

DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

(Revision-1)

MARCH 2024

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SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	MAR. 2023	MAR. 2024
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	1371	1371
	TOWMCL (Waste to Energy Plant)	16	16
	EDWPCL (Waste to Energy Plant)	10	10
	DMSWL (Waste to Energy Plant)	24	24
	TWEPL	25	25
	Total	2181	2181
2	Maximum Unrestricted Demand (MW)	3979	4482
	Date	03.03.2023	08.03.2024
	Time	10.29.29	09.43.42
3	Peak Demand met (MW)	3979	4482
	Date	03.03.2023	08.03.2024
	Time	10.29.29	09.43.42
4	Peak Availability (MW)	3842	4466
5	Shortage (-) / Surplus (+) in MW	(-) 137	(-) 16
6	Percentage Shortage (-) / Surplus (+)	(-) 0.03	(-) 0.36
7	Maximum Energy Consume in a day (Mus)	76.718	86.266
8	Energy Consumed during the month	2131.089	2216.516
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	0.051	0.062
	TPDDL	0.139	0.038
	BRPL	0.008	0.114
	BYPL	0.000	0.003
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.0006	0.00008
	Total	0.198	0.21708
10	Grand Total in Mus	0.198	0.21708

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING MARCH 2024

A) For the month of March 2024

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	0.122	0.409	-0.287	87.82	57.784
3.	PPCL	0.000	0.016	-0.016	96.80	231.12
4.	Bawana	203.177	6.882	196.295	97.00	768.325
	TOTAL	203.299	7.431	195.868	--	1057.229

WASTE TO ENERGY GENERATING PLANTS WITHIN DELHI

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation
5.	Towmcl	14.822	1.963	12.859
6.	EDWPCL	4.480	1.121	3.359
7.	DMSWL	15.533	2.291	13.242
8.	TWEPL	19.164	1.801	17.363
	TOTAL	53.999	7.176	46.823

B) For the Year 2023-24 (Upto March 2024)

Power Station	Effective Capacity (MW)	Net Generation in MUs for Mar 2024	Availability (%) for Mar 2024	Cumulative Generation in MUs upto Mar 2024 for the year 2023-24	Cumulative Availability in % upto Mar 2024 for the year 2023-24
RPH	135	-0.124	--	-1.34	--
GT	90	-0.287	87.82	217.184	83.22
PPCL	330	-0.016	96.80	705.576	98.61
Bawana	1372	196.295	97.00	2462.79	92.52
TOTAL	1927	195.868	--	3384.21	--

WASTE TO ENERGY GENERATING PLANTS WITHIN DELHI

Power Station	Effective Capacity (MW)	Net Generation in MUs for Mar 2024	Cumulative Generation in MUs upto Mar 2024 for the year 2023-24
Towmcl	16	12.859	144.025
EDWPCL	10	3.359	45.287
DMSWL	24	13.242	144.126
TWEPL	25	17.363	195.373
TOTAL	75	46.823	528.811

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI FOR MARCH 2024

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

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	30	01.03.24	00.00	13.03.24	14.00	Unit stopped due to less demand.
		13.03.24	14.00	31.03.24	23.59	Unit stopped due to less demand.
2	30	NIL				
3	30	NIL				
4	30	NIL				
5	30	13.03.24	14.00	31.03.24	23.59	Unit stopped due to less demand.
6	30	01.03.24	00.00	13.03.24	14.00	Unit stopped due to less demand.
		13.03.24	14.00	28.03.24	14.31	Unit stopped due to less demand.
		28.03.24	19.00	31.03.24	23.59	Unit stopped due to less demand.
STG-1	30	NIL				
STG-2	30	NIL				
STG-3	30	01.03.24	00.00	13.03.24	14.00	Unit is not available due to fire incident in cable trench.
		13.03.24	14.00	28.03.24	17.38	Unit stopped due to less demand.
		28.03.24	19.00	31.03.24	23.59	Unit stopped due to less demand.

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	01.03.24	00.00	31.03.24	23.59	Stopped due to low demand.
2	104	01.03.24	00.00	31.03.24	23.59	Stopped due to low demand.
STG	122	01.03.24	00.00	31.03.24	23.59	Stopped due to low demand.

(D) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	11.03.24	08.46	11.03.24	23.59	Due to stator internal fault
2	216	12.03.24	12.30	13.03.24	12.00	Due to Boroscopic inspection of GT-2
3	216	NIL				
4	216	NIL				
STG -1	254	11.03.24	08.46	11.03.24	23.59	Due to outage of GT-I
		12.03.24	12.30	13.03.24	12.00	Due to outage of GT-2
STG -2	254	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. 01.05.2020

Name of the Stn	Installed capacity in MW	Capacity Allocation to Delhi In%	Capacity Allocation to Delhi in MW	DISCOMWISE CAPACITY ALLOCATION IN MW						
				BRPL	BYPL	TPDDL	NDM C	MES	RPH	NR
GAS TURBINE	270	100	270	164.39	23.13	81.48	0.00	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	49	6	0	5.9	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		1739.3	701.1	334.6	456.4	201.3	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		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		
Dhaul 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	121.6	122	0	0	0	0

Name of the Stn	Installed capacity in MW	Capacity Allocation to Delhi In%	Capacity Allocation to Delhi in MW	DISCOMWISE CAPACITY ALLOCATION IN MW						
				BRPL	BYPL	TPDDL	NDM C	MES	RPH	NR
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	31.4	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)			300.00	131.00	82.00	83.76				
DVC(Mejia6)			100.00	44	25	31	0	0		
TOTAL	4980		875.49	254	426	192	0	0	0	0
<u>Allocation from Long term Bilateral</u>										
CLP Jhajjar(Th)	1320		124.00			124				
Mejia-7(Th)	500		119.00		119					
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)			90.00			90				
Teranda (HYD)(From 08.1.2020)			12.65			12.65				
BRBCL (From 15.01.2020)			5.00							5
JIPTL			9.46							9.46
TOTAL	2870		875.81	117	166	579	0	0	0	14.46
Total in MW	33445		7540	3078	1700	2371	326	45	1	14.46

B) ALLOCATION OF DELHI AND DISCOMS (IN %AGE) FROM VARIOUS CENTRAL SECTOR, STATE SECTOR GENERATING STATIONS ALONG WITH LTAs w.e.f. 01.05.2020

