

# **DELHI TRANSCO LTD.**

STATE LOAD DISPATCH CENTER

## **PROGRESS REPORT**

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JUNE 2023

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## SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	JUNE. 2022	JUNE. 2023
1	<b>Effective Generation Capacity within Delhi in MW</b>		
	Rajghat Power House	135	135
	Gas Turbine	270	270
	Pragati Power Corporation Ltd.	330	330
	Bawana CCGT	1371	1371
	TOWMCL (Waste to Energy Plant)	16	16
	EDWPCL (Waste to Energy Plant)	10	10
	DMSWL (Waste to Energy Plant)	24	24
	TWEPL	--	25
	Total	<b>2156</b>	<b>2181</b>
2	<b>Maximum Unrestricted Demand (MW)</b>	<b>6197</b>	<b>7226</b>
	Date	29.04.22	14.06.23
	Time	15.31.57	15.24.20
3	<b>Peak Demand met (MW)</b>	<b>6197</b>	<b>7226</b>
	Date	29.04.22	14.06.23
	Time	15.31.57	15.24.20
4	Peak Availability (MW)	6193	7187
5	Shortage (-) / Surplus (+) in MW	(-) 3	(-) 39
6	Percentage Shortage (-) / Surplus (+)	(-) 0.05	(-) 0.54
7	Maximum Energy Consume in a day (Mus)	126.145	145.022
8	Energy Consumed during the month	<b>3101.370</b>	<b>3675.273</b>
9	<b>Load Shedding in Mus</b>		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.000	0.000
ii)	Manual Load shedding from DTL S/Stns.	0.000	0.000
iii)	Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation		
	TPDDL	0.004	0.000
	BRPL	0.000	0.000
	BYPL	0.108	0.000
	NDMC	0.000	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.000	0.000
	<b>Total due to Grid Restriction</b>	<b>0.112</b>	<b>0.000</b>
B)	Due to Constraints in System in Mus		
	DTL	0.463	0.337
	TPDDL	0.044	0.026
	BRPL	0.012	0.117
	BYPL	0.018	0.029
	NDMC	0.00	0.000
	MES	0.000	0.0000
	Other Agencies	0.005	0.001
	<b>Total</b>	<b>0.542</b>	<b>0.509</b>
10	<b>Grand Total in Mus</b>	<b>0.654</b>	<b>0.509</b>

## 2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING JUNE 2023

### A) For the month of June 2023

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Plant Availability factor for the month (%)	Backing Down
1.	RPH	0.000	0.120	-0.120	--	--
2.	GT	25.675	2.033	23.642	95.70	32.612
3.	PPCL	147.114	2.591	144.523	95.14	93.465
4.	Bawana	130.767	6.458	124.309	96.36	682.912
	<b>TOTAL</b>	<b>303.556</b>	<b>11.202</b>	<b>292.354</b>	--	<b>808.989</b>

### WASTE TO ENERGY GENERATING PLANTS WITHIN DELHI

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation
5.	Towmcl	15.029	2.001	13.028
6.	EDWPCL	5.599	1.205	4.394
7.	DMSWL	13.968	2.391	11.577
8.	TWEPL	19.228	1.837	17.391
	<b>TOTAL</b>	<b>53.824</b>	<b>7.434</b>	<b>46.39</b>

**B) For the Year 2023-24 (Upto June 2023)**

Power Station	Effective Capacity (MW)	Net Generation in MUs for June 2023	Availability (%) for June 2023	PLF (%) For June 2023	Cumulative Generation in MUs upto June 2023 for the year 2023-24	Cumulative Availability in % upto June 2023 or the year 2023-24
<b>RPH</b>	135	-0.120	--	--	-0.364	--
<b>GT</b>	90	23.642	95.70	38.58	75.322	95.34
<b>PPCL</b>	330	144.523	95.14	53.99	211.809	97.34
<b>Bawana</b>	1372	124.309	96.36	22.69	357.299	91.08
<b>TOTAL</b>	1927	292.354	--	--	644.066	--

**WASTE TO ENERGY GENERATING PLANTS WITHIN DELHI**

Power Station	Effective Capacity (MW)	Net Generation in MUs for June 2023	Cumulative Generation in MUs upto June 2023 for the year 2023-24
<b>Towmcl</b>	16	13.028	35.015
<b>EDWPCL</b>	10	4.394	12.617
<b>DMSWL</b>	24	11.577	36.276
<b>TWEPL</b>	25	17.391	51.801
<b>TOTAL</b>	<b>75</b>	<b>46.39</b>	<b>135.709</b>

### 3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI FOR JUNE 2023

#### RPH

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	08.05.15	13.40			Not in operation due to not meeting pollution norms.
2	67.5	21.05.15	10.20			Not in operation due to not meeting pollution norms.

#### (B) Gas Turbine

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	30	04.06.23	10.35	04.06.23	13.47	Unit tripped due to over temperature Exhaust thermocouple trouble
		09.06.23	12.20	31.06.23	23.59	Unit is under shut down due to low demand
2	30	NIL				
3	30	NIL				
4	30	NIL				
5	30	01.06.23	00.00	17.06.23	12.40	Unit is under shut down due to low demand
		23.06.23	13.35	31.06.23	23.59	Unit is under shut down due to low demand
6	30	01.06.23	00.00	09.06.23	09.10	Unit is under shut down due to low demand
		17.06.23	13.50	23.06.23	11.58	Unit is under shut down due to low demand
STG-1	30	02.06.23	14.30	02.06.23	17.30	Unit out to attend water leakage of feed discharge Valve.
		04.06.23	10.35	04.06.23	15.03	Unit is out due to GT-1 out
		09.06.23	12.20	31.06.23	23.59	Unit is under shut down due to low demand
STG-2	30	NIL				
STG-3	30	01.06.23	00.00	09.06.23	12.06	Unit is under shut down due to low demand
		17.06.23	13.50	17.06.23	16.00	Unit tripped on drum level very low

#### (C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	05.06.23	15.27	12.06.23	06.28	Unit stopped due to less demand
		25.06.23	11.45	30.06.23	23.59	Unit stopped due to less demand
2	104	01.06.23	00.00	05.06.23	13.03	Unit stopped due to less demand
STG	122	01.06.23	06.53	01.06.23	09.02	STG 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	NIL				
2	216	NIL				
3	216	NIL				
4	216	NIL				
STG -1	254	NIL				
STG -2	254	NIL				

#### 4 ALLOCATION OF POWER TO DISCOMS

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

Name of the Stn	Installed capacity in MW	Capacity Allocation to Delhi In%	Capacity Allocation to Delhi in MW	DISCOMWISE CAPACITY ALLOCATION IN MW						NR
				BRPL	BYPL	TPDDL	NDM C	MES	RPH	
GAS TURBINE	270	100	270	164.39	23.13	81.48	0.00	0.00	1.00	
PRAGATI	330	100	330	93	53	64	100	20		
BAWANA CCGT	1371	80	1097	427	247	298	100	25		
EDWPCL(WEP)	12	49	6	0	5.9	0	0	0		
Bawana(WEP)	24	100	24	10	6	7	1	0		
TOWMCL(WEP)Exbus	13	97.15	12.63	6.5	0	6.1	0			
<b>TOTAL</b>	<b>2020</b>		<b>1739.3</b>	<b>701.1</b>	<b>334.6</b>	<b>456.4</b>	<b>201.3</b>	<b>45.0</b>	<b>1.00</b>	<b>0.0</b>
<b>CENTRAL SECTOR GENERATION</b>										
<b><u>NTPC STATIONS</u></b>										
Singrauli STPS	2000	7.50	150.00	30	74	46	0	0		
Rihand Stage-I	1000	10.00	100.00	69	0	31	0	0		
Rihand Stage -II	1000	12.60	126.00	55	32	39	0	0		
Rihand Stage-III	1000	13.19	131.91	78	54	0	0	0		
ANTA GPS	419	10.50	44.00	19	11	13	0	0		
Auriya GPS	663.36	10.86	72.04	32	18	22	0	0		
Dadri GPS	829.78	10.96	90.94	40	23	28	0	0		
Dadri (Th)-I	840	90.00	756.00	559	62	10	125	0		
Dadri (Th) -II	980	74.24	727.53	543	175	10	0	0		
Unchahaar-I TPS	420	5.71	23.98	11	6	7	0	0		
Unchahaar-II TPS	420	11.19	47.00	21	12	14	0	0		
Unchahaar-III TPS	210	13.81	29.00	13	7	9	0	0		
Unchahaar-IV TPS	500									
Jhajjar	1500	46.20	693.00	10	69	614	0	0		
Farakka(From ER)	1600	1.39	22.24	10	6	7	0	0		
Kahalgaon-I(From ER)	840	6.07	50.99	22	13	16	0	0		
Kahalgaon-II(From ER)	1500	10.49	157.35	69	40	48	0	0		
<b>TOTAL NTPC</b>	<b>15722</b>		<b>3221.98</b>	<b>1581</b>	<b>602</b>	<b>914</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><u>NHPC (HYDRO)</u></b>										
Baira Suil HPS	180	11.00	19.80	8.7	5.0	6.1	0	0		
Salal HPS	690	11.62	80.18	59.8	20.4	0	0	0		
Tanakpur HEP	94	12.81	12.07	5.30	3.07	3.70	0	0		
Chamera HEP	540	7.90	42.66	18.7	10.8	13.1	0	0		
Chamera-II HEP	300	13.33	39.99	17.6	10.2	12.3	0	0		
Chamera-III HEP	231	12.73	29.42	12.9	7.5	9.0	0	0		
URI-I HEP	480	11.04	52.99	23.3	13.5	16.3	0	0		
URI -II HEP	240	13.45	32.28	14.2	8.2	9.9	0	0		
Sewa HEP	120	13.33	16.00	7.02	4.06	4.91	0	0		
Dhaulti Ganga HEP	280	13.21	36.99	16.2	9.4	11.3	0	0		
Dulhasti HEP	390	12.83	50.04	22.0	12.7	15.4	0	0		
Parbati-III HEP	520	12.73	66.20	29.1	16.8	20.3	0	0		
<b>Total NHPC</b>	<b>4065</b>		<b>478.61</b>	<b>234.81</b>	<b>121.6</b>	<b>122</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



