DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

MAY 2023

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	MAY. 2022	MAY. 2023
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 Energ Plant)	16	16
	EDWPCL (Waste to Energ Plant)	10	10
	DMSWL (Waste to Energ Plant)	24	24
	TWEPL	--	25
	Total	**2156**	**2181**
2	**Maximum Unrestricted Demand (MW)**	**6197**	**6916**
	Date	29.04.22	23.05.23
	Time	15.31.57	15.31.55
3	**Peak Demand met (MW)**	**6197**	**6916**
	Date	29.04.22	23.05.23
	Time	15.31.57	15.31.55
4	Peak Availability (MW)	6193	6887
5	Shortage (-) / Surplus (+) in MW	(-) 3	(-)29
6	Percentage Shortage (-) / Surplus (+)	(-) 0.05	(-) 0.42
7	Maximum Energy Consume in a day (Mus)	126.145	134.867
8	Energy Consumed during the month	**3101.370**	**3124.504**
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	0.004	0.000
	BRPL	0.000	0.000
	BYPL	0.108	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	**0.112**	**0.000**
B)	Due to Constraints in System in Mus		
	DTL	0.463	0.173
	TPDDL	0.044	0.046
	BRPL	0.012	0.091
	BYPL	0.018	0.002
	NDMC	0.00	0.000
	MES	0.000	0.000
	Other Agencies	0.005	0.0167
	Total	**0.542**	**0.3287**
10	**Grand Total in Mus**	**0.654**	**0.3287**

0.002 0.091 0.046

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING MAY 2023

A) For the month of May 2023

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	27.721	1.606	26.115	31.61	35.28
3.	PPCL	68.699	1.319	67.380	97.31	164.59
4.	Bawana	135.742	7.184	128.558	88.93	753.42
5.	Towmcl	15.063	2.022	13.041	--	--
6.	EDWPCL	6.678	1.077	5.601	--	--
7.	DMSWL	14.445	2.289	12.156	--	--
8.	TWEPL	18.439	2.431	16.008	--	--
	TOTAL	**286.787**	**18.052**	**268.735**	--	953.29

B) For the Year 2023-24 (Upto May 2023)

Power Station	Effective Capacity (MW)	Net Generation in MUs for May 2023	Availability (%) for May 2023	PLF (%) For May 2023	Cumulative Generation in MUs upto May 2023 for the year 2023-24	Cumulative Availability in % upto May 2023 or the year 2023-24
RPH	135	-0.124	--	--	-0.244	--
GT	270	26.115	31.61	13.51	51.68	31.81
PPCL	330	67.380	97.31	28.19	67.286	98.93
Bawana	1372	128.558	88.93	12.96	232.99	84.69
Towmcl	16	13.041	--	--	21.987	--
EDWPCL	10	5.601	--	--	8.223	--
DMSWL	24	12.156	--	--	24.699	--
TWEPL	25	16.008	--	--	34.41	--
TOTAL	2182	**268.735**	--	--	**441.031**	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI FOR MAY 2023

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	01.05.23	15.12	09.05.23	09.56	Unit stopped due to low demand
		09.05.23	15.45	11.05.23	10.00	Unit out due to STG-I main stream valve problem
		15.05.23	20.14	15.05.23	21.36	Out due to generator transformer outage
		17.05.23	16.43	17.05.23	18.55	Unit manually tripped as main stream pressure o Fsgt-1 was going high and HRSG was tripped due to statoni dark out.
2	30	01.05.23	00.00	31.05.23	23.59	Unit stopped due to low demand
3	30	NIL				
4	30	NIL				
5	30	01.05.23	00.00	31.05.23	23.59	Unit stopped due to low demand
6	30	01.05.23	00.00	01.05.23	11.13	Unit stopped due to low demand
		11.05.23	12.00	31.05.23	23.59	Unit stopped due to low demand
STG-1	30	01.05.23	15.12	09.05.23	14.05	Unit stopped due to low demand
		09.05.23	15.45	11.05.23	11.40	Unit tripped due to malfunctioning of C&I card
		15.05.23	20.14	15.05.23	22.45	Unit under shutdown due to GT-1
		17.05.23	11.10	17.05.23	12.20	Unit tripped due to durm level very high due to malfunctioning of C& I card
		17.05.23	16.38	17.05.23	20.22	Unit tripped due to heavy jerk in 66kv Switch yard which is due to snaping of condu ctor of Vidyut Bhawan ckt –ii feeder
		17.05.23	21.00	17.05.23	22.35	Unit out to attend 66ikv Generator breaker isolator.
STG-2	30	NIL				
STG-3	30	01.05.23	00.00	11.05.23	12.00	Unit stopped due to low demand

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	**104**	01.05.23	00.00	22.05.23	12.57	Unit stopped due to low demand
2	**104**	01.05.23	00.00	15.05.23	08.32	Unit stopped due to low demand
		17.05.23	12.21	17.05.23	13.26	Unit tripped due to grid disturbance
		25.05.23	17.00	31.05.23	23.59	Unit stopped due to low demand
STG	**122**	01.05.23	00.00	15.05.23	14.32	Unit stopped due to low demand
		17.05.23	12.21	17.05.23	15.42	Unit tirpepd due to grid disturbance
		27.05.23	15.00	27.05.23	18.53	STG stopped to attend fault.

(D) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	NIL				
2	216	NIL				
3	216	NIL				
4	216	NIL				
STG -1	254	01.05.23	00.00	01.05.23	23.59	OVERHAULING
STG -2	254	NIL				

4 ALLOCATION OF POWER TO DISCOMS

A) ALLOCTION 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	NDMC	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										
NTPC STATIONS										
Singrauli STPS	2000	7.50	150.00	30	74	46	0	0		
Rihand Stage-I	1000	10.00	100.00	69	0	31	0	0		
Rihand Stage -II	1000	12.60	126.00	55	32	39	0	0		
Rihand Stage-III	1000	13.19	131.91	78	54	0	0	0		
ANTA GPS	419	10.50	44.00	19	11	13	0	0		
Auriya GPS	663.36	10.86	72.04	32	18	22	0	0		
Dadri GPS	829.78	10.96	90.94	40	23	28	0	0		
Dadri (Th)-I	840	90.00	756.00	559	62	10	125	0		
Dadri (Th) -II	980	74.24	727.53	543	175	10	0	0		
Unchahaar-I TPS	420	5.71	23.98	11	6	7	0	0		
Unchahaar-II TPS	420	11.19	47.00	21	12	14	0	0		
Unchahaar-III TPS	210	13.81	29.00	13	7	9	0	0		
Unchahaar-IV TPS	500									
Jhajjar	1500	46.20	693.00	10	69	614	0	0		
Farakka(From ER)	1600	1.39	22.24	10	6	7	0	0		
Kahalgaon-I(From ER)	840	6.07	50.99	22	13	16	0	0		
Kahalgaon-II(From ER)	1500	10.49	157.35	69	40	48	0	0		
TOTAL NTPC	**15722**		**3221.98**	**1581**	**602**	**914**	**125**	**0**	**0**	**0**
NHPC (HYDRO)										
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		
Dhauli 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	NDMC	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				
NPC (NUCLEAR)										
Narora APS	440	10.68	46.99	33	0	14	0	0		
RAPP (C)	440	12.69	55.84	25	14	17	0	0		
TOTAL NPC	**880**		**102.83**	**57**	**14**	**32**	**0**	**0**	**0**	**0**
Allocation from ER										
Tala HEP	1020	2.94	29.99	13	8	9	0	0		
SASAN	3960	11.25	445.50	66.08	311.08	68.34	0	0		
DVC(CTPS7 &8)			**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**
Allocation from Long term Bilateral										
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) ALLOCTION 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	TPDDL	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										
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**		**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		
Dhauli 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		
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**	**14.83**	**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**

