DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

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MAY 2024

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	MAY. 2023	MAY. 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 Energ Plant)	16	16
	EDWPCL (Waste to Energ Plant)	10	10
	DMSWL (Waste to Energ Plant)	24	24
	TWEPL	25	25
	Total	**2181**	**2181**
2	**Maximum Unrestricted Demand (MW)**	**6916**	**8302**
	Date	23.05.23	29.05.24
	Time	15.31.55	15.36.32
3	**Peak Demand met (MW)**	**6916**	**8302**
	Date	23.05.23	29.05.24
	Time	15.31.55	15.36.32
4	Peak Availability (MW)	6887	8159
5	Shortage (-) / Surplus (+) in MW	(-)29	(-)143
6	Percentage Shortage (-) / Surplus (+)	(-) 0.42	(-) 1.72
7	Maximum Energy Consume in a day (Mus)	134.867	164.643
8	Energy Consumed during the month	**3124.504**	**4221.511**
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	0.173	2.0835
	TPDDL	0.046	0.1224
	BRPL	0.091	0.4359
	BYPL	0.002	0.0135
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.0167	0.0076
	Total	**0.3287**	**2.6628**
10	**Grand Total in Mus**	**0.3287**	**2.6628**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING MAY 2024

A) For the month of May 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	38.048	2.196	35.852	89.26	32.647
3.	PPCL	167.682	4.654	163.028	89.46	48.749
4.	Bawana	542.127	15.604	526.523	90.53	502.118
	TOTAL	**747.857**	**22.578**	**725.279**	**--**	**583.514**

WASTE TO ENERGY GENERATING PLANTS WITHIN DELHI

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation
5.	Towmcl	15.150	2.109	13.041
6.	EDWPCL	5.174	1.156	4.018
7.	DMSWL	12.592	2.061	10.531
8.	TWEPL	19.402	1.954	17.448
	TOTAL	**52.318**	**7.28**	**45.038**

B) For the Year 2024-25 (Upto May 2024)

Power Station	Effective Capacity (MW)	Net Generation in MUs for May 2024	Availability (%) for May 2024	Cumulative Generation in MUs upto May 2024 for the year 2024-25	Cumulative Availability in % upto May 2024 for the year 2024-25
RPH	135	-0.124	--	-0.244	--
GT	90	35.852	89.26	42.597	94.87
PPCL	330	163.028	89.46	185.948	91.18
Bawana	1372	526.523	90.53	777.699	93.18
TOTAL	1927	**725.279**	**--**	**1006.000**	--

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WASTE TO ENERGY GENERATING PLANTS WITHIN DELHI

Power Station	Effective Capacity (MW)	Net Generation in MUs for May 2024	Cumulative Generation in MUs upto May 2024 for the year 2024-25
Towmcl	16	13.041	24.648
EDWPCL	10	4.018	9.054
DMSWL	24	10.531	22.974
TWEPL	25	17.448	34.236
TOTAL	**75**	**45.038**	**90.912**

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI FROM APRIL 2024 (THE DETAILS OF OUTAGES HAS BEEN PROVIDED BY RESPECTIVE GENERATING STATION ONLY AND WHICH IS HEREBY COMPILED FOR MIS PURPOSE ONLY)

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	21.05.24	12.05	21.05.24	14.10	Unit tripped on generator loss of field operated on protection panel in CCT. Electrical trouble, normal shut down
2	30	NIL				
3	30	NIL				
4	30	NIL				
5	30	01.04.24	00.00	30.04.24	23.59	Unit stopped due to less demand
		01.05.24	00.00	09.05.24	11.45	GT#5 is standby as there is no demand from SLDC
		11.05.24	00.01	13.05.24	23.59	GT#5 is standby as there is no demand from NLDC
		19.05.24	00.02	20.05.24	21.02	GT#5 is standby as there is no demand from NLDC
		25.05.24	00.02	28.05.24	23.56	GT#5 is standby as there is no demand from NLDC
6	30	01.04.24	00.00	30.04.24	23.59	Unit stopped due to less demand
		24.05.24	16.13	24.05.24	17.30	Unit tripped at IO Pack Communication failure.
STG-1	30	21.05.24	12.05	21.05.24	15.16	Unit tripped on generator loss of field operated on protection panel in CCT. Electrical trouble, normal shut down
		22.05.24	11.15	22.05.24	12.16	Unit tripped on oil pressure below piston low.
STG-2	30	NIL				
STG-3	30	01.05.24	00.00	09.05.24	14.24	Blr#5 is standby as there is no demand from SLDC
		11.05.24	00.01	13.05.24	23.59	Blr#5 is standby as there is no demand from NLDC
		19.05.24	00.02	20.05.24	23.02	Blr#5 is standby as there is no demand from NLDC
		24.05.24	16.13	24.05.24	18.32	Unit tripped at IO Pack Communication failure of GT#6.
		25.05.24	00.02	29.05.24	02.06	Blr#5 is standby as there is no demand from NLDC

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	01.04.24	00.00	01.05.24	08.02	Unit stopped due to less demand
		25.05.24	16.10	25.05.24	16.35	Unit tripped due to grid disturbance
2	104	01.04.24	00.00	24.04.24	06.43	Unit stopped due to less demand
		16.04.24	18.04	26.04.24	19.05	Unit tripped due to grid disturbance
		01.05.24	11.24	15.05.24	07.19	Unit stopped due to less demand
STG	122	01.04.24	00.00	24.04.24	13.17	Unit stopped due to less demand
		26.04.24	18.04	26.04.24	21.58	Unit tripped due to grid disturbance
		01.05.24	11.38	01.05.24	13.38	Tripped due toInternal fault
		01.05.24	15.12	01.05.24	21.35	Tripped due toInternal fault
		08.05.24	20.03	08.05.24	22.00	Unit stopped to attend fault
		25.05.24	16.10	25.05.24	17.20	Unit tripped due to grid disturbance

(D) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	20.04.24	08.59	20.04.24	19.00	GAS LEAKAGE AT GAIL TERMAINAL MAIN HEADER LINE.
		26.04.24	10.45	26.04.24	11.56	DUE TO HIGH SPREAD
		05.05.24	12:30	05.05.24	17:00	Forced Ouatge: Due to breakdown in AOP of GT#1.
		20.05.24	00:45	20.05.24	11:30	Forced Ouatge: Due to fire at bay 415 400kv line isolator our machine tripped due to internal fault.
		22.05.24	04:07	22.05.24	16:00	Forced Ouatge: Due to internal fault.
2	216	20.04.24	08.59	20.04.24	16.40	GAS LEAKAGE AT GAIL TERMAINAL MAIN HEADER LINE
		20.05.24	00:45	20.05.24	06:15	Forced Ouatge: Due to fire at bay 415 400kv line isolator our machine tripped due to internal fault.
		22.05.24	04:07	22.05.24	16:00	Forced Ouatge: Due to internal fault.
		28.05.24	22:30	29.05.24	08:00	Forced Ouatge: Due to internal fault.
3	216	20.04.24	09.15	20.04.24	24.00	GAS LEAKAGE AT GAIL TERMAINAL MAIN HEADER LINE
		08.05.24	18:00	08.05.24	23:30	Forced Ouatge: Due to trouble in combustion dynamics of GT-3
		20.05.24	00:45	20.05.24	06:00	Forced Ouatge: Due to fire at bay 415 400kv line isolator our machine tripped due to internal fault.
4	216	20.04.24	09.15	20.04.24	24.00	GAS LEAKAGE AT GAIL TERMAINAL MAIN HEADER LINE
		20.05.24	00:45	20.05.24	11:30	Forced Ouatge: Due to fire at bay 415 400kv line isolator our machine tripped due to internal fault.
		21.05.24	10:20	21.05.24	13:20	Forced Ouatge:to attend the fault of bay 410 we are stopping GT#4 from 10.30 hrs.
		24.05.24	11:32	24.05.24	16:00	Forced Ouatge: Due to internal fault.

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-1	**254**	20.04.24	09.03	20.04.24	19.00	OUT DUE TO OUTAGE OF GT-1 & 2
		26.04.24	10.45	26.04.24	11.56	OUT DUE TO OUTAGE OF GT-1 (1/2 STG)
		05.05.24	12:30	05.05.24	17:00	Forced Ouatge: Due to outage of GT#1.
		20.05.24	00:45	20.05.24	11:30	Forced Ouatge: Due to fire at bay 415 400kv line isolator our machine tripped due to internal fault.
		20.05.24	00:45	20.05.24	08:15	Forced Ouatge: Due to fire at bay 415 400kv line isolator our machine tripped due to internal fault.
		22.05.24	04:07	22.05.24	16:00	Forced Ouatge: Due to outage of GT#1.
		22.05.24	04:07	22.05.24	16:00	Forced Ouatge: Due to outage of GT#2.
		28.05.24	22:30	29.05.24	08:00	Forced Ouatge: Due to outage of GT#2.
STG-2	**254**	20.04.24	09.15	20.04.24	24.00	OUT DUE TO OUTAGE OF GT-3 & 4
		08.05.24	18:00	08.05.24	23:30	Forced Ouatge: Due to outage of GT#3.
		20.05.24	00:45	20.05.24	06:00	Forced Ouatge: Due to fire at bay 415 400kv line isolator our machine tripped due to internal fault.
		20.05.24	00:45	20.05.24	11:30	Forced Ouatge: Due to fire at bay 415 400kv line isolator our machine tripped due to internal fault.
		21.05.24	10:20	21.05.24	13:20	Forced Ouatge: Due to outage of GT#4.
		24.05.24	11:32	24.05.24	16:00	Forced Ouatge: Due to outage of GT#4.

