

# **DELHI TRANSCO LTD.**

STATE LOAD DISPATCH CENTER

## **PROGRESS REPORT**

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MAY 2022

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## SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	MAY. 2021	MAY. 2022
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
	Total	2156	2156
2	<b>Maximum Unrestricted Demand (MW)</b>	<b>4959</b>	<b>7070</b>
	Date	31.05.2021	19.05.2022
	Time	23.24.27	23.24.51
3	<b>Peak Demand met (MW)</b>	<b>4959</b>	<b>7070</b>
	Date	31.05.21	19.05.2022
	Time	23.24.27	23.24.51
4	Peak Availability (MW)	4880	6940
5	Shortage (-) / Surplus (+) in MW	(-) 79	(-) 130
6	Percentage Shortage (-) / Surplus (+)	(-) 1.59	(-) 1.84
7	Maximum Energy Consume in a day (Mus)	90.153	142.022
8	Energy Consumed during the month	<b>2327.928</b>	<b>3773.552</b>
9	<b>Load Shedding in Mus</b>		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.000	0.0002
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
	<b>Total due to Grid Restriction</b>	<b>0.000</b>	<b>0.0002</b>
B)	Due to Constraints in System in Mus		
	DTL	0.073	0.483
	TPDDL	0.032	0.055
	BRPL	0.054	0.0023
	BYPL	0.071	0.116
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.005	0.0138
	<b>Total</b>	<b>0.234</b>	<b>0.6704</b>
10	<b>Grand Total in Mus</b>	<b>0.234</b>	<b>0.6706</b>

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING MAY 2022

A) For the month of May 2022

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Plant Availability factor for the month (%)	Backing Down
1.	RPH	0.000	0.124	-0.124	--	--
2.	GT	27.717	1.760	25.957	13.47	36.09
3.	PPCL	153.601	3.595	150.006	63.61	70.73
4.	Bawana	298.072	11.026	287.046	28.97	594.09
5.	Towmcl	15.097	3.097	12.000	--	--
6.	EDWPCL	0.000	0.158	-0.158	--	--
7.	DMSWL	13.080	2.149	10.931	--	--
	<b>TOTAL</b>	<b>507.567</b>	<b>21.909</b>	<b>485.658</b>	<b>--</b>	<b>700.91</b>

B) For the Year 2022-23 (Upto May 2022)

Power Station	Effective Capacity (MW)	Net Generation in MUs for May 2022	Availability (%) for May 2022	PLF (%) For May 2022	Cumulative Generation in MUs upto May 2022 for the year 2022-23	Cumulative Availability in % upto May 2022 for the year 2022-23
RPH	135	-0.124	--	--	-0.244	--
GT	270	25.957	31.99	13.47	57.206	31.72
PPCL	330	150.006	93.01	63.61	299.788	94.22
Bawana	1372	287.046	88.93	28.97	643.363	92.07
Towmcl	16	12.000	--	--	22.756	--
EDWPCL	10	-0.158	--	--	-0.236	--
DMSWL	24	10.931	--	--	23.216	--
<b>TOTAL</b>	<b>2936</b>	<b>485.658</b>	<b>--</b>	<b>--</b>	<b>1045.849</b>	<b>--</b>

### 3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI FOR MAY 2022

#### 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	05.05.22	05.14	05.05.22	06.27	Unit tripped due to electrical trouble normal shutdown
		11.05.22	17.30	11.05.22	23.00	Unit tripped oil leakage in CT of GT-#1
		11.05.22	23.00	31.05.22	23.59	Unit under shutdown due to low demand
2	30	01.05.22	00.00	11.05.22	17.30	Unit under shutdown due to low demand
3	30	05.05.22	05.14	05.05.22	07.39	Unit stopped due to GT#1 tripped
		11.05.22	17.30	12.05.22	02.15	
		12.05.22	02.15	31.05.22	23.59	Unit under shutdown due to low demand
4	30	01.05.22	00.00	12.05.22	01.28	Unit under shutdown due to low demand
5	30	Nil				
6	30	Nil				
STG-1	30	Nil				
STG-2	30	Nil				
STG-3	30	Nil				

#### (C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	03.05.22	04.30	12.05.22	08.02	Unit under stopped due to low demand
		23.05.22	11.00	31.05.22	23.59	
2	104	NIL				
STG	122	03.05.22	08.30	03.05.22	10.41	Unit tripped on internal fault.
		28.05.22	16.27	28.05.22	17.25	

**(D) BAWANA CCGT POWER STATION**

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	Nil				
2	216	02.05.22	04.36	02.05.22	05:56	GT tripped due to max DNA, DPU processor fail and standby DPU changeover delayed due to software back plane malfunction.
3	216	Nil				
4	216	14.05.22	12.13	14.05.22	14.09	GT tripped on false alarm due to card FMM-1 failure of LPCO2 system.
		18.05.22	03.24	18.05.22	04.22	GT tripped on False alarm generated due to Electrically Fast Transient noise induced on E-stop circuit from surrounding.
		18.05.22	13.32	18.05.22	14.38	
		23.05.22	16.43	23.05.22	18.05	Unit tripped due to malfunction of push button locke.
STG -1	254	02.05.22	04.36	02.05.22	07.58	DC of ½ STG taken out due to non availability of respective GT-2
STG -2	254	14.05.22	12.13	14.05.22	14.58	DC of 1/2 STG taken out due to non-availability of respective GT#4
		18.05.22	03.24	18.05.22	05.19	
		18.05.22	13.32	18.05.22	15.30	
		23.05.22	16.45	23.05.22	19.21	

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>			<b>99.00</b>	<b>47.5</b>	<b>26.3</b>	<b>25.2</b>				
<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	60.89	8.57	30.18	0.00	0.00	0.37	
PRAGATI	330	100	330	28.29	16.07	19.28	30.30	6.06		
BAWANA CCGT	1371	80	1097	38.91	22.50	27.19	9.13	2.28		
EDWPCL(WEP)	12	49	6	0.00	100.00	0.00	0.00	0.00		
Bawana(WEP)	24	100	24	41.81	23.90	29.20	5.09	0.00		
TOWMCL(WEP)	13	97	12.63	50.00	0.00	47.15	0.00	0.00	0.00	
<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(Meja6)			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				
Meja-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 MAY 2022**