5 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING MAY 2023

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	11.22.54	48	0	-10	12	6	17	-1	72	3595	3754	-159	3667	0	3667
2	11.48.13	38	0	350	9	8	17	0	422	3324	3359	-35	3746	0	3746
3	11.41.11	36	0	-8	18	0	17	19	82	3987	3847	140	4069	0	4069
4	19.18.35	37	0	-5	19	5	13	26	95	3652	3620	32	3747	0	3747
5	12.02.57	36	0	-4	18	7	14	26	97	3866	3893	-27	3963	0	3963
6	11.26.09	35	0	-4	14	9	17	25	96	3819	3735	84	3915	0	3915
7	15.55.26	34	0	-4	18	9	15	20	92	3767	3799	-32	3859	0	3859
8	15.52.40	34	0	-5	17	6	17	27	96	4538	4403	135	4634	0	4634
9	15.47.41	56	0	31	18	5	18	27	155	4451	4461	-10	4606	0	4606
10	15.30.14	34	2	271	19	10	17	22	375	4257	4253	4	4632	0	4632
11	15.50.25	35	0	270	15	7	15	23	365	4569	4551	18	4934	0	4934
12	16.01.56	34	0	270	15	9	15	23	366	4833	4755	78	5199	0	5199
13	23.21.11	36	0	514	16	10	18	25	619	4652	4610	42	5271	0	5271
14	23.35.03	37	0	484	18	5	18	24	586	4650	4715	-65	5236	0	5236
15	15.46.01	34	141	471	18	0	17	22	703	5030	5047	-17	5733	0	5733
16	23.23.55	36	148	315	19	6	13	27	564	5217	5146	71	5781	0	5781
17	15.27.29	33	91	268	17	7	12	25	453	5500	5354	146	5953	27	5980
18	00.00.00	37	151	317	18	8	16	24	571	5025	5194	-169	5596	0	5596
19	15.27.06	35	146	271	15	7	19	0	493	5025	5147	-122	5518	0	5518
20	23.20.30	37	149	281	18	4	8	25	522	5004	5134	-130	5526	0	5526
21	23.21.07	36	148	310	18	10	4	26	552	5459	5474	-15	6011	0	6011
22	15.29.25	33	254	272	18	0	4	24	605	5927	5959	-32	6532	0	6532
23	15.31.55	32	265	298	18	8	17	25	663	6252	6222	30	6915	0	6915
24	00.00.00	38	264	280	18	10	19	27	656	5486	5875	-389	6142	0	6142
25	16.01.48	35	266	267	18	9	18	28	641	4991	5046	-55	5632	0	5632
26	23.31.02	38	151	-5	18	8	0	28	238	4878	4837	41	5116	0	5116
27	00.01.10	38	151	-6	18	9	20	27	257	4800	4727	73	5057	0	5057
28	23.11.17	38	150	-5	18	8	18	26	253	4580	4804	-224	4833	0	4833
29	12.44.06	38	144	-4	18	9	18	27	250	4642	4619	23	4892	0	4892
30	15.35.51	35	144	-6	19	8	14	26	240	4711	4776	-65	4951	0	4951
31	15.18.02	38	149	-4	16	8	17	26	250	4264	4369	-105	4514	0	4514

6 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING MAY 2023

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	11.22.54	48	0	-10	12	6	17	-1	72	3595	3754	-159	3667	0	3667
2	11.48.13	38	0	350	9	8	17	0	422	3324	3359	-35	3746	0	3746
3	11.41.11	36	0	-8	18	0	17	19	82	3987	3847	140	4069	0	4069
4	19.18.35	37	0	-5	19	5	13	26	95	3652	3620	32	3747	0	3747
5	12.02.57	36	0	-4	18	7	14	26	97	3866	3893	-27	3963	0	3963
6	11.26.09	35	0	-4	14	9	17	25	96	3819	3735	84	3915	0	3915
7	15.55.26	34	0	-4	18	9	15	20	92	3767	3799	-32	3859	0	3859
8	15.52.40	34	0	-5	17	6	17	27	96	4538	4403	135	4634	0	4634
9	15.47.41	56	0	31	18	5	18	27	155	4451	4461	-10	4606	0	4606
10	15.30.14	34	2	271	19	10	17	22	375	4257	4253	4	4632	0	4632
11	15.50.25	35	0	270	15	7	15	23	365	4569	4551	18	4934	0	4934
12	16.01.56	34	0	270	15	9	15	23	366	4833	4755	78	5199	0	5199
13	23.21.11	36	0	514	16	10	18	25	619	4652	4610	42	5271	0	5271
14	23.35.03	37	0	484	18	5	18	24	586	4650	4715	-65	5236	0	5236
15	15.46.01	34	141	471	18	0	17	22	703	5030	5047	-17	5733	0	5733
16	23.23.55	36	148	315	19	6	13	27	564	5217	5146	71	5781	0	5781
17	15.27.29	33	91	268	17	7	12	25	453	5500	5354	146	5953	27	5980
18	00.00.00	37	151	317	18	8	16	24	571	5025	5194	-169	5596	0	5596
19	15.27.06	35	146	271	15	7	19	0	493	5025	5147	-122	5518	0	5518
20	23.20.30	37	149	281	18	4	8	25	522	5004	5134	-130	5526	0	5526
21	23.21.07	36	148	310	18	10	4	26	552	5459	5474	-15	6011	0	6011
22	15.29.25	33	254	272	18	0	4	24	605	5927	5959	-32	6532	0	6532
23	15.31.55	32	265	298	18	8	17	25	663	6252	6222	30	6915	0	6915
24	00.00.00	38	264	280	18	10	19	27	656	5486	5875	-389	6142	0	6142
25	16.01.48	35	266	267	18	9	18	28	641	4991	5046	-55	5632	0	5632
26	23.31.02	38	151	-5	18	8	0	28	238	4878	4837	41	5116	0	5116
27	00.01.10	38	151	-6	18	9	20	27	257	4800	4727	73	5057	0	5057
28	23.11.17	38	150	-5	18	8	18	26	253	4580	4804	-224	4833	0	4833
29	12.44.06	38	144	-4	18	9	18	27	250	4642	4619	23	4892	0	4892
30	15.35.51	35	144	-6	19	8	14	26	240	4711	4776	-65	4951	0	4951
31	15.18.02	38	149	-4	16	8	17	26	250	4264	4369	-105	4514	0	4514

7 SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR MAY 2023

(ALL FIGURES IN MUS)

GENERATION WITHIN DELHI	AVAILABILITY	SCHEDULE
Rajghat Power House	0.000	0.000
Gas Turbine	61.597	26.389
Pragati-I	231.682	67.350
Pragati-III (Bawana)	962.140	128.871
Rithala	0.000	0.000
Badarpur	0.000	0.000
Renewable (include WTE)	48.655	48.655
TOTAL DELHI GEN.	**1304.073**	**271.264**