Name of the Stn	Installed capacity in MW	Capacity Allocation to Delhi In%	Capacity Allocation to Delhi in MW	DISCOMWISE CAPACITY ALLOCATION IN PERCENTAGE (%AGE)						
				BRPL	BYPL	TPDD L	NDMC	MES	RPH	NR
STATE GENERATING STATIONS										
GAS TURBINE	270	100	270	60.89	8.57	30.18	0.00	0.00	0.37	
PRAGATI	330	100	330	28.29	16.07	19.28	30.30	6.06		
BAWANA CCGT	1371	80	1097	38.91	22.50	27.19	9.13	2.28		
EDWPCL(WEP)	12	49	6	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		1739.31	40.31	19.24	26.24	11.57	2.58	0.06	0.00
CENTRAL SECTOR GENERATION										
<u>NTPC STATIONS</u>										
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		3221.98	49.06	18.70	28.37	3.88	0.00	0.00	0.00
<u>NHPC (HYDRO)</u>										
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		478.60734	49.06	25.40	25.54	0.00	0.00		

Name of the Stn	Installed capacity in MW	Capacity Allocation to Delhi In%	Capacity Allocation to Delhi in MW	DISCOMWISE CAPACITY ALLOCATION IN PERCENTAGE (%AGE)						
				BRPL	BYPL	TPDDL	NDMC	MES	RPH	NR
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		
<u>NPC (NUCLEAR)</u>										
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	14.83	69.83	15.34	0.00	0.00		
DVC(CTPS7 &8)			300.00	44.14	27.63	28.22				
DVC(Mejia6)			100.00	43.92	25.40	30.68	0.00	0.00		
TOTAL	4980		875.488	29.03	48.67	21.93	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		119.00		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)			90.00			100.00				
Teranda (HYD) (From 08.1.2020)			12.65			100.00				
BRBCL (From 15.01.2020)			5.00							100
JIPTL			9.46							100
TOTAL	2870		875.81	13.39	18.90	66.06	0.00	0.00	0.00	200.0
Total	33445		7540	40.83	22.55	31.45	4.33	0.60	0.01	0.19

**POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND
MET DURING MARCH 2024**

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	TWEPL	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	10.35.47	0	0	274	19	4	19	0	316	3861	3841	20	4177	0	4177
2	10.33.01	0	0	272	19	4	18	5	318	3437	3365	72	3755	0	3755
3	10.36.25	0	0	272	19	4	18	12	325	3599	3532	67	3924	0	3924
4	10.00.38	0	0	271	19	9	17	18	334	3627	3628	-1	3961	0	3961
5	10.00.12	0	0	271	19	7	14	23	334	3728	3682	46	4062	0	4062
6	10.27.30	0	0	273	19	8	16	23	339	3868	3748	120	4207	0	4207
7	10.13.53	0	0	272	17	0	18	26	333	3709	3767	-58	4042	0	4042
8	09.43.42	0	0	308	15	8	18	26	375	4107	4091	16	4482	0	4482
9	10.44.06	0	0	281	10	9	16	27	343	2479	3432	-953	2822	0	2822
10	11.01.08	0	0	281	13	6	19	28	347	3461	3466	-5	3808	0	3808
11	10.00.31	0	0	0	18	4	18	24	64	3909	3460	449	3973	0	3973
12	10.31.01	0	0	270	15	5	19	24	333	3564	3517	47	3897	0	3897
13	10.31.42	0	0	278	15	5	18	26	342	3555	3564	-9	3897	0	3897
14	10.46.40	0	0	271	16	5	19	28	339	3503	3469	34	3842	0	3842
15	10.17.53	0	0	271	16	5	19	28	339	3656	3580	76	3995	7	4002
16	10.31.06	0	0	271	19	5	16	25	336	3356	3384	-28	3692	0	3692
17	10.45.41	0	0	271	17	5	7	28	328	3302	3268	34	3630	0	3630
18	10.22.34	0	0	272	15	5	19	14	325	3498	3483	15	3823	0	3823
19	10.51.14	0	0	271	13	0	18	28	330	3505	3457	48	3835	0	3835
20	10.43.45	0	0	270	14	8	18	27	337	3568	3557	11	3905	0	3905
21	10.24.33	0	0	270	16	0	18	27	331	3435	3393	42	3766	0	3766
22	10.58.14	0	0	272	19	4	18	27	340	3774	3650	124	4114	0	4114
23	10.44.05	0	0	272	19	0	18	28	337	3496	3304	192	3833	0	3833
24	10.25.26	0	0	270	17	7	19	27	340	3129	3137	-8	3469	0	3469
25	19.08.59	0	0	270	18	5	18	27	338	2378	2440	-62	2716	0	2716
26	10.28.29	0	0	271	18	4	17	27	337	3127	3074	53	3464	0	3464
27	11.20.52	0	0	270	16	6	19	25	336	3640	3540	100	3976	0	3976
28	15.49.31	25	0	270	18	5	18	27	363	3875	3677	198	4238	0	4238
29	12.00.22	0	0	271	16	6	15	27	335	3874	3830	44	4209	0	4209
30	15.50.13	0	0	270	18	0	18	28	334	3737	3671	66	4071	0	4071
31	12.06.56	0	0	273	19	6	15	27	340	3518	3517	1	3858	0	3858

POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING MARCH 2024

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	TWE PL	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	10.35.47	0	0	274	19	4	19	0	316	3861	3841	20	4177	0	4177
2	10.33.01	0	0	272	19	4	18	5	318	3437	3365	72	3755	0	3755
3	10.36.25	0	0	272	19	4	18	12	325	3599	3532	67	3924	0	3924
4	10.00.38	0	0	271	19	9	17	18	334	3627	3628	-1	3961	0	3961
5	10.00.12	0	0	271	19	7	14	23	334	3728	3682	46	4062	0	4062
6	10.27.30	0	0	273	19	8	16	23	339	3868	3748	120	4207	0	4207
7	10.13.53	0	0	272	17	0	18	26	333	3709	3767	-58	4042	0	4042
8	09.43.42	0	0	308	15	8	18	26	375	4107	4091	16	4482	0	4482
9	10.44.06	0	0	281	10	9	16	27	343	2479	3432	-953	2822	0	2822
10	11.01.08	0	0	281	13	6	19	28	347	3461	3466	-5	3808	0	3808
11	10.00.31	0	0	0	18	4	18	24	64	3909	3460	449	3973	0	3973
12	10.31.01	0	0	270	15	5	19	24	333	3564	3517	47	3897	0	3897
13	10.31.42	0	0	278	15	5	18	26	342	3555	3564	-9	3897	0	3897
14	10.46.40	0	0	271	16	5	19	28	339	3503	3469	34	3842	0	3842
15	10.17.53	0	0	271	16	5	19	28	339	3656	3580	76	3995	7	4002
16	10.31.06	0	0	271	19	5	16	25	336	3356	3384	-28	3692	0	3692
17	10.45.41	0	0	271	17	5	7	28	328	3302	3268	34	3630	0	3630
18	10.22.34	0	0	272	15	5	19	14	325	3498	3483	15	3823	0	3823
19	10.51.14	0	0	271	13	0	18	28	330	3505	3457	48	3835	0	3835
20	10.43.45	0	0	270	14	8	18	27	337	3568	3557	11	3905	0	3905
21	10.24.33	0	0	270	16	0	18	27	331	3435	3393	42	3766	0	3766
22	10.58.14	0	0	272	19	4	18	27	340	3774	3650	124	4114	0	4114
23	10.44.05	0	0	272	19	0	18	28	337	3496	3304	192	3833	0	3833
24	10.25.26	0	0	270	17	7	19	27	340	3129	3137	-8	3469	0	3469
25	19.08.59	0	0	270	18	5	18	27	338	2378	2440	-62	2716	0	2716
26	10.28.29	0	0	271	18	4	17	27	337	3127	3074	53	3464	0	3464
27	11.20.52	0	0	270	16	6	19	25	336	3640	3540	100	3976	0	3976
28	15.49.31	25	0	270	18	5	18	27	363	3875	3677	198	4238	0	4238
29	12.00.22	0	0	271	16	6	15	27	335	3874	3830	44	4209	0	4209
30	15.50.13	0	0	270	18	0	18	28	334	3737	3671	66	4071	0	4071
31	12.06.56	0	0	273	19	6	15	27	340	3518	3517	1	3858	0	3858

**SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS
AVAILABILITY WITHIN DELHI FOR MARCH 2023**

(ALL FIGURES IN MUS)

GENERATION WITHIN DELHI	AVAILABILITY	SCHEDULE
Rajghat Power House	0.000	0.000
Gas Turbine	57.900	0.116
Pragati-I	231.120	0.000
Pragati-III (Bawana)	769.930	202.732
Rithala	0.000	0.000
Badarpur	0.000	0.000
Renewable (include WTE)	47.360	47.360
TOTAL DELHI GEN.	1106.31	250.208

NAME OF STATION	AVAILABILITY	SCHEDULE
ANTA GPP-GF	32.01	0.00
ANTA GPP-LF		0.00
ANTA GPP-RF		0.00
ANTA CRF		0.00
AURAIYA GPP-GF	52.15	0.00
AURAIYA GPP-LF		0.00
AURAIYA GPP-RF		0.00
AURAIYA CRF		0.00
DADRI GPP-GF	64.43	0.00
DADRI GPP-LF		0.00
DADRI GPP-RF		0.00
DADRI CRF		0.00
SINGRAULI STPS	99.01	98.095109
RIHAND STPS	67.30	65.893983
RIHAND-II STPS	81.53	80.324642
RIHAND-III STPS	87.66	86.338409
DADRI II	458.02	324.256977
UNCHAHAAR-I TPS	8.05	7.180715
UNCHAHAAR-II TPS	31.73	26.376145
UNCHAHAAR-III TPS	17.57	14.459256
UNCHAHAAR - IV TPS	0.00	0.00
JHAJJAR	329.59	329.589934
Meja TPS	0.00	0.00
Tanda-II TPS	0.00	0.00
FARAKA	13.03	11.367385
KAHALGAON1	34.20	31.405348
KAHALGAON2	109.59	102.548696
SASAN	295.57	294.555667

NAME OF STATION	AVAILABILITY	SCHEDULE
Nabinagar STPS(BRBCL)	13.59	13.5913590
BAIRASIUL HEP	6.66	6.664620
SALAL HEP	22.74	22.741120
TANAKPUR HEP	0.80	0.802727
CHAMERA HEP	11.73	11.728972
CHAMERA HEP-II	8.92	8.924618
CHAMERA III	5.17	5.174975
URI HEP	26.35	26.352756
URI 2 HEP	22.06	22.058625
SEWA-II	10.83	10.830674
DHAULIGANGA HEP	3.36	3.364732
DULHASTI HEP	11.61	11.607880
Parvati3	0.02	0.021323
NATHPA JHAKRI HEP	20.36	20.364440
TEHRI HEP	13.47	13.4713397
KOTESWAR	8.24	8.2398158
SINGRAULI SHEP	0.48	0.4842430
TALA	0.00	0.000000
Kishan Ganag	0.00	0.00
Koldam	0.00	0.00
Rampur	0.00	0.00
NAPP	31.99	31.988780
RAPP C	37.99	37.986471
RAPPB_4 C	0.00	0.00
KUDGI STPS-I	0.000	0.000
Total	2037.83	1728.79
LTA	792.316	792.316
Short Term (Purchase)	152.651	152.651
Short Term (Sale)		645.923
TOTAL AVAILABILITY	4089.107	2923.965

8. SHEDDING DETAILS DURING THE MONTH OF MARCH 2024

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
01.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.03.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.03.24	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 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
01.03.24	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
02.03.24	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
03.03.24	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
04.03.24	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
05.03.24	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
06.03.24	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
07.03.24	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
08.03.24	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
09.03.24	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
10.03.24	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
11.03.24	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
12.03.24	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
13.03.24	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
14.03.24	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
15.03.24	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
16.03.24	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
17.03.24	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
18.03.24	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
19.03.24	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
20.03.24	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
21.03.24	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
22.03.24	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
23.03.24	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
24.03.24	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
25.03.24	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
26.03.24	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
27.03.24	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
28.03.24	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
29.03.24	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
30.03.24	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
31.03.24	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
01.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.03.24	0.000	0.000	0.006	0.000	0.000	0.000	0.001	0.001	0.000
03.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000
07.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.03.24	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.049	0.000	0.000
11.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000
12.03.24	0.004	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000
13.03.24	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
15.03.24	0.000	0.016	0.000	0.000	0.000	0.000	0.012	0.000	0.000
16.03.24	0.004	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000
17.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.03.24	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000
20.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000
21.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
22.03.24	0.000	0.004	0.003	0.000	0.000	0.000	0.010	0.000	0.000
23.03.24	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.001	0.000
24.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.000
25.03.24	0.008	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000
26.03.24	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000
27.03.24	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000
28.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.033	0.000
29.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.001	0.000
30.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000
TOTAL	0.016	0.026	0.021	0.000	0.000	0.003	0.114	0.038	0.000