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	DMSWL	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	23.20.08	37	264	798	18	0	19	1136	4192	4991	-799	5328	0	5328
2	23.30.47	37	259	829	15	0	18	1158	5089	5121	-32	6247	0	6247
3	23.13.03	37	151	915	19	0	17	1139	5098	5191	-93	6237	0	6237
4	00.00.05	37	151	918	18	0	11	1135	4994	5284	-290	6129	0	6129
5	23.24.36	38	153	315	19	0	8	533	4876	4869	7	5409	0	5409
6	15.33.54	36	147	374	18	0	8	583	4966	4981	-15	5549	0	5549
7	23.19.34	38	153	473	18	0	-1	681	4838	4869	-31	5519	0	5519
8	23.24.46	37	151	479	19	0	7	693	5140	5244	-104	5833	0	5833
9	23.09.55	37	151	607	19	0	7	821	5330	5259	71	6151	0	6151
10	15.10.50	35	146	483	19	0	7	690	5580	5504	76	6270	0	6270
11	23.18.32	20	151	481	19	0	17	688	5908	5904	4	6596	0	6596
12	23.07.33	29	271	305	16	0	17	638	6162	6224	-62	6800	0	6800
13	23.25.58	22	266	303	19	0	19	629	6200	6192	8	6829	0	6829
14	00.00.06	23	267	304	19	0	18	631	6089	5913	176	6720	0	6720
15	23.36.07	34	266	295	18	0	18	631	6101	6198	-97	6732	0	6732
16	00.01.01	34	264	295	18	0	17	628	6060	6034	26	6688	0	6688
17	23.33.05	34	268	309	19	0	19	649	6137	6081	56	6786	0	6786
18	15.16.21	34	269	39	15	0	18	375	6290	6154	136	6665	0	6665
19	23.24.51	34	283	306	18	0	17	658	6412	6282	130	7070	0	7070
20	15.30.00	29	272	291	14	0	17	623	6212	6353	-141	6835	0	6835
21	00.07.33	34	266	304	18	0	17	640	5793	5785	8	6433	0	6433
22	23.39.53	34	262	269	19	0	17	601	5494	5358	136	6095	0	6095
23	00.00.01	34	267	268	13	0	19	601	5451	5317	134	6052	0	6052
24	15.22.27	34	151	303	13	0	18	519	4303	4305	-2	4822	0	4822
25	15.22.27	34	105	303	13	0	18	473.18	4303	4305	-2	4776	10	4786
26	23.22.49	34	149.7	309	19	0	16	527.7	4686	4617	69	5214	0	5214
27	15.31.42	34	145	399	18	0	16	612	5299	5205	94	5911	0	5911
28	23.21.46	34	150	301	19	0	19	523	5716	5503	213	6239	0	6239
29	00.00.50	34	151	304	17	0	16	522	5450	5974	-524	5972	0	5972
30	15.18.37	34	144	298	19	0	7	502	5959	5866	93	6461	0	6461
31	23.10.05	31	146	296	19	0	8	500	5656	5518	138	6156	0	6156

**POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING MAY 2022**

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	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	23.20.08	37	264	798	18	0	19	1136	4192	4991	-799	5328	0	5328
2	23.30.47	37	259	829	15	0	18	1158	5089	5121	-32	6247	0	6247
3	23.13.03	37	151	915	19	0	17	1139	5098	5191	-93	6237	0	6237
4	00.00.05	37	151	918	18	0	11	1135	4994	5284	-290	6129	0	6129
5	23.24.36	38	153	315	19	0	8	533	4876	4869	7	5409	0	5409
6	15.33.54	36	147	374	18	0	8	583	4966	4981	-15	5549	0	5549
7	23.19.34	38	153	473	18	0	-1	681	4838	4869	-31	5519	0	5519
8	23.24.46	37	151	479	19	0	7	693	5140	5244	-104	5833	0	5833
9	23.09.55	37	151	607	19	0	7	821	5330	5259	71	6151	0	6151
10	15.10.50	35	146	483	19	0	7	690	5580	5504	76	6270	0	6270
11	23.18.32	20	151	481	19	0	17	688	5908	5904	4	6596	0	6596
12	23.07.33	29	271	305	16	0	17	638	6162	6224	-62	6800	0	6800
13	23.25.58	22	266	303	19	0	19	629	6200	6192	8	6829	0	6829
14	00.00.06	23	267	304	19	0	18	631	6089	5913	176	6720	0	6720
15	23.36.07	34	266	295	18	0	18	631	6101	6198	-97	6732	0	6732
16	00.01.01	34	264	295	18	0	17	628	6060	6034	26	6688	0	6688
17	23.33.05	34	268	309	19	0	19	649	6137	6081	56	6786	0	6786
18	15.16.21	34	269	39	15	0	18	375	6290	6154	136	6665	0	6665
19	23.24.51	34	283	306	18	0	17	658	6412	6282	130	7070	0	7070
20	15.30.00	29	272	291	14	0	17	623	6212	6353	-141	6835	0	6835
21	00.07.33	34	266	304	18	0	17	640	5793	5785	8	6433	0	6433
22	23.39.53	34	262	269	19	0	17	601	5494	5358	136	6095	0	6095
23	00.00.01	34	267	268	13	0	19	601	5451	5317	134	6052	0	6052
24	15.22.27	34	151	303	13	0	18	519	4303	4305	-2	4822	0	4822
25	15.22.27	34	105	303	13	0	18	473.18	4303	4305	-2	4776	10	4786
26	23.22.49	34	149.7	309	19	0	16	527.7	4686	4617	69	5214	0	5214
27	15.31.42	34	145	399	18	0	16	612	5299	5205	94	5911	0	5911
28	23.21.46	34	150	301	19	0	19	523	5716	5503	213	6239	0	6239
29	00.00.50	34	151	304	17	0	16	522	5450	5974	-524	5972	0	5972
30	15.18.37	34	144	298	19	0	7	502	5959	5866	93	6461	0	6461
31	23.10.05	31	146	296	19	0	8	500	5656	5518	138	6156	0	6156

**SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR MAY 2022**

(ALL FIGURES IN MUS)

<b>GENERATION WITHIN DELHI</b>	<b>AVAILABILITY</b>	<b>SCHEDULE</b>
Rajghat Power House	0.000	0.000
Gas Turbine	62.334	26.239
Pragati-I	221.509	150.780
Pragati-III (Bawana)	882.295	288.203
Rithala	0.000	0.000
Badarpur	0.000	0.000
Renewable (include WTE)	21.832	21.832
<b>TOTAL DELHI GEN.</b>	<b>1187.970</b>	<b>487.053</b>

<b>NAME OF STATION</b>	<b>AVAILABILITY</b>	<b>SCHEDULE</b>
SINGRAULI STPS	87.150	86.874
RIHAND STPS	64.148	61.564
DADRI TPS	514.994	0.000
UNCHAHAAR-I TPS	7.869	7.459
UNCHAHAAR-II TPS	29.581	25.892
ANTA GPP-GF	18.818	0.000
ANTA GPP-LF	0.000	0.000
ANTA GPP-RF	0.000	0.000
ANTA CRF	0.000	0.000
AURAIYA GPP-GF	49.468	0.000
AURAIYA GPP-LF	0.000	0.011
AURAIYA GPP-RF	0.000	0.017
AURAIYA CRF	0.000	0.239
DADRI GPP-GF	44.767	0.000
DADRI GPP-LF	0.000	0.000
DADRI GPP-RF	0.000	2.837
DADRI CRF	0.000	0.608
BAIRASIUL HEP	6.368	6.368
SALAL HEP	44.113	44.113
TANAKPUR HEP	3.358	3.358
CHAMERA HEP	13.751	13.751
URI HEP	37.789	37.789
NATHPA JHAKRI HEP	68.244	68.244
CHAMERA HEP-II	21.635	21.635
RIHAND-II STPS	88.842	83.909
DHAULIGANGA HEP	14.073	14.073
TEHRI HEP	13.612	13.612
UNCHAHAAR-III TPS	20.341	18.326
DULHASTI HEP	35.937	35.937

<b>NAME OF STATION</b>	<b>AVAILABILITY</b>	<b>SCHEDULE</b>
DADRI II	502.284	412.384
SEWA-II	4.730	4.730
jhajjar	117.639	423.542
NAPP	11.184	11.184
RAPP C	37.777	37.777
RAPPB_4 C	0.000	0.000
KOTESWAR	10.581	10.581
SASAN	306.181	302.882
CHAMERA III	16.032	16.032
RIHAND3	96.351	90.689
KAHALGAON1	29.376	26.083
KAHALGAON2	109.251	98.718
TALA	4.794	4.794
FARAKA	9.503	9.503
URI 2 HEP	23.233	23.233
Parvati3	5.226	5.226
Koldam	0.000	0.000
SINGRAULI SHEP	0.415	0.415
UNCHAHAR - IV TPS	0.000	0.000
TALCHER (BTPS)	11.035	0.000
Nabinagar STPS(BRBCL)	3.114	8.960
<b>TOTAL ISGS</b>	<b>2483.566</b>	<b>2033.350</b>
LTA	796.045	796.045
<b>TOTAL (ISGS + LTA)</b>	<b>3279.612</b>	<b>2829.396</b>
<b>TOTAL AVAILABILITY</b>	<b>4467.581</b>	<b>3316.449</b>
BILATERAL PURCHASE	757.798	757.798