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. 28.03.2024

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 Based Stns		**In%**	**in MW**							
GAS TURBINE	90	100	90	37.38	20.47	26.70	4.45	0.00	1.00	
PRAGATI	330	100	330	93	53	64	100	20		
BAWANA CCGT*	1371	80	1097	427	**247**	298	**100**	25		
ANTA GPS	419	**13.03421**	**54.61**	**24.38**	**11.17**	**13.50**	**5.56**	0		
Auriya GPS	663.36	**13.37568**	**88.73**	**39.59**	**18.30**	**22.10**	**8.74**	0		
Dadri GPS	829.78	**13.57846**	**112.67**	**50.29**	**23.09**	**27.91**	**11.38**	0		
Total Gas Based	**3703.14**		**1773**	**672**	**373**	**452**	**230**	**45**	**1.00**	**0.00**
Coal Based Stn										
Singrauli STPS	2000	**8.053098**	**161.06**	**34.91**	**74.34**	**46.02**	**5.79**	0		
Rihand Stage-I	1000	**10.549559**	**105.50**	**71.94**	**0.00**	**30.68**	**2.88**	0		
Rihand Stage -II	1000	**13.197347**	**131.97**	**58.18**	**32.00**	**38.66**	**3.13**	0		
Rihand Stage-III	1000	**13.854718**	**138.55**	**81.33**	**53.74**	**0.00**	**3.48**	0		
Dadri (Th) -II	980	**74.962280**	**734.63**	**546.43**	**175.10**	**9.98**	**3.12**	0		
Unchahaar-I TPS	420	**5.921062**	**24.87**	**10.96**	**6.09**	**7.36**	**0.46**	0		
Unchahaar-II TPS	420	**11.853718**	**49.79**	**21.97**	**11.94**	**14.42**	**1.46**	0		
Unchahaar-III TPS	210	**14.463098**	**30.37**	**13.39**	**7.37**	**8.90**	**0.72**	0		
Unchahaar-IV TPS	500	**0.663718**	**3.32**	**1.58**	**0.00**	**0.00**	**1.74**			
Jhajjar	1500	**47.480586**	**712.21**	**19.15**	**69.21**	**613.79**	**10.06**	0		
Meja TPS	1320	**1.263735**	**16.68**	**7.94**	**0.00**	**0.00**	**8.74**			
Tanda-II TPS	1320	**0.442478**	**5.84**	**2.78**	**0.00**	**0.00**	**3.06**			
Farakka(From ER)	1600	1.39	22.24	9.768	5.648	6.824	0	0		
Kahalgaon-I(From ER)	840	6.07	50.99	22.395	12.953	15.641	0	0		
Kahalgaon-II(From ER)	1500	10.49	157.35	69.105	39.970	48.270	0	0		
SASAN	3960	11	446	**66.077**	**311.086**	**68.337**	0	0		
DVC(CTPS7 &8) LTA #	500		291.72	131.76	76.20	83.76				
DVC(Mejia6) LTA	250		100.00	44	25	31	0	0		
CLP Jhajjar(Th)	1320		124.00			124				
Mejia-7(Th)	500		119.19		119					
Methan(Th)	1050		281.25			281				
Kudgi TPS(SR)	2400									
BRBCL	1000		20.00							20.0
Total Coal Based	**26590**		3727.02	1213.58	1020.24	1428.5697	44.64	0	0	20
Hydro Based Stn										
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	**16.36297**	**49.09**	**21.89**	**10.16**	**12.27**	**4.77**	0		
Chamera-III HEP	231	**15.26147**	**35.25**	**15.70**	**7.47**	**9.03**	**3.06**	0		
URI-I HEP	480	11.04	52.99	23.28	13.46	16.26		0		
URI -II HEP	240	**15.97947**	**38.35**	**17.07**	**8.20**	**9.90**	**3.18**	0		
Sewa HEP	120	**15.85747**	**19.03**	**8.47**	**4.06**	**4.91**	**1.59**	0		
Dhauli Ganga HEP	280	**15.73747**	**44.06**	**19.62**	**9.39**	**11.35**	**3.71**	0		
Dulhasti HEP	390	**15.35747**	**59.89**	**26.67**	**12.71**	**15.35**	**5.16**	0		
Parbati-III HEP	520	**15.25747**	**79.34**	**35.33**	**16.81**	**20.31**	**6.88**	0		
Nathpa Jhakri HEP	1500	**11.14319**	**167.15**	**74.34**	**36.08**	**43.58**	**13.15**	0		
Tehri Hydro	1000	**7.96813**	**79.68**	**51.61**	**0.00**	**19.33**	**8.74**	0		
Koteshwar HEP	400	**11.52813**	**46.11**	**30.52**	**0.00**	**12.10**	**3.50**	0		
Singrauli Hyd	8	**21.65747**	**1.73**	**0.10**	**0.00**	**1.53**	**0.11**			
Tala HEP	1020	2.94	29.99	13	8	9	0	0		
Kishan Ganag	330	**2.52747**	**8.34**	**3.97**	**0.00**	**0.00**	**4.37**			
Koldem	800	**1.17106**	**9.37**	**4.46**	**0.00**	**0.00**	**4.91**			
Rampur	412.02	**1.54007**	**6.35**	**3.02**	**0.00**	**0.00**	**3.32**			
Surya Kanta(LTA)	25		14.00			14				
Nanti Hydro(LTA)	12		11.45			11				
Teranda (HYD)(LTA) (From 08.1.2020)	18		12.65			12.65				
GMR Bajoli Holi Hyd (From 26.06.23)(DIAL)			33.00	33						
Total Hydro	**9590.02**		**952.54**	**474.8**	**165.3**	**246.1**	**66.4**	**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
Nuclear Based Stn										
Narora APS	440	**13.13165**	**57.78**	**37.71**	**0.00**	**14.42**	**5.65**	0		
RAPP (C)	440	**16.78787**	**73.87**	**33.11**	**14.18**	**17.13**	**9.44**	0		
Total Nuclear	**880**		131.645884	70.823256	14.1812	31.546346	15.0951	0	0	
Solar Based Stns.										
SECI			60.00	20	20	20				
RUMS - DMRC	750		99.00	47.5	26.3	25.2				
Sun Edision (From 18.11.2019)	400		180.00			180				
Eden Renewable Cite Pvt Ltd(Solar)(REMC)	350		300.00	250.00	50.00					
Adani Solar Pvt. Ltd(KSMPL)(REMC)	50		50.00		50.00					
SBSR Power Clintak 11(REMC)	200		150.00		50.00	100.00				
Avikaran Solar(A	**300**		**300.00**	**210.00**	**90.00**					
Azure (REMC)	100		100.00	100.00						
Total Solar	**2150**		**1239**	**627.258**	**286.568**	**325.174**	**0**	**0**	**0**	**0**
Wind Based Stns.										
Tutikoren(REMC)	50		50.00	50						
Alfanar wind SECI-3(REMC)	300		250.00	150.00	50.00	50.00				
Morjar Windfarm Dev (SECI)	79.5		30.60	30.60						
SITAC Wind (SECI)	300		**190.80**	95.40	95.40					
Total Wind	**729.5**	**0**	**521.40**	**326**	**145**	**50**	**0**	**0**	**0**	**0**
Waste to Energy Stns										
EDWPCL(WEP)	12									
Bawana(WEP)	24	100	24	10	6	7	1	0		
TOWMCL(WEP)	23		17.94	9.0	0	6.13	0			
Tehkhand	25	100.00	25	10.4	6	7.52	1			
Total WTE	**84**		**67**	**29**	**12**	**21**	**2**	**0**	**0**	**0**
Total in MW	**43727**		**8411**	**3414**	**2016**	**2554**	**359**	**45**	**1**	**20**

B) ALLOCTION OF DELHI AND DISCOMS (IN %AGE) FROM VARIOUS CENTRAL SECTOR, STATE SECTOR GENERATING STATIONS ALONG WITH LTAs w.e.f. 28.03.2024