Name of the Stn	Installed capacity in MW	Capacity Allocation to Delhi In%	Capacity Allocation to Delhi in MW	DISCOMWISE CAPACITY ALLOCATION IN MW						
				BRPL	BYPL	TPDDL	NDM C	MES	RPH	NR
<b>Nathpa Jhakri HEP</b>	<b>1500</b>	<b>9</b>	<b>142.05</b>	<b>62</b>	<b>36</b>	<b>44</b>	<b>0</b>	<b>0</b>		
Tehri Hydro	1000	6.30	63.00	44	0	19	0	0		
Koteshwar HEP	400	9.86	39.44	27	0	12	0	0		
<b>Total THDC</b>	<b>1400</b>		<b>102.44</b>	<b>71.01</b>	<b>0</b>	<b>31.4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Singrauli Hyd	8	19.13	1.53	0	0	1.53				
<b><u>NPC (NUCLEAR)</u></b>										
Narora APS	440	10.68	46.99	33	0	14	0	0		
RAPP (C )	440	12.69	55.84	25	14	17	0	0		
<b>TOTAL NPC</b>	<b>880</b>		<b>102.83</b>	<b>57</b>	<b>14</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><u>Allocation from ER</u></b>										
Tala HEP	1020	2.94	29.99	13	8	9	0	0		
SASAN	3960	11.25	445.50	66.08	311.08	68.34	0	0		
DVC(CTPS7 &8 )			<b>300.00</b>	<b>131.00</b>	<b>82.00</b>	<b>83.76</b>				
DVC(Mejia6)			100.00	44	25	31	0	0		
<b>TOTAL</b>	<b>4980</b>		<b>875.49</b>	<b>254</b>	<b>426</b>	<b>192</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><u>Allocation from Long term Bilateral</u></b>										
CLP Jhajjar(Th)	1320		124.00			124				
Mejia-7(Th)	500		119.00		119					
Methan(Th)	1050		281.25			281				
Surya Kanta(Hyd)			14.00			14				
Nanti Hydro			11.45			11				
Tutikoren(LT-61)			50.00	50						
SECI			60.00	20	20	20				
<b>RUMS - DMRC</b>			99.00	47.5	26.3	25.2				
<b>Sun Edision (From 18.11.2019)</b>			<b>90.00</b>			<b>90</b>				
<b>Teranda (HYD)(From 08.1.2020)</b>			<b>12.65</b>			<b>12.65</b>				
<b>BRBCL (From 15.01.2020)</b>			<b>5.00</b>							5
JIPTL			9.46							9.46
<b>TOTAL</b>	<b>2870</b>		<b>875.81</b>	<b>117</b>	<b>166</b>	<b>579</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14.46</b>
<b>Total in MW</b>	<b>33445</b>		<b>7540</b>	<b>3078</b>	<b>1700</b>	<b>2371</b>	<b>326</b>	<b>45</b>	<b>1</b>	<b>14.46</b>

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

Name of the Stn	Installed capacity in MW	Capacity Allocation to Delhi In%	Capacity Allocation to Delhi in MW	DISCOMWISE CAPACITY ALLOCATION IN PERCENTAGE (%AGE)						
				BRPL	BYPL	TPDD L	NDMC	MES	RPH	NR
<b>STATE GENERATING STATIONS</b>										
GAS TURBINE	270	100	270	<b>60.89</b>	<b>8.57</b>	<b>30.18</b>	<b>0.00</b>	<b>0.00</b>	<b>0.37</b>	
PRAGATI	330	100	330	28.29	16.07	19.28	30.30	6.06		
BAWANA CCGT	1371	80	1097	38.91	22.50	27.19	9.13	2.28		
EDWPCL(WEP)	12	49	6	0.00	100.00	0.00	0.00	0.00		
Bawana(WEP)	24	100	24	41.81	23.90	29.20	5.09	0.00		
TOWMCL(WEP)	13	97	12.63	50.00	0.00	47.15	0.00	0.00	0.00	
<b>TOTAL</b>	<b>2020</b>		<b>1739.31</b>	<b>40.31</b>	<b>19.24</b>	<b>26.24</b>	<b>11.57</b>	<b>2.58</b>	<b>0.06</b>	<b>0.00</b>
<b>CENTRAL SECTOR GENERATION</b>										
<b><u>NTPC STATIONS</u></b>										
Singrauli STPS	2000	7.50	150.00	19.76	49.56	30.68	0.00	0.00		
Rihand Stage-I	1000	10.00	100.00	69.32	0.00	30.68	0.00	0.00		
Rihand Stage -II	1000	12.60	126.00	43.92	25.40	30.68	0.00	0.00		
Rihand Stage-III	1000	13.19	131.91	59.26	40.74	0.00	0.00	0.00		
ANTA GPS	419	10.50	44.00	43.92	25.40	30.68	0.00	0.00		
Auriya GPS	663.36	10.86	72.04	43.92	25.40	30.68	0.00	0.00		
Dadri GPS	829.78	10.96	90.94	43.92	25.39	30.68	0.00	0.00		
Dadri (Th)-I	840	90.00	756.00	73.98	8.17	1.32	16.53	0.00		
Dadri (Th) -II	980	74.24	727.53	74.60	24.03	1.37	0.00	0.00		
Unchahaar-I TPS	420	5.71	23.98	43.92	25.39	30.68	0.00	0.00		
Unchahaar-II TPS	420	11.19	47.00	43.92	25.40	30.68	0.00	0.00		
Unchahaar-III TPS	210	13.81	29.00	43.92	25.40	30.68	0.00	0.00		
Unchahaar-IV TPS	500									
Jhajjar	1500	46.20	693.00	1.44	9.99	88.57	0.00	0.00		
Farakka	1600	1.39	22.24	43.92	25.40	30.68	0.00	0.00		
Kahalgaoon-I	840	6.07	50.99	43.92	25.40	30.68	0.00	0.00		
Kahalgaoon-II	1500	10.49	157.35	43.92	25.40	30.68	0.00	0.00		
<b>TOTAL NTPC</b>	<b>15722</b>		<b>3221.98</b>	<b>49.06</b>	<b>18.70</b>	<b>28.37</b>	<b>3.88</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b><u>NHPC (HYDRO)</u></b>										
Baira Suil HPS	180	11.00	19.80	43.92	25.40	30.68	0.00	0.00		
Salal HPS	690	11.62	80.18	74.60	25.40	0.00	0.00	0.00		
Tanakpur HEP	94	12.81	12.07	43.92	25.40	30.68	0.00	0.00		
Chamera HEP	540	7.90	42.66	43.92	25.40	30.68	0.00	0.00		
Chamera-II HEP	300	13.33	39.99	43.92	25.40	30.68	0.00	0.00		
Chamera-III HEP	231	12.73	29.42	43.92	25.40	30.68	0.00	0.00		
URI-I HEP	480	11.04	52.99	43.92	25.40	30.68	0.00	0.00		
URI -II HEP	240	13.45	32.28	43.92	25.40	30.68	0.00	0.00		
Sewa HEP	120	13.33	16.00	43.92	25.40	30.68	0.00	0.00		
Dhaulti Ganga HEP	280	13.21	36.99	43.92	25.40	30.68	0.00	0.00		
Dulhasti HEP	390	12.83	50.04	43.92	25.40	30.68	0.00	0.00		
Parbati-III HEP	520	12.73	66.20	43.92	25.40	30.68	0.00	0.00		
<b>Total NHPC</b>	<b>4065</b>		<b>478.60734</b>	<b>49.06</b>	<b>25.40</b>	<b>25.54</b>	<b>0.00</b>	<b>0.00</b>		