**8. SHEDDING DETAILS DURING THE MONTH OF MAY 2022.**

**ALL FIGURES IN MUs**

DATE	No. of Under Freq. Relay Operated	Shedding due to under frequency relay operation in MUs					Shedding due to Grid Restrictions (Over drawal / low freq.)				
		BSES		TPDDL	NDMC	TOTAL	BSES		TPDDL	NDMC	MES
		BYPL	BRPL				BYPL	BRPL			
1	2	3	4	5	6	7=3 to 6	8	9	10	11	12
01.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.05.22	1	0.0002	0.000	0.000	0.000	0.0002	0.000	0.000	0.000	0.000	0.000
31.05.22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>TOTAL</b>	1	0.0002	0.000	0.000	0.000	0.0002	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 DEVIATION			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				
<b>1</b>	13	14	15	16	17	18	19	20	21	22	23	24=8 to 23	25=7+24
01.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.05.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0002
31.05.22	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>0.0002</b>



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		
<b>1</b>	26	27	28	29	<b>30</b>	31	32	33	34
01.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000
02.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
03.05.22	0.0010	0.0000	0.0013	0.0000	0.0000	0.0000	0.0000	0.0019	0.0000
04.05.22	0.0000	0.0000	0.0278	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000
05.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000
06.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
07.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0032	0.0000	0.0001	0.0000
08.05.22	0.0006	0.0026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0025	0.0000
09.05.22	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0024	0.0000
11.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000
13.05.22	0.0004	0.0070	0.0034	0.0000	0.0000	0.0000	0.0000	0.0022	0.0000
14.05.22	0.0112	0.0151	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.05.22	0.0000	0.0503	0.0116	0.0000	0.0000	0.0015	0.0000	0.0000	0.0000
16.05.22	0.0000	0.0030	0.0000	0.0000	0.0000	0.0022	0.0000	0.0006	0.0000
17.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0020	0.0000
18.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0025	0.0000	0.0027	0.0000
19.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.05.22	0.0062	0.0000	0.0080	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.05.22	0.0199	0.0176	0.0290	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
22.05.22	0.0095	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.05.22	0.0333	0.0526	0.0276	0.0000	0.0000	0.0000	0.0017	0.0039	0.0000
24.05.22	0.0000	0.0068	0.0000	0.0000	0.0000	0.0000	0.0000	0.0017	0.0000
25.05.22	0.0000	0.0021	0.0000	0.0000	0.0000	0.1066	0.0000	0.0059	0.0000
26.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
27.05.22	0.0341	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0024	0.0000
29.05.22	0.0037	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000
30.05.22	0.0740	0.0170	0.0000	0.0000	0.0000	0.0000	0.0000	0.0180	0.0000
31.05.22	0.0000	0.0051	0.0000	0.0000	0.0000	0.0000	0.0000	0.0055	0.0000
<b>TOTAL</b>	<b>0.1938</b>	<b>0.1801</b>	<b>0.1094</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1160</b>	<b>0.0023</b>	<b>0.0550</b>	<b>0.0000</b>

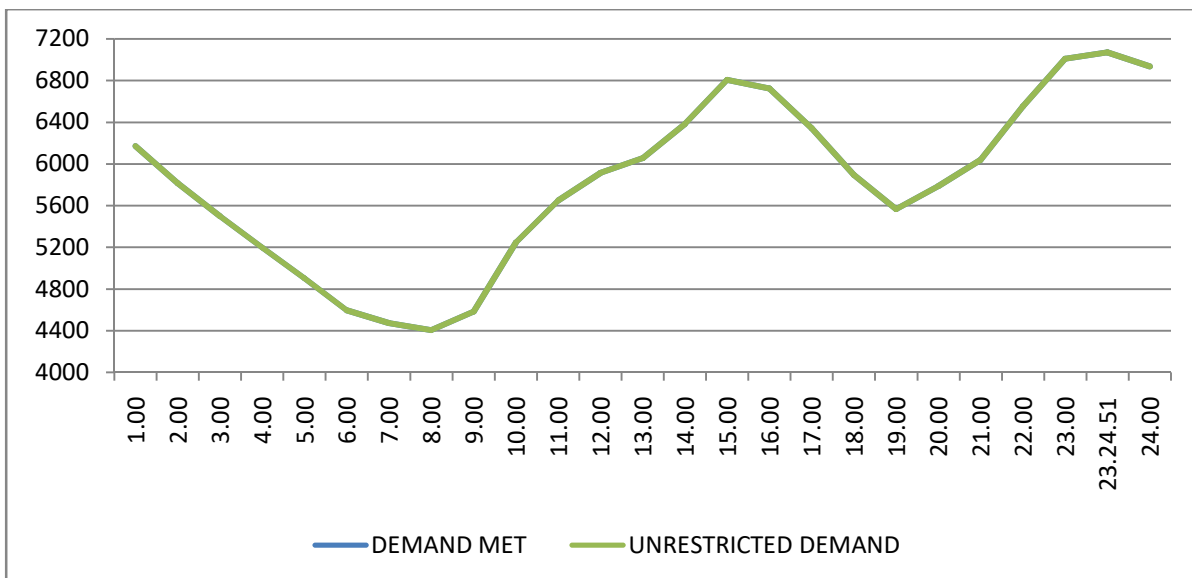
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE 42= 26 to 41	GRAND TOTAL 43 = 25 + 42
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41		
01.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0004
02.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
03.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0042	0.0042
04.05.22	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0294	0.0294
05.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0002
06.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
07.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0033	0.0033
08.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0057	0.0057
09.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0008
10.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0024	0.0024
11.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.05.22	0.0000	0.0000	0.0025	0.0000	0.0000	0.0000	0.0000	0.0030	0.0030
13.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0129	0.0129
14.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0265	0.0265
15.05.22	0.0000	0.0000	0.0012	0.0000	0.0000	0.0000	0.0000	0.0647	0.0647
16.05.22	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0064	0.0064
17.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0027	0.0027
18.05.22	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0055	0.0055
19.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.05.22	0.0000	0.0014	0.0005	0.0000	0.0000	0.0000	0.0000	0.0161	0.0161
21.05.22	0.0000	0.0000	0.0023	0.0000	0.0000	0.0000	0.0000	0.0689	0.0689
22.05.22	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0104	0.0104
23.05.22	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.1195	0.1195
24.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0085	0.0085
25.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0985	0.1146
26.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
27.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0341	0.0341
28.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0024	0.0024
29.05.22	0.0000	0.0000	0.0025	0.0000	0.0000	0.0000	0.0000	0.0068	0.0068
30.05.22	0.0000	0.0000	0.0015	0.0000	0.0000	0.0000	0.0000	0.1105	0.1107
31.05.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0106	0.0106
<b>TOTAL</b>	<b>0.0000</b>	<b>0.0030</b>	<b>0.0108</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.6704</b>	<b>0.6706</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
01.05.22	118.479	6048	23:20:08	0	6048	6048	23:20:08	6048	0
02.05.22	126.585	6247	23:30:47	0	6247	6247	23:30:47	6247	0
03.05.22	123.345	6237	23:13:03	0	6237	6237	23:13:03	6237	0
04.05.22	121.425	6129	0:00:05	0	6129	6129	0:00:05	6129	0
05.05.22	106.489	5409	23:24:36	0	5409	5409	23:24:36	5409	0
06.05.22	112.590	5549	15:33:54	0	5549	5549	15:33:54	5549	0
07.05.22	110.764	5519	23:19:34	0	5519	5519	23:19:34	5519	0
08.05.22	110.922	5833	23:24:46	0	5833	5833	23:24:46	5833	0
09.05.22	123.961	6151	23:09:55	0	6151	6151	23:09:55	6151	0
10.05.22	126.395	6270	15:10:50	0	6270	6270	15:10:50	6270	0
11.05.22	130.048	6596	23:18:32	0	6596	6596	23:18:32	6596	0
12.05.22	136.553	6800	23:07:33	0	6800	6800	23:07:33	6800	0
13.05.22	134.911	6829	23:25:58	0	6829	6829	23:25:58	6829	0
14.05.22	132.213	6720	0:00:06	0	6720	6720	0:00:06	6720	0
15.05.22	126.403	6732	23:36:07	0	6732	6732	23:36:07	6732	0
16.05.22	131.608	6688	0:01:01	0	6688	6688	0:01:01	6688	0
17.05.22	133.723	6786	23:33:05	0	6786	6786	23:33:05	6786	0
18.05.22	136.739	6665	15:16:21	0	6665	6665	15:16:21	6665	0
19.05.22	137.712	7070	23:24:51	0	7070	7070	23:24:51	7070	0
20.05.22	142.022	6835	15:30:00	0	6835	6835	15:30:00	6835	0
21.05.22	128.896	6433	0:07:33	0	6433	6433	0:07:33	6433	0
22.05.22	116.444	6095	23:39:53	0	6095	6095	23:39:53	6095	0
23.05.22	99.398	6052	0:00:01	0	6052	6052	0:00:01	6052	0
24.05.22	91.783	4520	16:39:47	0	4520	4520	16:39:47	4520	0
25.05.22	100.438	4822	15:22:27	10	4832	4832	15:22:27	4822	10
26.05.22	104.147	5214	23:22:49	0	5214	5214	23:22:49	5214	0
27.05.22	114.273	5811	15:31:42	0	5811	5811	15:31:42	5811	0
28.05.22	129.130	6239	23:21:46	0	6239	6239	23:21:46	6239	0
29.05.22	120.368	5972	0:00:50	0	5972	5972	0:00:50	5972	0
30.05.22	123.096	6461	15:18:37	0	6461	6461	15:18:37	6461	0
31.05.22	122.222	6173	23:10:05	0	6173	6173	23:10:05	6173	0
<b>TOTAL</b>		<b>6835</b>	15.30.00		<b>6835</b>	<b>15.30.00</b>			
		<b>20.05.2022</b>			<b>20.05.00</b>				