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
Gas Based Stns										
GAS TURBINE	90	100	90	41.530	22.740	29.670	4.950	0.000	1.110	
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	9.12	2.28		
ANTA GPS	419	13.034210	54.61	44.6423	20.4615	24.7116	10.18430	0.00		
Auriya GPS	663.36	13.375676	88.73	44.6179	20.6195	24.9109	9.85173	0.00		
Dadri GPS	829.78	13.578460	112.67	44.6311	20.4932	24.7712	10.10110	0.00		
Total Gas Based	3703.14		1773							
Coal Based Stn										
Singrauli STPS	2000	8.053098	161.06	21.6734	46.1562	28.5729	3.5976	0.00		
Rihand Stage-I	1000	10.549559	105.50	68.1895	0.0000	29.0818	2.7287	0.00		
Rihand Stage -II	1000	13.197347	131.97	44.0880	24.2473	29.2938	2.3709	0.00		
Rihand Stage-III	1000	13.854718	138.55	58.7024	38.7882	0.0000	2.5093	0.000		
Dadri (Th) -II	980	74.962280	734.63	74.3814	23.8353	1.3589	0.4243	0.000		
Unchahaar-I TPS	420	5.921062	24.87	44.0547	24.4889	29.5893	1.8672	0.00		
Unchahaar-II TPS	420	11.853718	49.79	44.1267	23.9781	28.9622	2.9329	0.00		
Unchahaar-III TPS	210	14.463098	30.37	44.0961	24.2654	29.2946	2.3653	0.00		
Unchahaar-IV TPS	500	0.663718	3.32	47.6190	0.0000	0.0000	52.3810	0.00		
Jhajjar	1500	47.480586	712.21	2.6884	9.7176	86.1812	1.4128	0.00		
Meja TPS	1320	1.263735	16.68	47.6190	0.0000	0.0000	52.3810	0.00		
Tanda-II TPS	1320	0.442478	5.84	47.6190	0.0000	0.0000	52.3810	0.00		
Farakka	1600	1.390000	22.24	43.92	25.40	30.68	0.00000	0.00		
Kahalgaon-I	840	6.070000	50.99	43.92	25.40	30.68	0.000	0.00		
Kahalgaon-II	1500	10.490000	157.35	43.92	25.40	30.68	0.000	0.00		
SASAN	3960	11.250000	445.50	14.832	69.828	15.339	0.000	0.00		
DVC(CTPS7 &8)	500		291.72	45.17	26.12	28.71				
DVC(Mejia6)	250		100.00	43.92	25.40	30.68	0.00	0.00		
CLP Jhajjar(Th)	1320		124.00			100.00				
Mejia-7(Th)	500		119.19		100.00					
Methan(Th)	1050		281.25			100.00				
Kudgi TPS(SR)	2400	0.00	0.00							
BRBCL	1000		20.00							100
Total Coal Based	26590		3727.0225							
Hydro Based Stn										
Baira Suil HPS	180	11.00	19.80	43.92	25.40	30.68	0.000	0.00		
Salal HPS	690	11.62	80.18	74.604	25.396	0.000	0.000	0.00		
Tanakpur HEP	94	12.81	12.07	43.92	25.40	30.68	0.000	0.00		
Chamera HEP	540	7.90	42.66	43.92	25.40	30.68	0.000	0.00		
Chamera-II HEP	300	16.36297	49.08890	44.6024	20.6931	24.9955	9.70910	0.00		
Chamera-III HEP	231	15.26147	35.25400	44.5341	21.1906	25.6004	8.67487	0.00		
URI-I HEP	480	11.04	52.992	43.92	25.40	30.68	0.000	0.00		
URI -II HEP	240	15.97947	38.35073	44.5043	21.3837	25.8269	8.28509	0.00		
Sewa HEP	120	15.85747	19.02896	44.5062	21.3527	25.7923	8.34883	0.00		
Dhauli Ganga HEP	280	15.73747	44.06492	44.5151	21.31865	25.7538	8.41249	0.00		
Dulhasti HEP	390	15.35747	59.89413	44.5292	21.2209	25.6292	8.62064	0.00		
Parbati-III HEP	520	15.25747	79.33884	44.5327	21.1896	25.6006	8.67715	0.00		
Nathpa Jhakri HEP	1500	11.14319	167.14779	44.4752	21.5863	26.0733	7.86517	0.00		
Tehri Hydro	1000	7.96813	79.68131	64.7749	0.00000	24.2591	10.96597	0.00		
Koteshwar HEP	400	11.52813	46.11252	66.1803	0.00000	26.2402	7.57957	0.00		
Singrauli Hyd	8	21.65747	1.73260	5.55724	0.00000	88.3067	6.11296	0.00		
Tala HEP	1020	2.94	29.99	43.92	25.40	30.68	0.00	0.00		
Kishan Ganag	330	2.52747	8.34065	47.6191	0.00000	0.00000	52.38095	0.00		
Koldem	800	1.17106	9.36849	47.6191	0.00000	0.00000	52.38095	0.00		
Rampur	412.02	1.54007	6.34540	47.6191	0.00000	0.00000	52.38095	0.00		
Surya Kanta(Hyd)	25		14.00			100.00				
Nanti Hydro	12		11.45			100.00				
Teranda (HYD) (From 08.1.2020)	18		12.65			100.00				
GMR Bajoli Holi Hyd (From 26.06.23)(DIAL)			33.00	100.00						
Total Hydro	9590.02		952.54							

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
Nuclear Based Stn										
Narora APS	440	13.1316	57.7792	65.2685	0.0000	24.9521	9.7794	0.0000		
RAPP (C)	440	16.7879	73.8666	44.8262	19.1984	23.1894	12.7860	0.0000		
Total Nuclear	880		131.64588							
Solar Based Stns.										
SECI			60.00	32.93	33.78	33.29				
RUMS - DMRC	750		99.00	47.98	26.57	25.45				
Sun Edision (From 18.11.2019)	400		180.00			100.00				
Eden Renewable Cite Pvt Ltd(Solar)	350		300.00	83.33	16.67					
Adani Solar Pvt. Ltd(KSMPL)(REMC)	50		50.00		100.00					
SBSR Power Clintak 11	200		150.00		33.33	66.67				
Avikaran Solar(A	300		300.00	70.00	30.00					
Azure (REMC)	100		100.00	100.00						
Total Solar	2150		1239							
Wind Based Stns.										
Tutikoren(REMC)	50		50.00	100.00						
Alfanar wind SECI-3(REMC)	300		250.00	60.00	20.00	20.00				
Morjar Windfarm Dev (SECI)	79.5		30.60	100.00						
SITAC Wind (SECI)	300		190.80	50.00	50.00					
Total Wind	729.5		521.4							
Waste to Energy Stns										
EDWPCL(WEP)	12									
Bawana(WEP)	24	100	24	41.81	23.90	29.20	5.09	0.00		
TOWMCL(WEP)	23		17.94	50.00	0.00	34.17	0.00	0.00	0.00	0.00
Tehkhand	25	100.00	25	41.72	23.33	30.09	4.86	0.00		
Total WTE	84		67	43.97	17.28	30.86	3.64			
Total	43727		8411							

5 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING MAY 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	00.01.09	36	153	592	12	9	18	27	846	3891	3927	-36	4737	0	4737
2	15.24.31	33	145	268	12	8	18	26	509	4326	4238	88	4835	0	4835
3	15.33.10	33	142	270	18	8	18	27	516	4563	4456	107	5079	0	5079
4	23.40.09	35	148	308	16	8	18	12	544	4645	4465	180	5189	0	5189
5	23.25.26	34	145	566	15	9	7	27	803	4639	4544	95	5442	0	5442
6	23.03.13	66	141	609	15	9	8	27	875	5165	5151	14	6040	0	6040
7	22.57.03	36	148	711	15	10	8	27	955	5501	5536	-35	6456	0	6456
8	15.35.45	35	143	465	15	8	6	27	700	5689	5599	90	6389	0	6389
9	15.26.04	37	142	507	18	9	16	0	730	5541	5468	73	6271	0	6271
10	15.20.31	37	142	507	18	6	8	26	744	5785	5710	75	6529	0	6529
11	23.48.37	39	149	465	19	7	6	27	711	5089	4908	181	5800	0	5800
12	00.01.23	39	4	266	19	8	6	27	369	5388	4924	464	5757	0	5757
13	15.15.42	36	142	467	19	8	18	26	716	5591	5681	-90	6307	0	6307
14	15.20.46	31	141	467	19	7	18	27	710	5550	5553	-3	6260	0	6260
15	23.25.34	38	294	1039	19	8	11	26	1436	5050	4929	121	6486	0	6486
16	15.30.00	75	290	1210	19	8	16	25	1643	5305	5304	1	6948	0	6948
17	23.25.50	37	290	1230	16	9	15	27	1624	5363	5375	-12	6987	0	6987
18	22.52.45	39	290	1221	18	0	4	24	1597	5577	5298	279	7174	0	7174
19	23.26.58	32	294	608	17	0	6	27	984	6180	6132	48	7164	0	7164
20	23.37.29	35	285	1074	18	0	6	27	1446	6145	6133	12	7591	0	7591
21	23.01.59	38	291	1219	18	0	0	24	1589	6137	6151	-14	7726	0	7726
22	15.42.10	35	287	464	16	0	0	26	828	7171	7073	98	7999	0	7999
23	23.08.12	39	279	1133	18	0	0	27	1496	6192	6009	183	7688	0	7688
24	15.33.08	38	287	473	17	0	0	25	840	7048	6862	186	7888	0	7888
25	00.00.35	71	283	1184	18	0	17	10	1583	5997	5981	16	7580	0	7580
26	23.27.34	37	276	746	18	0	18	27	1123	6557	6636	-79	7680	0	7680
27	23.16.38	37	293	572	17	10	17	12	959	6974	6936	38	7933	0	7933
28	15.19.34	33	280	501	13	3	15	12	858	7053	7007	46	7911	0	7911
29	15.36.32	38	277	513	16	9	16	9	878	7424	7281	143	8302	0	8302
30	15.28.18	29	279	473	18	7	16	12	834	7257	7211	46	8091	0	8091
31	23.25.10	39	286	1172	19	7	7	14	1543	6488	6316	172	8031	0	8031