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
<b>Nathpa Jhakri HEP</b>	<b>1500</b>	<b>9</b>	<b>142.05</b>	<b>43.92</b>	<b>25.40</b>	<b>30.68</b>	<b>0.00</b>	<b>0.00</b>		
Tehri Hydro	1000	6.30	63.00	69.32	0.00	30.68	0.00	0.00		
Koteshwar HEP	400	9.86	39.44	69.32	0.00	30.68	0.00	0.00		
<b>Total THDC</b>	<b>1400</b>		<b>102.44</b>	<b>69.32</b>	<b>0.00</b>	<b>30.68</b>	<b>0.00</b>	<b>0.00</b>		
Singrauli Hyd	8	19.13	1.53	0.00	0.00	100.00	0.00	0.00		
<b><u>NPC (NUCLEAR)</u></b>										
Narora APS	440	10.68	46.99	69.32	0.00	30.68	0.00	0.00		
RAPP (C )	440	12.69	55.84	43.92	25.40	30.68	0.00	0.00		
<b>TOTAL NPC</b>	<b>880</b>		<b>102.828</b>	<b>55.53</b>	<b>13.79</b>	<b>30.68</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Allocation from ER</b>										
Tala HEP	1020	2.94	29.99	43.92	25.40	30.68	0.00	0.00		
<b>SASAN</b>	<b>3960</b>	<b>11.25</b>	<b>445.50</b>	<b>14.83</b>	<b>69.83</b>	<b>15.34</b>	<b>0.00</b>	<b>0.00</b>		
DVC(CTPS7 &8 )			<b>300.00</b>	<b>44.14</b>	<b>27.63</b>	<b>28.22</b>				
DVC(Mejia6)			100.00	43.92	25.40	30.68	0.00	0.00		
<b>TOTAL</b>	<b>4980</b>		<b>875.488</b>	<b>29.03</b>	<b>48.67</b>	<b>21.93</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Allocation from Long term Bilateral</b>										
CLP Jhajjar(Th)	1320		124.00			100.00				
Mejia-7(Th)	500		119.00		100.00					
Methan(Th)	1050		281.25			100.00				
Surya Kanta(Hyd)			14.00			100.00				
Nanti Hydro			11.45			100.00				
Tutikoren			50.00	100.00						
SECI			60.00	32.93	33.78	33.29				
<b>RUMS - DMRC</b>			99.00	47.98	26.57	25.45				
<b>Sun Edision (From 18.11.2019)</b>			90.00			100.00				
<b>Teranda (HYD) (From 08.1.2020)</b>			<b>12.65</b>			100.00				
<b>BRBCL (From 15.01.2020)</b>			<b>5.00</b>							100
JIPTL			9.46							100
<b>TOTAL</b>	<b>2870</b>		<b>875.81</b>	<b>13.39</b>	<b>18.90</b>	<b>66.06</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>200.0</b>
<b>Total</b>	<b>33445</b>		<b>7540</b>	<b>40.83</b>	<b>22.55</b>	<b>31.45</b>	<b>4.33</b>	<b>0.60</b>	<b>0.01</b>	<b>0.19</b>

**POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND  
MET DURING JUNE 2023**

Date	Time of peak demand	Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		GT	PPCL	Bawana	TOWMCL	EDWPCL	DMSWL	TWEPL	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9) = (3) to (8)	(10)	(11)	(12) = (11) - (10)	(13) = (11) + (12)	(14)	(15) = (13) + (14)	
1	17.30.13	37	147	-5	8	6	18	26	237	4153	3944	209	4390	0	4390
2	16.34.25	26	145	-5	0	7	16	21	210	4413	4345	68	4623	0	4623
3	23.27.51	37	149	-6	12	7	13	22	234	4487	4530	-43	4721	0	4721
4	22.59.34	37	148	-5	18	2	16	27	243	4726	4540	186	4969	0	4969
5	23.28.20	37	151	-6	19	0	18	27	246	5277	5228	49	5523	0	5523
6	15.16.26	35	145	27	19	0	17	23	266	5295	5480	-185	5561	0	5561
7	23.40.05	38	150	293	17	8	18	26	550	5218	5164	54	5768	0	5768
8	15.43.33	34	144	270	16	7	17	20	508	5496	5482	14	6004	0	6004
9	15.27.25	33	142	268	14	0	18	23	498	6000	5904	96	6498	0	6498
10	15.30.38	32	143	271	16	8	19	21	510	5817	5850	-33	6327	11	6338
11	23.21.04	35	149	270	19	10	17	26	526	5711	5753	-42	6237	0	6237
12	23.03.40	33	268	291	17	9	18	27	663	6166	6261	-95	6829	0	6829
13	15.29.00	32	283	271	14	6	18	26	650	6448	6452	-4	7098	0	7098
14	15.24.20	32	262	270	12	8	17	27	628	6597	6558	39	7225	0	7225
15	15.33.06	33	265	270	12	8	19	25	632	6227	6191	36	6859	0	6859
16	14.41.29	34	264	273	12	7	17	25	632	6142	6163	-21	6774	0	6774
17	00.01.17	35	263	305	13	9	19	26	670	5870	5844	26	6540	0	6540
18	23.39.10	18	262	305	12	10	19	26	652	5685	5776	-91	6337	0	6337
19	00.00.45	34	264	271	18	7	18	25	637	5639	5609	30	6276	0	6276
20	15.35.19	33	263	272	17	7	8	24	624	5763	5772	-9	6387	0	6387
21	15.31.04	32	264	273	17	7	17	26	636	5844	5871	-27	6480	0	6480
22	23.21.49	33	262	310	18	5	18	26	672	5301	5417	-116	5973	0	5973
23	23.03.56	59	263	311	19	5	16	27	700	6271	6404	-133	6971	0	6971
24	00.00.46	59	266	310	16	6	17	27	701	6143	3139	3004	6844	0	6844
25	00.02.41	34	267	276	18	9	18	24	646	5652	5583	69	6298	0	6298
26	23.21.49	34	152	-6	19	7	17	12	235	5301	5417	-116	5536	0	5536
27	23.01.11	34	152	-6	19	-1	15	13	226	5557	5603	-46	5783	0	5783
28	14.47.46	34	148	-6	15	0	17	13	221	5826	5999	-173	6047	0	6047
29	23.21.56	34	152	-6	15	3	18	13	229	5447	5412	35	5676	0	5676
30	15.23.46	34	150	-5	17	2	17	14	229	5611	5576	35	5840	0	5840

**POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING JUNE 2023**

Date	Time of peak demand	Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		GT	PPCL	Bawana	TOWMCL	EDW PCL	DMS WL	TWE PL	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9) = (3) to (8)	(10)	(11)	(12) = (11) - (10)	(13) = (11) + (12)	(14)	(15) = (13) + (14)	
1	17.30.13	37	147	-5	8	6	18	26	237	4153	3944	209	4390	0	4390
2	16.34.25	26	145	-5	0	7	16	21	210	4413	4345	68	4623	0	4623
3	23.27.51	37	149	-6	12	7	13	22	234	4487	4530	-43	4721	0	4721
4	22.59.34	37	148	-5	18	2	16	27	243	4726	4540	186	4969	0	4969
5	23.28.20	37	151	-6	19	0	18	27	246	5277	5228	49	5523	0	5523
6	15.16.26	35	145	27	19	0	17	23	266	5295	5480	-185	5561	0	5561
7	23.40.05	38	150	293	17	8	18	26	550	5218	5164	54	5768	0	5768
8	15.43.33	34	144	270	16	7	17	20	508	5496	5482	14	6004	0	6004
9	15.27.25	33	142	268	14	0	18	23	498	6000	5904	96	6498	0	6498
10	15.30.38	32	143	271	16	8	19	21	510	5817	5850	-33	6327	11	6338
11	23.21.04	35	149	270	19	10	17	26	526	5711	5753	-42	6237	0	6237
12	23.03.40	33	268	291	17	9	18	27	663	6166	6261	-95	6829	0	6829
13	15.29.00	32	283	271	14	6	18	26	650	6448	6452	-4	7098	0	7098
14	15.24.20	32	262	270	12	8	17	27	628	6597	6558	39	7225	0	7225
15	15.33.06	33	265	270	12	8	19	25	632	6227	6191	36	6859	0	6859
16	14.41.29	34	264	273	12	7	17	25	632	6142	6163	-21	6774	0	6774
17	00.01.17	35	263	305	13	9	19	26	670	5870	5844	26	6540	0	6540
18	23.39.10	18	262	305	12	10	19	26	652	5685	5776	-91	6337	0	6337
19	00.00.45	34	264	271	18	7	18	25	637	5639	5609	30	6276	0	6276
20	15.35.19	33	263	272	17	7	8	24	624	5763	5772	-9	6387	0	6387
21	15.31.04	32	264	273	17	7	17	26	636	5844	5871	-27	6480	0	6480
22	23.21.49	33	262	310	18	5	18	26	672	5301	5417	-116	5973	0	5973
23	23.03.56	59	263	311	19	5	16	27	700	6271	6404	-133	6971	0	6971
24	00.00.46	59	266	310	16	6	17	27	701	6143	3139	3004	6844	0	6844
25	00.02.41	34	267	276	18	9	18	24	646	5652	5583	69	6298	0	6298
26	23.21.49	34	152	-6	19	7	17	12	235	5301	5417	-116	5536	0	5536
27	23.01.11	34	152	-6	19	-1	15	13	226	5557	5603	-46	5783	0	5783
28	14.47.46	34	148	-6	15	0	17	13	221	5826	5999	-173	6047	0	6047
29	23.21.56	34	152	-6	15	3	18	13	229	5447	5412	35	5676	0	5676
30	15.23.46	34	150	-5	17	2	17	14	229	5611	5576	35	5840	0	5840