9. **LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING MAY 2022 ON 19.05.2022 - 7070 MW AT 23.24.51HRS.**

All figures in MW

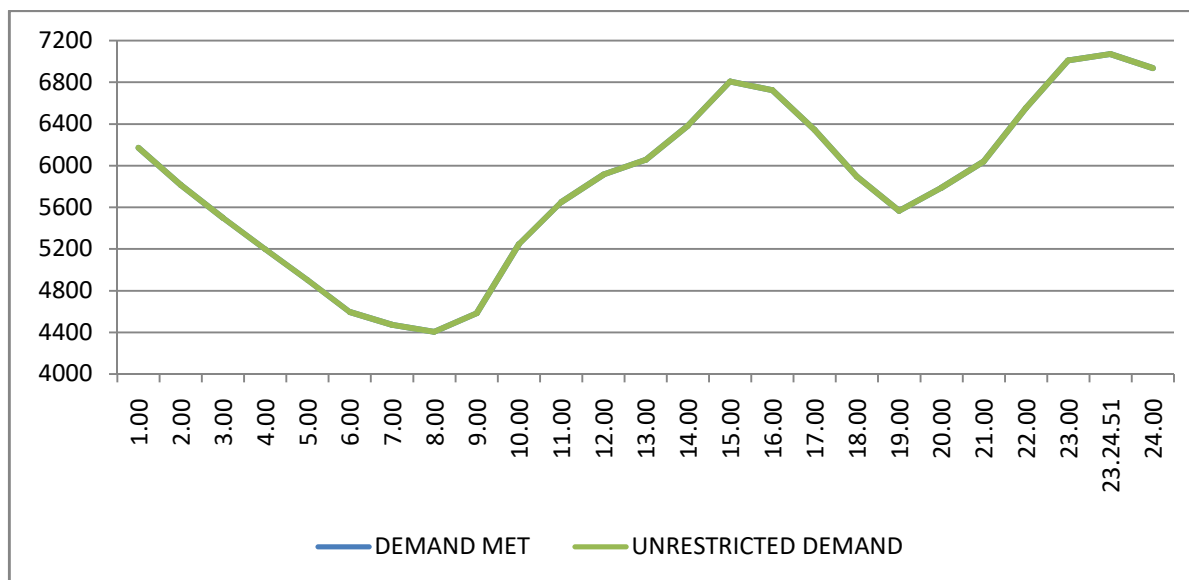
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	6171	0	6171
2.00	5813	0	5813
3.00	5497	0	5497
4.00	5198	0	5198
5.00	4901	0	4901
6.00	4595	0	4595
7.00	4473	0	4473
8.00	4405	0	4405
9.00	4583	0	4583
10.00	5245	0	5245
11.00	5648	0	5648
12.00	5913	0	5913
13.00	6054	0	6054
14.00	6383	0	6383
15.00	6805	0	6805
16.00	6723	0	6723
17.00	6343	0	6343
18.00	5895	0	5895
19.00	5566	0	5566
20.00	5785	0	5785
21.00	6038	0	6038
22.00	6551	0	6551
23.00	7007	0	7007
23.24.51	7070	0	7070
24.00	6936	0	6936
<b>Total (IN MUS)</b>	<b>137.712</b>	<b>0.000</b>	<b>137.712</b>



**10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING MAY 2022 ON 19.02.2022 - 7070MW AT 23.24.51HRS.**

**All figures in MW**

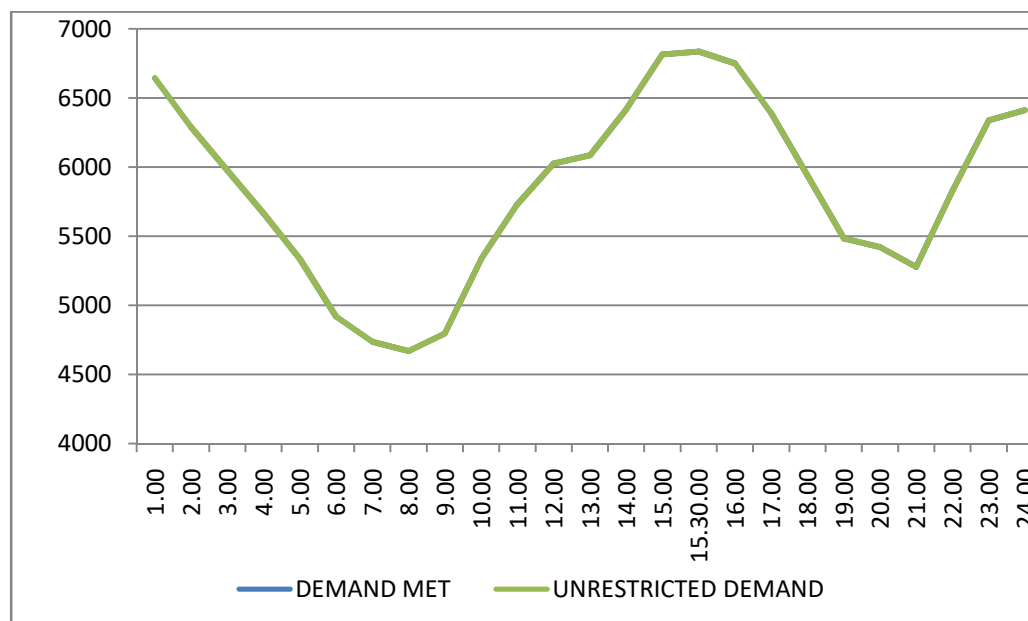
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	6171	0	6171
2.00	5813	0	5813
3.00	5497	0	5497
4.00	5198	0	5198
5.00	4901	0	4901
6.00	4595	0	4595
7.00	4473	0	4473
8.00	4405	0	4405
9.00	4583	0	4583
10.00	5245	0	5245
11.00	5648	0	5648
12.00	5913	0	5913
13.00	6054	0	6054
14.00	6383	0	6383
15.00	6805	0	6805
16.00	6723	0	6723
17.00	6343	0	6343
18.00	5895	0	5895
19.00	5566	0	5566
20.00	5785	0	5785
21.00	6038	0	6038
22.00	6551	0	6551
23.00	7007	0	7007
23.24.51	7070	0	7070
24.00	6936	0	6936
<b>Total (IN MUS)</b>	<b>137.712</b>	<b>0.000</b>	<b>137.712</b>