NAME OF STATION	AVAILABILITY	SCHEDULE
SINGRAULI STPS	101.993	98.908
RIHAND STPS	70.456	65.732
DADRI TPS	427.177	0.000
UNCHAHAR-I TPS	16.487	8.794
UNCHAHAR-II TPS	34.155	23.831
ANTA GPP-GF	29.244	0.000
ANTA GPP-LF	0.000	0.000
ANTA GPP-RF	0.000	0.436
ANTA CRF	0.000	0.000
AURAIYA GPP-GF	52.725	0.000
AURAIYA GPP-LF	0.000	0.000
AURAIYA GPP-RF	0.000	1.321
AURIYA CRF	0.000	0.000
DADRI GPP-GF	65.782	0.000
DADRI GPP-LF	0.000	0.008
DADRI GPP-RF	0.000	1.790
DADRI CRF	0.000	0.000
BAIRASIUL HEP	9.403	9.403
SALAL HEP	46.997	46.997
TANAKPUR HEP	1.747	1.747
CHAMERA HEP	22.375	22.375
URI HEP	37.411	37.411
NATHPA JHAKRI HEP	42.361	42.361
CHAMERA HEP-II	26.036	26.036
RIHAND-II STPS	90.136	84.212
DHAULIGANGA HEP	9.577	9.577
TEHRI HEP	12.096	12.096
UNCHAHAR-III TPS	20.995	13.370
DULHASTI HEP	36.624	36.624

NAME OF STATION	AVAILABILITY	SCHEDULE
DADRI II	459.914	215.039
SEWA-II	12.704	12.704
jhajjar	470.660	221.851
NAPP	30.300	30.300
RAPP C	44.414	44.414
RAPPB_4 C	0.000	0.000
KOTESWAR	8.119	8.119
SASAN	1600.000	260.279
CHAMERA III	17.949	17.949
RIHAND3	98.839	92.406
KAHALGAON1	32.000	21.877
KAHALGAON2	111.000	87.605
TALA	0.195	0.195
FARAKA	16.000	9.995
URI 2 HEP	24.734	24.734
Parvati3	6.313	6.313
Koldam	1.005	1.005
SINGRAULI SHEP	0.781	0.781
UNCHAHAR - IV TPS	1.000	0.494
TALCHER (BTPS)	0.000	0.000
Nabinagar STPS(BRBCL)	19.320	10.094
Meja TPS	4.286	4.286
Tanda-II TPS	1.331	1.331
Rampur	0.837	0.837
Kishan Ganag	1.977	1.977
Surya kanta Hydro	0.000	0.000
Nanti Hydro	0.000	0.000
Teranda hydro	0.000	0.000
Ramagundum STPS I&II	4.808	4.808
Ramagundum STPS III	1.370	1.370
TALCHER STPS-II	1.706	1.706
SIMHADRI STPS -II	0.815	0.815
KUDGI STPS -I	3.949	3.949
NLC TPS(II)-1	0.634	0.634
NLC TPS(II)-2	0.309	0.309
NLC TPS(E)-1	1.004	1.004
NLC TPS(E)-2	0.577	0.577
NLC-NNTPS	0.128	0.128
NTECL-Vallur STPS	1.396	1.396
NTPL- TutIcorin	1.849	1.849
NPCIL-MAPS	0.182	0.182

NAME OF STATION	AVAILABILITY	SCHEDULE
NPCIL-KAIGA GS-1&2	1.485	1.485
NPCIL-KAIGA GS-3&4	1.259	1.259
NPCIL-KKNPP-1	1.153	1.153
KSTPS I&II	2.137	2.137
KSTPS7	0.994	0.994
VSTPS I	1.749	1.749
VSTPS II	1.442	1.442
VSTPS III	1.400	1.400
VSTPS IV	1.989	1.989
VSTPS-V	0.987	0.987
KAWAS KGPP	0.002	0.002
GANDHAR GGPP	0.002	0.002
SIPAT I	3.824	3.824
SIPAT II	1.006	1.006
MSTPS-I (MOUDA)	1.441	1.441
MSTPS-II (MOUDA_II)	2.455	2.455
SSTPP(SOLAPUR)	1.797	1.797
GSTPP(GADARWARA-I)	1.848	1.848
LSTPP9LARA-I)	3.162	3.162
KHTPP(KHARGONE-I)	2.200	2.200
KAPP	0.622	0.622
TAPP 3&4 (TAPS-II)	1.762	1.762
TOTAL	**4170.900**	**1671.059**
LTA	**894.960**	**894.960**
TOTAL ISGS (ISGS + LTA)	**5065.86**	**2566.019**
TOTAL AVAILABILITY	**6369.933**	**2837.283**

8. SHEDDING DETAILS DURING THE MONTH OF MAY 2023

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
01.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.05.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	**0**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ALL FIGURES IN MUs

Date	Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VOILATION				DUE TO NEW GRID CODE REGULATION DEVIATOIN			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
01.05.23	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
02.05.23	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
03.05.23	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
04.05.23	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
05.05.23	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
06.05.23	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
07.05.23	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
08.05.23	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
09.05.23	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
10.05.23	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
11.05.23	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
12.05.23	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
13.05.23	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
14.05.23	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
15.05.23	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
16.05.23	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
17.05.23	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
18.05.23	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
19.05.23	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
20.05.23	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
21.05.23	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
22.05.23	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
23.05.23	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
24.05.23	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
25.05.23	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
26.05.23	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
27.05.23	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
28.05.23	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
29.05.23	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
30.05.23	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
31.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ALL FIGURES IN MUs

Date	DUE TO T&D CONSTRAINTS IN DELHI SYSTEM								
	DTL					DISCOMS			
	BSES		TPDDL	NDMC	MES	BSES		TPDDL	NDMC
	BYPL	BRPL				BYPL	BRPL		
1	26	27	28	29	30	31	32	33	34
01.05.23	0.000	0.002	0.001	0.000	0.000	0.000	0.016	0.000	0.000
02.05.23	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.05.23	0.000	0.004	0.002	0.000	0.000	0.000	0.000	0.002	0.000
04.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
05.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000
06.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.05.23	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000
12.05.23	0.001	0.013	0.016	0.000	0.000	0.000	0.000	0.000	0.000
13.05.23	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.05.23	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.002	0.000
15.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.000
17.05.23	0.000	0.046	0.002	0.000	0.000	0.000	0.002	0.029	0.000
18.05.23	0.000	0.000	0.000	0.000	0.000	0.002	0.005	0.000	0.000
19.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.05.23	0.000	0.007	0.008	0.000	0.000	0.000	0.000	0.000	0.000
23.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.000
24.05.23	0.000	0.000	0.012	0.000	0.000	0.000	0.004	0.000	0.000
25.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.028	0.000	0.000
26.05.23	0.000	0.000	0.007	0.000	0.000	0.000	0.001	0.000	0.000
27.05.23	0.000	0.005	0.004	0.000	0.000	0.000	0.016	0.002	0.000
28.05.23	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
30.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000
31.05.23	0.001	0.012	0.000	0.000	0.000	0.000	0.000	0.002	0.000
TOTAL	0.002	0.094	0.077	0.000	0.000	0.002	0.091	0.046	0.000

