DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

AUGUST 2024

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	AUG. 2023	AUG. 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)**	**7437**	**6890**
	Date	22.08.2023	22.08.2024
	Time	15.16.34	15.22.49
3	**Peak Demand met (MW)**	**7437**	**6890**
	Date	22.08.2023	22.08.2024
	Time	15.16.34	15.22.49
4	Peak Availability (MW)	7404	6714
5	Shortage (-) / Surplus (+) in MW	(-) 33	(-) 176
6	Percentage Shortage (-) / Surplus (+)	(-) 0.44	(-) 2.55
7	Maximum Energy Consume in a day (Mus)	149.697	136.918
8	Energy Consumed during the month	**4104.623**	**3938.230**
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	0.403	0.267
	TPDDL	0.109	0.021
	BRPL	0.211	0.375
	BYPL	0.049	0.012
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	.0005	0.000
	Total	0.7725	**0.675**
10	**Grand Total in Mus**	**0.7725**	**0.675**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING AUGUST 2024

A) For the month of August 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	26.062	2.415	23.647	91.63	34.994
3.	PPCL	112.183	2.663	109.520	90.63	107.229
4.	Bawana	236.404	8.876	227.528	80.17	567.046
	TOTAL	**374.649**	**14.078**	**360.571**	--	**709.269**

WASTE TO ENERGY GENERATING PLANTS WITHIN DELHI

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation
5.	Towmcl	14.779	2.530	12.249
6.	EDWPCL	4.688	0.736	3.952
7.	DMSWL	14.352	2.274	12.078
8.	TWEPL	19.722	1.973	17.749
	TOTAL	**53.541**	**7.513**	**46.028**

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

Power Station	Effective Capacity (MW)	Net Generation in MUs for Aug 2024	Availability (%) for Aug 2024	Cumulative Generation in MUs upto Aug 2024 for the year 2024-25	Cumulative Availability in % upto Aug 2024 for the year 2024-25
RPH	135	-0.124	--	-0.612	--
GT	90	23.647	91.63	108.268	90.19
PPCL	330	109.520	90.63	605.743	90.32
Bawana	1372	227.528	80.17	1846.16	88.76
TOTAL	1927	**360.571**	**--**	**2559.559**	--

WASTE TO ENERGY GENERATING PLANTS WITHIN DELHI

Power Station	Effective Capacity (MW)	Net Generation in MUs for Aug 2024	Cumulative Generation in MUs upto Aug 2024 for the year 2024-25
Towmcl	16	12.249	60.152
EDWPCL	10	3.952	19.984
DMSWL	24	12.078	58.618
TWEPL	25	17.749	85.136
TOTAL	**75**	**46.028**	**223.89**

3 DETAILS OF CUMULATIVE OUTAGES OF GENERATING STNS. WITHIN DELHI FOR FY 2024-25 UTPO AUGUST 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
		01.08.24	00.00	12.08.24	13.10	GT#1 is standby as there is no demand from NLDC
		12.08.24	13.18	13.08.24	12.57	GT#1 is standby as there is no demand from NLDC
		13.08.24	14.28	23.08.24	07.58	GT#1 is standby as there is no demand from NLDC
		23.08.24	12.15	31.08.24	23.59	GT#1 is standby as there is no demand from NLDC
2	30	NIL				
3	30	NIL				
4	30	NIL				
5	30	01.04.24	00.00	09.05.24	11.45	Unit stopped due to less demand
		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
		02.06.24	00.01	03.06.24	23.59	GT#5 is standby as there is no demand from NLDC
		03.07.24	10:30	12.07.24	12:43	GT#5 is standby as there is no demand from SLDC
		12.07.24	19:30	22.07.24	5:57	GT#5 is standby as there is no demand from SLDC
		31.07.24	8:00	31.07.24	23:59	GT#5 is standby as there is no demand from SLDC
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.
		08.06.24	00.00	10.06.24	11.48	GT#6 is standby as there is no demand from NLDC
		15.06.24	00.02	17.06.24	23.59	GT#6 is standby as there is no demand from NLDC
		22.06.24	00.00	03.07.24	11:00	GT#6 is standby as there is no demand from NLDC
		03.07.24	20:30	04.07.24	13:59	GT#6 is standby as there is no demand from SLDC
		04.07.24	17:27	11.07.24	15:29	GT#6 is standby as there is no demand from SLDC
		12.07.24	12:45	22.07.24	4:50	GT#6 is standby as there is no demand from SLDC
		22.07.24	6:09	31.07.24	7:45	GT#6 is standby as there is no demand from SLDC
		26.08.24	01.10	26.08.24	12.08	GT#6 came on FSNL because STG#3 tripped with heavy jerk. It is found that 20 MVA,66 KV breaker tripped alongwith ACW-3, CW-3 & CT Fans 3&4 tripped.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
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.
		21.06.24	16.34	21.06.24	17.49	Blr#1 tripped due to differential relay operated in 20 MVA.
		03.07.24	10:30	04.07.24	12:45	STG # 1 not able to synchronized due to low vacuum
		04.07.24	17:30	04.07.24	23:59	STG # 1 not able to synchronized due to low vacuum
		01.08.24	00.00	31.08.24	23.59	Blr#1 is standby as there is no demand from SLDC
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
		02.06.24	00.01	04.06.24	02.09	Blr#5 is standby as there is no demand from NLDC
		08.06.24	00.00	10.06.24	15.17	Blr#6 is standby as there is no demand from NLDC
		15.06.24	00.04	17.06.24	23.59	Blr#6 is standby as there is no demand from NLDC
		23.06.24	11.00	30.06.24	23.59	Blr#6 is standby as there is no demand from NLDC
		02.07.24	0:00	03.07.24	9:15	Blr#6 is standby as there is no demand from SLDC
		03.07.24	10:30	04.07.24	12:45	STG # 3 not able to synchronized due to low IR value in generator rotor
		04.07.24	12:45	04.07.24	14:00	STG#3 is standby as there is no demand from SLDC
		04.07.24	14:00	08.07.24	14:30	STG # 3 not able to synchronized due to low IR value in generator rotor
		08.07.24	14:30	11.07.24	18:30	STG#3 is standby as there is no demand from SLDC
		11.07.24	18:30	11.07.24	20:00	STG # 3 not able to synchronized due to low IR value in generator rotor
		11.07.24	20:00	11.07.24	20:30	STG#3 is standby as there is no demand from SLDC
		11.07.24	20:30	13.07.24	8:00	STG # 3 not able to synchronized due to low IR value in generator rotor
		13.07.24	8:00	13.07.24	12:45	STG # 3 not able to synchronized due to low IR value in generator rotor
		13.07.24	12:45	22.07.24	9:11	STG#3 is standby as there is no demand from SLDC
		22.07.24	9:11	31.07.24	7:45	Blr#6 is standby as there is no demand from SLDC
		31.07.24	8:00	31.07.24	23:59	Blr#5 is standby as there is no demand from SLDC
		26.08.24	01.10	26.08.24	14.05	STG#3 tripped with heavy jerk. It is found that 20 MVA,66 KV breaker tripped alongwith ACW-3, CW-3 & CT Fans 3&4 tripped.

(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
		11.06.24	14.10	11.06.24	16.48	Unit tripped due to grid disturbance
		28.06.24	17.00	03.07.24	12.43	Unit stopped due to less demand
		03.07.24	16.19	15.07.24	20.25	Unit stopped due to less demand
		16.07.24	00.00	18.07.24	12.20	Unit stopped due to less demand
		18.07.24	13.06	20.07.24	14.26	Unit stopped due to less demand
		30.07.24	05.34	30.07.24	07.04	Unit tripped due to grid disturbance
		01.08.24	00.00	07.08.24	12.30	Unit stopped due to less demand
		07.08.24	12.30	07.08.24	18.00	Unit stopped to attend fault.
		07.08.24	18.00	31.08.24	23.59	Unit stopped due to less demand
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
		11.06.24	14.10	11.06.24	15.22	Unit tripped due to grid disturbance
		18.06.24	05.57	18.06.24	08.58	Unit stopped to attend fault
		28.06.24	17.00	28.06.24	18.09	Unit stopped due to less demand
		20.07.24	16.26	21.07.24	16.45	Unit stopped due to less demand
		21.07.24	16.45	21.07.24	17.30	Unit stopped to attend fault.
		21.07.24	17.30	31.07.24	07.19	Unit stopped due to less demand
		01.08.24	16.00	01.08.24	16.58	Unit tripped on internal fault.
		04.08.24	12.42	04.08.24	13.48	Unit tripped on internal fault.
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
		11.06.24	14.10	11.06.24	16.22	Unit tripped due to grid disturbance
		28.06.24	17.00	28.06.24	19.08	Unit stopped due to less demand
		11.07.24	17.51	11.07.24	18.54	Unit tripped due to grid disturbance
		30.07.24	05.34	30.07.24	08.28	Unit tripped due to grid disturbance
		01.08.24	16.00	01.08.24	18.36	Unit tripped on internal fault.
		04.08.24	12.42	04.08.24	15.16	Unit tripped on internal fault.
		18.08.24	10.51	18.08.24	11.57	Unit tripped on internal fault.