6 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING MAY 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	00.01.09	36	153	592	12	9	18	27	846	3891	3927	-36	4737	0	4737
2	15.24.31	33	145	268	12	8	18	26	509	4326	4238	88	4835	0	4835
3	15.33.10	33	142	270	18	8	18	27	516	4563	4456	107	5079	0	5079
4	23.40.09	35	148	308	16	8	18	12	544	4645	4465	180	5189	0	5189
5	23.25.26	34	145	566	15	9	7	27	803	4639	4544	95	5442	0	5442
6	23.03.13	66	141	609	15	9	8	27	875	5165	5151	14	6040	0	6040
7	22.57.03	36	148	711	15	10	8	27	955	5501	5536	-35	6456	0	6456
8	15.35.45	35	143	465	15	8	6	27	700	5689	5599	90	6389	0	6389
9	15.26.04	37	142	507	18	9	16	0	730	5541	5468	73	6271	0	6271
10	15.20.31	37	142	507	18	6	8	26	744	5785	5710	75	6529	0	6529
11	23.48.37	39	149	465	19	7	6	27	711	5089	4908	181	5800	0	5800
12	00.01.23	39	4	266	19	8	6	27	369	5388	4924	464	5757	0	5757
13	15.15.42	36	142	467	19	8	18	26	716	5591	5681	-90	6307	0	6307
14	15.20.46	31	141	467	19	7	18	27	710	5550	5553	-3	6260	0	6260
15	23.25.34	38	294	1039	19	8	11	26	1436	5050	4929	121	6486	0	6486
16	15.30.00	75	290	1210	19	8	16	25	1643	5305	5304	1	6948	0	6948
17	23.25.50	37	290	1230	16	9	15	27	1624	5363	5375	-12	6987	0	6987
18	22.52.45	39	290	1221	18	0	4	24	1597	5577	5298	279	7174	0	7174
19	23.26.58	32	294	608	17	0	6	27	984	6180	6132	48	7164	0	7164
20	23.37.29	35	285	1074	18	0	6	27	1446	6145	6133	12	7591	0	7591
21	23.01.59	38	291	1219	18	0	0	24	1589	6137	6151	-14	7726	0	7726
22	15.42.10	35	287	464	16	0	0	26	828	7171	7073	98	7999	0	7999
23	23.08.12	39	279	1133	18	0	0	27	1496	6192	6009	183	7688	0	7688
24	15.33.08	38	287	473	17	0	0	25	840	7048	6862	186	7888	0	7888
25	00.00.35	71	283	1184	18	0	17	10	1583	5997	5981	16	7580	0	7580
26	23.27.34	37	276	746	18	0	18	27	1123	6557	6636	-79	7680	0	7680
27	23.16.38	37	293	572	17	10	17	12	959	6974	6936	38	7933	0	7933
28	15.19.34	33	280	501	13	3	15	12	858	7053	7007	46	7911	0	7911
29	15.36.32	38	277	513	16	9	16	9	878	7424	7281	143	8302	0	8302
30	15.28.18	29	279	473	18	7	16	12	834	7257	7211	46	8091	0	8091
31	23.25.10	39	286	1172	19	7	7	14	1543	6488	6316	172	8031	0	8031

7 SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR MAY 2024

(ALL FIGURES IN MUS)

GENERATION WITHIN DELHI	AVAILABILITY	SCHEDULE
Rajghat Power House	--	--
Gas Turbine	58.27	32.606
Pragati-I	213.62	165.606
Pragati-III (Bawana)	718.60	534.684
Rithala	--	--
Badarpur	--	--
Renewable (include WTE)	44.67	44.67
TOTAL DELHI GEN.	**1035.16**	**777.566**

NAME OF STATION	AVAILABILITY	SCHEDULE
ANTA GPP-GF	30.86	1.2897590
ANTA GPP-LF		
ANTA GPP-RF		
ANTA CRF		
AURAIYA GPP-GF	53.32	0.0310309
AURAIYA GPP-LF		
AURAIYA GPP-RF		
AURIYA CRF		
DADRI GPP-GF	65.97	2.2223687
DADRI GPP-LF		
DADRI GPP-RF		
DADRI CRF		
Coal Based Station		
SINGRAULI STPS	105.47	106.8533702
RIHAND STPS	62.76	61.6063831
RIHAND-II STPS	89.80	89.6263929
RIHAND-III STPS	94.13	93.6118982
DADRI II	512.88	398.5805007
UNCHAHAR-I TPS	16.31	14.4081712
UNCHAHAR-II TPS	25.77	22.8003025
UNCHAHAR-III TPS	20.06	17.7064340
UNCHAHAR - IV TPS	1.02	1.891970
JHAJJAR	243.17	243.1679952
Meja TPS	9.68	**9.677542**
Tanda-II TPS	3.91	3.914501
FARAKA	11.15	10.3055229
KAHALGAON1	32.14	30.3503889
KAHALGAON2	101.40	96.1072669
SASAN	291.59	289.8943580
Nabinagar STPS(BRBCL)	14.31	14.3134288

NAME OF STATION	AVAILABILITY	SCHEDULE
Hydro Station		
BAIRASIUL HEP	11.63	11.6262214
SALAL HEP	49.64	49.6357560
TANAKPUR HEP	2.80	2.7986312
CHAMERA HEP	25.88	25.8751954
CHAMERA HEP-II	32.58	32.5757405
CHAMERA III	22.52	22.5241031
URI HEP	25.76	25.7628060
URI 2 HEP	25.50	25.5002064
SEWA-II	10.80	10.8000222
DHAULIGANGA HEP	20.42	20.4181728
DULHASTI HEP	41.97	41.9706110
Parvati3	10.77	10.7726766
NATHPA JHAKRI HEP	98.90	98.9032840
TEHRI HEP	10.12	10.1184786
KOTESWAR	6.77	6.7745743
SINGRAULI SHEP	0.66	0.6626870
TALA	0.00	0.0000000
Kishan Ganag	4.15	4.152918
Koldam	4.76	4.760260
Rampur	3.75	3.748318
Nuclear Station		
NAPP	37.02	37.0201232
RAPP C	50.90	50.8971191
RAPPB_4 C	0.00	0.0000000
Total	**2283.01**	**2005.66**
LTA	**997.247**	**997.247**
Short Term (Purchase)	**905.187**	**905.187**
Short Term (Sale)		**-189.786**
TOTAL AVAILABILITY	**5220.564**	**4495.864**

8. SHEDDING DETAILS DURING THE MONTH OF MAY 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
01.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.05.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.05.24	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**

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
01.05.24	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
02.05.24	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
03.05.24	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
04.05.24	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
05.05.24	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
06.05.24	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
07.05.24	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
08.05.24	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
09.05.24	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
10.05.24	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
11.05.24	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
12.05.24	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
13.05.24	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
14.05.24	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
15.05.24	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
16.05.24	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
17.05.24	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
18.05.24	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
19.05.24	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
20.05.24	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
21.05.24	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
22.05.24	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
23.05.24	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
24.05.24	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
25.05.24	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
26.05.24	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
27.05.24	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
28.05.24	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
29.05.24	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
30.05.24	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
31.05.24	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**

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
01.05.24	0.0000	0.0038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
02.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000
03.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0039	0.0001	0.0000
04.05.24	0.0000	0.0030	0.0000	0.0000	0.0000	0.0000	0.0043	0.0000	0.0000
05.05.24	0.0000	0.0079	0.0115	0.0000	0.0000	0.0000	0.0098	0.0016	0.0000
06.05.24	0.0030	0.0040	0.0000	0.0000	0.0000	0.0000	0.0018	0.0000	0.0000
07.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
08.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0096	0.0000	0.0000	0.0000
09.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.05.24	0.0000	0.0836	0.2795	0.0000	0.0000	0.0000	0.2216	0.0661	0.0000
11.05.24	0.0000	0.0704	0.0000	0.0000	0.0000	0.0000	0.0404	0.0064	0.0000
12.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.05.24	0.0000	0.0000	0.0153	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.05.24	0.0000	0.0039	0.0000	0.0000	0.0000	0.0000	0.0048	0.0000	0.0000
15.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.05.24	0.0000	0.0031	0.0000	0.0000	0.0000	0.0000	0.0021	0.0000	0.0000
17.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0024	0.0000
18.05.24	0.0104	0.0095	0.0005	0.0000	0.0000	0.0000	0.0192	0.0017	0.0000
19.05.24	0.0026	0.0203	0.0008	0.0000	0.0000	0.0039	0.0078	0.0000	0.0000
20.05.24	0.0000	0.0300	1.3792	0.0000	0.0000	0.0000	0.0318	0.0083	0.0000
21.05.24	0.0000	0.0440	0.0000	0.0000	0.0000	0.0000	0.0186	0.0000	0.0000
22.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0051	0.0001	0.0000
23.05.24	0.0000	0.0000	0.0099	0.0000	0.0000	0.0000	0.0000	0.0181	0.0000
24.05.24	0.0000	0.0009	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000
25.05.24	0.0082	0.0035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
26.05.24	0.0067	0.0000	0.0000	0.0000	0.0000	0.0000	0.0384	0.0000	0.0000
27.05.24	0.0000	0.0275	0.0000	0.0000	0.0000	0.0000	0.0000	0.0074	0.0000
28.05.24	0.0000	0.0049	0.0015	0.0000	0.0000	0.0000	0.0018	0.0002	0.0000
29.05.24	0.0314	0.0026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000
30.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000
31.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0234	0.0090	0.0000
TOTAL	**0.0623**	**0.3230**	**1.6982**	**0.0000**	**0.0000**	**0.0135**	**0.4359**	**0.1224**	**0.0000**

