CKT - I	20.05.21	17:00	AT SARITA VIHAR I FALSE INDICATION.
46	20.05.21	11:05	MASJID MOTH 220/33kV 100MVA Tx-II	20.05.21	13:10	LA OF R PHASE BLAST.
47	20.05.21	12:10	PATPARGANJ 220/66kV 100MVA Tx-II	20.05.21	12:17	SPR.
48	20.05.21	12:25	SHALIMAR BAGH 33/11kV, 20MVA Tx	20.05.21	15:19	DIFFERENTIAL, 86.
49	21.05.21	05:55	PAPPANKALAN-II 220/66kV 100MVA Tx-II	21.05.21	11:53	SPR.
50	22.05.21	01:16	ROHINI 220/66kV 100MVA Tx-IV	22.05.21	16:54	O/C, E/F.
51	22.05.21	01:16	220KVBAWANA- ROHINI CKT-II	22.05.21	07:44	AT ROHINI-I : DIFFERENTIAL.
52	22.05.21	02:20	VASANT KUNJ 220/66kV 100MVA Tx-III	22.05.21	06:35	OVER FLUX.
53	23.05.21	06:01	VASANT KUNJ 220/66kV 100MVA Tx-III	23.05.21	09:48	86A
54	24.05.21	07:27	220KV GAZIPUR - MAHARANIBAGH CKT. -II	24.05.21	10:18	AT GAZIPUR :DIST PROT, ZONE-I.
55	24.05.21	14:35	220kV NARELA - MANDOLA CKT-I	24.05.21	17:34	AT NARELA : DIST PROT, ZONE-I, DIST 7.5KM.

SL N O	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
56	25.05.21	22:44	PARKSTREET 220/33kV 100MVA Tx-II	26.05.21	04:40	DIFFERENTIAL.
57	26.05.21	12:17	KANJHAWALA 66/11kV, 20MVA Tx-I	26.05.21	12:26	TRIPPED WITHOUT INDICATION.
58	28.05.21	06:44	OKHLA 220/33kV 100MVA Tx-V	28.05.21	11:05	TRIPPED WITHOUT INDICATION.
59	30.05.21	14:31	ROHINI 220/66kV 100MVA Tx-IV	30.05.21	16:28	O/C, E/F.
60	30.05.21	14:31	ROHINI 220/66kV 100MVA Tx-III	30.05.21	16:28	O/C, E/F.
61	30.05.21	14:31	220KVBAWANA- ROHINI CKT-II	30.05.21	19:01	AT ROHINI-I : TRIPPED WITHOUT INDICATOIN.

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

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