ALL FIGURES IN MUs

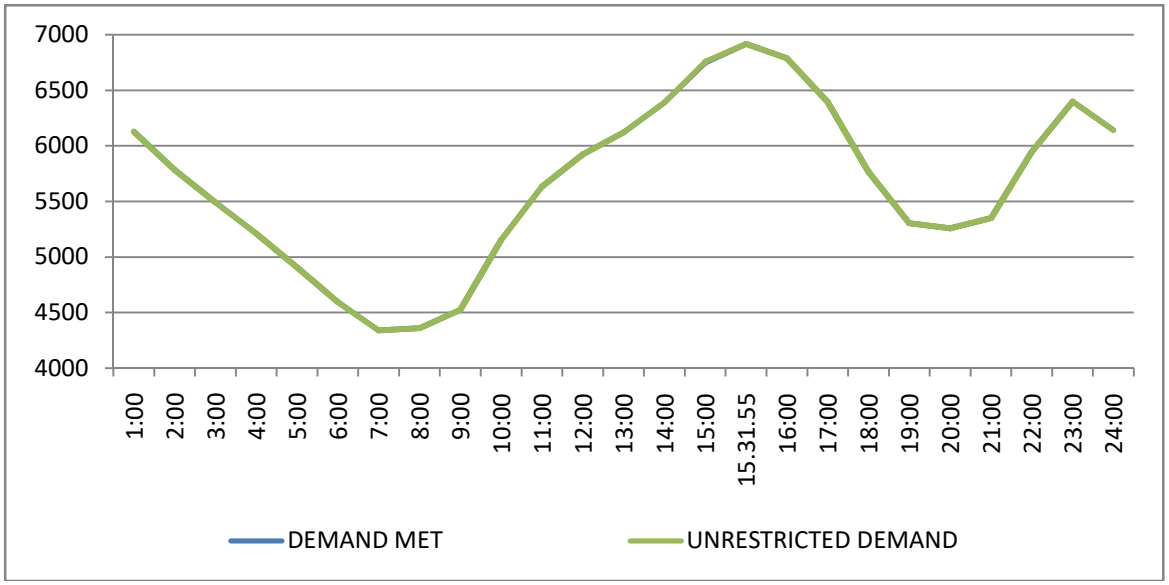
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.018	0.018
02.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003
03.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007
04.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
05.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
06.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
12.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.030
13.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
14.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.027	0.027
15.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.014
17.05.23	0.000	0.0167	0.000	0.000	0.000	0.000	0.000	0.096	0.096
18.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007
19.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.015
23.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.004
24.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.016
25.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.029
26.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.008
27.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.027	0.027
28.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
29.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
30.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007
31.05.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.015
TOTAL	0.000	0.0167	0.000	0.000	0.000	0.000	0.000	0.329	0.329

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	32	33	34	35	36=33+35	37=39+40	38	39	40
01.05.23	76.259	3667	11:22:54	0	3667	3667	11:22:54	3667	0
02.05.23	75.357	3746	11:48:13	0	3746	3746	11:48:13	3746	0
03.05.23	74.037	4069	11:41:11	0	4069	4069	11:41:11	4069	0
04.05.23	75.097	3747	19:18:35	0	3747	3747	19:18:35	3747	0
05.05.23	77.566	3963	12:02:57	0	3963	3963	12:02:57	3963	0
06.05.23	82.465	3915	11:26:09	0	3915	3915	11:26:09	3915	0
07.05.23	81.061	3859	15:55:26	0	3859	3859	15:55:26	3859	0
08.05.23	91.767	4634	15:52:40	0	4634	4634	15:52:40	4634	0
09.05.23	94.391	4606	15:47:41	0	4606	4606	15:47:41	4606	0
10.05.23	96.039	4630	15:30:14	0	4630	4630	15:30:14	4630	0
11.05.23	99.742	4934	15:50:25	0	4934	4934	15:50:25	4934	0
12.05.23	104.907	5199	16:01:56	0	5199	5199	16:01:56	5199	0
13.05.23	109.513	5271	23:21:11	0	5271	5271	23:21:11	5271	0
14.05.23	106.005	5236	23:35:03	0	5236	5236	23:35:03	5236	0
15.05.23	113.806	5733	15:46:01	0	5733	5733	15:46:01	5733	0
16.05.23	115.983	5781	23:23:55	0	5781	5781	23:23:55	5781	0
17.05.23	117.917	5953	15:27:29	27	5980	5980	15:27:29	5953	27
18.05.23	112.549	5595	0:00:00	0	5595	5595	0:00:00	5595	0
19.05.23	112.020	5518	15:27:06	0	5518	5518	15:27:06	5518	0
20.05.23	113.106	5526	23:20:30	0	5526	5526	23:20:30	5526	0
21.05.23	114.478	6011	23:21:07	0	6011	6011	23:21:07	6011	0
22.05.23	124.626	6532	15:29:25	0	6532	6532	15:29:25	6532	0
23.05.23	134.871	6916	15:31:55	0	6916	6916	15:31:55	6916	0
24.05.23	122.234	6141	0:00:00	0	6141	6141	0:00:00	6141	0
25.05.23	112.008	5360	16:01:48	0	5360	5360	16:01:48	5360	0
26.05.23	104.363	5116	23:31:02	0	5116	5116	23:31:02	5116	0
27.05.23	96.683	5057	0:01:10	0	5057	5057	0:01:10	5057	0
28.05.23	97.061	4833	23:11:17	0	4833	4833	23:11:17	4833	0
29.05.23	99.760	4892	12:44:06	0	4892	4892	12:44:06	4892	0
30.05.23	98.383	4951	15:35:51	0	4951	4951	15:35:51	4951	0
31.05.23	90.747	4512	15:18:02	0	4512	4512	15:18:02	4512	0
TOTAL	3124.798	6916	15.31.55	0					

9. LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING MAY 2023 ON 23.05.2023 - 6916MW AT 15.31.55HRS.

All figures in MW

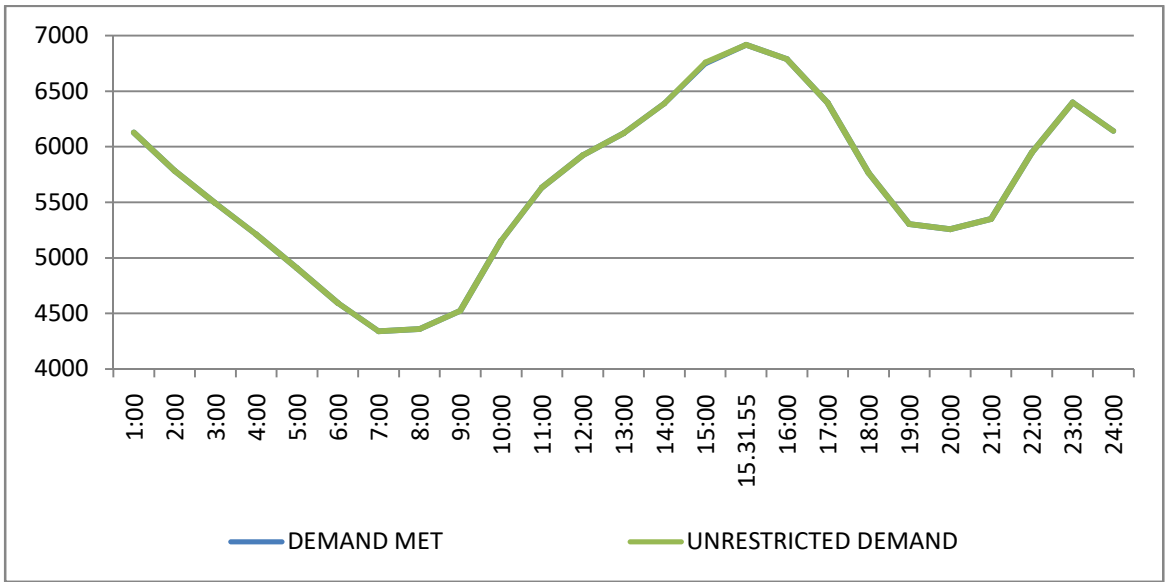
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	6127	0	6127
2:00	5783	0	5783
3:00	5489	0	5489
4:00	5212	0	5212
5:00	4907	0	4907
6:00	4592	0	4592
7:00	4338	0	4338
8:00	4359	0	4359
9:00	4524	0	4524
10:00	5153	0	5153
11:00	5631	0	5631
12:00	5923	0	5923
13:00	6122	0	6122
14:00	6389	0	6389
15:00	6749	7	6756
15.31.55	6916	0	6916
16:00	6785	0	6785
17:00	6393	0	6393
18:00	5764	0	5764
19:00	5302	0	5302
20:00	5258	0	5258
21:00	5348	0	5348
22:00	5944	0	5944
23:00	6398	0	6398
24:00	6141	0	6141
Total in MUs	**134.867**	**0.0036**	**134.871**



10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING MAY 2023 ON 23.05.2023- 6916MW AT 15.31.55HRS.