ALL FIGURES IN MUS

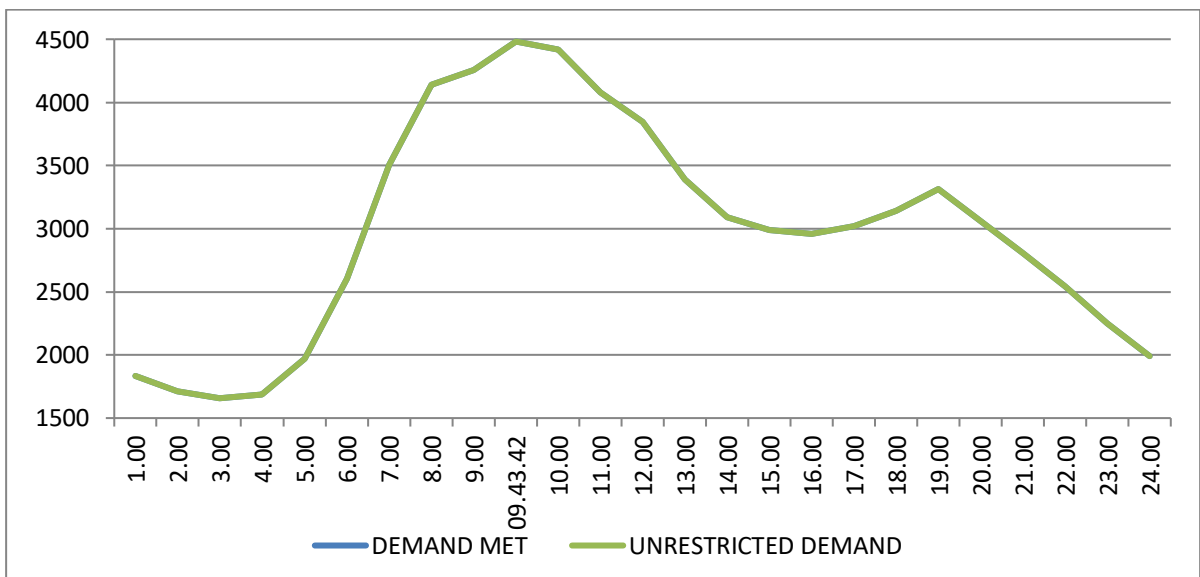
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.008
03.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
07.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
09.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.049	0.049
11.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
12.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.005
13.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
14.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
15.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.028	0.028
16.03.24	0.000	0.000	0.00008	0.000	0.000	0.000	0.000	0.00708	0.00708
17.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003
20.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006
21.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
22.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.017
23.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.004
24.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003
25.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.012
26.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003
27.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006
28.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.034	0.034
29.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.008
30.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.03.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007
TOTAL	0.000	0.000	0.00008	0.000	0.000	0.000	0.000	0.217	0.217

DATE	(NET CONS.)	MAXI DEMAND MET DURING THE DAY	TIME OF OCCUR- RENCE OF MAX DEMAND	SHEDDING AT THIS TIME	UN-REST- RICTED DEMAND	MAXIMUM UN-REST- RICTED 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		33	34	35	36=33+35	37=39+40	38	39	40
01.03.24	71.8260	4177	10:35:47	0	4177	4177	10:35:47	4177	0
02.03.24	67.6780	3765	10:33:01	0	3765	3765	10:33:01	3765	0
03.03.24	64.9590	3924	10:36:25	0	3924	3924	10:36:25	3924	0
04.03.24	67.9800	3961	10:00:38	0	3961	3961	10:00:38	3961	0
05.03.24	69.7970	4062	10:00:12	0	4062	4062	10:00:12	4062	0
06.03.24	71.4910	4207	10:27:30	0	4207	4207	10:27:30	4207	0
07.03.24	68.7140	4042	10:13:53	0	4042	4042	10:13:53	4042	0
08.03.24	71.5080	4482	9:43:42	0	4482	4482	9:43:42	4482	0
09.03.24	68.9710	3822	10:44:06	0	3822	3822	10:44:06	3822	0
10.03.24	65.0010	3808	11:01:08	0	3808	3808	11:01:08	3808	0
11.03.24	69.7680	3973	10:00:31	0	3973	3973	10:00:31	3973	0
12.03.24	70.8130	3897	10:31:01	0	3897	3897	10:31:01	3897	0
13.03.24	71.7090	3897	10:31:42	0	3897	3897	10:31:42	3897	0
14.03.24	70.7020	3843	10:46:40	0	3843	3843	10:46:40	3843	0
15.03.24	72.0340	3989	10:17:53	7	3996	3996	10:17:53	3989	7
16.03.24	68.4650	3692	10:31:06	0	3692	3692	10:31:06	3692	0
17.03.24	65.4920	3630	10:45:41	0	3630	3630	10:45:41	3630	0
18.03.24	69.6680	3823	10:22:34	0	3823	3823	10:22:34	3823	0
19.03.24	72.1960	3835	10:51:14	0	3835	3835	10:51:14	3835	0
20.03.24	71.8300	3905	10:43:45	0	3905	3905	10:43:45	3905	0
21.03.24	73.8780	3766	10:24:33	0	3766	3766	10:24:33	3766	0
22.03.24	75.5140	4114	10:58:14	0	4114	4114	10:58:14	4114	0
23.03.24	73.5020	3833	10:44:05	0	3833	3833	10:44:05	3833	0
24.03.24	66.9410	3469	10:25:26	0	3469	3469	10:25:26	3469	0
25.03.24	54.8910	2716	19:08:59	0	2716	2716	19:08:59	2716	0
26.03.24	68.3850	3464	10:28:29	0	3464	3464	10:28:29	3464	0
27.03.24	78.1480	3976	11:20:52	0	3976	3976	11:20:52	3976	0
28.03.24	82.4390	4238	15:49:31	0	4238	4238	15:49:31	4238	0
29.03.24	83.4890	4209	12:00:22	0	4209	4209	12:00:22	4209	0
30.03.24	86.3660	4071	15:50:13	0	4071	4071	15:50:13	4071	0
31.03.24	82.3610	3858	12:06:56	0	3858	3858	12:06:56	3858	0
TOTAL	2216.516	4482	09.43.42			4482			
		08.03.24							

9. **LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING MARCH 2024 ON 08.03.2024 - 4482MW AT 09.43.42HRS.**