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

(ALL FIGURES IN MUS)

<b>GENERATION WITHIN DELHI</b>	<b>AVAILABILITY</b>	<b>SCHEDULE</b>
Rajghat Power House	0.000	0.000
Gas Turbine	60.318	24.073
Pragati-I	219.843	144.321
Pragati-III (Bawana)	740.160	103.005
Rithala	0.000	0.000
Badarpur	0.000	0.000
Renewable (include WTE)	44.567	44.567
<b>TOTAL DELHI GEN.</b>	<b>1064.888</b>	<b>315.966</b>

<b>NAME OF STATION</b>	<b>AVAILABILITY</b>	<b>SCHEDULE</b>
ANTA GPP-GF	28.359	0.000
ANTA GPP-LF		0.000
ANTA GPP-RF		0.753
ANTA CRF		0.021
AURAIYA GPP-GF	49.067	0.000
AURAIYA GPP-LF		0.013
AURAIYA GPP-RF		1.796
AURAIYA CRF		0.001
DADRI GPP-GF	61.106	0.000
DADRI GPP-LF		0.042
DADRI GPP-RF		3.164
DADRI CRF		0.053
<b>Coal Based Station</b>		
SINGRAULI STPS	0.649	0.649
RIHAND STPS	67.379	63.273
RIHAND-II STPS	89.284	83.503
RIHAND3	94.636	88.990
DADRI II	519.761	0.000
UNCHAHAR-I TPS	15.245	10.470
UNCHAHAR-II TPS	32.636	24.290
UNCHAHAR-III TPS	19.805	13.244
UNCHAHAR - IV TPS	0.551	0.357
JHAJJAR	477.592	324.652
Meja TPS	2.155	2.155
Tanda-II TPS	0.920	0.920
FARAKA	14.767	11.016
KAHALGAON1	30.556	24.698
KAHALGAON2	111.478	92.564

<b>NAME OF STATION</b>	<b>AVAILABILITY</b>	<b>SCHEDULE</b>
SASAN	293.361	292.802
Nabinagar STPS(BRBCL)	11.801	11.071
<b>Hydro Station</b>		
BAIRASIUL HEP	8.482	8.482
SALAL HEP	54.999	54.999
TANAKPUR HEP	4.683	4.683
CHAMERA HEP	26.646	26.646
CHAMERA HEP-II	28.072	28.072
CHAMERA III	20.113	20.113
URI HEP	33.329	33.329
URI 2 HEP	24.419	24.419
SEWA-II	10.521	10.521
DHAULIGANGA HEP	20.021	20.021
DULHASTI HEP	37.136	37.136
Parvati3	12.320	12.320
NATHPA JHAKRI HEP	86.935	86.935
TEHRI HEP	11.244	11.244
KOTESWAR	8.009	8.009
SINGRAULI SHEP	99.542	99.542
TALA	6.787	6.787
Kishan Ganag	1.348	1.348
Koldam	0.000	0.000
Rampur	0.968	0.968
<b>Nuclear Station</b>		
NAPP	29.706	29.706
RAPP C	39.994	39.994
RAPPB_4 C	0.000	0.000
<b>Special Allocation from SR &amp; WR</b>		
Ramagundum STPS I&II	0.000	0.000
Ramagundum STPS III	0.000	0.000
TALCHER STPS-II	0.000	0.000
SIMHADRI STPS -II	0.000	0.000
KUDGI STPS -I	55.587	55.587
<b>Total ISGS</b>	<b>2541.969</b>	<b>1671.357</b>
<b>LTA</b>	<b>866.241</b>	<b>866.241</b>
<b>TOTAL ISGS (ISGS + LTA)</b>	<b>3408.210</b>	<b>2537.598</b>
<b>TOTAL AVAILABILITY</b>	<b>4473.097</b>	<b>2853.564</b>

**8. SHEDDING DETAILS DURING THE MONTH OF JUNE 2023**

**ALL FIGURES IN MUs**

DATE	No. of Under Freq. Relay Operated	Shedding due to under frequency relay operation in MUs					Shedding due to Grid Restrictions (Over drawal / low freq.)				
		BSES		TPDDL	NDMC	TOTAL	BSES		TPDDL	NDMC	MES
		BYPL	BRPL				BYPL	BRPL			
1	2	3	4	5	6	7=3 to 6	8	9	10	11	12
01.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.06.23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>



ALL FIGURES IN MUS

Date	Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VOILATION				DUE TO NEW GRID CODE REGULATION DEVIATION			Shedding due to Transmission/Grid Constraints in Central sector stations				Total	Total shedding due to grid restrictions
	BSES		TPDDL	NDMC	BSES		TPDDL	BSES		TPDDL	NDMC		
	BYPL	BRPL			BYPL	BRPL		BYPL	BRPL				
<b>1</b>	13	14	15	16	17	18	19	20	21	22	23	24=8 to 23	25=7+24
01.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>TOTAL</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

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
01.06.23	0.014	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.06.23	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000
03.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.06.23	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000
05.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.06.23	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000
08.06.23	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000
09.06.23	0.000	0.029	0.031	0.000	0.000	0.000	0.008	0.000	0.000
10.06.23	0.004	0.011	0.000	0.000	0.000	0.000	0.009	0.000	0.000
11.06.23	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.06.23	0.000	0.055	0.009	0.000	0.000	0.000	0.000	0.000	0.000
13.06.23	0.002	0.000	0.016	0.000	0.000	0.000	0.028	0.000	0.000
14.06.23	0.004	0.000	0.020	0.000	0.000	0.000	0.012	0.000	0.000
15.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.06.23	0.000	0.005	0.000	0.000	0.000	0.000	0.009	0.001	0.000
18.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.06.23	0.000	0.006	0.000	0.000	0.000	0.000	0.005	0.000	0.000
20.06.23	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.008	0.000
21.06.23	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.06.23	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000
23.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.006	0.000
24.06.23	0.002	0.045	0.000	0.000	0.000	0.000	0.004	0.000	0.000
25.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.003	0.000
26.06.23	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000
27.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000
28.06.23	0.000	0.000	0.000	0.000	0.000	0.002	0.009	0.000	0.000
29.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000
30.06.23	0.000	0.000	0.010	0.000	0.000	0.000	0.005	0.006	0.000
<b>TOTAL</b>	<b>0.027</b>	<b>0.202</b>	<b>0.109</b>	<b>0.000</b>	<b>0.000</b>	<b>0.029</b>	<b>0.117</b>	<b>0.026</b>	<b>0.000</b>

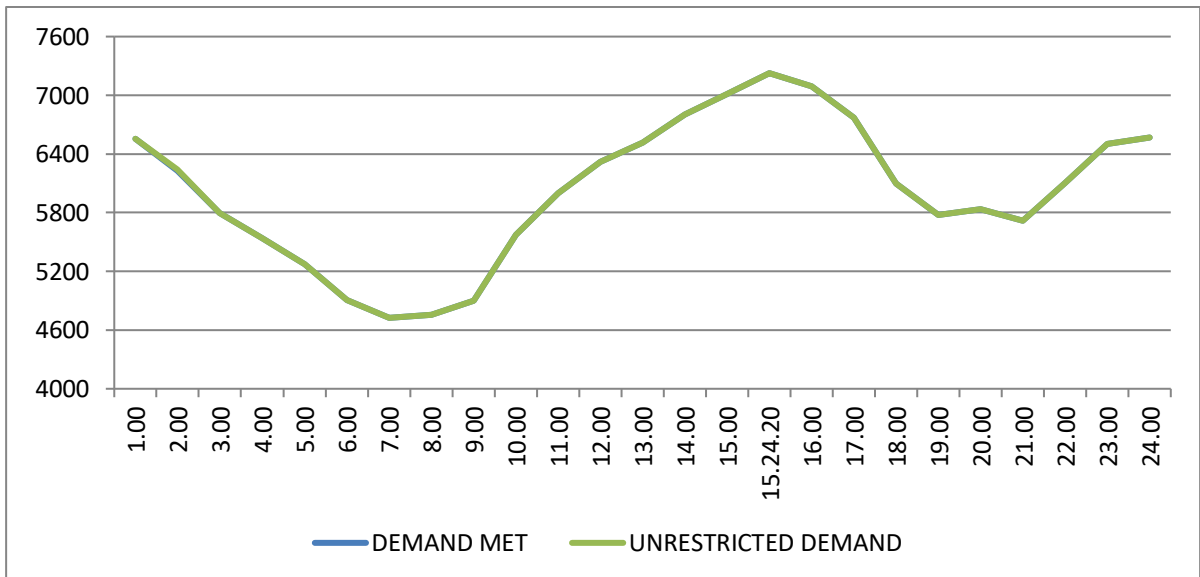
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE 42= 26 to 41	GRAND TOTAL 43 = 25 + 42
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41		
01.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.020
02.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
03.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007
05.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.008
07.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
08.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.012
09.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.068	0.068
10.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.024
11.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.014
12.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.064	0.064
13.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047	0.047
14.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.035
15.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.015
18.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011
20.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.025	0.025
21.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.008
22.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009
23.06.23	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.008	0.008
24.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.052	0.052
25.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011
26.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.022
27.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.016
28.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011
29.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
30.06.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.021
<b>TOTAL</b>	<b>0.000</b>	<b>0.000</b>	<b>0.001</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.509</b>	<b>0.509</b>