All figures in MW

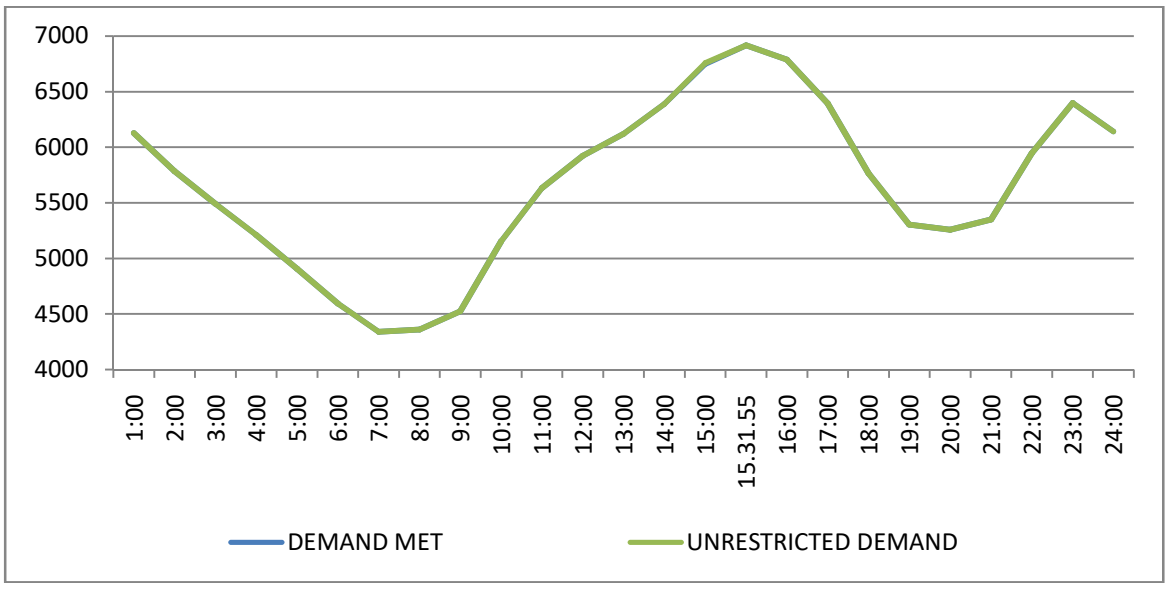
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	6127	0	6127
2:00	5783	0	5783
3:00	5489	0	5489
4:00	5212	0	5212
5:00	4907	0	4907
6:00	4592	0	4592
7:00	4338	0	4338
8:00	4359	0	4359
9:00	4524	0	4524
10:00	5153	0	5153
11:00	5631	0	5631
12:00	5923	0	5923
13:00	6122	0	6122
14:00	6389	0	6389
15:00	6749	7	6756
15.31.55	6916	0	6916
16:00	6785	0	6785
17:00	6393	0	6393
18:00	5764	0	5764
19:00	5302	0	5302
20:00	5258	0	5258
21:00	5348	0	5348
22:00	5944	0	5944
23:00	6398	0	6398
24:00	6141	0	6141
Total in MUs	**134.867**	**0.0036**	**134.871**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING MAY 2023 – 23.05.2023 – 134.867Mus

All figures in MW

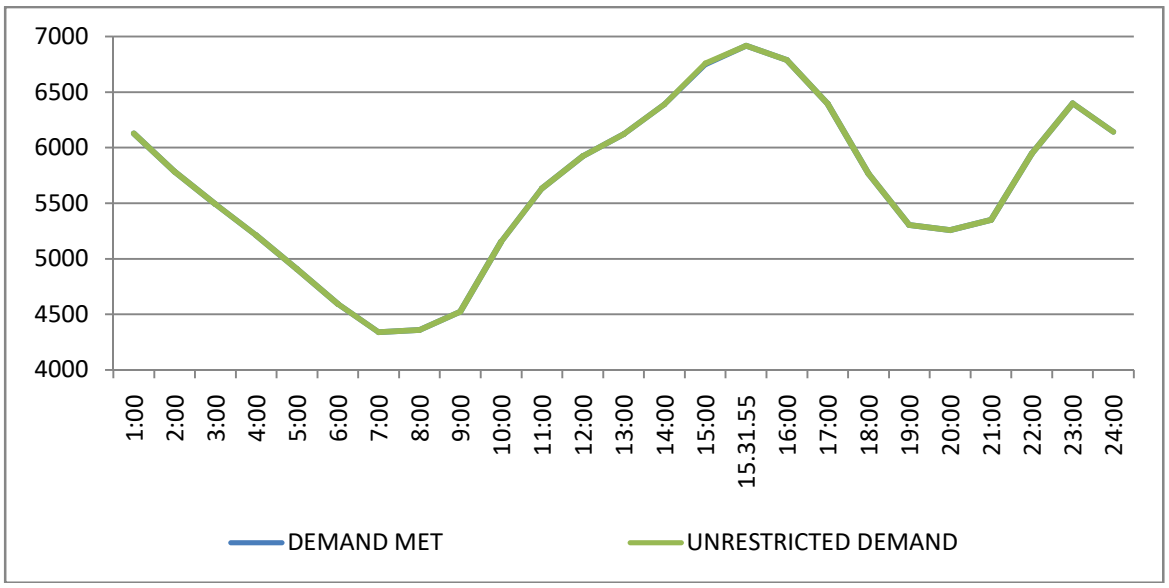
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	6127	0	6127
2:00	5783	0	5783
3:00	5489	0	5489
4:00	5212	0	5212
5:00	4907	0	4907
6:00	4592	0	4592
7:00	4338	0	4338
8:00	4359	0	4359
9:00	4524	0	4524
10:00	5153	0	5153
11:00	5631	0	5631
12:00	5923	0	5923
13:00	6122	0	6122
14:00	6389	0	6389
15:00	6749	7	6756
15.31.55	6916	0	6916
16:00	6785	0	6785
17:00	6393	0	6393
18:00	5764	0	5764
19:00	5302	0	5302
20:00	5258	0	5258
21:00	5348	0	5348
22:00	5944	0	5944
23:00	6398	0	6398
24:00	6141	0	6141
Total in MUs	**134.867**	**0.0036**	**134.871**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING MAY 2023 - ON 23.05.2023- 134.871MUs