All figures in MW

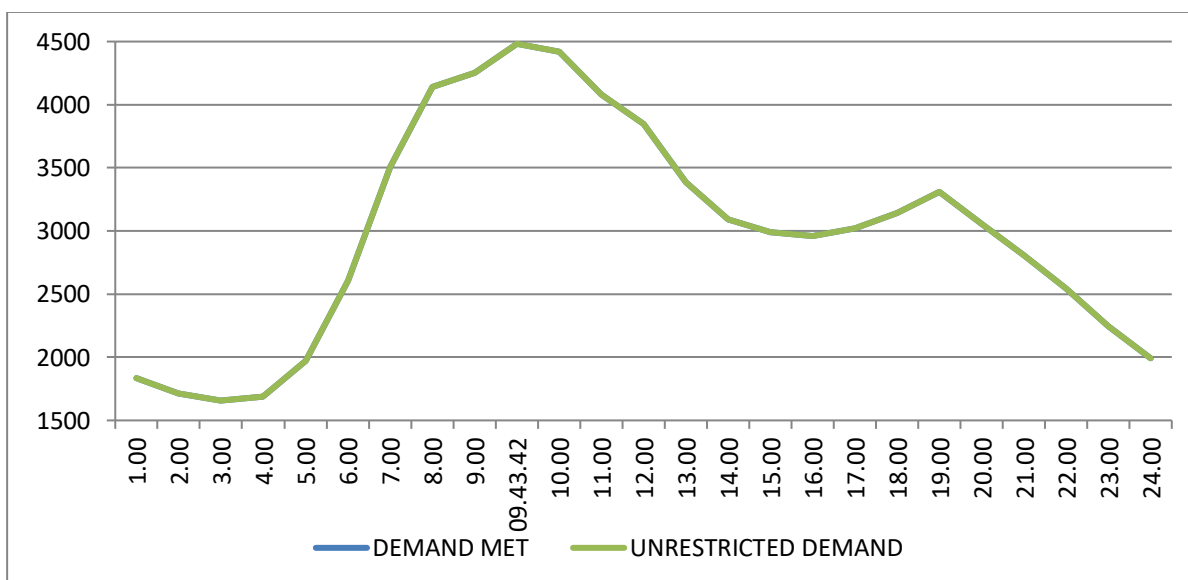
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1835	0	1835
2.00	1713	0	1713
3.00	1657	0	1657
4.00	1686	0	1686
5.00	1971	0	1971
6.00	2605	0	2605
7.00	3506	0	3506
8.00	4141	0	4141
9.00	4254	0	4254
09.43.42	4482	0	4482
10.00	4420	0	4420
11.00	4079	0	4079
12.00	3846	0	3846
13.00	3387	0	3387
14.00	3090	0	3090
15.00	2991	0	2991
16.00	2959	0	2959
17.00	3022	0	3022
18.00	3142	0	3142
19.00	3311	0	3311
20.00	3058	0	3058
21.00	2809	0	2809
22.00	2543	0	2543
23.00	2247	0	2247
24.00	1993	0	1993
Total (IN MUS)	71.508	0.0009	71.509



10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING MARCH 2024 ON 08.03.2024-4482MW AT 09.43.42HRS.

All figures in MW

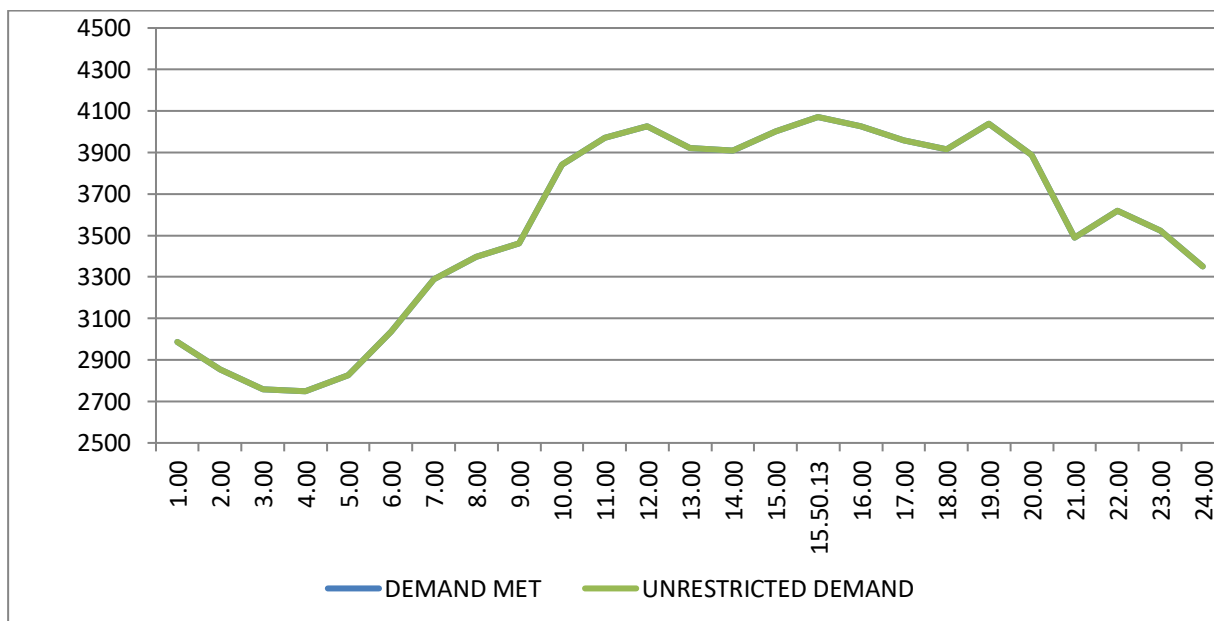
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1835	0	1835
2.00	1713	0	1713
3.00	1657	0	1657
4.00	1686	0	1686
5.00	1971	0	1971
6.00	2605	0	2605
7.00	3506	0	3506
8.00	4141	0	4141
9.00	4254	0	4254
09.43.42	4482	0	4482
10.00	4420	0	4420
11.00	4079	0	4079
12.00	3846	0	3846
13.00	3387	0	3387
14.00	3090	0	3090
15.00	2991	0	2991
16.00	2959	0	2959
17.00	3022	0	3022
18.00	3142	0	3142
19.00	3311	0	3311
20.00	3058	0	3058
21.00	2809	0	2809
22.00	2543	0	2543
23.00	2247	0	2247
24.00	1993	0	1993
Total (IN MUS)	71.508	0.0009	71.509



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING MARCH 2024 – 30.03.2024 – 86.366Mus