(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.
		07.06.24	05.16	07.06.24	08.30	Forced Ouatge: Due to internal fault.
		21.08.24	21.57	22.08.24	13.30	Forced outage due to GCB 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.
		03.06.24	13.00	06.06.24	05.00	Forced Ouatge: Due to failed to accelerate.
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.
		13.06.24	03.58	13.06.24	08.30	Forced Ouatge: Due to exhaust temperature high
		18.06.24	17.00	18.06.24	22.15	Forced Ouatge: Due to gas valve malfunctioning.
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.
		18.06.24	22.15	19.06.24	19.30	Forced Ouatge: Due to leakage from the tube of HRSG-4.
		24.07.24	00.00	24.07.24	21.30	To attend the malfunctioning of gas valve of GT-4
		30.07.24	21.00	31.07.24	03.00	Due to leakage in hot water generator.
		18.08.24	17.40	31.08.24	23.59	Forced Outage: Due to inspection of Gas Turbine Generator of GT#4.
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.
		03.06.24	13.00	06.06.24	05.00	Forced Ouatge: Due to outage of GT#2.
		07.06.24	05.18	07.06.24	08.30	Forced Ouatge: Due to outage of GT#1.
		21.08.24	22.01	22.08.24	13.30	Forced Outage: Due to outage of GT#1. (1/2 STG)

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
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.
		13.06.24	03.58	13.06.24	08.30	Forced Ouatge: Due to outage of GT#3.
		18.06.24	17.00	18.06.24	22.15	Forced Ouatge: Due to outage of GT#3.
		18.06.24	22.15	19.06.24	19.30	Forced Ouatge: Due to outage of HRSG-4 /GT#4.
		24.07.24	00.00	24.07.24	21.30	Due to outage of GT-4
		30.07.24	21.00	31.07.24	03.00	Due to outage of GT-4
		01.08.24	05.00	04.08.24	10.00	Forced Outage: Due to no raw water supply from DJB (Channel damaged), GT-3 & 4 are available on OC only.
		18.08.24	17.40	31.08.24	23.59	Forced Ouatge: Due to outage of GT#4. (1/2 STG)

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. 01.08.2024

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	**11.82744**	**49.56**	**19.32**	**11.17**	**13.50**	**5.56**	0		
Auriya GPS	663.36	**12.17774**	**80.78**	**31.64**	**18.30**	**22.10**	**8.74**	0		
Dadri GPS	829.78	**12.33157**	**102.32**	**39.94**	**23.09**	**27.91**	**11.38**	0		
Total Gas Based	**3703.14**		**1749**	**648**	**373**	**452**	**230**	**45**	**1.00**	**0.00**
Coal Based Stn										
Singrauli STPS	2000	**7.789718**	**155.79**	**29.64**	**74.34**	**46.02**	**5.79**	0		
Rihand Stage-I	1000	**10.287864**	**102.88**	**69.32**	**0.00**	**30.68**	**2.88**	0		
Rihand Stage -II	1000	**12.912896**	**129.13**	**55.34**	**32.00**	**38.66**	**3.13**	0		
Rihand Stage-III	1000	**13.538662**	**135.39**	**78.17**	**53.74**	**0.00**	**3.48**	0		
Dadri (Th) -II	980	**74.673099**	**731.80**	**543.59**	**175.10**	**9.98**	**3.12**	0		
Unchahaar-I TPS	420	**5.820556**	**24.45**	**10.53**	**6.09**	**7.36**	**0.46**	0		
Unchahaar-II TPS	420	**11.537662**	**48.46**	**20.64**	**11.94**	**14.42**	**1.46**	0		
Unchahaar-III TPS	210	**14.152099**	**29.72**	**12.74**	**7.37**	**8.90**	**0.72**	0		
Unchahaar-IV TPS	500	**0.347662**	**1.74**	**0.00**	**0.00**	**0.00**	**1.74**			
Jhajjar	1500	**46.870783**	**703.06**	**10.00**	**69.21**	**613.79**	**10.06**	0		
Meja TPS	1320	**0.661957**	**8.74**	**0.00**	**0.00**	**0.00**	**8.74**			
Tanda-II TPS	1320	**0.231775**	**3.06**	**0.00**	**0.00**	**0.00**	**3.06**			
Farakka(From ER)	1600	1.39	22.24	9.768	5.648	6.824		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**		**3686.44**	**1173.004**	**1020.2356**	**1428.5697**	**44.6362**	**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	**14.91870**	**44.76**	**17.56**	**10.16**	**12.27**	**4.77**	0		
Chamera-III HEP	231	**14.05791**	**32.47**	**12.92**	**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	**14.77591**	**35.46**	**14.18**	**8.20**	**9.90**	**3.18**	0		
Sewa HEP	120	**14.65391**	**17.58**	**7.02**	**4.06**	**4.91**	**1.59**	0		
Dhauli Ganga HEP	280	**14.53391**	**40.69**	**16.25**	**9.39**	**11.35**	**3.71**	0		
Dulhasti HEP	390	**14.15391**	**55.20**	**21.98**	**12.71**	**15.35**	**5.16**	0		
Parbati-III HEP	520	**14.05391**	**73.08**	**29.07**	**16.81**	**20.31**	**6.88**	0		
Nathpa Jhakri HEP	1500	**10.34378**	**155.16**	**62.39**	**36.08**	**43.58**	**13.11**	0		
Tehri Hydro	1000	**7.17378**	**71.74**	**43.67**	**0.00**	**19.33**	**8.74**	0		
Koteshwar HEP	400	**10.73378**	**42.94**	**27.34**	**0.00**	**12.10**	**3.50**	0		
Singrauli Hyd	8	**20.45391**	**1.64**	**0.00**	**0.00**	**1.53**	**0.11**			
Tala HEP	1020	2.94	29.99	13	8	9		0		
Kishan Ganag	330	**1.32391**	**4.37**				**4.37**			
Koldem	800	**0.61341**	**4.91**				**4.91**			
Rampur	412.02	**0.80670**	**3.32**				**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**		**892.11**	**414.4**	**165.3**	**246.1**	**66.4**	**0.0**	**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	**11.96420**	**52.64**	**32.57**	**0.00**	**14.42**	**5.65**	0		
RAPP (C)	440	**14.83650**	**65.28**	**24.53**	**14.18**	**17.13**	**9.44**	0		
Total Nuclear	**880**		**117.92308**	**57.100454**	**14.1812**	**31.546346**	**15.0951**	**0**	**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**		**8273**	**3276**	**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. 01.08.2024