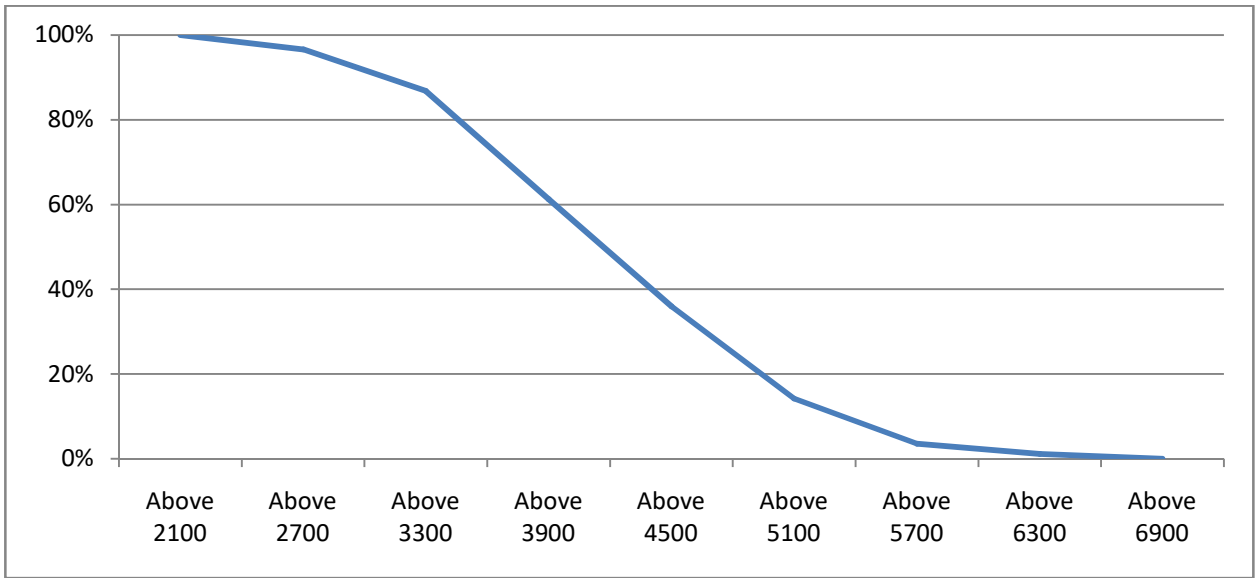
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	6127	0	6127
2:00	5783	0	5783
3:00	5489	0	5489
4:00	5212	0	5212
5:00	4907	0	4907
6:00	4592	0	4592
7:00	4338	0	4338
8:00	4359	0	4359
9:00	4524	0	4524
10:00	5153	0	5153
11:00	5631	0	5631
12:00	5923	0	5923
13:00	6122	0	6122
14:00	6389	0	6389
15:00	6749	7	6756
15.31.55	6916	0	6916
16:00	6785	0	6785
17:00	6393	0	6393
18:00	5764	0	5764
19:00	5302	0	5302
20:00	5258	0	5258
21:00	5348	0	5348
22:00	5944	0	5944
23:00	6398	0	6398
24:00	6141	0	6141
Total in MUs	**134.867**	**0.0036**	**134.871**



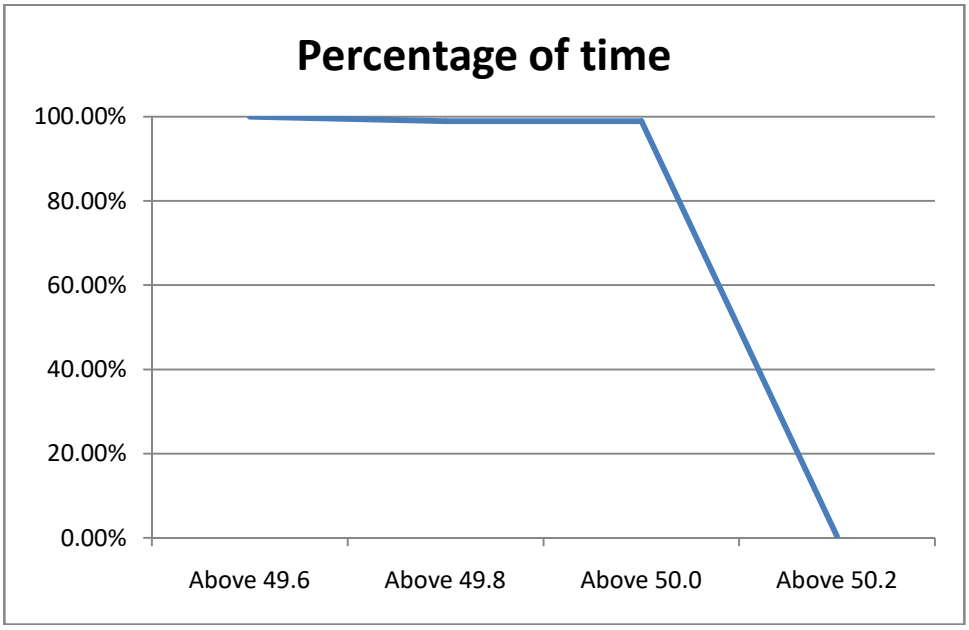
13 LOAD DURATION CURVE FOR MAY 2023

LOAD REMAINED ABOVE IN MW	(%) OF TIME
Above 2100	100%
Above 2700	96.57%
Above 3300	86.73%
Above 3900	61.19%
Above 4500	35.92%
Above 5100	14.15%
Above 5700	3.56%
Above 6300	1.08%
Above 6900	0.01%



14 FREQUENCY ANALYSIS FOR THE MONTH OF MAY 2023

FREQUENCY REMAINED ABOVE IN HZ	(%) OF TIME
Above 49.6	100.00%
Above 49.8	98.92%
Above 50.0	98.92%
Above 50.2	0.37%



15 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING MAY 2023

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.05.23	233.02	222.96	236.97	225.75
02.05.23	235.38	222.08	238.99	225.76
03.05.23	233.57	220.85	236.95	222.15
04.05.23	234.68	221.68	240.04	219.14
05.05.23	234.17	220.25	235.93	221.01
06.05.23	231.96	218.25	234.02	219.02
07.05.23	232.81	220.89	234.25	225.23
08.05.23	231.57	218.07	237.17	221.52
09.05.23	231.65	218.79	232.84	218.03
10.05.23	231.43	218.76	232.39	219.66
11.05.23	229.66	218.67	231.44	215.64
12.05.23	230.84	215.3	231.34	215.54
13.05.23	229.14	214.07	229.79	210.99
14.05.23	229.93	216.35	230.17	217.11
15.05.23	228.84	213.54	231.73	217.23
16.05.23	227.34	214.68	233.31	219.1
17.05.23	225.72	214.16	229.65	202.33
18.05.23	232.31	214.74	237.94	220.17
19.05.23	226.49	214.75	230.55	219.76
20.05.23	227.3	214.87	230.43	218.02
21.05.23	226.44	214.76	232.97	218.23
22.05.23	227.91	213.49	228.96	214.68
23.05.23	226.66	213.58	226.27	213.49
24.05.23	230.22	218.97	230	218.82
25.05.23	229.28	216.59	233.79	217.24
26.05.23	230.43	217.33	231.39	216.76
27.05.23	235.45	218.2	234.99	217.81
28.05.23	230.46	220.25	230.81	220.01
29.05.23	230.44	218.81	232.44	219.47
30.05.23	231.9	219.57	235.57	220.02
31.05.23	230.98	220.43	233.18	221.32