ALL FIGURES IN MUs

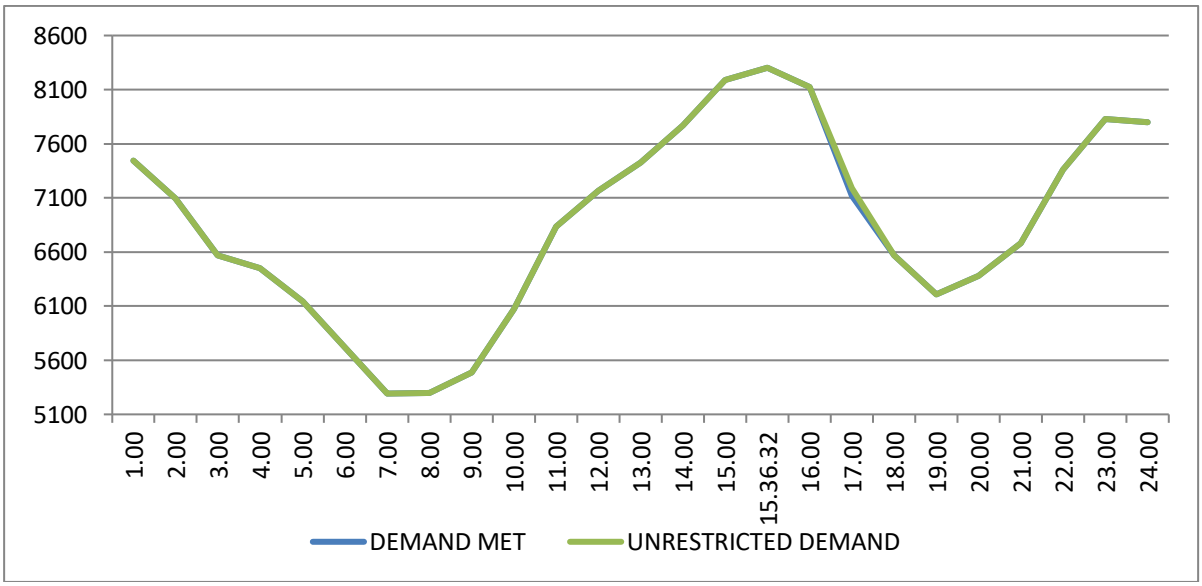
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0038	0.0038
02.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0002
03.05.24	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0045	0.0045
04.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0073	0.0073
05.05.24	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0316	0.0316
06.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0088	0.0088
07.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
08.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0096	0.0096
09.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.05.24	0.0000	0.0000	0.0063	0.0000	0.0000	0.0000	0.0000	0.6572	0.6572
11.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1172	0.1172
12.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0153	0.0153
14.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0087	0.0087
15.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0053	0.0053
17.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0024	0.0024
18.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0413	0.0413
19.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0353	0.0353
20.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.4492	1.4492
21.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0626	0.0626
22.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0052	0.0052
23.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0280	0.0280
24.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0020	0.0020
25.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0117	0.0117
26.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0452	0.0452
27.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0349	0.0349
28.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0084	0.0084
29.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0346	0.0346
30.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0002
31.05.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0324	0.0324
TOTAL	**0.0000**	**0.0007**	**0.0069**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.6628**	**2.6628**

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
01.05.24	99.827	4737	0:01:09	0	4737	4737	0:01:09	4737	0
02.05.24	97.606	4836	15:24:31	0	4836	4836	15:24:31	4836	0
03.05.24	102.095	5079	15:33:10	0	5079	5079	15:33:10	5079	0
04.05.24	106.522	5189	23:40:09	0	5189	5189	23:40:09	5189	0
05.05.24	107.656	5442	23:25:26	0	5442	5442	23:25:26	5442	0
06.05.24	118.469	6040	23:03:13	0	6040	6040	23:03:13	6040	0
07.05.24	128.436	6456	22:57:03	0	6456	6456	22:57:03	6456	0
08.05.24	131.176	6389	15:35:45	0	6389	6389	15:35:45	6389	0
09.05.24	128.009	6271	15:26:04	0	6271	6271	15:26:04	6271	0
10.05.24	126.827	6529	15:20:31	0	6529	6529	15:20:31	6529	0
11.05.24	116.903	5800	23:48:37	0	5800	5800	23:48:37	5800	0
12.05.24	117.439	5757	0:01:23	0	5757	5757	0:01:23	5757	0
13.05.24	129.684	6307	15:15:42	0	6307	6307	15:15:42	6307	0
14.05.24	127.956	6260	15:20:46	0	6260	6260	15:20:46	6260	0
15.05.24	131.072	6486	23:25:34	0	6486	6486	23:25:34	6486	0
16.05.24	135.301	6834	23:10:33	0	6834	6834	23:10:33	6834	0
17.05.24	141.059	6987	23:25:50	0	6987	6987	23:25:50	6987	0
18.05.24	142.044	7174	22:52:45	0	7174	7174	22:52:45	7174	0
19.05.24	138.165	7164	23:26:58	0	7164	7164	23:26:58	7164	0
20.05.24	152.497	7591	23:37:29	0	7591	7591	23:37:29	7591	0
21.05.24	157.373	7726	23:01:59	0	7726	7726	23:01:59	7726	0
22.05.24	162.342	7999	15:42:10	0	7999	7999	15:42:10	7999	0
23.05.24	156.361	7688	23:08:12	0	7688	7688	23:08:12	7688	0
24.05.24	159.504	7873	15:33:08	0	7873	7873	15:33:08	7873	0
25.05.24	144.716	7580	0:00:35	0	7580	7580	0:00:35	7580	0
26.05.24	147.632	7680	23:27:34	0	7680	7680	23:27:34	7680	0
27.05.24	160.981	7933	23:16:38	0	7933	7933	23:16:38	7933	0
28.05.24	162.176	7911	15:19:34	0	7911	7911	15:19:34	7911	0
29.05.24	164.643	8302	15:36:32	0	8302	8302	15:36:32	8302	0
30.05.24	163.276	8091	15:28:18	0	8091	8091	15:28:18	8091	0
31.05.24	163.764	8032	23:25:10	0	8032	8032	23:25:10	8032	0
TOTAL	4221.511								

9. LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING MAY 2024 ON 29.05.2024 - 8302MW AT 15.36.32HRS.

All figures in MW

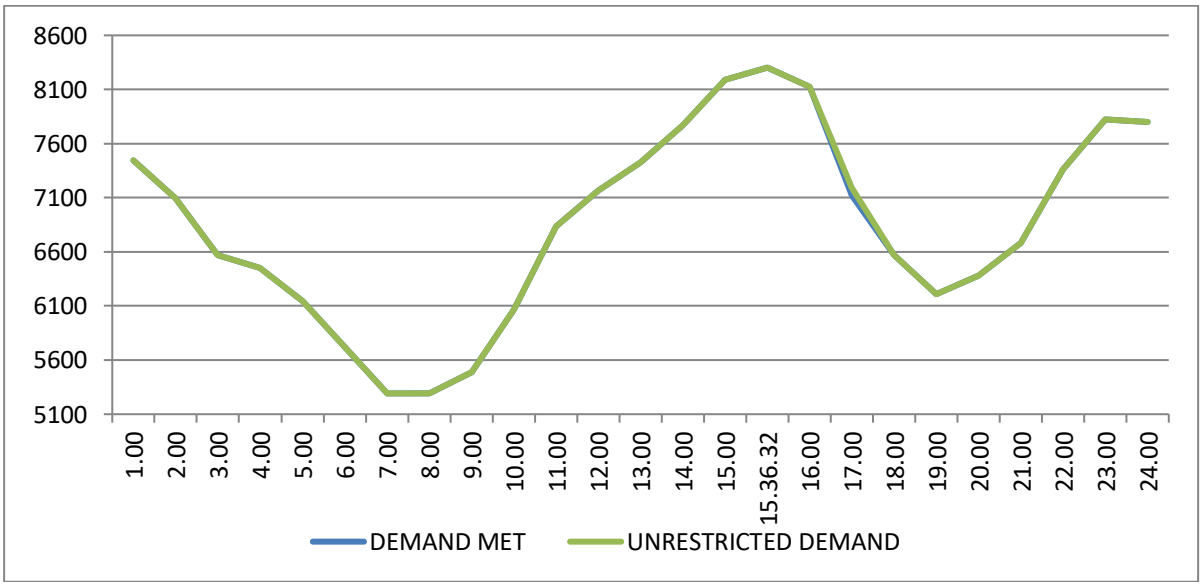
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	7443	0	7443
2.00	7093	0	7093
3.00	6571	0	6571
4.00	6451	0	6451
5.00	6146	0	6146
6.00	5717	0	5717
7.00	5292	0	5292
8.00	5295	0	5295
9.00	5487	0	5487
10.00	6070	0	6070
11.00	6837	0	6837
12.00	7169	0	7169
13.00	7427	0	7427
14.00	7770	0	7770
15.00	8190	0	8190
15.36.32	8302	0	8302
16.00	8126	0	8126
17.00	7120	71.6	7191.6
18.00	6567	0	6567
19.00	6207	0	6207
20.00	6382	0	6382
21.00	6684	0	6684
22.00	7361	0	7361
23.00	7826	0	7826
24.00	7797	0	7797
Total (IN MUS)	**164.643**	**0.0346**	**164.678**



10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING MAY 2024 ON 29.05.2024-8302MW AT 15.36.32HRS.