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 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	**11.827444**	**49.56**	**38.99405**	**22.54925**	**27.23327**	**11.22342**	0.00		
Auriya GPS	663.36	**12.177735**	**80.78**	**39.16985**	**22.64789**	**27.36141**	**10.82085**	0.00		
Dadri GPS	829.78	**12.331574**	**102.32**	**39.03252**	**22.56537**	**27.27585**	**11.12246**	0.00		
Total Gas Based	**3703.14**		**1749**							
Coal Based Stn										
Singrauli STPS	2000	**7.789718**	**155.79**	**19.0251**	**47.7167**	**29.5389**	**3.7192**	**0.00**		
Rihand Stage-I	1000	**10.287864**	**102.88**	**67.3804**	**0.0000**	**29.8215**	**2.7981**	**0.00**		
Rihand Stage -II	1000	**12.912896**	**129.13**	**42.8564**	**24.7814**	**29.9391**	**2.4231**	**0.00**		
Rihand Stage-III	1000	**13.538662**	**135.39**	**57.7383**	**39.6937**	**0.0000**	**2.5679**	**0.000**		
Dadri (Th) -II	980	**74.673099**	**731.80**	**74.2822**	**23.9276**	**1.3642**	**0.4260**	**0.000**		
Unchahaar-I TPS	420	**5.820556**	**24.45**	**43.0887**	**24.9117**	**30.1002**	**1.8994**	**0.00**		
Unchahaar-II TPS	420	**11.537662**	**48.46**	**42.5962**	**24.6350**	**29.7556**	**3.0133**	**0.00**		
Unchahaar-III TPS	210	**14.152099**	**29.72**	**42.8676**	**24.7986**	**29.9383**	**2.4173**	**0.00**		
Unchahaar-IV TPS	500	**0.347662**	**1.74**	**0.0000**	**0.0000**	**0.0000**	**100.0000**	**0.00**		
Jhajjar	1500	**46.870783**	**703.06**	**1.4224**	**9.8441**	**87.3024**	**1.4311**	**0.00**		
Meja TPS	1320	**0.661957**	**8.74**	**0.0000**	**0.0000**	**0.0000**	**100.0000**	**0.00**		
Tanda-II TPS	1320	**0.231775**	**3.06**	**0.0000**	**0.0000**	**0.0000**	**100.0000**	**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**		**3686.4442**							
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	14.91870	**44.75609**	**39.23935**	**22.69635**	**27.41526**	**10.64903**	0.00		
Chamera-III HEP	231	14.05791	**32.47378**	**39.78542**	**23.00484**	**27.79218**	**9.41756**	0.00		
URI-I HEP	480	11.04	52.992	43.92	25.40	30.68	0.000	0.00		
URI -II HEP	240	**14.77591**	**35.46219**	**39.98399**	**23.12547**	**27.93059**	**8.95994**	0.00		
Sewa HEP	120	**14.65391**	**17.58470**	**39.94837**	**23.10646**	**27.91063**	**9.03454**	0.00		
Dhauli Ganga HEP	280	**14.53391**	**40.69496**	**39.92043**	**23.08394**	**27.88650**	**9.10913**	0.00		
Dulhasti HEP	390	**14.15391**	**55.20026**	**39.81231**	**23.02543**	**27.80856**	**9.35369**	0.00		
Parbati-III HEP	520	**14.05391**	**73.08035**	**39.78251**	**23.00427**	**27.79297**	**9.42024**	0.00		
Nathpa Jhakri HEP	1500	**10.34378**	**155.15675**	**40.20966**	**23.25455**	**28.08837**	**8.44742**	0.00		
Tehri Hydro	1000	**7.17378**	**71.73783**	**60.87444**	**0.00000**	**26.94534**	**12.18023**	0.00		
Koteshwar HEP	400	**10.73378**	**42.93513**	**63.67746**	**0.00000**	**28.18205**	**8.14049**	0.00		
Singrauli Hyd	8	**20.45391**	**1.63631**	**0.00000**	**0.00000**	**93.50289**	**6.47266**	0.00		
Tala HEP	1020	2.94	29.99	43.92	25.40	30.68	0.00	0.00		
Kishan Ganag	330	**1.32391**	**4.36891**	**0.00000**	**0.00000**	**0.00000**	**100.00000**	0.00		
Koldem	800	**0.61341**	**4.90730**	**0.00000**	**0.00000**	**0.00000**	**100.00000**	0.00		
Rampur	412.02	**0.80670**	**3.32378**	**0.00000**	**0.00000**	**0.00000**	**100.00000**	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**		**892.11**							
Nuclear Based Stn										
Narora APS	440	**11.9642**	**52.6425**	**61.8794**	**0.0000**	**27.3869**	**10.7337**	**0.0000**		
RAPP (C)	440	**14.8365**	**65.2806**	**37.5695**	**21.7234**	**26.2393**	**14.4677**	**0.0000**		
Total Nuclear	**880**		**117.92308**							

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
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**		**8273**							

5 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING AUGUST 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	22.55.03	34	149	269	12	0	17	27	508	6047	5970	77	6555	0	6555
2	22.49.59	34	149	302	12	0	19	26	542	5918	6069	-151	6460	2	6462
3	15.18.09	34	146	271	12	0	9	25	497	5880	5756	124	6377	0	6377
4	23.22.49	34	151	272	13	0	13	26	509	5815	5788	27	6324	0	6324
5	22.58.00	34	151	302	13	0	18	27	545	5944	5822	122	6489	0	6489
6	15.09.53	33	147	268	13	0	18	27	507	6163	6042	121	6670	0	6670
7	15.12.25	34	147	267	13	0	17	27	506	5735	5741	-6	6241	0	6241
8	14.50.03	35	150	269	13	0	18	27	512	5734	5766	-32	6246	0	6246
9	15.18.02	34	148	269	19	0	18	27	515	6017	5888	129	6532	2	6534
10	23.07.01	36	151	268	12	0	18	27	512	5303	5463	-160	5815	0	5815
11	00.00.13	35	150	269	13	0	17	23	507	5144	5200	-56	5651	0	5651
12	11.40.08	35	151	271	15	1	18	27	518	5080	4990	90	5598	0	5598
13	15.18.48	34	150	270	19	3	18	27	522	5440	5399	41	5962	0	5962
14	15.11.37	34	148	269	19	9	14	27	519	5804	5800	4	6323	0	6323
15	00.01.47	35	309	151	17	10	18	27	567	5338	5231	107	5905	0	5905
16	15.13.35	33	146	268	19	10	18	26	520	6038	5922	116	6558	0	6558
17	23.30.01	35	152	581	18	10	18	19	833	5399	5129	270	6232	0	6232
18	23.09.30	35	151	537	19	10	18	27	796	5595	5412	183	6391	0	6391
19	00.00.46	35	151	570	19	8	18	26	827	5443	5037	406	6270	0	6270
20	15.10.43	34	150	268	19	9	16	27	523	5583	5299	284	6106	0	6106
21	15.11.37	33	147	268	2	0	5	27	482	6049	5756	293	6531	0	6531
22	15.22.49	33	147	271	17	8	5	26	507	6383	6207	176	6890	0	6890
23	00.00.00	35	153	291	18	11	5	26	539	5693	5702	-9	6232	0	6232
24	22.58.12	35	151	268	15	9	6	27	510	5600	5580	20	6110	0	6110
25	22.57.52	35	151	266	15	9	18	27	521	5554	5414	140	6075	0	6075
26	00.00.29	34	147	270	17	8	6	26	508	5481	5272	209	5989	0	5989
27	15.33.28	33	147	269	15	7	18	12	502	5669	5471	198	6171	0	6171
28	15.21.25	34	149	268	15	6	17	14	503	5659	5526	133	6162	7	6168
29	00.00.20	35	153	268	15	4	14	12	500	5078	5044	34	5578	0	5578
30	15.26.28	34	148	266	15	6	9	12	490	5745	5614	131	6235	0	6235
31	22.43.09	34	150	300	15	6	17	12	534	5745	5740	5	6279	9	6288

6 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING AUGUST 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	22.55.03	34	149	269	12	0	17	27	508	6047	5970	77	6555	0	6555
2	22.49.59	34	149	302	12	0	19	26	542	5918	6069	-151	6460	2	6462
3	15.18.09	34	146	271	12	0	9	25	497	5880	5756	124	6377	0	6377
4	23.22.49	34	151	272	13	0	13	26	509	5815	5788	27	6324	0	6324
5	22.58.00	34	151	302	13	0	18	27	545	5944	5822	122	6489	0	6489
6	15.09.53	33	147	268	13	0	18	27	507	6163	6042	121	6670	0	6670
7	15.12.25	34	147	267	13	0	17	27	506	5735	5741	-6	6241	0	6241
8	14.50.03	35	150	269	13	0	18	27	512	5734	5766	-32	6246	0	6246
9	15.18.02	34	148	269	19	0	18	27	515	6017	5888	129	6532	2	6534
10	23.07.01	36	151	268	12	0	18	27	512	5303	5463	-160	5815	0	5815
11	00.00.13	35	150	269	13	0	17	23	507	5144	5200	-56	5651	0	5651
12	11.40.08	35	151	271	15	1	18	27	518	5080	4990	90	5598	0	5598
13	15.18.48	34	150	270	19	3	18	27	522	5440	5399	41	5962	0	5962
14	15.11.37	34	148	269	19	9	14	27	519	5804	5800	4	6323	0	6323
15	00.01.47	35	309	151	17	10	18	27	567	5338	5231	107	5905	0	5905
16	15.13.35	33	146	268	19	10	18	26	520	6038	5922	116	6558	0	6558
17	23.30.01	35	152	581	18	10	18	19	833	5399	5129	270	6232	0	6232
18	23.09.30	35	151	537	19	10	18	27	796	5595	5412	183	6391	0	6391
19	00.00.46	35	151	570	19	8	18	26	827	5443	5037	406	6270	0	6270
20	15.10.43	34	150	268	19	9	16	27	523	5583	5299	284	6106	0	6106
21	15.11.37	33	147	268	2	0	5	27	482	6049	5756	293	6531	0	6531
22	15.22.49	33	147	271	17	8	5	26	507	6383	6207	176	6890	0	6890
23	00.00.00	35	153	291	18	11	5	26	539	5693	5702	-9	6232	0	6232
24	22.58.12	35	151	268	15	9	6	27	510	5600	5580	20	6110	0	6110
25	22.57.52	35	151	266	15	9	18	27	521	5554	5414	140	6075	0	6075
26	00.00.29	34	147	270	17	8	6	26	508	5481	5272	209	5989	0	5989
27	15.33.28	33	147	269	15	7	18	12	502	5669	5471	198	6171	0	6171
28	15.21.25	34	149	268	15	6	17	14	503	5659	5526	133	6162	7	6168
29	00.00.20	35	153	268	15	4	14	12	500	5078	5044	34	5578	0	5578
30	15.26.28	34	148	266	15	6	9	12	490	5745	5614	131	6235	0	6235
31	22.43.09	34	150	300	15	6	17	12	534	5745	5740	5	6279	9	6288