16 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING MAY 2023

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.05.23	425.81	13:22	405.89	11:18	416.48
02.05.23	427.41	3:55	403.83	10:58	415.2
03.05.23	425.29	4:00	402.16	11:41	415.28
04.05.23	424.17	4:01	404.73	19:23	413.32
05.05.23	424.68	3:58	402.49	19:17	412.73
06.05.23	420.51	3:58	398.41	10:12	411.5
07.05.23	422.01	5:02	407.74	19:36	415.34
08.05.23	423.38	3:26	399.71	11:46	410.97
09.05.23	420.5	4:03	398.36	10:21	410.44
10.05.23	423.31	4:37	401.26	10:14	411.62
11.05.23	420.45	5:01	398.7	10:51	410.52
12.05.23	420.49	4:14	395.4	10:08	408.76
13.05.23	417.06	4:59	393.07	10:46	406.59
14.05.23	420.61	18:02	396.22	0:03	409.75
15.05.23	418.21	6:01	394.06	15:26	407.05
16.05.23	416.88	18:03	393.27	1:51	406.34
17.05.23	414.35	18:34	395.43	14:16	405.17
18.05.23	423.02	3:56	396.94	14:13	407.51
19.05.23	414.56	6:01	396.62	11:50	405.35
20.05.23	414.01	3:37	392.29	22:11	404.7
21.05.23	416.19	6:29	393.45	23:35	405.87
22.05.23	415.96	7:00	392.06	10:42	403.23
23.05.23	413.45	17:05	393.98	14:26	405.01
24.05.23	417.03	7:16	402.11	15:09	409.57
25.05.23	417.62	4:29	395.75	11:31	407.82
26.05.23	405.44	0:43	405.44	0:43	405.44
27.05.23	405.44	0:45	405.44	0:45	405.44
28.05.23	405.44	0:46	405.44	0:46	405.44
29.05.23	417.39	18:49	403.55	13:46	407.95
30.05.23	422.94	4:29	401.85	11:22	412.66
31.05.23	418.68	4:59	402.75	11:43	411.67

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.05.23	422.95	3:36	405.13	11:19	416.02
02.05.23	428.09	3:55	405.06	9:23	415.53
03.05.23	425.1	4:00	399.51	11:41	413.51
04.05.23	424.95	4:01	402.65	10:17	412.12
05.05.23	422.63	3:58	399.43	19:38	410.44
06.05.23	418.97	4:00	396.97	9:07	409.67
07.05.23	420.47	5:02	403.94	19:33	413.5
08.05.23	420.63	3:27	393.85	9:08	408.56
09.05.23	419.4	4:03	397.41	10:22	409.17
10.05.23	422.17	4:37	399.56	10:14	410.64
11.05.23	419.47	5:02	397.93	10:08	408.58
12.05.23	419.35	4:01	393.04	10:07	407.03
13.05.23	416.86	4:02	390.36	10:46	405.7
14.05.23	418.68	6:01	398.31	0:02	408.38
15.05.23	417.31	6:01	394.63	10:14	406.16
16.05.23	415.83	3:27	396.82	22:12	405.66
17.05.23	410.96	5:31	390.45	12:53	402.96
18.05.23	421.88	3:56	395.84	14:41	406.53
19.05.23	412.47	6:01	395.05	11:50	403.88
20.05.23	412.38	6:01	395.65	23:03	403.66
21.05.23	412.76	6:36	395.19	23:34	404.96
22.05.23	413.07	7:00	390.12	10:42	401.05
23.05.23	409.94	21:14	391.7	14:23	403.02
24.05.23	413.64	3:59	401.29	15:09	407.11
25.05.23	418	4:29	396.51	11:31	410.14
26.05.23	419.38	3:41	394.72	12:17	406.67
27.05.23	425.9	6:30	394.45	14:18	407.78
28.05.23	417.35	7:25	393.18	22:16	405.29
29.05.23	415.11	6:03	392.23	10:39	405.95
30.05.23	420.15	5:01	399.18	11:22	409.83
31.05.23	416.8	5:01	399.95	11:42	409.65