All figures in MW

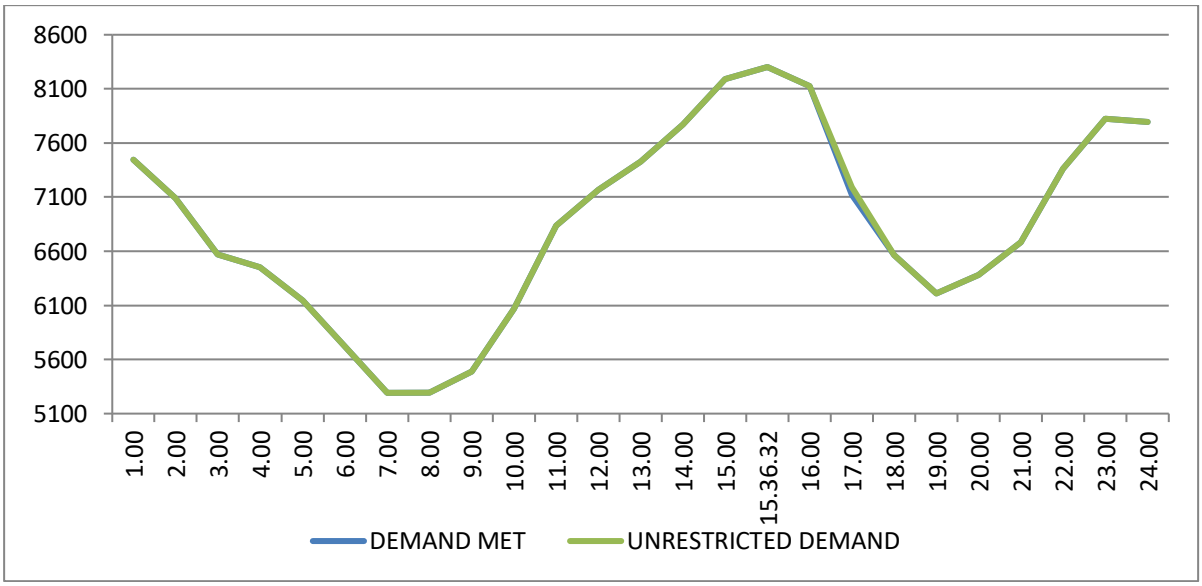
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	7443	0	7443
2.00	7093	0	7093
3.00	6571	0	6571
4.00	6451	0	6451
5.00	6146	0	6146
6.00	5717	0	5717
7.00	5292	0	5292
8.00	5295	0	5295
9.00	5487	0	5487
10.00	6070	0	6070
11.00	6837	0	6837
12.00	7169	0	7169
13.00	7427	0	7427
14.00	7770	0	7770
15.00	8190	0	8190
15.36.32	8302	0	8302
16.00	8126	0	8126
17.00	7120	71.6	7191.6
18.00	6567	0	6567
19.00	6207	0	6207
20.00	6382	0	6382
21.00	6684	0	6684
22.00	7361	0	7361
23.00	7826	0	7826
24.00	7797	0	7797
Total (IN MUS)	**164.643**	**0.0346**	**164.678**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING MAY 2024 – 29.05.2024 – 164.643Mus

All figures in MW

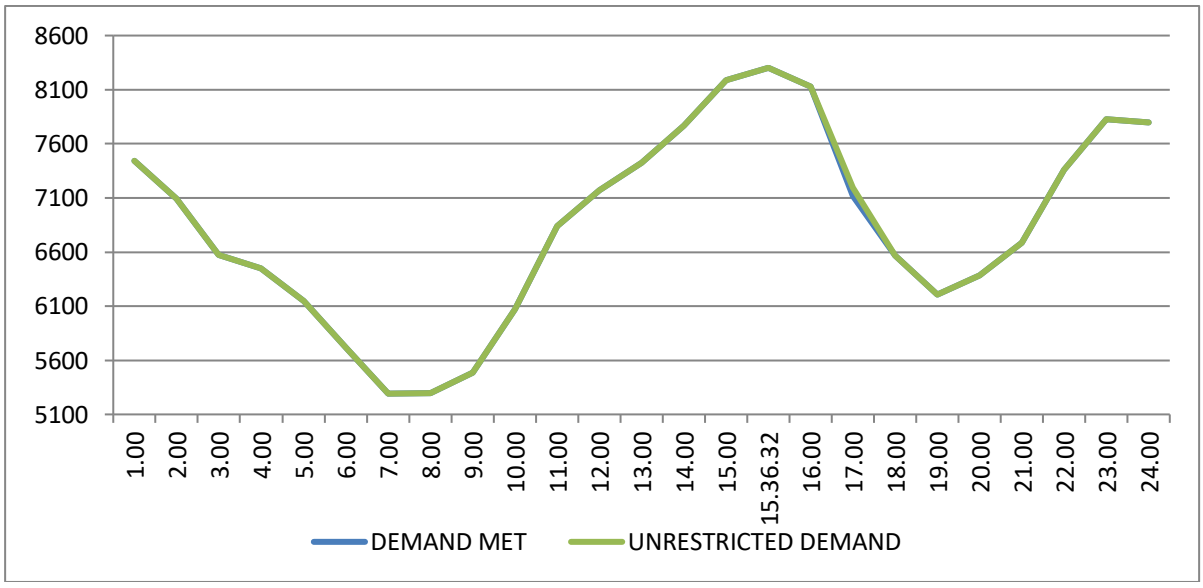
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	7443	0	7443
2.00	7093	0	7093
3.00	6571	0	6571
4.00	6451	0	6451
5.00	6146	0	6146
6.00	5717	0	5717
7.00	5292	0	5292
8.00	5295	0	5295
9.00	5487	0	5487
10.00	6070	0	6070
11.00	6837	0	6837
12.00	7169	0	7169
13.00	7427	0	7427
14.00	7770	0	7770
15.00	8190	0	8190
15.36.32	8302	0	8302
16.00	8126	0	8126
17.00	7120	71.6	7191.6
18.00	6567	0	6567
19.00	6207	0	6207
20.00	6382	0	6382
21.00	6684	0	6684
22.00	7361	0	7361
23.00	7826	0	7826
24.00	7797	0	7797
Total (IN MUS)	**164.643**	**0.0346**	**164.678**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING MAY 2024 ON 29.05.2024- 164.678MUs

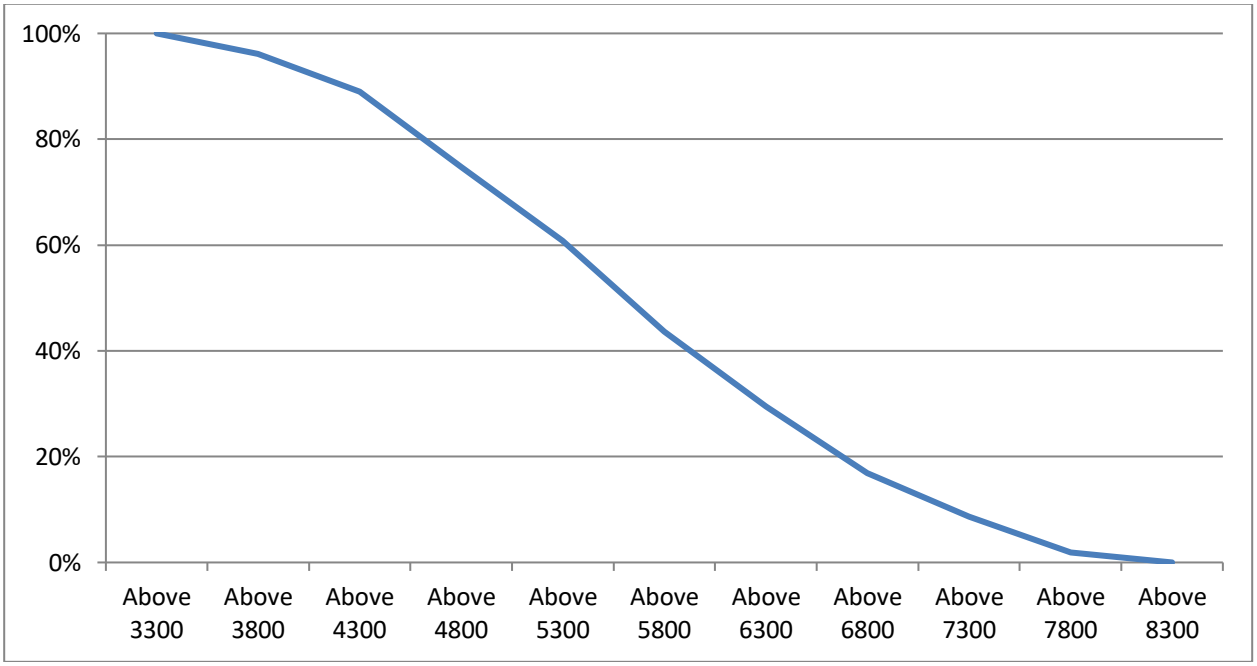
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	7443	0	7443
2.00	7093	0	7093
3.00	6571	0	6571
4.00	6451	0	6451
5.00	6146	0	6146
6.00	5717	0	5717
7.00	5292	0	5292
8.00	5295	0	5295
9.00	5487	0	5487
10.00	6070	0	6070
11.00	6837	0	6837
12.00	7169	0	7169
13.00	7427	0	7427
14.00	7770	0	7770
15.00	8190	0	8190
15.36.32	8302	0	8302
16.00	8126	0	8126
17.00	7120	71.6	7191.6
18.00	6567	0	6567
19.00	6207	0	6207
20.00	6382	0	6382
21.00	6684	0	6684
22.00	7361	0	7361
23.00	7826	0	7826
24.00	7797	0	7797
Total (IN MUS)	**164.643**	**0.0346**	**164.678**