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

(ALL FIGURES IN MUS)

GENERATION WITHIN DELHI	AVAILABILITY	SCHEDULE
Rajghat Power House	0.000	0.000
Gas Turbine	59.685	24.688
Pragati-I	217.394	110.164
Pragati-III (Bawana)	636.740	228.879
Renewable (include WTE)	46.224	46.224
TOTAL DELHI GEN.	**960.043**	**409.955**

NAME OF STATION	AVAILABILITY	SCHEDULE
ISGS Stattions		
Gas Based Station		
ANTA GPP-GF	27.775	0.627
ANTA GPP-LF		
ANTA GPP-RF		
ANTA CRF		
AURAIYA GPP-GF	47.014	0.912
AURAIYA GPP-LF		
AURAIYA GPP-RF		
AURIYA CRF		
DADRI GPP-GF	52.515	1.309
DADRI GPP-LF		
DADRI GPP-RF		
DADRI CRF		
Coal Based Station		
SINGRAULI STPS	82.646	81.215
RIHAND STPS	59.763	59.695
RIHAND-II STPS	87.885	88.226
RIHAND-III STPS	91.951	92.019
DADRI II	510.969	368.076
UNCHAHAR-I TPS	14.179	11.181
UNCHAHAR-II TPS	31.001	23.677
UNCHAHAR-III TPS	18.177	13.978
UNCHAHAR - IV TPS	1.218	0.326
JHAJJAR	337.378	337.378
Meja TPS	2.685	2.685
Tanda-II TPS	0.929	0.929
FARAKA	12.041	10.321
KAHALGAON1	27.724	24.888
KAHALGAON2	91.520	82.945
SASAN	285.960	283.453
Nabinagar STPS(BRBCL)	13.151	13.151

NAME OF STATION	AVAILABILITY	SCHEDULE
Hydro Station		
BAIRASIUL HEP	6.674	6.674
SALAL HEP	57.588	57.588
TANAKPUR HEP	6.974	6.974
CHAMERA HEP	26.617	26.617
CHAMERA HEP-II	31.225	31.225
CHAMERA III	22.545	22.545
URI HEP	25.773	25.773
URI 2 HEP	20.917	20.917
SEWA-II	6.380	6.380
DHAULIGANGA HEP	28.304	28.304
DULHASTI HEP	34.858	34.858
Parvati3	15.739	15.739
NATHPA JHAKRI HEP	121.447	121.447
TEHRI HEP	33.712	33.712
KOTESWAR	17.966	17.966
SINGRAULI SHEP	0.250	0.250
TALA	6.407	6.407
Kishan Ganag	2.341	2.341
Koldam	3.887	3.887
Rampur	2.577	2.577
Nuclear Station		
NAPP	33.514	33.514
RAPP C	44.946	44.946
RAPPB_4 C	0.000	0.000
ISGS	**2347.124**	**2047.631**
LTA	852.403	852.403
Total Short Term Purchase	1148.009	1148.009
Short term Open Access	61.920	61.920
Total (A+B+C+D+E) Availablity	**5369.499**	**4519.919**

8. SHEDDING DETAILS DURING THE MONTH OF AUGUST 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
01.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.08.24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.08.24	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				
	13	14	15	16	17	18	19	20	21	22	23	24=8 to 23	25=7+24
01.08.24	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
02.08.24	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
03.08.24	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
04.08.24	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
05.08.24	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
06.08.24	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
07.08.24	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
08.08.24	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
09.08.24	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
10.08.24	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
11.08.24	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
12.08.24	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
13.08.24	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
14.08.24	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
15.08.24	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
16.08.24	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
17.08.24	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
18.08.24	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
19.08.24	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
20.08.24	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
21.08.24	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
22.08.24	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
23.08.24	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
24.08.24	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
25.08.24	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
26.08.24	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
27.08.24	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
28.08.24	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
29.08.24	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
30.08.24	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
31.08.24	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		
	26	27	28	29	30	31	32	33	34
01.08.24	0.000	0.039	0.005	0.000	0.000	0.000	-0.020	0.000	0.000
02.08.24	0.000	0.029	0.013	0.000	0.000	0.000	0.008	0.000	0.000
03.08.24	0.000	0.002	0.000	0.000	0.000	0.000	0.010	0.002	0.000
04.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.000	0.000
05.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.001	0.000
06.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000
07.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000
08.08.24	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000
09.08.24	0.000	0.000	0.013	0.000	0.000	0.000	0.033	0.000	0.000
10.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000
11.08.24	0.000	0.007	0.000	0.000	0.000	0.000	0.011	0.000	0.000
12.08.24	0.000	0.000	0.001	0.000	0.000	0.001	0.058	0.000	0.000
13.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000
14.08.24	0.000	0.074	0.001	0.000	0.000	0.000	0.002	0.001	0.000
15.08.24	0.000	0.000	0.001	0.000	0.000	0.000	0.009	0.000	0.000
16.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000
17.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000
18.08.24	0.000	0.062	0.001	0.000	0.000	0.000	0.000	0.000	0.000
19.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.000
20.08.24	0.013	0.000	0.002	0.000	0.000	0.004	0.072	0.000	0.000
21.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000
23.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.000
24.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.08.24	0.000	0.000	0.002	0.000	0.000	0.000	0.043	0.000	0.000
26.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000
28.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.000	0.000
29.08.24	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000
30.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000
TOTAL	**0.013**	**0.213**	**0.041**	**0.000**	**0.000**	**0.012**	**0.375**	**0.021**	**0.000**

ALL FIGURES IN MUs

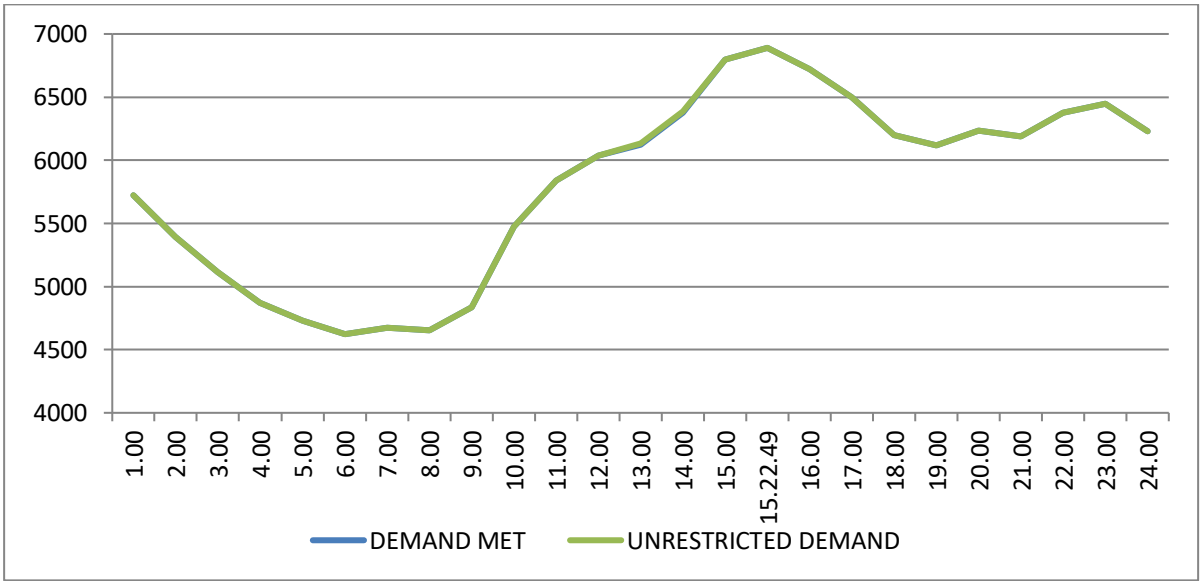
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	**42= 26 to 41**	**43 = 25 + 42**
01.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0244	0.0244
02.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0501	0.0501
03.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0135	0.0135
04.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0208	0.0208
05.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0226	0.0226
06.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0160	0.0160
07.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0174	0.0174
08.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0066	0.0066
09.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0463	0.0463
10.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0025	0.0025
11.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0181	0.0181
12.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0606	0.0606
13.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0032	0.0032
14.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0786	0.0786
15.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0101	0.0101
16.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0031	0.0031
17.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0160	0.0160
18.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0626	0.0626
19.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0037	0.0037
20.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0905	0.0905
21.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000
22.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0115	0.0115
23.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0043	0.0043
24.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000
25.08.24	0.000	0.000	0.0002	0.000	0.000	0.000	0.000	0.0452	0.0452
26.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000
27.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0047	0.0047
28.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0208	0.0208
29.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0017	0.0017
30.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000
31.08.24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0199	0.0199
TOTAL	**0.000**	**0.000**	**0.0002**	**0.000**	**0.000**	**0.000**	**0.000**	**0.6749**	**0.6749**