17 DETAILS OF BREAK-DOWNS/TRIPPING DURING THE MONTH OF MAY 2023

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	01.05.23	11:25	33/11kV, 16MVA Tx-2 at KASHMIRI GATE	01.05.23	11:50	E/F.
2	01.05.23	11:25	33/11kV, 20MVA Tx-1 at KASHMIRI GATE	01.05.23	11:50	E/F.
3	01.05.23	17:30	66KV I/C-2 OF 220/66KV 100MVA TX-2 AT OKHLA	01.05.23	20:30	SPR, LVCB, HV/LV, 86
4	02.05.23	3:19	220kV VASANT KUNJ - R.K.PURAM CKT.-I	02.05.23	3:37	VASANT KUNJ : DIFFERENTIAL, MAIN-II, OV,
5	02.05.23	20:25	33/11kV, 16MVA Tx-2 AT SUBZI MANDI	04.05.23	18:30	RYB PHASE, DIFFERENTIAL, 86.
6	03.05.23	13:40	66KV I/C-3 OF 220/66kV 160MVA Tx-3 AT VASANT KUNJ	04.05.23	18:53	O/C, B PHASE , 86, E/F.
7	03.05.23	15:38	220/66kV 160MVA TR. -1 AT SGTN	03.05.23	17:11	86A&B.
8	06.05.23	15:25	220kV MAHARANI BAGH - SARITA VIHAR CKT	06.05.23	16:57	AT SARITA VIHAR : R PHASE, DIST PROT, ZONE-I, DIST- 7.5KM.
9	07.05.23	9:44	66/11KV 20MVA TX-3 AT WAZIRABAD	07.05.23	15:35	E/F,LV REF
10	10.05.23	19:40	220/66 KV 100 MVA TX-I ROHINI-2	10.05.23	21:09	INCOMER TRIPPED OFF ON 86
11	11.05.23	21:32	220kV GOPAL PUR -MANDOLA CKT. -I	11.05.23	22:31	AT GOPAL PUR: AUTO TRIP,DIFFERENTIAL, SNTC FAIL.
12	12.05.23	11:10	NARELA 220/66KV 100MVA TX-I	12.05.23	11:30	AT NARELA. : TRIPPED WITHOUT INDICATION
13	12.05.23	12:59	220kV GOPAL PUR -MANDOLA CKT. -II	12.05.23	15:49	AT GOPAL PUR: 86, B PHASE DIFFERENTIAL FAULT, DISTANCE PROTECTION DISTANCE 44.43KM.
14	12.05.23	14:28	220kV SOW -MANDOLA CKT. -I	12.05.23	16:20	AT SOW. : R PHASE DIFFERENTILA TRIP.
15	12.05.23	14:31	220kV WAZIRABAD -GOPAL PUR CKT. -I	12.05.23	16:08	AT GOPAL PUR: B PHASE DIFFERENTIAL, ZONE-I, DISTANCE 2.07KM.
16	12.05.23	14:31	220kV WAZIRABAD -GOPAL PUR CKT. -II	12.05.23	16:08	AT GOPAL PUR: R PHASE DIFFERENTIAL, ZONE-I & II, DISTANCE 3.849 KM.
17	12.05.23	15:10	AT I.P.220/33KV IC NO.II	12.05.23	15:22	AT I.P.- R PHASE O/C, STAGE-I
18	12.05.23	15:10	AT I.P.220/33KV IC NO.III	12.05.23	15:37	AT I.P.- R PHASE O/C, STAGE-I
19	12.05.23	18:52	AT R.K.PURAM- 100 MVA TX-I	13.05.23	21:00	AT R.K.PURAM-86I.86II,DIFFERENTIAL PROTECTION,WTI TRIP
20	13.05.23	12:15	220/33KV 100MVA PR. TR. -III AT MASJID MOTH	13.05.23	12:55	86
21	14.05.23	16:07	220KV KHANJAWLA - BAWANA CKT.-I	14.05.23	21:07	AT KHANJAWALA : RB PHASE, DIST PROT, ZONE-I, AT BAWANA : RB PHASE, DIST PROT, ZONE-I, DIST 9.9KM.
22	14.05.23	16:07	220KV KHANJAWLA - BAWANA CKT.-II	14.05.23	21:07	AT BAWANA : RB PHASE, DIST PROT, ZONE-I, 86
23	15.05.23	12:34	220KV PATPARGANJ - GEETA COLONY CKT. -II	15.05.23	12:48	AT PATPARGANJ : DIST PROT, ZONE-I, B PHASE TRIP, DIFFERENTIAL, 86.
24	17.05.23	12:05	220kV WAZIRABAD-GEETA COLONY CKT-I	Contd.		At Wazirabad : RYB Phase trip, Auto reclose lock out 86, Start Phase BN, Trip phase BN, Zone-I,II &III, Dist trip, Zone-I. At Geeta Colony: 86, Master Relay, RYB trip, Dist prot, Zone-I, Dist 3.360Km.
25	17.05.23	12:21	220kV GEETA COLONY-PATPARGANJ CKT -II	17.05.23	12:43	at patparganj: e/f, master relay, 86.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
26	17.05.23	12:21	220kV WAZIRABAD-GEETA COLONY CKT-II	17.05.23	16:13	At Wazirabad : RYB Trip, Zone-I Trip, Start phase CN, Trip phase CN, Dist start, Zone-I, II &III, Dist trip, Zone-I, 86, Auto reclose,
27	17.05.23	12:52	220kV PRAGATI - SARITA VIHAR CKT - I	17.05.23	14:18	AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 3.687KM, B PHSAE.
28	17.05.23	16:38	PRAGATI 220/66kV 160MVA Tx-II	17.05.23	20:30	86, INTERTRIP.
29	17.05.23	16:38	PRAGATI 220/66kV 160MVA Tx-I	17.05.23	17:15	86, INTERTRIP.
30	18.05.23	3:13	DEVNAGAR 220/33KV 100MVA - IV	18.05.23	7:07	HV & LV.
31	18.05.23	3:56	DEVNAGAR 220/33KV 100MVA - III	18.05.23	7:07	OVERFLUX, OVER VOLTAGE.
32	19.05.23	14:40	220kV DSIIDC BAWANA-NARELA CKT-I	19.05.23	17:50	AT NARELA : DIST PROT, ZONE-I, DIST 11.7KM, A PHASE.
33	20.05.23	5:13	TUGHLAKABAD 220/66kV 160MVA Tr. -II	20.05.23	11:58	GEN TRIP, RYB PHASE, DIFFERENTIAL, 87.
34	20.05.23	14:44	400kV Bamnauli-Jhatikara Ckt-I	20.05.23	15:01	AT BAMNAULI : DIST PROT, ZONE-I, DIST 1.9KM, 186A&B, R PHASE.
35	21.05.23	12:37	400kV Bamnauli-Jhatikara Ckt-I	21.05.23	16:51	AT BAMNAULI : DIST PROT, ZONE-I, DIST 1.249KM. 186A&B
36	21.05.23	14:14	220kV Mehrauli - Tuglakabad Ckt. -II	21.05.23	16:08	AT MEHRAULI : DIST PROT, ZONE-I, DIFFERENTIAL, R PHASE, DIST 3.126KM.
37	22.05.23	12:33	220kV BAMNAULI-PAPPANKALAN-III CKT-I	22.05.23	19:27	AT BAMNAULI : C PHASE, DIFFERENTIAL.
38	22.05.23	13:32	VASANT KUNJ 220/66kV 100MVA Tx-II	22.05.23	14:50	DIFFERENTIAL.
39	22.05.23	14:35	220kV BAWANA-DSIIDC BAWANA CKT-II	22.05.23	17:21	AT BAWANA : DIST PROT, ZONE-I, DIST 1.8KM, RYB PHASE.
40	25.05.23	20:16	220kV BAMNAULI-PAPPANKALAN-II CKT-II	27.05.23	15:55	AT BAMNAULI : AUTO RECLOSE, MAIN - II,DIST PROT, R PHASE. AT PAPANKALAN-II : 86A&B, R PHASE, DIFFERENTIAL.
41	25.05.23	20:18	220kV BAMNAULI - DIAL CKT-II	26.05.23	13:46	AT BAMNAULI : DIST PROT ZONE-I, 86A&B, A PHASE, DIST 2.7KM.
42	25.05.23	20:21	220kV BAMNAULI-NAJAFGARH CKT-II	26.05.23	16:37	AT BAMNAULI : DIST PROT, ZONE-I, 186ABC, 86A&B. AT NAJAFGARH : MAIN - II, B PHASE, DIFFERENTIAL, 86A&B.
43	26.05.23	8:29	ROHINI 220/66kV 100MVA Tx-I	26.05.23	17:17	O/C, E/F, 96.
44	26.05.23	8:29	ROHINI 220/66kV 100MVA Tx-II	26.05.23	9:12	TRIPPED WITHOUT INDICATION.
45	27.05.23	6:21	220kV BAMNAULI - DIAL CKT-II	27.05.23	10:39	AT BAMNAULI : DIST PROT, ZONE-I, DIST 2.623K,, R PHASE. 186A&B
46	27.05.23	8:11	220kV BAWANA - KANJHAWALA CKT-2	27.05.23	11:16	AT BAWANA : DIST PROT ZONE-I, B PHASE.
47	27.05.23	18:10	220kV MUNDKA-KANJHAWALA CKT	27.05.23	20:56	AT KHANJAWALA : TRIPPED WITHOUT INDICATION.
48	28.05.23	6:54	PAPPANKALAN-III 220/66kV 160MVA Tx-II	28.05.23	10:26	86, REF.
49	29.05.23	3:48	NAJAFGARH 66/11kV, 20MVA Tx-III	29.05.23	12:50	DIFFERENTIAL, ABC RELAY.
50	29.05.23	12:30	PARKSTREET 66/33kV, 30MVA Tx-I	29.05.23	14:30	RYB PHASE, DIFFERENTIAL.
51	30.05.23	3:42	66/11kV 20MVA Pr. Tr. -II AT VASANT KUNJ 220KV	30.05.23	19:09	O/C
52	30.05.23	19:10	66/11kV 20MVA Pr. Tr. -II AT VASANT KUNJ 220KV	30.05.23	22:25	DIFFERENTIAL, R&Y PHASE.
53	31.05.23	9:15	220/33KV 100MVA PR. TR. -1 220KV RAJGHAT	31.05.23	10:35	33KV I/C-I TRIPPED ON E/F.
54	31.05.23	15:32	220/66KV 160MVA PR TR. -I AT 220KV OKHLA	31.05.23	15:50	O/C, Y&B PHASE.

18 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF MAY 2023

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
15.05.23	1	11:52	12:01	PATPARGANJ	CBD SHAHDRA	FLAT MODE	14
	2	11:53	12:00	NARIANA	PAYAL	FLAT MODE	13
	3	11:53	11:58	KASHMIRI GATE	LAHORI GATE	FLAT MODE	16
	4	11:53	12:00	GEETA COLONY	KAILASH NAGAR CKT. I&II	FLAT MODE	10
17.05.23	1	12:21	12:30	I.P.STN.	BAY NO. 9 (EXHB GROUND-II)	FLAT MODE	2
					BAY NO. 13 (NIZAMUDDIN)	FLAT MODE	6
					BAY NO. 17 (DELHI GATE)	FLAT MODE	16
					BAY NO. 2 (NIRMAN BHAWAN)-I)	FLAT MODE	5
					BAY NO. 4 (ELECTRIC LANE)	FLAT MODE	4
					BAY NO. 6 (TILAK MARG)	FLAT MODE	7
					BAY NO. 16 (NIRMAN BHAWAN -II)	FLAT MODE	8
					BAY NO. 24 (DEFENCE COLONY)	FLAT MODE	8
					BAY NO. 30 (KAMLA MARKET)	FLAT MODE	19
					BAY NO. 42 (CANNOUGHT PLACE)	FLAT MODE	5
24.05.23	1	17:43	18:05	NARELA	66KV IFC CKT. I&II	FLAT MODE	28