All figures in MW

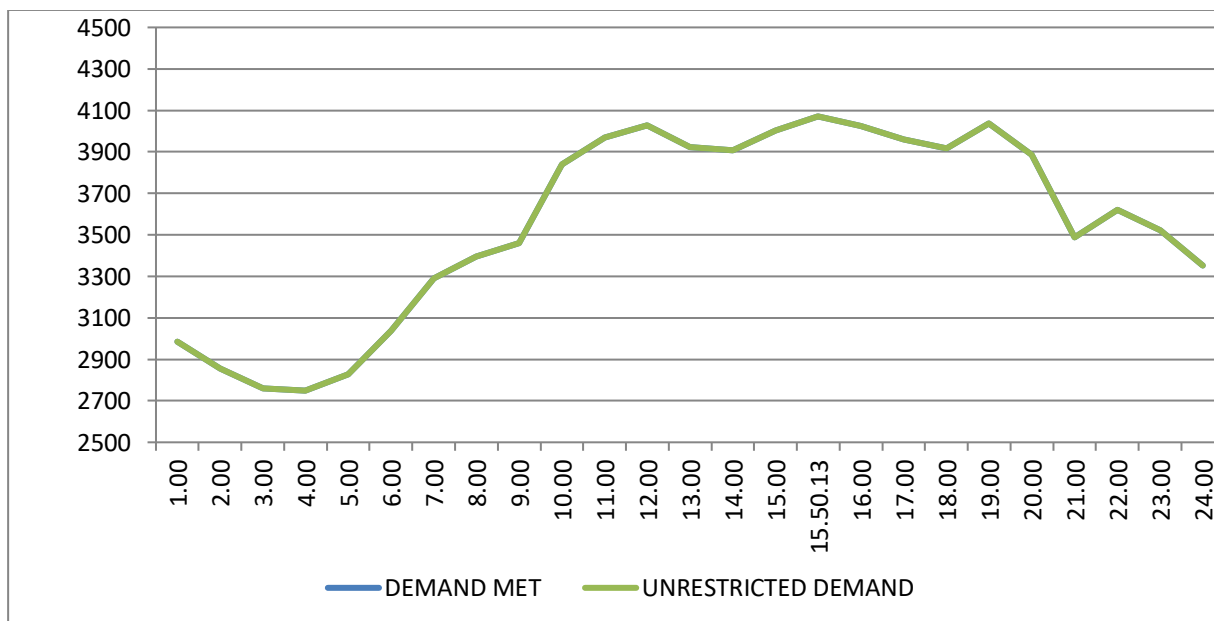
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	2986	0	2986
2.00	2855	0	2855
3.00	2759	0	2759
4.00	2749	0	2749
5.00	2827	0	2827
6.00	3036	0	3036
7.00	3289	0	3289
8.00	3396	0	3396
9.00	3461	0	3461
10.00	3841	0	3841
11.00	3970	0	3970
12.00	4027	0	4027
13.00	3922	0	3922
14.00	3909	0	3909
15.00	4002	0	4002
15.50.13	4071	0	4071
16.00	4026	0	4026
17.00	3960	0	3960
18.00	3916	0	3916
19.00	4038	0	4038
20.00	3887	0	3887
21.00	3489	0	3489
22.00	3620	0	3620
23.00	3523	0	3523
24.00	3352	0	3352
Total (IN MUS)	86.366	0.000	86.366



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING MARCH 2024 ON 30.03.2024- 86.366MUs

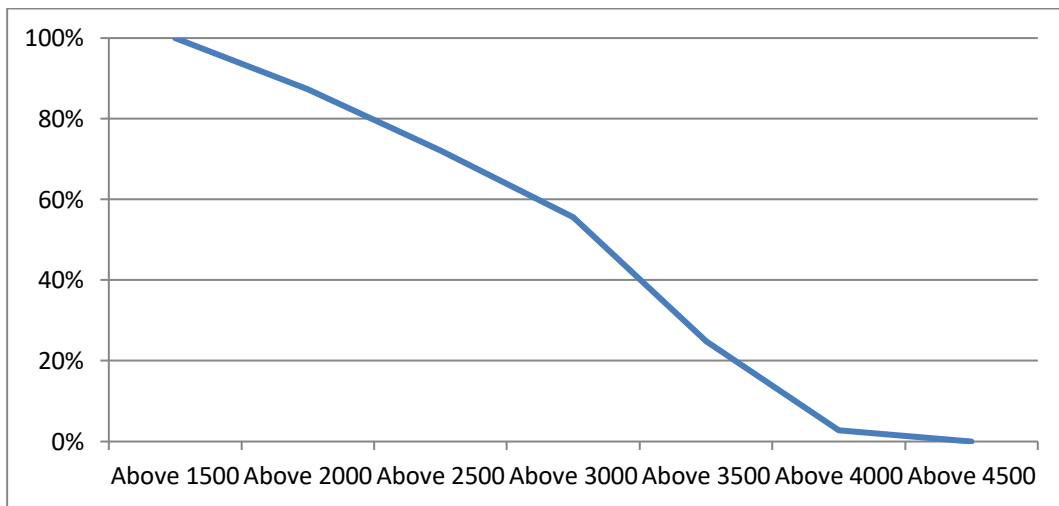
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	2986	0	2986
2.00	2855	0	2855
3.00	2759	0	2759
4.00	2749	0	2749
5.00	2827	0	2827
6.00	3036	0	3036
7.00	3289	0	3289
8.00	3396	0	3396
9.00	3461	0	3461
10.00	3841	0	3841
11.00	3970	0	3970
12.00	4027	0	4027
13.00	3922	0	3922
14.00	3909	0	3909
15.00	4002	0	4002
15.50.13	4071	0	4071
16.00	4026	0	4026
17.00	3960	0	3960
18.00	3916	0	3916
19.00	4038	0	4038
20.00	3887	0	3887
21.00	3489	0	3489
22.00	3620	0	3620
23.00	3523	0	3523
24.00	3352	0	3352
Total (IN MUS)	86.366	0.000	86.366