DATE	(NET CONS.)	MAXI. DEMAND MET DURING THE DAY	TIME OF OCCURRENCE OF MAX DEMAND	SHEDDING AT THIS TIME	UN-RESTRICTED DEMAND	MAXIMUM UN-RESTRICTED DEMAND DURING THE DAY	TIME OF MAX. UN-REST. DEMAND	DEMAND AT THAT TIME	SHEDDING AT THAT TIME
	In Mus.	IN MW	IN HRS.	IN MW	IN MW	IN MW	HRS.	IN MW	IN MW
1	32	33	34	35	36=33+35	37=39+40	38	39	40
01.06.23	90.948	4390	17:30:13	0	4390	4390	17:30:13	4390	0
02.06.23	93.943	4624	16:34:25	0	4624	4624	16:34:25	4624	0
03.06.23	97.280	4720	23:27:51	0	4720	4720	23:27:51	4720	0
04.06.23	97.398	4970	22:59:34	0	4970	4970	22:59:34	4970	0
05.06.23	109.896	5523	23:28:20	0	5523	5523	23:28:20	5523	0
06.06.23	114.549	5561	15:16:26	0	5561	5561	15:16:26	5561	0
07.06.23	116.001	5767	23:40:05	0	5767	5767	23:40:05	5767	0
08.06.23	118.627	6004	15:43:33	0	6004	6004	15:43:33	6004	0
09.06.23	129.186	6497	15:27:25	0	6497	6497	15:27:25	6497	0
10.06.23	125.736	6327	15:30:38	11	6338	6338	15:30:38	6327	11
11.06.23	117.045	6236	23:21:04	0	6236	6236	23:21:04	6236	0
12.06.23	135.430	6829	23:03:40	0	6829	6829	23:03:40	6829	0
13.06.23	142.811	7098	15:29:00	0	7098	7098	15:29:00	7098	0
14.06.23	145.022	7226	15:24:20	0	7226	7226	15:24:20	7226	0
15.06.23	137.898	6859	15:33:06	0	6859	6859	15:33:06	6859	0
16.06.23	135.547	6774	14:41:29	0	6774	6774	14:41:29	6774	0
17.06.23	131.996	6540	0:01:17	0	6540	6540	0:01:17	6540	0
18.06.23	126.655	6354	23:39:10	0	6354	6354	23:39:10	6354	0
19.06.23	125.438	6276	0:00:45	0	6276	6276	0:00:45	6276	0
20.06.23	128.951	6387	15:35:19	0	6387	6387	15:35:19	6387	0
21.06.23	131.394	6480	15:31:04	0	6480	6480	15:31:04	6480	0
22.06.23	140.073	6907	23:02:59	0	6907	6907	23:02:59	6907	0
23.06.23	142.902	6971	23:03:56	0	6971	6971	23:03:56	6971	0
24.06.23	137.059	6844	0:00:46	0	6844	6844	0:00:46	6844	0
25.06.23	107.747	6298	0:02:41	0	6298	6298	0:02:41	6298	0
26.06.23	112.947	5529	23:21:49	0	5529	5529	23:21:49	5529	0
27.06.23	120.743	5783	23:01:11	0	5783	5783	23:01:11	5783	0
28.06.23	127.458	6047	14:47:46	0	6047	6047	14:47:46	6047	0
29.06.23	114.553	5676	23:21:56	0	5676	5676	23:21:56	5676	0
30.06.23	120.040	5840	15:23:46	0	5840	5840	15:23:46	5840	0
<b>TOTAL</b>	<b>3675.273</b>	<b>7226</b>	<b>15.24.20</b>						
		<b>14.06.23</b>							

9. **LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING JUNE 2023 ON 14.06.23 - 7226MW AT 15.24.20HRS.**

All figures in MW

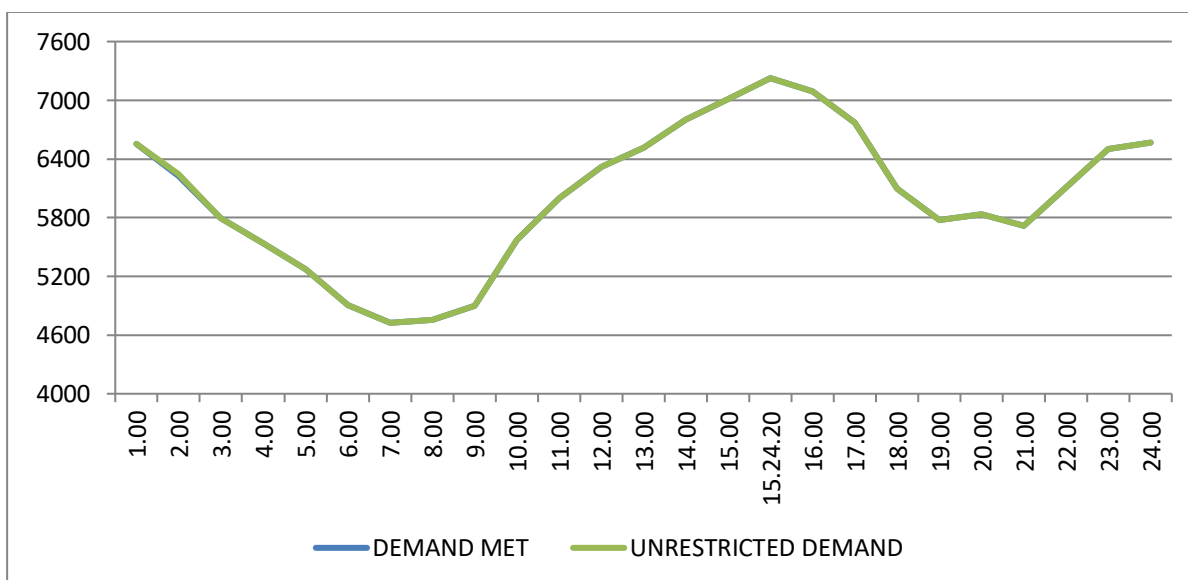
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	6554	0	6554
2.00	6228	15.6	6243.6
3.00	5798	0	5798
4.00	5539	0	5539
5.00	5272	0	5272
6.00	4905	0	4905
7.00	4725	0	4725
8.00	4758	0	4758
9.00	4901	0	4901
10.00	5572	0	5572
11.00	6000	0	6000
12.00	6319	0	6319
13.00	6517	0	6517
14.00	6801	0	6801
15.00	7015	0	7015
15.24.20	7226	0	7226
16.00	7089	0	7089
17.00	6772	0	6772
18.00	6094	0	6094
19.00	5775	0	5775
20.00	5834	0	5834
21.00	5717	0	5717
22.00	6107	0	6107
23.00	6502	0	6502
24.00	6565	0	6565
<b>Total (IN MUS)</b>	<b>145.022</b>	<b>0.035</b>	<b>145.057</b>