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
01.08.24	129.638	6554	22:55:03	0	6554	6554	22:55:03	6554	0
02.08.24	136.918	6460	22:49:59	2	6462	6462	22:49:59	6460	2
03.08.24	134.008	6377	15:18:09	0	6377	6377	15:18:09	6377	0
04.08.24	128.500	6324	23:22:49	0	6324	6324	23:22:49	6324	0
05.08.24	130.006	6489	22:58:00	0	6489	6489	22:58:00	6489	0
06.08.24	136.334	6670	15:09:53	0	6670	6670	15:09:53	6670	0
07.08.24	130.648	6241	15:12:25	0	6241	6241	15:12:25	6241	0
08.08.24	129.185	6246	14:50:03	0	6246	6246	14:50:03	6246	0
09.08.24	130.662	6532	15:18:02	2	6534	6534	15:18:02	6532	2
10.08.24	124.931	5815	23:07:01	0	5815	5815	23:07:01	5815	0
11.08.24	115.943	5651	0:00:13	0	5651	5651	0:00:13	5651	0
12.08.24	117.006	5598	11:40:08	0	5598	5598	11:40:08	5598	0
13.08.24	121.624	5962	15:18:48	0	5962	5962	15:18:48	5962	0
14.08.24	130.734	6323	15:11:37	0	6323	6323	15:11:37	6323	0
15.08.24	112.840	5905	0:01:47	0	5905	5905	0:01:47	5905	0
16.08.24	131.025	6558	15:13:35	0	6558	6558	15:13:35	6558	0
17.08.24	131.179	6232	23:30:01	0	6232	6232	23:30:01	6232	0
18.08.24	127.483	6391	23:09:30	0	6391	6391	23:09:30	6391	0
19.08.24	124.494	6270	0:00:46	0	6270	6270	0:00:46	6270	0
20.08.24	123.175	6106	15:10:43	0	6106	6106	15:10:43	6106	0
21.08.24	130.773	6531	15:11:37	0	6531	6531	15:11:37	6531	0
22.08.24	136.574	6890	15:22:49	0	6890	6890	15:22:49	6890	0
23.08.24	129.146	6231	0:00:00	0	6231	6231	0:00:00	6231	0
24.08.24	127.749	6110	22:58:12	0	6110	6110	22:58:12	6110	0
25.08.24	122.665	6075	22:57:52	0	6075	6075	22:57:52	6075	0
26.08.24	122.623	5989	0:00:29	0	5989	5989	0:00:29	5989	0
27.08.24	126.278	6171	15:33:28	0	6171	6171	15:33:28	6171	0
28.08.24	125.543	6161	15:21:25	7	6168	6168	15:21:25	6161	7
29.08.24	118.479	5578	0:00:20	0	5578	5578	0:00:20	5578	0
30.08.24	123.236	6235	15:26:28	0	6235	6235	15:26:28	6235	0
31.08.24	128.831	6279	22:43:09	9	6288	6288	22:43:09	6279	9
TOTAL	3938.230								

9. LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING AUGUST 2024 ON 22.08.2024 - 6890MW AT 15.22.49HRS.

All figures in MW

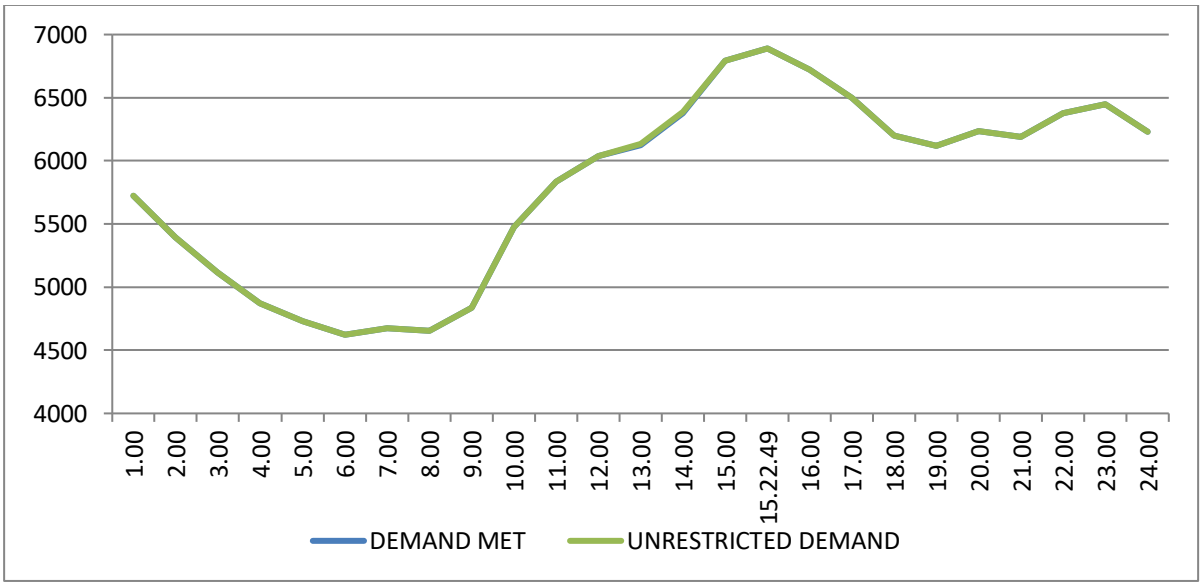
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	5723	0	5723
2.00	5392	0	5392
3.00	5113	0	5113
4.00	4872	0	4872
5.00	4730	0	4730
6.00	4623	0	4623
7.00	4673	0	4673
8.00	4655	0	4655
9.00	4837	0	4837
10.00	5474	0	5474
11.00	5837	0	5837
12.00	6037	0	6037
13.00	6124	10	6134
14.00	6377	10	6387
15.00	6795	0	6795
15.22.49	6890	0	6890
16.00	6723	0	6723
17.00	6497	0	6497
18.00	6199	0	6199
19.00	6120	0	6120
20.00	6236	0	6236
21.00	6189	0	6189
22.00	6377	0	6377
23.00	6449	0	6449
24.00	6231	0	6231
Total (IN MUS)	**136.574**	**0.012**	**136.586**



10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING AUGUST 2024 ON 22.08.2024 - 6890MW AT 15.22.49HRS.