11 **LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING MAY 2022 – 20.05.2022 – 142.022 Mus**

All figures in MW

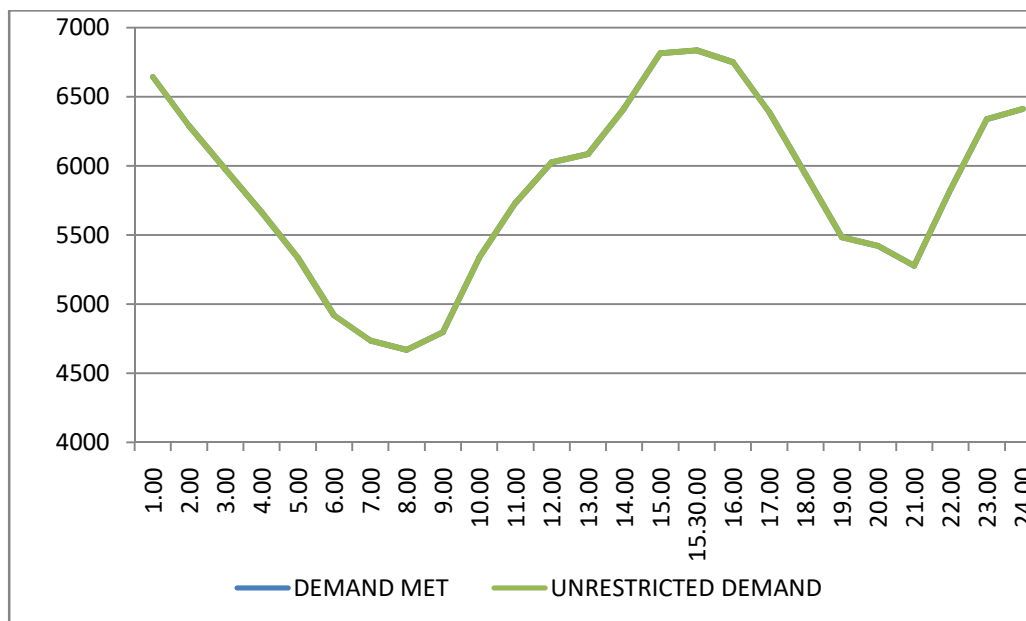
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	6642	0	6642
2.00	6288	0	6288
3.00	5976	0	5976
4.00	5665	0	5665
5.00	5335	0	5335
6.00	4920	0	4920
7.00	4737	0	4737
8.00	4670	0	4670
9.00	4797	0	4797
10.00	5336	0	5336
11.00	5730	0	5730
12.00	6024	0	6024
13.00	6085	0	6085
14.00	6415	0	6415
15.00	6815	0	6815
15.30.00	6835	0	6835
16.00	6750	0	6750
17.00	6387	0	6387
18.00	5940	0	5940
19.00	5484	0	5484
20.00	5422	0	5422
21.00	5277	0	5277
22.00	5830	0	5830
23.00	6337	0	6337
24.00	6411	0	6411
<b>Total (IN MUS)</b>	<b>142.022</b>	<b>0.018</b>	<b>142.04</b>



**12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING MAY 2022 - ON 20.05.22- 142.040-MUs**

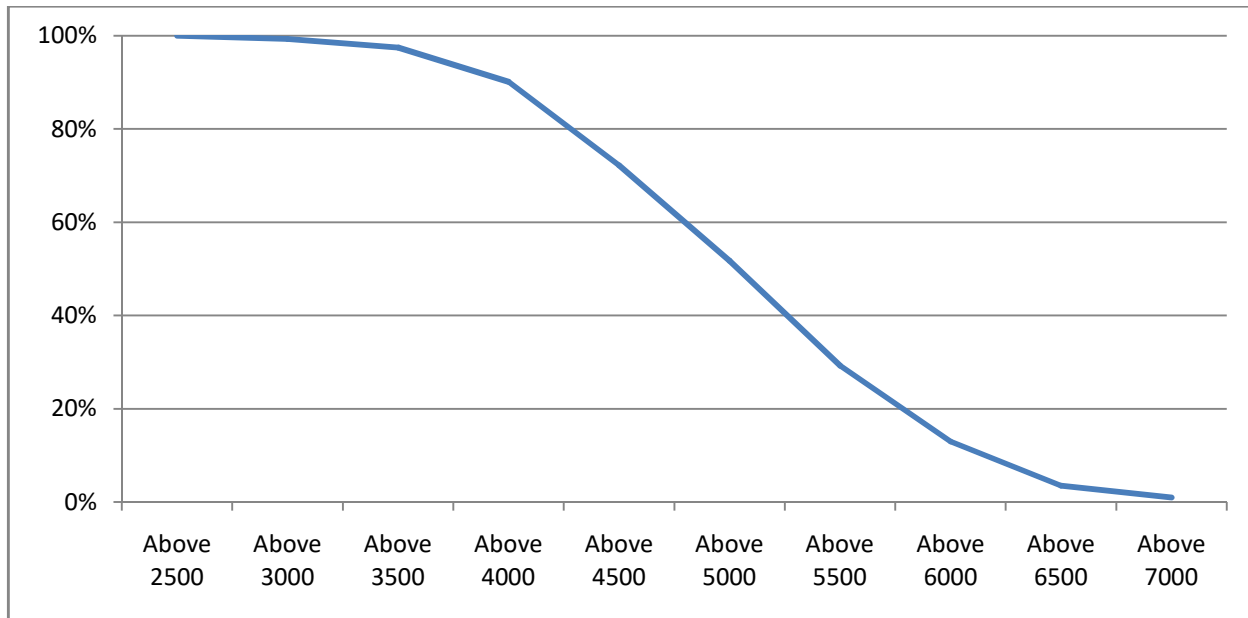
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	6642	0	6642
2.00	6288	0	6288
3.00	5976	0	5976
4.00	5665	0	5665
5.00	5335	0	5335
6.00	4920	0	4920
7.00	4737	0	4737
8.00	4670	0	4670
9.00	4797	0	4797
10.00	5336	0	5336
11.00	5730	0	5730
12.00	6024	0	6024
13.00	6085	0	6085
14.00	6415	0	6415
15.00	6815	0	6815
15.30.00	6835	0	6835
16.00	6750	0	6750
17.00	6387	0	6387
18.00	5940	0	5940
19.00	5484	0	5484
20.00	5422	0	5422
21.00	5277	0	5277
22.00	5830	0	5830
23.00	6337	0	6337
24.00	6411	0	6411
<b>Total (IN MUS)</b>	<b>142.022</b>	<b>0.018</b>	<b>142.04</b>