**10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING JUNE 2023 ON 14.06.2023-7226MW AT 15.24.20HRS.**

All figures in MW

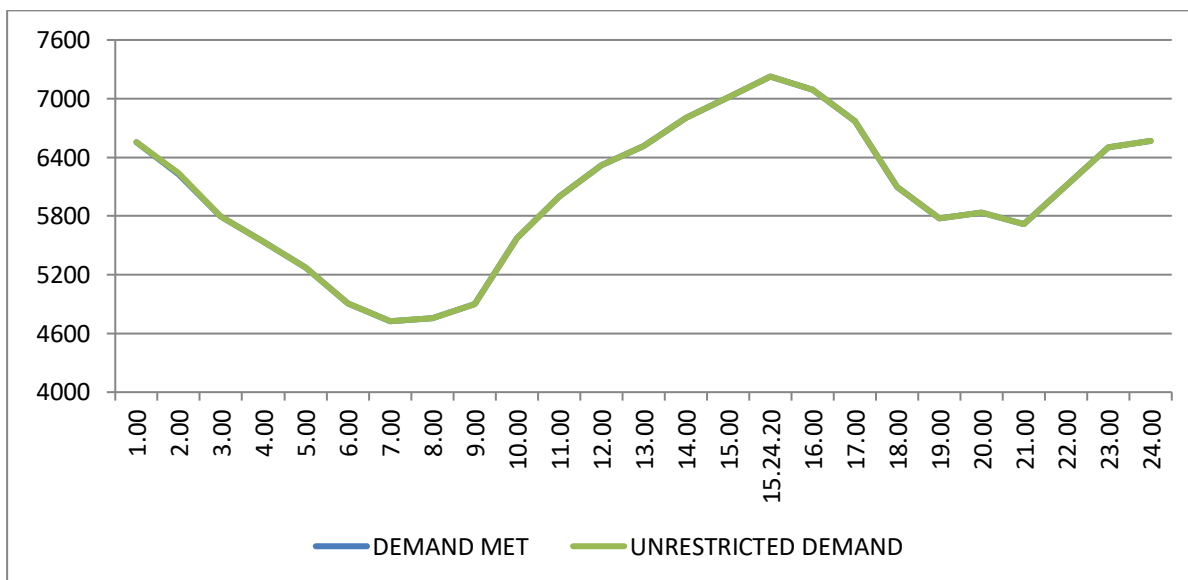
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	6554	0	6554
2.00	6228	15.6	6243.6
3.00	5798	0	5798
4.00	5539	0	5539
5.00	5272	0	5272
6.00	4905	0	4905
7.00	4725	0	4725
8.00	4758	0	4758
9.00	4901	0	4901
10.00	5572	0	5572
11.00	6000	0	6000
12.00	6319	0	6319
13.00	6517	0	6517
14.00	6801	0	6801
15.00	7015	0	7015
15.24.20	7226	0	7226
16.00	7089	0	7089
17.00	6772	0	6772
18.00	6094	0	6094
19.00	5775	0	5775
20.00	5834	0	5834
21.00	5717	0	5717
22.00	6107	0	6107
23.00	6502	0	6502
24.00	6565	0	6565
<b>Total (IN MUS)</b>	<b>145.022</b>	<b>0.035</b>	<b>145.057</b>



11 **LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING JUNE 2023 – 14.06.2023 – 145.022Mus**

All figures in MW

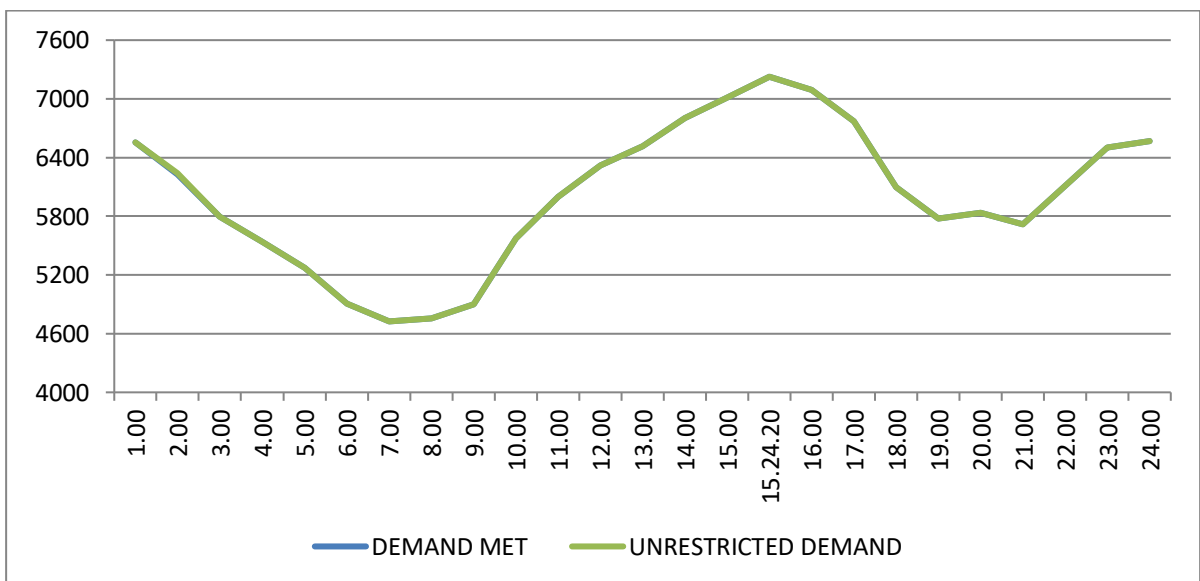
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	6554	0	6554
2.00	6228	15.6	6243.6
3.00	5798	0	5798
4.00	5539	0	5539
5.00	5272	0	5272
6.00	4905	0	4905
7.00	4725	0	4725
8.00	4758	0	4758
9.00	4901	0	4901
10.00	5572	0	5572
11.00	6000	0	6000
12.00	6319	0	6319
13.00	6517	0	6517
14.00	6801	0	6801
15.00	7015	0	7015
15.24.20	7226	0	7226
16.00	7089	0	7089
17.00	6772	0	6772
18.00	6094	0	6094
19.00	5775	0	5775
20.00	5834	0	5834
21.00	5717	0	5717
22.00	6107	0	6107
23.00	6502	0	6502
24.00	6565	0	6565
<b>Total (IN MUS)</b>	<b>145.022</b>	<b>0.035</b>	<b>145.057</b>



**12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING JUNE 2023 - ON 14.06.2023- 145.057MUs**

All figures in MW

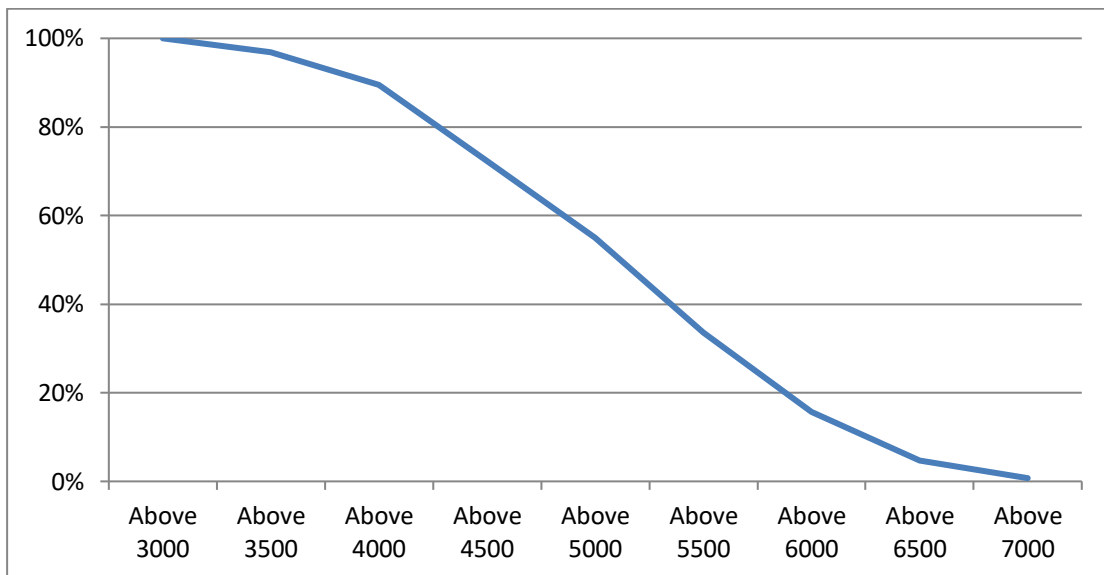
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	6554	0	6554
2.00	6228	15.6	6243.6
3.00	5798	0	5798
4.00	5539	0	5539
5.00	5272	0	5272
6.00	4905	0	4905
7.00	4725	0	4725
8.00	4758	0	4758
9.00	4901	0	4901
10.00	5572	0	5572
11.00	6000	0	6000
12.00	6319	0	6319
13.00	6517	0	6517
14.00	6801	0	6801
15.00	7015	0	7015
15.24.20	7226	0	7226
16.00	7089	0	7089
17.00	6772	0	6772
18.00	6094	0	6094
19.00	5775	0	5775
20.00	5834	0	5834
21.00	5717	0	5717
22.00	6107	0	6107
23.00	6502	0	6502
24.00	6565	0	6565
<b>Total (IN MUS)</b>	<b>145.022</b>	<b>0.035</b>	<b>145.057</b>