All figures in MW

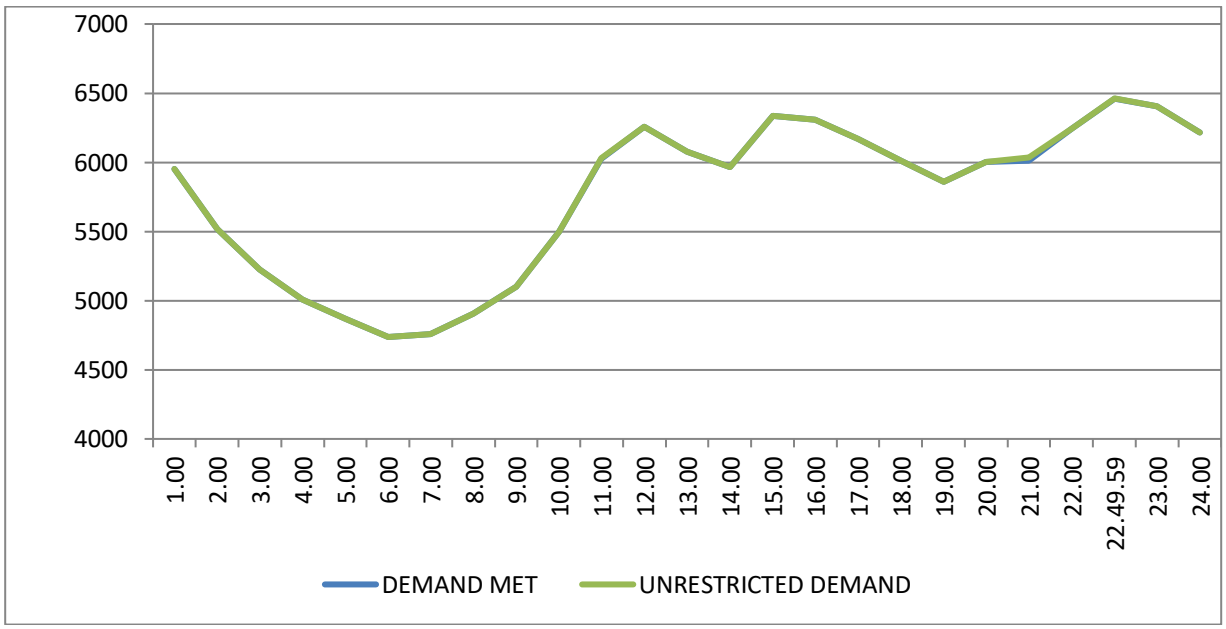
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	5723	0	5723
2.00	5392	0	5392
3.00	5113	0	5113
4.00	4872	0	4872
5.00	4730	0	4730
6.00	4623	0	4623
7.00	4673	0	4673
8.00	4655	0	4655
9.00	4837	0	4837
10.00	5474	0	5474
11.00	5837	0	5837
12.00	6037	0	6037
13.00	6124	10	6134
14.00	6377	10	6387
15.00	6795	0	6795
15.22.49	6890	0	6890
16.00	6723	0	6723
17.00	6497	0	6497
18.00	6199	0	6199
19.00	6120	0	6120
20.00	6236	0	6236
21.00	6189	0	6189
22.00	6377	0	6377
23.00	6449	0	6449
24.00	6231	0	6231
Total (IN MUS)	**136.574**	**0.012**	**136.586**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING AUGUST 2024 – 02.08.2024 – 136.918Mus

All figures in MW

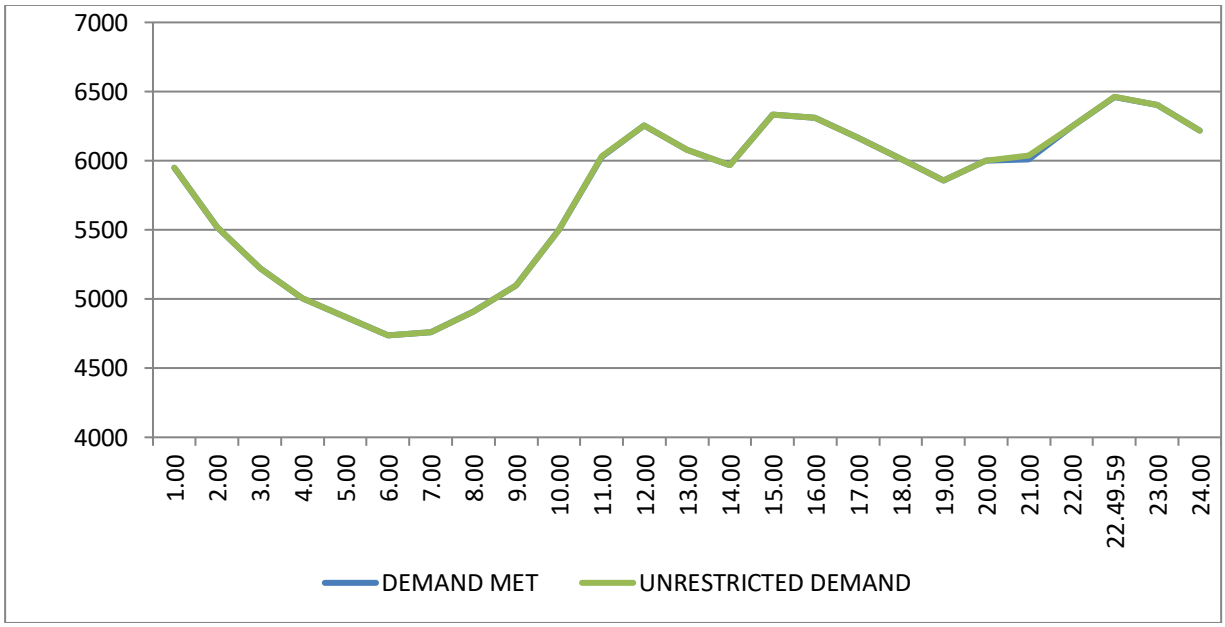
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	5950	0	5950
2.00	5518	0	5518
3.00	5224	0	5224
4.00	5007	0	5007
5.00	4869	0	4869
6.00	4737	0	4737
7.00	4758	0	4758
8.00	4907	0	4907
9.00	5098	0	5098
10.00	5499	0	5499
11.00	6028	2	6030
12.00	6256	0	6256
13.00	6078	0	6078
14.00	5966	0	5966
15.00	6335	0	6335
16.00	6310	0	6310
17.00	6169	0	6169
18.00	6014	0	6014
19.00	5859	0	5859
20.00	6002	0	6002
21.00	6011	25	6036
22.00	6245	0	6245
22.49.59	6460	2	6462
23.00	6405	0	6405
24.00	6216	0	6216
Total (IN MUS)	**136.918**	**0.050**	**136.968**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING AUGUST 2024 ON 02.08.2024- 136.968MUs

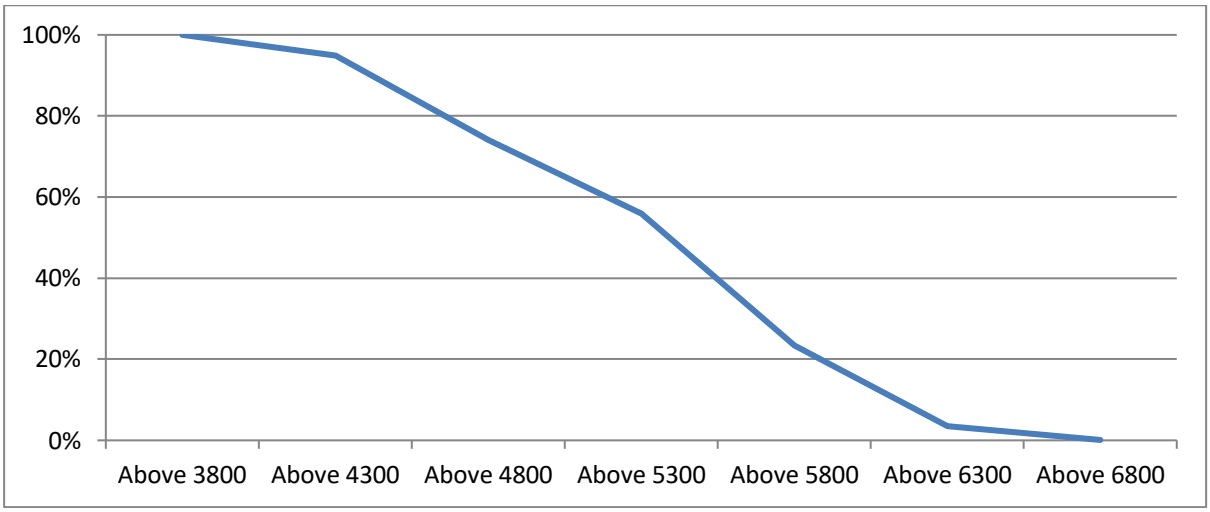
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	5950	0	5950
2.00	5518	0	5518
3.00	5224	0	5224
4.00	5007	0	5007
5.00	4869	0	4869
6.00	4737	0	4737
7.00	4758	0	4758
8.00	4907	0	4907
9.00	5098	0	5098
10.00	5499	0	5499
11.00	6028	2	6030
12.00	6256	0	6256
13.00	6078	0	6078
14.00	5966	0	5966
15.00	6335	0	6335
16.00	6310	0	6310
17.00	6169	0	6169
18.00	6014	0	6014
19.00	5859	0	5859
20.00	6002	0	6002
21.00	6011	25	6036
22.00	6245	0	6245
22.49.59	6460	2	6462
23.00	6405	0	6405
24.00	6216	0	6216
Total (IN MUS)	**136.918**	**0.050**	**136.968**