### 13 LOAD DURATION CURVE FOR MAY 2022

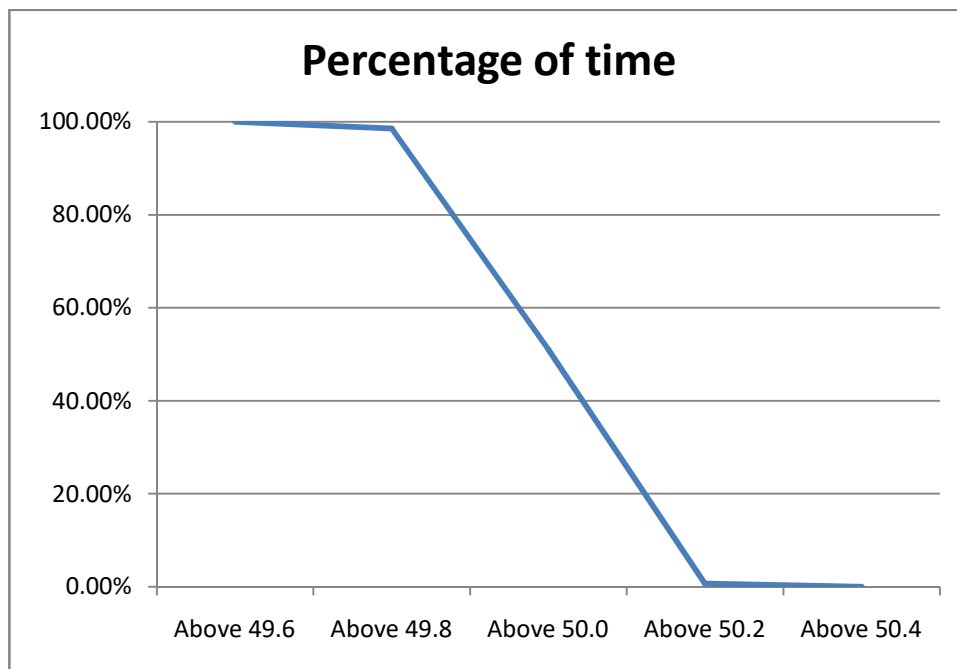
LOAD REMAINED ABOVE IN MW	(%) OF TIME
Above 2500	100%
Above 3000	99.26%
Above 3500	97.41%
Above 4000	90.12%
Above 4500	72.18%
Above 5000	51.75%
Above 5500	29.23%
Above 6000	12.97%
Above 6500	3.49%
Above 7000	1.00%





**14 FREQUENCY ANALYSIS FOR THE MONTH OF MAY 2022**

<b>FREQUENCY REMAINED ABOVE IN HZ</b>	<b>(%) OF TIME</b>
Above 49.6	100.00%
Above 49.8	98.55%
Above 50.0	50.99%
Above 50.2	0.71%
Above 50.4	0.00%



**15 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING MAY 2022**

**All figures in kV**

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.05.22	229.3	216.0	233.7	221.8
02.05.22	225.6	214.8	231.0	218.0
03.05.22	226.6	215.4	230.8	217.8
04.05.22	228.9	214.9	232.6	213.6
05.05.22	227.3	215.6	231.1	219.6
06.05.22	225.6	216.4	231.7	216.6
07.05.22	225.8	217.0	231.9	222.7
08.05.22	227.4	217.2	235.0	221.6
09.05.22	225.6	214.8	230.7	218.6
10.05.22	226.8	214.3	231.8	218.9
11.05.22	226.0	214.4	232.8	219.1
12.05.22	226.2	211.8	231.7	216.9
13.05.22	226.2	212.3	229.7	216.9
14.05.22	225.2	214.0	229.3	217.9
15.05.22	224.9	214.9	230.8	219.7
16.05.22	225.3	214.9	227.3	215.9
17.05.22	227.0	214.2	231.6	217.2
18.05.22	226.6	214.9	231.1	218.3
19.05.22	228.3	214.8	230.7	216.6
20.05.22	225.5	213.5	229.2	214.6
21.05.22	227.4	213.0	232.1	218.1
22.05.22	229.1	215.3	234.0	220.2
23.05.22	235.5	216.8	242.6	222.4
24.05.22	230.6	216.0	234.9	215.4
25.05.22	227.5	218.5	230.0	219.0
26.05.22	227.8	217.7	231.9	220.1
27.05.22	226.6	216.9	230.3	217.4
28.05.22	227.8	215.0	226.1	213.4
29.05.22	227.8	214.8	229.5	216.7
30.05.22	227.4	210.6	229.7	212.8
31.05.22	224.9	212.8	225.4	212.8

**16 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING MAY 2022**

**All figures in kV**

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.05.22	416.4	8:05:27	391.3	23:08:42	405.0
02.05.22	414.8	18:36:20	390.1	11:32:21	402.7
03.05.22	417.6	6:30:40	392.4	22:27:37	403.3
04.05.22	419.3	18:05:04	394.5	11:22:58	405.4
05.05.22	413.2	18:04:35	395.5	23:06:54	405.7
06.05.22	415.2	8:02:56	397.6	10:53:16	406.3
07.05.22	414.2	18:05:02	396.0	10:08:32	406.7
08.05.22	417.6	7:31:20	397.3	23:18:37	407.7
09.05.22	415.6	7:00:23	392.9	10:27:55	405.4
10.05.22	418.0	7:02:22	396.2	10:53:35	406.1
11.05.22	418.0	6:58:28	392.8	12:44:17	404.8
12.05.22	420.8	7:16:56	393.0	10:20:06	406.5
13.05.22	420.4	7:02:23	392.1	22:52:56	406.8
14.05.22	420.5	7:02:13	396.2	22:37:30	408.2
15.05.22	420.5	8:01:09	398.1	23:07:48	408.8
16.05.22	416.2	18:00:30	396.4	22:44:44	405.9
17.05.22	418.2	7:02:21	393.0	22:39:41	406.1
18.05.22	416.8	8:02:01	395.4	12:24:35	405.0
19.05.22	421.1	7:01:27	395.8	10:44:28	406.5
20.05.22	419.0	7:02:34	393.2	12:36:52	405.6
21.05.22	422.1	7:00:50	396.1	14:38:25	410.3
22.05.22	425.6	7:20:38	398.1	22:36:19	410.3
23.05.22	438.3	7:41:04	400.5	11:42:06	414.7
24.05.22	419.9	0:16:58	399.9	12:38:40	409.0
25.05.22	416.1	7:01:28	397.3	11:44:23	407.1
26.05.22	416.9	8:01:31	397.3	12:28:55	406.8
27.05.22	416.1	8:00:59	395.2	10:42:17	406.6
28.05.22	419.2	7:31:26	392.8	23:08:16	405.6
29.05.22	418.9	7:46:13	392.6	23:08:04	407.3
30.05.22	420.1	16:50:00	392.1	12:45:37	404.5
31.05.22	415.9	7:04:25	390.9	10:10:55	404.0