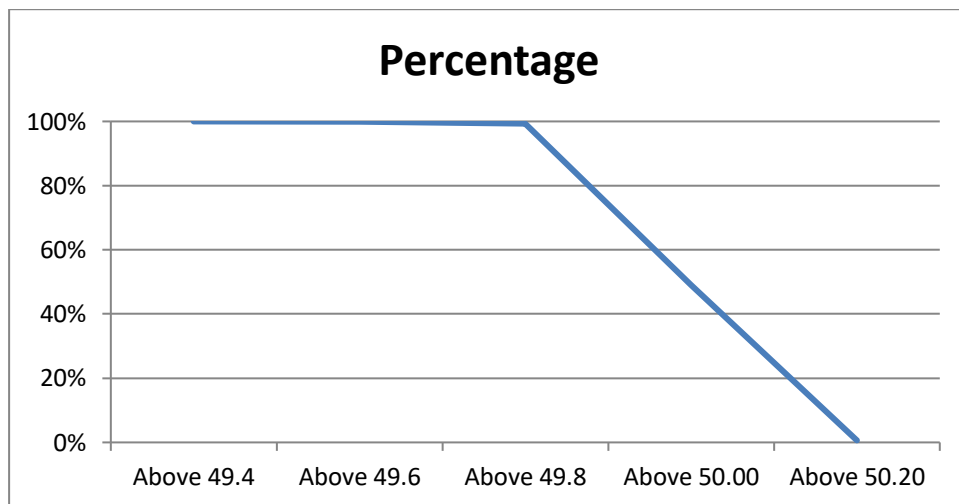
13 LOAD DURATION CURVE FOR JUNE 2023

LOAD REMAINED ABOVE IN MW	(%) OF TIME
Above 3000	100%
Above 3500	96.81%
Above 4000	89.48%
Above 4500	72.33%
Above 5000	55.03%
Above 5500	33.65%
Above 6000	15.69%
Above 6500	4.69%
Above 7000	0.73%



**14 FREQUENCY ANALYSIS FOR THE MONTH OF JUNE 2023**

<b>FREQUENCY REMAINED ABOVE IN HZ</b>	<b>(%) OF TIME</b>
Above 49.4	100%
Above 49.6	99.97%
Above 49.8	99.37%
Above 50.00	49.02%
Above 50.20	0.63%



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

**All figures in kV**

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.06.23	230.08	220.07	235.4	221.2
02.06.23	229.66	219.36	236.56	224.28
03.06.23	229.44	215.85	234.76	--
04.06.23	230.16	218.15	236.54	223.93
05.06.23	230.94	216.32	232.81	218.42
06.06.23	228.24	216.74	229.81	217.8
07.06.23	229.89	217.4	230.18	217.96
08.06.23	227.81	216.47	228.4	216.8
09.06.23	228.14	215.65	231.2	216.34
10.06.23	227.54	214.75	230.98	218.07
11.06.23	228.23	215.05	231.67	219.56
12.06.23	226.76	212.66	230.07	216.15
13.06.23	225.85	210.13	230.51	214.68
14.06.23	226.28	211.28	228.25	211.14
15.06.23	225.93	214.1	226.88	214.61
16.06.23	224.79	214.11	225.47	214.09
17.06.23	226.94	214.93	227.32	215.82
18.06.23	228	215.42	229.56	217.06
19.06.23	224.98	214.69	225.97	216.34
20.06.23	226.35	214.84	227.39	214.99
21.06.23	226.27	213.98	229.47	214.21
22.06.23	225.08	214.91	226.62	214.94
23.06.23	224.31	214.24	224.28	213.71
24.06.23	224.96	216.22	227.49	--
25.06.23	228.7	219.23	233.32	221.56
26.06.23	226.59	216.46	229.81	216.97
27.06.23	228.29	216.03	230.45	216.57
28.06.23	226.57	216.31	229.24	220.96
29.06.23	228.46	216.79	233.26	222.44
30.06.23	226.62	216.26	231.98	220.07

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

**All figures in kV**

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.06.23	420.84	6:03:10	401.99	12:44:08	410.89
02.06.23	420.06	6:02:49	399.63	10:09:05	409.08
03.06.23	417.18	6:01:12	394.65	11:33:38	407.74
04.06.23	419.59	5:01:31	400.03	10:31:09	409.52
05.06.23	419.4	6:02:07	396	10:40:09	406.19
06.06.23	414.93	6:01:31	395.34	10:38:05	405.64
07.06.23	415.9	6:01:56	396.17	22:22:47	405.15
08.06.23	413.55	6:01:29	394.58	9:33:27	403.78
09.06.23	413.31	6:00:57	394.29	22:13:43	403.88
10.06.23	413.22	6:01:34	395.35	10:23:25	405.73
11.06.23	411.26	0:05:43	411.26	0:05:43	411.26
12.06.23	411.26	0:07:06	390.98	22:39:01	404.91
13.06.23	413.7	18:01:41	387.95	22:35:16	401.51
14.06.23	415.57	7:59:50	390.44	14:48:14	401.73
15.06.23	413.26	7:56:53	391.76	14:28:06	401.79
16.06.23	411.26	5:54:09	393.28	14:13:51	402.71
17.06.23	412.63	6:44:45	393.35	14:47:33	404.01
18.06.23	417.8	7:03:15	395.87	22:47:44	406.7
19.06.23	413.72	6:50:48	394.78	11:36:35	406.28
20.06.23	410.19	0:18:01	395.21	22:12:30	408.3
21.06.23	413.43	7:03:08	393.27	14:10:44	400.22
22.06.23	409.83	17:32:25	393.16	22:40:31	396.45
23.06.23	412.89	8:02:08	393.33	11:24:51	402.76
24.06.23	401.99	0:26:42	401.99	0:26:42	401.99
25.06.23	401.99	0:28:23	401.99	0:28:23	401.99
26.06.23	401.99	0:30:05	401.99	0:30:05	401.99
27.06.23	410.55	16:02:12	395.43	19:41:48	402.65
28.06.23	415.25	4:02:45	394.74	12:53:48	405.29
29.06.23	417.46	8:01:31	395.18	22:06:28	407.33
30.06.23	414.33	2:33:34	397.42	12:38:43	406.01

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.06.23	419.15	6:25:20	400.35	19:24:58	409.52
02.06.23	418.81	5:01:59	400.72	10:09:07	408.67
03.06.23	416.82	6:32:39	396.49	11:34:46	407.88
04.06.23	418.71	5:01:51	400.75	11:30:08	408.99
05.06.23	418.96	6:02:08	393.35	12:20:56	404.99
06.06.23	414.2	5:02:38	393.74	10:36:33	404.71
07.06.23	414.69	6:02:02	395.88	10:03:16	403.9
08.06.23	411.87	6:01:25	393.71	10:19:37	402.72
09.06.23	412.21	6:00:54	393.18	14:25:41	403.03
10.06.23	411.91	7:59:57	391.85	11:31:42	402.18
11.06.23	412.88	6:02:20	392.5	12:51:07	404.25
12.06.23	413.81	6:01:55	387.92	11:49:45	400.43
13.06.23	410.7	7:00:03	389.59	23:09:19	400.35
14.06.23	410.89	7:59:50	386.01	14:28:58	399.16
15.06.23	410.38	7:56:54	392.39	15:18:38	400.58
16.06.23	409.28	5:57:35	392.36	14:14:40	401.93
17.06.23	412.02	6:01:48	393.37	12:14:02	402.56
18.06.23	416.28	7:03:12	395.1	23:03:31	404.3
19.06.23	409.79	6:51:14	391.58	11:36:28	401.81
20.06.23	411.81	7:00:58	390.74	12:23:42	401.91
21.06.23	410.58	7:00:24	389.96	14:44:51	399.94
22.06.23	409.65	7:01:51	391.58	12:20:22	400
23.06.23	408.48	6:49:53	389.38	11:24:41	399.3
24.06.23	408.36	6:55:07	394.25	11:24:27	401.68
25.06.23	416.49	8:00:42	400.47	22:05:39	408.96
26.06.23	413.65	5:02:12	394.53	11:31:42	404.56
27.06.23	413.35	5:00:51	397.07	19:42:04	404.7
28.06.23	413.1	4:02:41	393.83	12:42:24	404.01
29.06.23	414.88	8:01:43	394.68	22:26:30	404.63
30.06.23	412.06	3:54:48	392.63	12:38:47	403.12