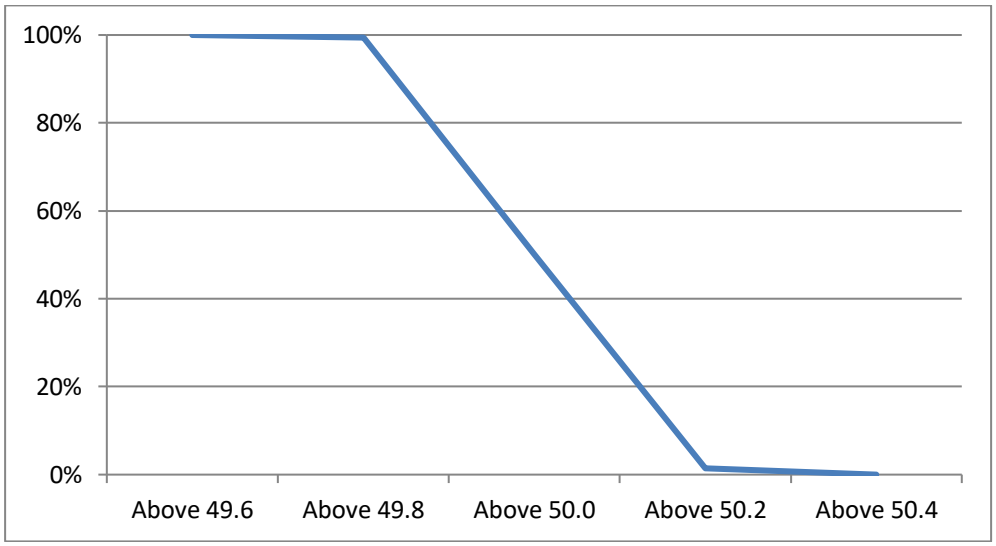
13 LOAD DURATION CURVE FOR AUGUST 2024

LOAD REMAINED ABOVE IN MW	(%) OF TIME
Above 3800	100%
Above 4300	94.86%
Above 4800	74.03%
Above 5300	55.88%
Above 5800	23.32%
Above 6300	3.43%
Above 6800	0.10%



14 FREQUENCY ANALYSIS FOR THE MONTH OF AUGUST 2024

FREQUENCY REMAINED ABOVE IN HZ	(%) OF TIME
Above 49.6	100%
Above 49.8	99.36%
Above 50.0	50.02%
Above 50.2	1.45%
Above 50.4	0.00%



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.08.24	225.7	212.1	233.9	214.0
02.08.24	223.9	214.7	231.0	217.2
03.08.24	227.0	216.3	231.8	215.2
04.08.24	227.4	214.3	232.5	220.4
05.08.24	225.5	215.2	233.1	221.1
06.08.24	225.4	211.7	232.8	217.0
07.08.24	225.6	214.2	234.6	219.0
08.08.24	225.8	214.8	234.7	217.1
09.08.24	225.2	213.4	233.4	218.4
10.08.24	226.7	216.6	233.4	218.3
11.08.24	228.9	220.4	236.2	222.9
12.08.24	228.8	216.7	231.0	216.9
13.08.24	228.4	218.0	230.1	217.7
14.08.24	226.9	212.9	227.5	216.9
15.08.24	226.0	217.1	232.4	217.9
16.08.24	225.7	211.7	233.5	216.5
17.08.24	225.9	213.7	233.7	216.9
18.08.24	225.8	215.6	230.6	215.6
19.08.24	225.6	217.8	223.9	210.1
20.08.24	226.0	216.5	228.9	210.5
21.08.24	225.4	214.7	228.5	207.6
22.08.24	226.0	211.1	225.7	204.7
23.08.24	225.9	214.4	225.1	210.7
24.08.24	225.2	214.0	229.3	211.8
25.08.24	227.8	217.9	229.1	207.8
26.08.24	227.6	215.7	224.4	205.9
27.08.24	227.1	215.2	228.3	207.5
28.08.24	227.1	216.2	226.6	204.6
29.08.24	230.5	216.6	226.2	210.4
30.08.24	226.5	212.7	231.9	210.1
31.08.24	226.8	213.9	230.1	211.0

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

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.08.24	420.46	4:03:29	395.55	12:18:52	406.95
02.08.24	414.85	5:02:13	397.60	9:21:05	405.83
03.08.24	417.60	3:52:26	393.88	11:53:39	406.17
04.08.24	418.42	7:57:12	391.80	14:10:27	407.87
05.08.24	418.11	5:01:13	392.80	22:37:35	406.88
06.08.24	415.37	5:00:43	389.62	14:23:03	404.84
07.08.24	418.37	2:51:01	396.68	12:08:37	406.97
08.08.24	418.80	3:44:37	393.01	14:30:21	407.13
09.08.24	417.46	5:00:53	395.51	12:23:25	407.51
10.08.24	417.11	5:04:07	395.05	10:53:54	407.42
11.08.24	419.55	17:32:49	402.66	0:04:28	412.20
12.08.24	419.59	4:00:30	396.76	10:43:19	410.40
13.08.24	420.54	5:00:12	397.90	9:45:55	408.76
14.08.24	418.43	4:57:12	397.24	11:42:53	408.25
15.08.24	418.35	3:55:54	399.37	12:16:27	409.69
16.08.24	419.02	5:00:56	395.85	11:15:25	408.17
17.08.24	418.87	4:59:05	396.04	11:18:43	410.28
18.08.24	419.59	4:59:36	398.89	12:25:09	409.71
19.08.24	417.16	18:00:03	399.10	12:13:56	408.07
20.08.24	417.15	5:00:04	396.41	11:10:27	407.67
21.08.24	418.70	4:00:33	391.06	12:27:06	407.63
22.08.24	417.32	5:01:45	393.10	14:32:11	406.67
23.08.24	418.65	2:54:57	396.31	14:50:52	405.74
24.08.24	416.96	4:01:09	394.01	10:40:36	404.81
25.08.24	416.86	8:01:30	396.65	22:21:00	407.34
26.08.24	416.22	4:47:49	394.60	11:50:00	408.19
27.08.24	419.78	3:46:38	393.67	14:22:40	408.01
28.08.24	420.69	5:03:33	396.94	11:28:52	408.06
29.08.24	421.23	4:57:13	399.76	12:10:59	410.25
30.08.24	419.84	4:00:25	394.67	14:51:05	407.23
31.08.24	416.96	5:01:31	392.02	14:12:54	404.53

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.08.24	415.78	4:03:34	395.10	12:18:50	405.42
02.08.24	412.47	5:02:17	398.51	9:14:11	405.27
03.08.24	414.43	3:52:19	395.71	11:54:15	405.94
04.08.24	415.56	6:00:38	396.95	14:30:30	408.34
05.08.24	416.25	5:01:11	398.71	10:55:50	407.33
06.08.24	418.03	6:01:22	392.78	14:22:18	405.75
07.08.24	414.80	2:51:05	395.58	11:35:32	405.10
08.08.24	413.69	3:44:14	392.86	12:18:56	404.54
09.08.24	415.14	5:00:53	395.78	12:38:47	406.58
10.08.24	415.33	5:04:05	397.39	10:47:21	407.53
11.08.24	418.04	6:33:23	407.98	0:04:24	412.89
12.08.24	415.46	4:00:34	399.72	10:43:23	408.94
13.08.24	416.05	5:00:16	400.24	19:19:55	406.72
14.08.24	413.64	4:57:16	397.21	11:42:55	405.98
15.08.24	414.00	17:59:51	398.76	12:26:48	408.34
16.08.24	415.82	6:01:15	400.72	11:14:40	407.92
17.08.24	414.99	6:01:30	401.05	12:38:21	408.74
18.08.24	416.54	5:35:00	400.13	23:06:03	408.86
19.08.24	412.11	17:58:53	401.24	11:39:23	406.89
20.08.24	412.53	7:51:24	399.94	10:15:32	406.78
21.08.24	415.00	5:05:17	399.67	10:27:43	406.72
22.08.24	415.94	5:02:10	395.77	14:49:38	406.06
23.08.24	415.27	4:03:17	398.87	10:15:43	407.45
24.08.24	415.97	5:01:06	401.29	10:40:32	408.68
25.08.24	417.17	5:41:51	404.06	10:53:27	410.71
26.08.24	417.47	4:46:44	400.57	11:59:37	410.69
27.08.24	416.26	3:46:42	398.86	14:39:36	408.37
28.08.24	416.07	3:56:40	399.30	11:29:23	407.02
29.08.24	414.14	2:18:23	398.96	12:10:50	406.54
30.08.24	414.93	5:01:46	397.29	14:51:07	405.12
31.08.24	413.91	5:01:23	387.94	22:47:11	402.60
TOTAL					