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.05.22	416.93	8:12:44	398.5	23:22:54	408.77
02.05.22	412.89	18:38:21	397	11:32:31	405.03
03.05.22	415.3	18:07:44	399.68	10:21:44	406.53
04.05.22	419.06	18:05:27	399.6	11:47:55	408.89
05.05.22	411.9	18:33:50	399.36	23:04:05	407.68
06.05.22	413.07	8:02:53	399.45	11:36:35	406.55
07.05.22	411.48	18:05:37	397.91	22:45:12	405.92
08.05.22	415.46	16:48:25	400.76	23:15:15	407.6
09.05.22	412.88	6:59:08	395.09	10:27:28	405.57
10.05.22	412.3	7:02:23	395.84	10:52:18	404.72
11.05.22	412.2	18:03:01	394.33	12:42:36	404.16
12.05.22	413.99	7:29:53	393.77	11:43:29	405.27
13.05.22	412.89	7:02:33	394.06	11:40:21	404.25
14.05.22	414.34	8:04:32	396.19	12:43:59	406.67
15.05.22	415.12	18:01:45	401.32	12:14:24	408.07
16.05.22	414.67	18:16:50	397.72	10:52:04	406.29
17.05.22	413.66	8:02:53	395.07	11:20:02	405.41
18.05.22	411.86	8:01:46	395.21	12:23:31	404.83
19.05.22	414.95	7:31:20	394.51	10:44:50	405.83
20.05.22	413.5	7:03:17	393.51	12:36:53	404.72
21.05.22	417.19	7:02:40	394.29	14:39:36	408.53
22.05.22	419.41	7:18:34	401.03	13:52:30	408.71
23.05.22	433.57	8:41:01	401.59	13:49:31	414.23
24.05.22	423.24	3:01:01	398.94	11:29:03	410.21
25.05.22	418.42	7:01:22	400.27	11:29:29	409.52
26.05.22	420.08	8:01:45	399.71	22:19:41	409.13
27.05.22	414.73	8:00:49	395.22	15:04:16	405.66
28.05.22	415.24	8:02:49	392.54	14:24:24	403.28
29.05.22	417.16	7:46:44	398.94	12:13:48	407.33
30.05.22	415.84	16:49:36	390.22	12:26:23	403.39
31.05.22	414.77	7:04:23	390.14	11:11:56	401.23

## DETAILS OF BREAK-DOWNS/TRIPPING DURING THE MONTH OF MAY 2022

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	1.5.22	10:43	220KV GAZIPUR - MAHARANIBAGH CKT. -II	1.5.22	12:02	Ckt tripped of on showing below mentioned relay Indications At Maharani Bagh End :- B phase differential , 86
2	3.5.22	9:22	GEETA COLONY 220/33kv 100MVA Tx-II	3.5.22	10:20	Transformer tripped off on Bucholz , 86
3	3.5.22	10:01	GOPALPUR 220/66kv 160MVA Tx	3.5.22	10:16	Transformer tripped off on without Indication
4	8.5.22	18:35	INDRAPRASTHA POWER 33kv ELECTRIC LANE CKT (BAY-10)	9.5.22	15:10	DAMAGED B PHASE DISC INSULATOR.
5	8.5.22	18:35	INDRAPRASTHA POWER 220/33kv 100MVA Tx-II	8.5.22	19:05	E/F
6	8.5.22	18:35	INDRAPRASTHA POWER 220/33kv 100MVA Tx-I	8.5.22	19:05	E/F.
7	9.5.22	6:04	LODHI RD 33/11kv, 20MVA Tx-II	9.5.22	6:15	E/F
8	9.5.22	18:25	KANJHAWALA 66/11kv, 20MVA Tx-I	10.5.22	11:45	86
9	10.5.22	11:48	KANJHAWALA 66/11kv, 20MVA Tx-I	10.5.22	0:00	DIFFERENTIAL, 86.
10	10.5.22	18:06	220KV WAZIRABAD - MANDOLA CKT-III	10.5.22	18:56	AT MANDOLA : CB TRIP.
11	10.5.22	18:06	220KV WAZIRABAD - MANDOLA CKT-I	10.5.22	20:28	AT MANDOLA : DIST PROT, Y&B PHASE, DIST 11.0KM. AT WAZIRABAD : DIST PROT,Y&B PHASE, ZONE-I, DIST 2.74KM, 86ABC.
12	13.5.22	6:20	SUBZI MANDI 33/11kv, 16MVA Tx-II	13.5.22	6:45	86
13	13.5.22	6:20	SUBZI MANDI 33/11kv, 16MVA Tx-I	13.5.22	0:00	86
14	13.5.22	10:30	INDRAPRASTHA POWER 220/33kv 100MVA Tx-I	13.5.22	13:10	E/F.
15	13.5.22	12:58	220kv BAMNAULI-PAPPANKALAN-II CKT-II	13.5.22	15:55	AT BAMNAULI : DIST PROT, ZONE-I, DIST 8.6KM.
16	14.5.22	18:02	PARKSTREET 220/66kv 100MVA Tx-II	14.5.22	18:54	O/C, E/F.
17	14.5.22	18:02	PARKSTREET 66/33kv, 30MVA Tx-I	14.5.22	23:05	O/C, E/F.
18	14.5.22	18:02	PARKSTREET 220/66kv 100MVA Tx-I	15.5.22	17:10	O/C, E/F.
19	15.5.22	14:20	220kv DSIIDC BAWANA-NARELA CKT-I	15.5.22	19:05	AT NARELA : DIST PROT, ZONE-I, 86.
20	15.5.22	21:26	400kv Dadri-Harsh Vihar Ckt-I	15.5.22	23:25	AT HARSH VIHAR : DIST PROT, ZONE-I, DIST 0.1JN,
21	16.5.22	9:35	OKHLA 66/11kv, 20MVA Tx-I	16.5.22	10:50	86
22	17.5.22	18:40	220kv MAHARANI BAGH - SARITA VIHAR CKT	17.5.22	0:00	AT MAHARANI BAGH : DIST PROT, ZONE-I, DIST 2.4KM.
23	19.5.22	16:08	220kv MAHARANI BAGH - SARITA VIHAR CKT	20.5.22	12:55	AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 5.502KM. AT MAHARANI BAGH : DIST PROT, DIST 4.9KM.
24	20.5.22	5:19	RAJGHAT 220/33kv 100MVA Tx-I	20.5.22	5:45	O/C, E/F
25	20.5.22	18:57	220kv BAMNAULI-NAJAFGARH CKT-I	20.5.22	19:44	AT NAJAFGARH : DIST PROT, ZONE-I, RYB PHASE, 186. AT BAMNAULI : DIST PROT, ZONE-III, DIST 8.629KM.
26	20.5.22	21:35	220kv ROHINI-SHALIMARBAGH CKT-II	20.5.22	22:58	AT ROHINI-I : MAIN-II, B PHASE, DIFFERENTIAL TRIP, RYB PHASE.
27	20.5.22	18:55	220kv BAMNAULI - DIAL CKT-II	21.5.22	16:02	AT DIAL : DIST PROT, ZONE-II, GEN TRIP. AT BAMNAULI : DIST PROT, ZONE-I, DIST 2.59KM.
28	20.5.22	22:31	220kv GOPALPUR- MANDOLACKT-II	21.5.22	15:26	AT GOPALPUR : DIST PROT, DIST 12:38KM.
29	21.5.22	0:27	220kv PRAGATI - SARITA VIHAR CKT - I	21.5.22	13:38	AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 2.287KM, 86, 186A&B. AT PRAGATI : DIST PROT,ZONE-II, DIST 13.04KM.
30	21.5.22	11:22	NARAINA 220/33kv 100MVA Tx-III	21.5.22	19:00	BREAKER DAMAGED.
31	21.5.22	12:46	PARKSTREET 220/66kv 100MVA Tx-II	21.5.22	13:15	O/C. 86.
32	21.5.22	18:21	BAWANA 220/66kv 100MVA Tx	21.5.22	19:56	86A&B, DIFFERENTIAL.
33	21.5.22	19:21	220kv OKHLA - BTPS CKT. - II	21.5.22	22:10	AT OKHLA: DIST PROT, ZONE-I, B PHASE. AT BTPS : DIST PROT, ZONE-II, DIST 5.6K, 86.
34	21.5.22	20:31	NARAINA 220/33kv 100MVA Tx-II	21.5.22	20:59	86
35	21.5.22	20:31	NARAINA 220/33kv 100MVA Tx-I	21.5.22	20:56	86
36	22.5.22	4:05	NARAINA 33/11kv, 16MVA Tx-II	22.5.22	6:54	WTT.
37	22.5.22	20:44	PARKSTREET 220/33kv 100MVA Tx-II	22.5.22	20:58	86, O/C
38	22.5.22	20:44	PARKSTREET 220/33kv 100MVA Tx-I	22.5.22	20:58	O/C, 86.
39	23.5.22	4:20	220kv ROHINI-SHALIMARBAGH CKT-II	23.5.22	10:52	AT ROHINI-I : DIFFERENTIAL, B PHASE MAIN-I.
40	23.5.22	5:27	PARKSTREET 220/66kv 100MVA Tx-I	23.5.22	10:03	I/C-I TRIPPED ON O/C, B&B PHASE
41	23.5.22	5:42	220kv BAMNAULI-PAPPANKALAN-I CKT-II	23.5.22	15:00	AT BAMNAULI : DIST PROT, ZONE-II, B PHASE, 86ABC, DIST 7.3KM.