## DETAILS OF BREAK-DOWNS/TRIPPING DURING THE MONTH OF JUNE 2023

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	01.06.23	6:52	220kv GAZIPUR- PATPARGANJ CKT	01.06.23	8:57	At Gazipur : Dist prot, Zone-I, RYB Phase, 86.
2	01.06.23	6:52	220 KV PATPARGANJ - I.P. CKT-II	01.06.23	8:08	At Patparganj : Dist prot, Zone-I, Dist 1.6Km., C Phase. At I.P. : Dist prot, Zone-II, RYB Phase
3	01.06.23	12:00	220KV BAWANA-SHALIMARBAGH CKT-I	01.06.23	12:49	AT BAWANA : TRIPPED WITHOUT INDICATION.
4	02.06.23	7:58	BAMNAULI 400/220kv 500MVA ICT-III	02.06.23	10:26	186A&B,
5	02.06.23	13:55	SHALIMAR BAGH 220/33kv 100MVA Tx-I	02.06.23	18:57	86A&B, DIFFERENTIAL, LVR, E/F
6	06.06.23	21:58	NAJAFGARH 66/11kv, 20MVA Tx-II	07.06.23	12:28	R&Y PHASE, O/C
7	07.06.23	14:45	PARKSTREET 220/33kv 100MVA Tx-II	STILL	OUT	DIFFERENTIAL, 86, B PHASE.
8	09.06.23	11:59	GOPALPUR 220/33kv 100MVA Tx-III	09.06.23	13:04	86, E/F.
9	09.06.23	11:59	220kv GOPALPUR-MANDOLACKT-II	09.06.23	13:04	AT GOPALPUR : B PHASE TRIP, DIFFERENTIAL OPERATED.
10	09.06.23	17:40	SARITA VIHAR 66/11kv, 20MVA Tx-I	09.06.23	18:55	86, O/C
11	10.06.23	14:56	SARITA VIHAR 66/11kv, 20MVA Tx-I	10.06.23	15:56	O/C, B PHASE, 86, GEN TRIP.
12	10.06.23	17:09	220 KV I.P.- RPH CKT-I	10.06.23	19:03	AT I.P. : DIST PROT, DIST 495MTS, ZONE-I, Y&B PHASE.
13	10.06.23	17:09	INDRAPRASTHA POWER 220/33kv 100MVA Tx-II	10.06.23	17:20	O/C, E/F.
14	11.06.23	6:40	BAMNAULI 400/220kv 500MVA ICT-III	11.06.23	11:08	AUTO RECLOSE, GROUP A&B, 96
15	12.06.23	1:30	BAWANA 220/66kv 100MVA Tx	12.06.23	5:08	86. MASTER RELAY, 86A&B.
16	12.06.23	7:49	MUNDKA 400/220kv 315MVA ICT-IV	12.06.23	12:15	86A&B, DIFFERENTIAL.
17	12.06.23	7:49	MUNDKA 220/66kv 160MVA Tx-II	12.06.23	15:10	DIFFERENTIAL, 86, MASTER.
18	12.06.23	8:01	PEERA GARHI 220/33kv 100MVA Tx-I	12.06.23	19:10	DIFFERENTIAL, B&C , 86.
19	12.06.23	8:35	MEHRAULI 220/66kv 160MVA Tx-I	12.06.23	9:00	O/C, Y PHASE, E/F
20	12.06.23	8:35	MEHRAULI 220/66kv 100MVA Tx-II	12.06.23	8:40	O/C, Y PHASE, E/F.
21	12.06.23	10:30	MEHRAULI 220/66kv 100MVA Tx-I	12.06.23	10:45	86
22	12.06.23	10:30	MEHRAULI 220/66kv 100MVA Tx-III	12.06.23	10:45	86
23	12.06.23	13:00	220KV BTPS - TUGLAKABAD CKT . - II	12.06.23	13:53	AT TUGLAKABAD : DIST PROT, ZONE-I, R PHSE, DIST 1KM.
24	12.06.23	20:18	MUNDKA 220/66kv 160MVA Tx-II	13.06.23	16:16	DIFFERENTIAL, RYB PHASE, 86.
25	13.06.23	11:25	400kv Dadri-Harsh Vihar Ckt-I	13.06.23	12:47	AT HARSH VIHAR : DIST PROT, ZONE-I, B PHASE, GENERAL TRIP, DIST 1.7KM.
26	13.06.23	12:59	KANJHAWALA 220/66kv 100MVA Tx-I	13.06.23	13:43	O/C, E/F & 86.
27	13.06.23	12:59	KANJHAWALA 220/66kv 100MVA Tx-II	13.06.23	13:43	O/C, E/F & 86.
28	13.06.23	13:35	220kv BAMNAULI - DIAL CKT-I	13.06.23	15:33	AT DIAL : 186A&B, R PHASE TRIP, DIST PROT, ZONE-I, DIST 2.392KM.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
29	14.06.23	10:32	MUNDKA 400/220kv 315MVA ICT-IV	14.06.23	14:12	BUCHOLZ, 86A&B.
30	14.06.23	11:45	PATPARGANJ 220/33kv 100MVA Tx-III	14.06.23	12:01	TRIPPED ON WT1
31	14.06.23	20:17	220KVBAWANA- ROHINI CKT-II	14.06.23	20:29	AT ROHINI -I : BUS BAR PROTECTION, LBB
32	14.06.23	20:17	220KV BAWANA-SHALIMARBAGH CKT-II	14.06.23	20:54	AT ROHINI-I : BUS BAR PROTECTION, LBB.
33	14.06.23	20:17	ROHINI 220/66kv 100MVA Tx-IV	14.06.23	20:43	86, LVREF.
34	14.06.23	20:17	ROHINI 220/66kv 100MVA Tx-III	14.06.23	20:33	86, LVREF.
35	17.06.23	12:27	220kv GOPALPUR-MANDOLACKT-I	17.06.23	13:18	AT GOPALPUR : R PHASE, DIST PROT, ZONE-I, DIST 12.34KM, RN PHASE.
36	17.06.23	15:05	PAPPANKALAN-III 220/66kv 160MVA Tx-II	17.06.23	19:28	TRIPPING ON GAS PRESSURE ALARM.
37	19.06.23	1:16	220KV BTPS - TUGLKABAD CKT.-I	19.06.23	1:31	AT BTPS : DIST PROT, ZONE-I, DIST 3.456KM, R PHASE.
38	19.06.23	18:50	OKHLA 220/33kv 100MVA Tx-III	19.06.23	22:09	DIFFERENTIAL, RYB PHASE, LV REF.
39	19.06.23	21:30	LODHI RD 33/11kv, 20MVA Tx-II	20.06.23	13:20	O/C, R PHASE.
40	20.06.23	5:13	MEHRAULI 220/66kv 160MVA Tx-I	20.06.23	5:40	I/C TRIPPED ON O/C , R PHASE.
41	20.06.23	5:13	MEHRAULI 220/66kv 100MVA Tx-II	20.06.23	5:40	I/C TRIPPED ON O/C, R PHASE, E/F.
42	21.06.23	10:05	NAJAFGARH 66/11kv, 20MVA Tx-I	21.06.23	17:00	O/C, 86, Y PHASE.
43	21.06.23	17:15	OKHLA 220/33kv 100MVA Tx-V	21.06.23	19:08	RYB PHASE, LV REF, 86.
44	22.06.23	8:28	PATPARGANJ 220/66kv 100MVA Tx-I	22.06.23	8:53	O/C
45	24.06.23	10:46	RAJGHAT 220/33kv 100MVA Tx-2	24.06.23	10:56	I/C TRIPPED ON E/F, O/C
46	24.06.23	12:55	SARITA VIHAR 220/66kv 100MVA Tx-II	24.06.23	13:25	BUS BAR OPERATED.
47	24.06.23	12:55	SARITA VIHAR 220/66kv 100MVA Tx-III	24.06.23	13:25	BUS BAR OPERATED.
48	24.06.23	12:55	220kv SARITA VIHAR - BTPS CKT.-II	24.06.23	13:20	AT SARITA VIHAR : BUS BAR OPERATED.
49	24.06.23	12:55	220kv SARITA VIHAR - BTPS CKT.-I	24.06.23	17:13	AT SARITA VIHAR : BUS BAR OPERATED.
50	25.06.23	2:26	PATPARGANJ 220/66kv 100MVA Tx-I	25.06.23	2:59	I/C TRIPPED ON E/F
51	25.06.23	3:03	220KV MEHRAULI - TUGLAKABAD CKT.-I	25.06.23	11:25	AT MEHRAULI : DIST PROT, ZONE-I, B PHASE, LINE DIFFERENTIAL, DIST 4.526KM. AT TUGLAKABAD : DIST PROT, ZONE-II, B PHASE, LINE DIFFERENTIAL, DIST 11.40KM.
52	25.06.23	14:08	RAJGHAT 220/33kv 100MVA Tx-I	25.06.23	14:50	86T, 186ABC, DIFFERENTIAL.
53	25.06.23	14:00	NAJAFGARH 220/66kv 100MVA Tx-IV	25.06.23	15:40	LOCKOUT APPEAR DUE TO LOW SF-6 PRESSURE. 195ABC.
54	26.06.23	17:35	PARKSTREET 220/66kv 100MVA Tx-I	26.06.23	17:56	O/C, 86
55	30.06.23	7:58	33/11kv 20MVA PR. TR. AT KASHIMIRIGATE	30.06.23	9:20	86, DIFFERENTIAL, O/C, RYB PHASE.
56	30.06.23	14:13	KANJHAWALA 220/66kv 100MVA Tx-II	30.06.23	14:30	TR. TRIPPED ON O/C, E/F., I/C TRIPPED ON 86.
57	30.06.23	14:13	KANJHAWALA 220/66kv 100MVA Tx-I	30.06.23	14:30	TR. TRIPPED ON O/C, E/F., I/C TRIPPED ON 86.
58	30.06.23	16:08	ROHINI 66/11kv, 20MVA Tx-I	30.06.23	22:59	DIFFERENTIAL, R&B PHASE, REF LV.
59	30.06.23	17:48	KASHMIRI GATE 33/11kv, 20MVA Tx	30.06.23	19:27	O/C, RYB PHASE , 86.

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

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