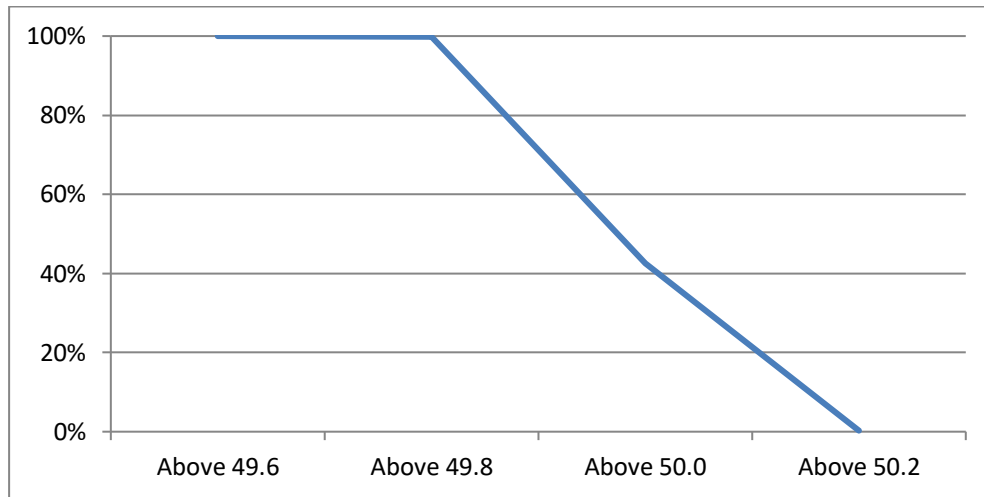
13 LOAD DURATION CURVE FOR MARCH 2024

LOAD REMAINED ABOVE IN MW	(%) OF TIME
Above 1500	100%
Above 2000	87.33%
Above 2500	72.04%
Above 3000	55.54%
Above 3500	24.83%
Above 4000	2.72%
Above 4500	0.00%



14 FREQUENCY ANALYSIS FOR THE MONTH OF MARCH 2024

FREQUENCY REMAINED ABOVE IN HZ	(%) OF TIME
Above 49.6	100%
Above 49.8	99.83%
Above 50.0	42.57%
Above 50.2	0.26%



15 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING MARCH 2024

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.03.24	230.80	217.37	235.14	223.90
02.03.24	233.00	223.24	237.71	227.78
03.03.24	233.24	223.50	238.93	227.40
04.03.24	233.70	220.30	235.71	224.66
05.03.24	232.58	221.82	234.34	224.82
06.03.24	232.42	219.95	236.51	224.36
07.03.24	232.83	221.33	236.55	227.42
08.03.24	232.31	217.19	237.20	223.60
09.03.24	232.11	219.46	236.38	225.76
10.03.24	231.63	219.75	237.32	225.49
11.03.24	231.08	215.90	235.06	221.93
12.03.24	231.82	217.59	235.42	224.43
13.03.24	232.01	216.12	234.67	223.09
14.03.24	231.95	217.05	235.64	224.95
15.03.24	231.39	214.36	234.82	221.35
16.03.24	229.72	216.96	235.97	223.96
17.03.24	231.06	218.95	235.74	225.23
18.03.24	231.24	216.78	236.27	223.36
19.03.24	230.03	216.46	234.97	222.59
20.03.24	231.44	216.81	234.76	222.51
21.03.24	231.18	219.40	233.78	226.23
22.03.24	230.64	217.81	233.13	223.27
23.03.24	229.69	218.42	234.01	223.64
24.03.24	229.73	221.89	234.97	225.39
25.03.24	232.21	225.00	239.12	227.63
26.03.24	231.02	221.01	234.65	226.71
27.03.24	229.78	219.21	233.33	223.78
28.03.24	229.86	218.59	232.85	223.35
29.03.24	228.94	217.91	232.21	222.73
30.03.24	230.15	220.23	233.62	223.79
31.03.24	229.82	221.02	235.08	225.33

16 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING MARCH 2024

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.03.24	425.10	4:00:51	399.91	10:11:13	415.87
02.03.24	425.91	13:04:10	408.73	14:23:14	416.55
03.03.24	427.47	16:01:47	407.58	9:34:13	417.63
04.03.24	426.87	4:01:18	400.67	10:18:00	416.16
05.03.24	424.27	3:59:43	402.75	9:06:32	416.27
06.03.24	425.46	4:00:18	401.88	9:39:24	416.31
07.03.24	426.60	4:00:18	405.71	9:34:18	418.15
08.03.24	426.16	18:02:53	398.85	10:17:16	416.70
09.03.24	426.33	4:01:09	402.88	9:40:19	417.19
10.03.24	427.03	18:02:55	403.76	10:04:55	418.08
11.03.24	424.67	4:00:52	397.22	9:38:12	414.93
12.03.24	425.22	2:00:51	401.31	10:10:15	414.99
13.03.24	425.42	3:01:49	397.98	11:14:22	414.53
14.03.24	425.64	2:57:29	401.13	10:19:54	414.96
15.03.24	424.83	16:03:39	398.70	11:19:31	415.17
16.03.24	422.71	17:31:50	401.15	10:07:34	414.60
17.03.24	425.44	2:00:41	404.00	11:32:56	416.95
18.03.24	426.01	3:00:09	400.60	10:09:26	415.83
19.03.24	423.54	4:00:03	399.67	9:35:33	415.45
20.03.24	425.86	3:03:24	401.80	10:37:52	414.84
21.03.24	425.34	3:00:32	403.73	9:41:08	414.71
22.03.24	424.26	3:00:50	400.99	10:44:57	414.33
23.03.24	422.14	1:42:28	405.79	10:15:48	414.89
24.03.24	424.31	17:02:09	410.07	9:38:22	418.31
25.03.24	427.92	17:02:54	412.89	12:09:48	420.26
26.03.24	425.12	4:01:24	407.39	11:48:03	417.04
27.03.24	423.17	3:27:29	404.94	11:52:20	414.78
28.03.24	423.22	4:00:28	404.05	11:43:55	414.71
29.03.24	422.35	3:29:57	402.14	11:42:16	414.16
30.03.24	424.24	4:02:15	406.74	12:13:15	414.92
31.03.24	423.85	3:02:40	409.99	11:06:48	417.37