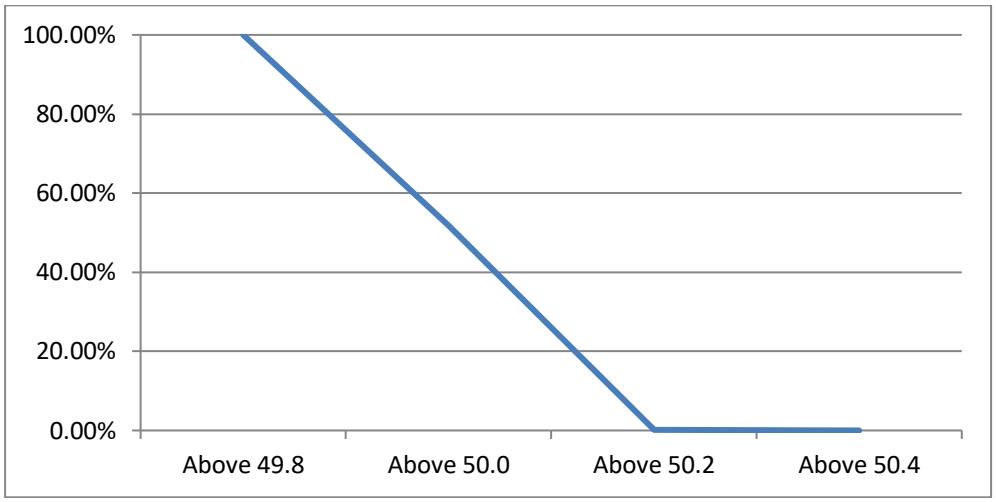
13 LOAD DURATION CURVE FOR MAY 2024

LOAD REMAINED ABOVE IN MW	(%) OF TIME
Above 3300	100%
Above 3800	96.14%
Above 4300	88.94%
Above 4800	74.66%
Above 5300	60.85%
Above 5800	43.65%
Above 6300	29.50%
Above 6800	16.93%
Above 7300	8.64%
Above 7800	1.88%
Above 8300	0.00%



14 FREQUENCY ANALYSIS FOR THE MONTH OF MAY 2024

FREQUENCY REMAINED ABOVE IN HZ	(%) OF TIME
Above 49.8	100.00%
Above 50.0	51.71%
Above 50.2	0.16%
Above 50.4	0.00%



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.05.24	229.39	221.05	233.66	221.50
02.05.24	229.56	218.91	235.04	219.50
03.05.24	229.28	216.87	233.78	215.26
04.05.24	229.35	216.51	233.40	213.46
05.05.24	227.44	219.29	230.00	216.03
06.05.24	227.06	215.00	229.75	209.08
07.05.24	226.79	215.57	230.62	210.44
08.05.24	227.40	215.57	225.34	210.67
09.05.24	227.48	216.25	225.98	204.98
10.05.24	228.05	214.72	234.04	205.31
11.05.24	227.11	216.09	228.18	206.66
12.05.24	225.91	217.46	229.17	208.64
13.05.24	225.98	215.39	227.39	204.89
14.05.24	227.32	216.47	227.13	205.74
15.05.24	226.53	216.28	230.03	207.68
16.05.24	225.35	214.41	229.78	207.99
17.05.24	227.19	213.69	230.95	206.35
18.05.24	226.98	215.63	223.95	207.47
19.05.24	226.28	211.47	228.59	204.54
20.05.24	224.22	211.34	217.93	201.15
21.05.24	223.30	211.74	225.20	202.59
22.05.24	223.03	210.50	224.16	209.41
23.05.24	224.32	211.36	226.84	210.84
24.05.24	224.20	211.97	226.48	207.64
25.05.24	224.57	215.41	229.63	213.68
26.05.24	225.64	213.01	230.63	213.81
27.05.24	223.39	209.70	229.00	209.30
28.05.24	225.96	210.93	232.91	214.50
29.05.24	225.80	210.36	227.51	210.54
30.05.24	223.09	211.83	225.70	210.72
31.05.24	223.53	208.26	228.97	208.32

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

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.05.24	421.04	3:56:59	404.60	9:17:58	412.57
02.05.24	423.28	3:58:39	401.56	11:48:48	410.70
03.05.24	421.02	3:57:58	398.11	10:22:28	410.50
04.05.24	420.50	3:59:22	394.95	9:45:10	409.65
05.05.24	419.12	18:02:26	400.46	10:46:14	410.64
06.05.24	415.17	3:00:05	394.53	10:12:06	406.94
07.05.24	415.19	3:58:30	394.80	22:40:09	405.54
08.05.24	414.52	3:59:06	399.71	0:16:44	409.45
09.05.24	410.71	18:01:11	397.33	22:34:26	407.04
10.05.24	424.00	22:25:32	392.34	11:37:27	406.68
11.05.24	417.04	5:00:58	394.62	22:49:43	405.61
12.05.24	414.25	17:47:05	396.34	0:01:17	405.90
13.05.24	413.34	3:58:28	390.73	10:18:09	404.43
14.05.24	413.41	3:56:00	394.50	10:14:19	405.98
15.05.24	415.63	3:06:13	396.28	10:18:15	406.71
16.05.24	413.75	6:01:49	394.41	10:58:57	405.27
17.05.24	414.13	6:01:02	391.58	10:54:39	404.04
18.05.24	413.28	18:01:07	0.00	6:23:04	327.32
19.05.24	414.92	18:02:06	387.01	22:27:00	403.30
20.05.24	411.45	18:04:02	387.52	10:35:27	398.81
21.05.24	407.62	7:56:18	388.54	10:44:27	398.42
22.05.24	408.26	18:01:21	388.03	13:49:24	397.79
23.05.24	412.77	6:00:47	386.98	14:21:06	401.45
24.05.24	410.65	7:02:22	388.86	14:12:16	399.69
25.05.24	412.22	18:02:31	395.95	10:37:05	402.96
26.05.24	414.30	18:01:13	386.85	22:14:56	402.50
27.05.24	411.84	18:02:01	385.94	14:30:49	399.23
28.05.24	411.86	18:01:02	387.79	10:13:55	400.47
29.05.24	415.90	17:28:22	385.40	12:40:24	399.45
30.05.24	412.39	18:03:54	387.48	10:29:08	399.44
31.05.24	415.54	19:02:40	384.77	14:22:35	400.69

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.05.24	419.30	3:53:13	404.82	10:34:47	411.7
02.05.24	421.13	3:58:08	403.00	11:48:55	410.3
03.05.24	419.90	3:57:55	399.29	10:22:25	410.1
04.05.24	418.51	3:56:49	398.80	9:45:08	409.5
05.05.24	416.35	18:02:34	401.49	10:40:33	409.8
06.05.24	414.68	3:57:23	396.75	10:12:12	407.2
07.05.24	414.07	3:59:01	400.64	10:08:22	406.7
08.05.24	415.57	3:58:30	395.89	14:40:39	405.2
09.05.24	413.91	3:58:45	395.42	10:51:57	405.0
10.05.24	420.87	22:25:22	393.09	11:46:55	405.3
11.05.24	415.11	5:01:06	396.97	11:58:03	405.3
12.05.24	409.84	4:00:38	394.53	12:14:06	402.8
13.05.24	412.27	18:01:02	394.44	10:18:20	404.3
14.05.24	412.28	4:08:21	391.70	10:24:25	405.1
15.05.24	411.55	3:57:58	390.95	10:18:14	404.2
16.05.24	410.75	6:02:05	397.09	10:56:54	404.9
17.05.24	411.20	6:01:00	393.91	10:19:49	404.6
18.05.24	412.55	18:01:02	396.37	10:48:32	403.9
19.05.24	412.59	18:02:21	392.02	22:26:26	403.4
20.05.24	409.11	18:03:09	389.16	10:35:34	399.9
21.05.24	406.71	7:58:06	393.84	10:40:05	401.1
22.05.24	408.67	18:01:32	393.93	10:18:19	401.7
23.05.24	410.35	8:00:45	393.64	10:22:02	403.1
24.05.24	409.33	7:01:46	393.27	14:15:58	400.4
25.05.24	408.49	17:45:18	393.88	22:26:52	400.9
26.05.24	409.99	18:01:35	392.45	21:49:48	402.2
27.05.24	411.93	18:03:46	392.57	10:08:35	401.8
28.05.24	410.53	18:01:21	389.33	10:24:39	401.3
29.05.24	412.36	17:25:47	387.44	10:13:51	400.0
30.05.24	411.57	18:03:15	391.18	0:10:28	402.5
31.05.24	413.00	19:02:25	391.04	14:23:59	403.4