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

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	01.08.24	2:05	OKHLA 220/33kV 100MVA Tx-IV	01.08.24	2:37	O/C, Y PHASE/ 86, E/F
2	01.08.24	2:05	OKHLA 220/33kV 100MVA Tx-V	01.08.24	2:37	O/C, RYB PHASE.
3	01.08.24	2:05	OKHLA 220/33kV 100MVA Tx-III	01.08.24	2:37	86, O/C, Y PHASE.
4	01.08.24	19:35	VASANT KUNJ 220/66kV 100MVA Tx-II	01.08.24	21:17	86, Y PHASE.
5	01.08.24	19:35	VASANT KUNJ 220/66kV 100MVA Tx-III	01.08.24	21:12	86, Y PHASE.
6	01.08.24	19:35	VASANT KUNJ 220/66kV 160MVA Tx-I	01.08.24	21:17	86, Y PHASE.
7	02.08.24	20:30	NARAINA 220/33kV 100MVA Tx-I	03.08.24	0:25	R PHASE, E/F, O/C. 86.
8	03.08.24	11:29	MEHRAULI 220/66kV 100MVA Tx-II	03.08.24	11:50	O/C, RY PHASE.
9	03.08.24	11:29	MEHRAULI 220/66kV 160MVA Tx-I	03.08.24	11:53	O/C, RY PHASE.
10	04.08.24	11:32	220KV WAZIRABAD - MANDOLA CKT-I	04.08.24	13:49	AT WAZIRABAD : ZONE-I, DIFFERENTIAL, DIST 1.5KM, RY PHASE.
11	04.08.24	11:32	220kV OKHLA - BTPS CKT.- I	04.08.24	13:49	AT OKHLA : Y PHASE, R PHASE, RYB PHASE, LINE DIFFEERENTIAL, ZONE-I,
12	06.08.24	0:56	PATPARGANJ 220/66kV 100MVA Tx-II	06.08.24	1:40	O/C, B PHASE
13	06.08.24	9:20	PATPARGANJ 220/66kV 100MVA Tx-II	06.08.24	12:40	O/C, B PHASE.
14	06.08.24	12:27	220KV GAZIPUR - MAHARANIBAGH CKT. -I	06.08.24	13:19	AT GAZIPUR : RY PHASE, DIST PROT, ZONE-I, DIST 5.5KM.
15	09.08.24	15:25	KANJHAWALA 220/66kV 100MVA Tx-I	09.08.24	15:48	TRIPPED WITHOUT INDICATION.
16	09.08.24	15:25	KANJHAWALA 220/66kV 100MVA Tx-II	09.08.24	15:48	TRIPPED WITHOUT INDICATION.
17	09.08.24	15:25	KANJHAWALA 220/66kV 160MVA Tx-I	09.08.24	17:28	86
18	11.08.24	13:05	220kV MAHARANI BAGH - SARITA VIHAR CKT	12.08.24	14:15	AT SARITA VIHAR : R PHASE, 186.
19	11.08.24	19:32	PATPARGANJ 220/66kV 100MVA Tx-I	12.08.24	11:48	RYB PHASE, DIFFERENTIAL, 86.
20	12.08.24	15:46	PATPARGANJ 220/66kV 100MVA Tx-II	12.08.24	20:20	E/F
21	12.08.24	15:46	PATPARGANJ 220/66kV 100MVA Tx-I	12.08.24	16:25	E/F
22	12.08.24	17:02	220kV GOPALPUR-SUBZI MANDI CKT-II	13.08.24	11:20	AT GOPALPUR : ABC PHASE, ZONE-I, DIST 5.927KM.
23	14.08.24	5:58	SUBZI MANDI 33/11kV, 16MVA Tx-I	14.08.24	9:15	86, DIFFERENTIAL.
24	14.08.24	16:28	220kV PRAGATI - I.P.CKT - II	14.08.24	16:52	AT PRAGATI : DIST PROT, BC PHASE, DIT 5.19KM.
25	15.08.24	9:13	220KV WAZIRABAD - MANDOLA CKT-I	15.08.24	11:06	AT WAZIRABAD : RY PHASE, DIFFERENTIAL TRIP, ZONE-I, 86.
26	15.08.24	11:09	220KV WAZIRABAD - MANDOLA CKT-III	15.08.24	12:51	AT WAZIRABAD : YB PHASE, ZONE-I.
27	15.08.24	12:16	220KV WAZIRABAD - MANDOLA CKT-I	15.08.24	15:06	AT WAZIRABAD : YB PHASE, ZONE-I, DSIT 4.93KM, 86ABC.
28	15.08.24	15:54	220KV WAZIRABAD - MANDOLA CKT-III	15.08.24	17:25	AT WAZIRABAD : RY PHASE, ZONE-I, AB PHASE, DIST 3.20KM.
29	16.08.24	10:45	KASHMIRI GATE 220/33kV 100MVA Tx-I	16.08.24	13:02	86
30	16.08.24	20:50	220kV PRAGATI - I.P.CKT - II	16.08.24	21:22	AT PRAGATI : ZONE-II, DIST 3.37KM, E/F.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
31	16.08.24	20:50	220 KV PATPARGANJ - I.P. CKT-II	16.08.24	23:00	AT I.P. : RYB PHASE, ZONE-II.
32	17.08.24	12:31	400kV Mundka-Jhatikara Ckt-I	17.08.24	13:10	AT MUNDKA : ZONE-I, B PHASE, DIST 4.36KM.
33	18.08.24	4:56	PAPPANKALAN-I 220/66kV 100MVA Tx-I	18.08.24	8:31	86A&B.
34	18.08.24	4:56	PAPPANKALAN-I 220/66kV 100MVA Tx-II	18.08.24	8:31	86A&B
35	18.08.24	18:42	220KV GAZIPUR - MAHARANIBAGH CKT. -II	18.08.24	20:25	AT GAZIPUR : R PHASE, 86ABC, DSIT 10.15KM.
36	19.08.24	13:43	220kV MAHARANI BAGH - PRAGATI CKT	19.08.24	15:05	AT PRAGATI : ZONE-I, C PHASE, DIST 1.64KM.
37	20.08.24	7:19	220kV GOPALPUR-SUBZI MANDI CKT-I	20.08.24	13:12	AT GOPALPUR : BPHASE, ZONE-I, 86, DIST 1.672KM.
38	20.08.24	9:42	NAJAFGARH 220/66kV 100MVA Tx-I	20.08.24	11:42	O/C, R PHASE.
39	21.08.24	10:43	220kV PRAGATI - SARITA VIHAR CKT - I	21.08.24	18:25	AT SARITA VIHAR : DIST PROT, ZONE-I,
40	21.08.24	12:27	220kV SARITA VIHAR - BTPS CKT.-I	21.08.24	15:56	AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 12.4KM, 186A&B
41	21.08.24	17:35	220 KV PATPARGANJ - I.P. CKT-I	21.08.24	18:26	AT PATPARGANJ : DIFFERENTIAL, ZONE-I, DIST 1.26KM, 186, RY PHASE.
42	22.08.24	1:13	PAPPANKALAN-I 220/66kV 100MVA Tx-I	STILL	OUT	DIFFERENTIAL, Y B PHASE,
43	22.08.24	3:20	RAJGHAT 220/33kV 100MVA Tx-I	22.08.24	4:05	O/C, E/F.
44	22.08.24	3:20	RAJGHAT 220/33kV 100MVA Tx-2	22.08.24	5:43	O/C, E/F
45	25.08.24	15:56	220KV BAWANA-SHALIMARBAGH CKT-II	25.08.24	22:52	AT BAWANA : DIST PROT, Y PHASE, DIST 26.6MTS.
46	25.08.24	15:57	220kV DSIIDC BAWANA-NARELA CKT-I	25.08.24	18:07	AT DSIDC BAWANA : TRIPPED WITHOUT INDICATION.
47	29.08.24	3:21	PARKSTREET 220/66kV 100MVA Tx-I	29.08.24	17:36	86A&B, 86.REF, BUCHOLZ.
48	29.08.24	12:20	ELECTRIC LANE 220/33kV 100MVA Tx-I	29.08.24	18:31	86A&B
49	30.08.24	15:56	220kV BAMNAULI-NAJAFGARH CKT-II	30.08.24	17:10	AT NAJAFGARH : DIFFERENTIAL, B PHASE, 86.
50	30.08.24	15:30	220kV DIAL- MEHRAULI CKT-II	STILL	OUT	TO MAKE SOME INTERNAL ARRANGEMENT BY DIAL S/STN. PTW NO. 02/189
51	31.08.24	11:43	220kV DIAL- MEHRAULI CKT-I	31.08.24	17:11	AT MEHRAULI : DIST PROT, ZONE-II, DIST 12.07KM.
52	31.08.24	16:40	400kV Bawana-Mundka Ckt-II	31.08.24	18:26	AT MUNDKA : DIST PROT, ZONE-I, DIST 52.8KM.
53	31.08.24	16:40	400kV Bawana-Mundka Ckt-I	31.08.24	18:06	AT MUNDKA : 86, 186, DIST PROT, ZONE-I.

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

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