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.03.24	422.01	4:00:59	398.49	10:10:27	412.55
02.03.24	420.75	13:04:11	404.76	14:25:25	413.07
03.03.24	421.20	17:02:43	404.46	9:36:11	413.53
04.03.24	421.30	4:01:30	397.87	11:35:22	411.15
05.03.24	418.88	4:00:02	401.08	9:17:58	411.74
06.03.24	420.08	4:00:48	399.24	10:18:08	411.87
07.03.24	421.12	4:00:14	401.71	9:33:41	412.91
08.03.24	421.50	4:00:27	394.79	10:17:26	412.33
09.03.24	421.52	4:01:11	400.11	9:40:30	412.99
10.03.24	421.25	18:02:51	400.31	10:06:46	413.90
11.03.24	421.12	4:00:51	393.99	9:38:11	411.04
12.03.24	419.92	2:20:33	397.69	11:15:39	410.34
13.03.24	419.68	3:01:55	395.91	11:48:21	410.29
14.03.24	421.33	2:58:15	397.64	10:19:46	410.43
15.03.24	418.78	2:37:36	391.85	11:14:32	409.36
16.03.24	417.90	23:59:43	394.20	11:20:14	409.31
17.03.24	420.51	2:00:39	399.41	11:34:18	412.56
18.03.24	420.73	3:00:37	395.64	11:06:21	411.00
19.03.24	418.18	2:48:31	396.27	10:06:55	410.73
20.03.24	421.62	3:03:21	397.69	11:05:36	411.22
21.03.24	421.19	3:00:28	401.53	11:41:45	411.77
22.03.24	419.95	3:24:52	398.73	10:36:08	410.55
23.03.24	417.42	3:59:47	400.94	11:35:00	410.78
24.03.24	418.74	20:57:11	406.98	9:51:58	414.28
25.03.24	421.98	3:01:05	408.24	12:15:23	416.01
26.03.24	420.60	4:01:07	404.37	11:48:49	413.39
27.03.24	419.19	3:01:38	401.03	11:49:47	411.31
28.03.24	418.33	3:33:56	400.55	11:44:11	410.28
29.03.24	417.09	2:57:02	397.56	11:36:40	409.35
30.03.24	419.88	4:02:13	403.99	12:44:59	411.18
31.03.24	419.97	3:02:47	405.34	11:06:51	413.14

DETAILS OF BREAK-DOWNS/TRIPPING DURING THE MONTH OF MARCH 2024

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	02.03.24	12:54	SHALIMAR BAGH 220/33kV 100MVA Tx-III	02.03.24	19:25	DIFFERENTIAL, RYB PHASE. 86.
2	02.03.24	17:02	220kV PRAGATI - SARITA VIHAR CKT - I	02.03.24	17:40	AT SARITA VIHAR : DIST PROT, ZONE-I., 86A, 186A&B, DIST 3.907KM.
3	03.03.24	1:00	220kV WAZIRABAD-GEETA COLONY CKT-II	03.03.24	6:59	AT GEETA COLONY : DIST PROT, ZONE-I, AT WAZIRABAD : DIST PROT, DIST 2.313KM, 86ABC.
4	03.03.24	17:17	TRAUMA CENTER 220/33kV 100MVA Tx-II	04.03.24	3:17	DIFFERENTIAL, 86A&B, ABC.
5	04.03.24	17:05	220 KV PATPARGANJ - I.P. CKT-II	04.03.24	18:36	AT I.P. : DIST PROT, ZONE-II, RYB PHASE, 86
6	08.03.24	2:19	PARKSTREET 220/33kV 100MVA Tx-I	08.03.24	17:13	RYB PHASE, 86, 86A.
7	09.03.24	14:00	220kV DIAL- MEHRAULI CKT-I	09.03.24	15:03	AT MEHRAULI : DIST PROT, DIST 6.9KM, ZONE-I.
8	12.03.24	6:40	PARKSTREET 220/33kV 100MVA Tx-I	12.03.24	8:00	86, E/F
9	12.03.24	6:40	PARKSTREET 220/33kV 100MVA Tx-II	12.03.24	11:00	86, O/C.
10	12.03.24	15:43	KASHMIRI GATE 33/11kV, 20MVA Tx	12.03.24	15:56	E/F
11	13.03.24	13:56	220kV GOPALPUR- MANDOLACKT-II	13.03.24	20:10	AT GOPALPUR : DIST PROT, ZONE-I, DIST 8.01KM.
12	15.03.24	21:20	MASJID MOTH 220/33kV 100MVA Tr-III	15.03.24	22:10	I/C TRIPPED ON 86.
13	15.03.24	21:20	MASJID MOTH 220/33kV 100MVA Tx-I	15.03.24	23:15	DIFFERENTIAL PROT, 86.
14	16.03.24	16:42	PARKSTREET 220/33kV 100MVA Tx-I	16.03.24	18:22	O/C, B PHASE E/F, BUCHOLZ.
15	19.03.24	13:15	NARELA 66/11kV, 20MVA Tx-II	19.03.24	13:30	TRIPPED WITHOUT INDICATION.
16	21.03.24	1:26	NARAINA 220/33kV 100MVA Tx-III	21.03.24	10:57	86A&B, OVER FULX.
17	22.03.24	1:26	NARAINA 220/33kV 100MVA Tx-II	24.03.24	17:47	O/C, 86, Y PHASE, E/F.
18	22.03.24	1:26	NARAINA 220/33kV 100MVA Tx-I	22.03.24	4:27	O/C, E/F, 86.
19	22.03.24	1:26	NARAINA 220/33kV 100MVA Tx-III	22.03.24	2:33	TRIPPED ALONGWITH 33KV BUS COUPLER WITHOUT INDICATION.
20	22.03.24	6:10	MASJID MOTH 220/33kV 100MVA Tr-III	22.03.24	14:40	86
21	25.03.24	11:48	220 KV PATPARGANJ - I.P. CKT-II	25.03.24	13:17	AT PATPARGANJ : DIST PROT, ZONE-I, 86, 186, RY PHASE. DIST 684.4MTS.
22	25.03.24	11:48	220 KV PATPARGANJ - I.P. CKT-I	25.03.24	13:10	AT PATPARGANJ : ANY TRIP, E/F, 186
23	26.03.24	6:24	220 KV PATPARGANJ - I.P. CKT-I	26.03.24	6:41	AT PATPARGANJ : E/F, 86.
24	26.03.24	7:08	220 KV PATPARGANJ - I.P. CKT-II	26.03.24	16:25	AT PATPARGANJ : E/F, 186.
25	27.03.24	6:39	220kV BAWANA-DSIIDC BAWANA CKT-I	27.03.24	9:39	AT DSIDC BAWANA : 86ABC.
26	29.03.24	8:44	220kV GEETA COLONY-PATPARGANJ CKT-I	29.03.24	8:56	AT GEETAOLONY : POLE DISCRIPANCY.
27	29.03.24	12:51	220kV GEETA COLONY-PATPARGANJ CKT -II	29.03.24	18:40	AT PATPARGANJ : B PHASE, DIST PROT, ZONE-I, DIST 3.7KM.

18 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF MARCH 2024

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