17 DETAILS OF BREAK-DOWNS/TRIPPING DURING THE MONTH OF MAY 2024

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	01.05.24	7:20	INDRAPRASTHA POWER 220/33kV 100MVA Tx-III	01.05.24	17:35	O/C, Y PHASE, E/F
2	01.05.24	5:10	220kV BAMNAULI-PAPPANKALAN-III CKT-II	01.05.24	11:59	AT BAMNAULI : 86ABC, DIFFERENTIAL, B PHASE. DIST PROT, DIST 32.29KM.
3	02.05.24	18:10	220KV MAHARANI BAGH - PRAGATI CKT.	02.05.24	19:08	AT MAHARANI BAGH : 86
4	03.05.24	11:45	GEETA COLONY 220/33kV 100MVA Tx-II	03.05.24	15:57	O/C
5	04.05.24	5:09	220kV BAMNAULI-PAPPANKALAN-III CKT-II	04.05.24	10:14	AT BAMNAULI : DIST PROT, DIST 18.45KM.
6	05.05.24	7:52	NARAINA 220/33kV 100MVA Tx-II	08.05.24	15:48	O/C, RYB PHASE, CB RPOLE.
7	05.05.24	7:52	NARAINA 220/33kV 100MVA Tx-III	05.05.24	10:10	O/C, B PHASE.
8	05.05.24	7:52	NARAINA 220/33kV 100MVA Tx-I	05.05.24	10:10	O/C, R PHASE.
9	06.05.24	5:17	220kV BAMNAULI-PAPPANKALAN-I CKT-II	06.05.24	11:57	AT BAMNAULI : DIST PROT, ZONE-II, B PHASE, DIST 7.06KM.
10	06.05.24	6:01	GEETA COLONY 220/33kV 100MVA Tx-II	06.05.24	6:35	I/C -II HIGH SET TRIP, 78M.
11	06.05.24	6:01	GEETA COLONY 220/33kV 100MVA Tx-I	06.05.24	12:30	86, HV REF.
12	10.05.24	21:26	220KVBAWANA- ROHINI CKT-I	11.05.24	0:58	AT BAWANA : AB PHSAE, DIST PROT, ZONE-II, DIST 8.14KM.
13	10.05.24	21:26	220KVBAWANA- ROHINI CKT-II	11.05.24	0:58	AT BAWANA : DIST PROT, ZONE-I, DIST 7.9KM.
14	10.05.24	21:54	220kV KANJHAWALA-NAJAFGARH CKT	11.05.24	8:45	AT NAJAFGARH : 86.DIST PROT, ZONE-I.
15	10.05.24	21:54	220kV BAMNAULI-PAPPANKALAN-I CKT-I	11.05.24	2:35	AT BAMNAULI : DIST PROT, ZONE-II, RYB PHASE, DIST 8.155KM. 186.
16	10.05.24	21:54	220kV BAMNAULI-NAJAFGARH CKT-II	10.05.24	23:20	AT BAMNAULI : 86AB, DIST PROT, ZONE-IO, B PHASE.
17	10.05.24	21:54	220kV BAMNAULI-PAPPANKALAN-I CKT-II	11.05.24	2:35	AT BAMNAULI : B PHASE, DIST PROT, ZONE-II, DIST 7.16KM, 186.
18	10.05.24	22:12	220kV GOPALPUR- MANDOLACKT-II	11.05.24	1:01	AT GOPALPUR : CVT DISAPPEARD. TRIPPING AT MANDOLA END.
19	11.05.24	10:21	220kV BAWANA - KANJHAWALA CKT - 1	11.05.24	13:17	AT KHANJAWALA : DIST PROT, ZONE-I, DIST 45KM, R PHASE.
20	11.05.24	22:06	PAPPANKALAN-II 220/66kV 160MVA Tx-IV	11.05.24	23:09	O/C
21	11.05.24	22:06	PAPPANKALAN-II 220/66kV 100MVA Tx-II	12.05.24	17:05	LV REF.
22	13.05.24	9:14	220kV BAWANA - KANJHAWALA CKT-2	13.05.24	11:44	AT BAWANA : DIST PROT, ZONE-I, B PHASE, DIST 7.266KM.
23	13.05.24	13:35	220kV BAWANA-DSIIDC BAWANA CKT-II	13.05.24	17:40	AT BAWANA : DIST PROT, ZONE-I, R&B PHASE, DIST 1.3KM.
24	13.05.24	13:48	220kV BAWANA - KANJHAWALA CKT - 1	13.05.24	16:30	AT BAWANA : DIST PROT, ZONE-II, B&Y PHASE, DIST 10.12KM.
25	14.05.24	12:28	220kV DIAL- MEHRAULI CKT-II	14.05.24	14:10	AT MEHRAULI : E/F, B PHASE.
26	14.05.24	23:01	PARKSTREET 220/66kV 100MVA Tx-II	15.05.24	18:00	86
27	16.05.24	13:24	220KV WAZIRABAD - MANDOLA CKT-III	16.05.24	18:48	AT WAZIRABAD : DIFFERENTIAL, B PHASE, DIST PROT, DIST 21.17KM.
28	16.05.24	22:58	220kV OKHLA - BTPS CKT. - II	16.05.24	23:20	AT BTPS : TRIPPED WITHOUT INDICATION.
29	16.05.24	22:58	220kV GEETA COLONY-PATPARGANJ CKT-I	17.05.24	0:18	AT GEETA COLONY : RYB PHASE, INTER LOCKING, AUTO TRIP, 30C.
30	17.05.24	11:45	220kV BAMNAULI - DIAL CKT-I	17.05.24	16:45	AT BAMNAULI : DIST PROT, ZONE-I, DIST 2.11KM., 86AB.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
31	17.05.24	22:25	GOPALPUR 220/66kV 100MVA Tx-II	17.05.24	23:02	86
32	18.05.24	6:47	220kV PRAGATI - PARK STREET CKT-II	18.05.24	7:47	AT PARK STREET : RY PHASE, O/C, 86.
33	18.05.24	21:48	220kV VASANT KUNJ - R.K.PURAM CKT.-II	19.05.24	0:06	AT VASANT KUNJ : 86AB, R PHASE, DIFFERNTIAL.
34	18.05.24	21:48	220kV MAHARANIBAGH-MASJID MOTH CKT-I	still out		Masjid Moth : Distance protection ,Zone-I ,A-G,86. Maharanibagh: General trip , R phase ,Distance protection, Zone-I , Dist.-2.3km .
35	19.05.24	0:09	220kV VASANT KUNJ - R.K.PURAM CKT.-II	19.05.24	11:36	AT R.K.PURAM : 86, DIFFERENTIAL.
36	19.05.24	6:24	220kV PRAGATI - PARK STREET CKT-II	19.05.24	11:29	AT PARK STREET : R PHASE, 86, 86A&B.
37	19.05.24	15:45	220kV BAMNAULI-NAJAFGARH CKT-II	19.05.24	18:40	AT NAJAFGARH : R PHSE, 86A&B.
38	20.05.24	9:14	LODHI RD 220/33kV 100MVA TR. -III	20.05.24	10:25	86B.
39	20.05.24	22:05	GOPALPUR 220/66kV 100MVA Tx-II	20.05.24	22:45	86
40	21.05.24	15:00	GOPALPUR 220/66kV 100MVA Tx-II	21.05.24	15:05	86
41	21.05.24	15:44	GOPALPUR 220/66kV 100MVA Tx-II	21.05.24	15:48	86
42	21.05.24	23:04	PAPPANKALAN-I 220/66kV 100MVA Tx-III	21.05.24	23:31	E/F, O/C
43	21.05.24	23:04	PAPPANKALAN-I 220/66kV 100MVA Tx-I	21.05.24	23:31	E/F, O/C
44	23.05.24	5:57	NARELA 66/11kV, 20MVA Tx-II	23.05.24	6:53	86A, 86B, DIFFERENTIAL.
45	23.05.24	19:28	220KV BAWANA-SHALIMARBAGH CKT-I	23.05.24	20:17	AT SHALIMARBAGH : 186, O/C.
46	24.05.24	13:13	LODHI RD 33/11kV, 16MVA Tx-iV	24.05.24	13:22	86B
47	24.05.24	17:40	NAJAFGARH 66kV PASCHIM VIHAR CKT-II (BODHELA-II CKT-II)	24.05.24	19:00	HOT POINT.
48	25.05.24	10:38	220KV GAZIPUR - MAHARANIBAGH CKT. -II	25.05.24	12:41	AT MAHARANI BAGH : GEN TRIP, DIST PROT, ZONE-I, DIT 3.5KM, R PHASE.
49	25.05.24	10:42	220KV GAZIPUR - MAHARANIBAGH CKT. -I	25.05.24	12:37	AT MAHARANI BAGH : R PHASE, DIST PROT, ZONE-I, DIST 2.9KM.
50	25.05.24	16:10	220 KV GOPALPUR-WAZIRABAD CKT-2	25.05.24	17:50	AT WAZIRABAD : Y-N, B PHASE, DIST PROT, ZONE-II,
51	26.05.24	12:30	220kV PRAGATI - SARITA VIHAR CKT - I	26.05.24	14:05	AT SARITA VIHAR : DIST PROT, ZONE-II, DIST 12.21KM.
52	26.05.24	18:35	VASANT KUNJ 220/66kV 160MVA Tx-I	26.05.24	19:24	O/C B PHASE.
53	26.05.24	18:35	VASANT KUNJ 220/66kV 100MVA Tx-III	26.05.24	18:55	O/C, B PHASE.
54	26.05.24	18:35	VASANT KUNJ 220/66kV 100MVA Tx-II	26.05.24	18:55	O/C, B PHASE.
55	28.05.24	14:25	220kV BAMNAULI-PAPPANKALAN-II CKT-II	28.05.24	16:09	AT PAPANKALAN-II : DIST PROT, RYB PHASE, 86ABC.
56	28.05.24	17:30	220kV BAMNAULI-PAPPANKALAN-II CKT-II	30.05.24	21:51	AT BAMNAULI : E/F, DIFFERENTIAAL, R PHASE.
57	28.05.24	18:05	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	28.05.24	18:10	O/C, RYB PHASE.
58	28.05.24	18:40	MASJID MOTH 220/33kV 100MVA Tr-III	28.05.24	19:15	86
59	29.05.24	0:54	SUBZI MANDI 33/11kV, 16MVA Tx-I	29.05.24	9:30	86, DIFFERENTIAL, C PHASE.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
60	29.05.24	10:04	LODHI RD 33/11kV, 20MVA Tx-I	29.05.24	10:15	E/F
61	29.05.24	16:05	NARELA 66/11kV, 20MVA Tx-I	29.05.24	16:15	O/C, R PHASE.
62	29.05.24	16:53	PATPARGANJ 220/66kV 100MVA Tx-II	29.05.24	17:31	E/F
63	29.05.24	16:53	PATPARGANJ 220/66kV 100MVA Tx-I	29.05.24	17:31	E/F.
64	29.05.24	17:11	GAZIPUR 220/66kV 160MVA Tx-I	29.05.24	19:46	SPR, DIFFERENTIAL, R PHASE.
65	31.05.24	15:40	400KV BAMNAULI -TUGLAKABAD CKT.-I	31.05.24	19:32	AT BAMNAULI : DIST PROT, ZONE-I, DIST 20.34KM, B PHASE, LINE DIFFERENTIAL.

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

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