SL N O	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
42	23.5.22	5:50	GAZIPUR 220/66kV 160MVA Tx-I	23.5.22	12:05	TR. TRIPPED ALONGWITH 66KV I/C ON 86, O/V
43	23.5.22	6:06	220kV PRAGATI - PARK STREET CKT-I	23.5.22	13:14	AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 3.5KM, 186.
44	23.5.22	6:14	220kV MUNDKA-KANJHAWALA CKT	23.5.22	12:30	AT MUNDKA : OVER VOLTAGE.
45	23.5.22	6:19	220kV MAHARANI BAGH - LODHI ROAD CKT-II	23.5.22	10:08	AT MAHARANIBAGH :DIST PROT, ZONE-I, DIST 2.4KM, RY&B PHASE.
46	23.5.22	6:44	220kV BAMNAULI - DIAL CKT-I	23.5.22	20:25	AT BAMNAULI : DIST PROT, ZONE-I, DIST 3.45KM.
47	23.5.22	6:44	DIAL 220/66kV 160MVA Tx-I	23.5.22	8:11	OVER VOLTAGE.
48	23.5.22	7:55	220kV BAWANA-DSIIDC BAWANA CKT-I	23.5.22	11:20	AT BAWANA : DIST PROT ZONE-I, 86, RY&B PHASE
49	23.5.22	8:09	220kV MAHARANIBAGH -TRAUMA CENTER CKT-II	23.5.22	13:38	AT MAHARANI BAGH : OVER VOLTAGE
50	23.5.22	8:11	220kV MAHARANIBAGH-TRAUMA CENTER CKT-I	23.5.22	8:38	AT MAHARANI BAGH : OVER VOLTAGE
51	23.5.22	8:28	PARKSTREET 220/33kV 100MVA Tx-I	23.5.22	9:11	O/C, R&B PHASE
52	23.5.22	8:28	PARKSTREET 220/33kV 100MVA Tx-II	23.5.22	9:11	O/C, R&B PHASE
53	23.5.22	23:01	220kV Preet Vihar- Patparganj Ckt-I	24.5.22	5:30	AT PATPARGANJ : E/F.
54	24.5.22	1:08	R K PURAM 220/33KV 100MVA TR. -2	24.5.22	0:00	86
55	24.5.22	2:00	NAJAFGARH 66/11kV, 20MVA Tx-II	24.5.22	2:40	O/C, Y PHASE.
56	24.5.22	2:42	VASANT KUNJ 220/66kV 100MVA Tx-II	24.5.22	14:24	PRV
57	24.5.22	7:30	220kV Preet Vihar- Patparganj Ckt-I	24.5.22	18:55	AT PATPARGANJ : TRIPPED WITHOUT FAULT.
58	24.5.22	12:20	PAPPANKALAN-I 220/66kV 100MVA Tx-II	24.5.22	14:12	BUCHOLZ, 86B
59	24.5.22	14:38	VASANT KUNJ 220/66kV 100MVA Tx-II	24.5.22	18:25	86, PRV.
60	24.5.22	23:54	LODHI RD 33/11kV, 20MVA Tx-I	25.5.22	16:45	O/C.
61	24.5.22	23:54	LODHI RD 33/11kV, 20MVA Tx-II	25.5.22	2:36	O/C
62	25.5.22	6:08	BAMNAULI 400/220kV 500MVA ICT-III	25.5.22	10:05	BUCHOLZ, 86A&B.
63	27.5.22	20:42	400kV Dadri-Harsh Vihar Ckt-I	28.5.22	11:05	AT DADRI : DIST PROT, ZONE-I, DIST 4KM. AT HARSH VIHAR : DIST PROT, ZONE-I, DIST 32.6KM.
64	27.5.22	23:32	NARELA 220/66kV 100MVA Tx-I	28.5.22	0:14	TRIPPED WITHOUT INDICATION.
65	29.5.22	5:50	RAJGHAT 220/33kV 100MVA Tx-I	29.5.22	6:55	E/F
66	29.5.22	13:29	400kV Bawana-Mundka Ckt-II	29.5.22	14:31	AT BAWANA : DIST PROT, ZONE-I, DIST 11.07KM. AT MUNDKA : DIST PROT, ZONE-TRIP, DIST 7.83KM.
67	29.5.22	15:42	400kV Bawana-Mundka Ckt-II	29.5.22	21:29	AT MUNDKA : DIST PROT, ZONE-I, DIST 7.71KM AT BAWANA : DIST PROT, TRIP, DIST 10.95KM.
68	30.5.22	16:23	220kV PRAGATI - SARITA VIHAR CKT - I	30.5.22	17:15	AT PRAGATI : DIST PROT, DIST 3.602KM. AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 6.951KM.
69	30.5.22	16:30	ELECTRIC LANE 220/33kV 100MVA Tx-II	30.5.22	21:48	86
70	30.5.22	16:34	PARKSTREET 220/66kV 100MVA Tx-I	30.5.22	17:05	O/C, R&Y PHASE.
71	30.5.22	16:34	PARKSTREET 220/33kV 100MVA Tx-II	30.5.22	17:05	P/C, 86.
72	30.5.22	16:37	220kV GEETA COLONY- PATPARGANJ CKT-I	30.5.22	18:02	AT 220 kV PATPARGANJ: DISTANCE PROT, DIST-1.986KM, A Phase.
73	30.5.22	16:41	220kV WAZIRABAD-GEETA COLONY CKT-I	30.5.22	17:33	AT WAZIRABAD : DIST PROT, ZONE-II, III, 86.
74	30.5.22	16:42	220kV MAHARANI BAGH - SARITA VIHAR CKT	30.5.22	18:58	AT 220 kV MAHARANI BAGH: GEN. TRIP, ZONE-II, DISTANCE PROT, DIST-3.8KM
75	30.5.22	16:45	220kV WAZIRABAD-GEETA COLONY CKT-II	30.5.22	17:23	AT WAZIRABAD : DIST PROT, ZONE-I, II, III, DIST 117.5MTS.
76	30.5.22	16:46	220kV WAZIRABAD - KASHMEREGATE CKT-I	30.5.22	19:21	AT KASHMIRI GATE : DIFFERENTIAL, B PHASE.
77	30.5.22	16:47	OKHLA 220/66kV 100MVA Tx-II	30.5.22	18:20	86, SPR.
78	30.5.22	17:22	GEETA COLONY 220/33kV 100MVA Tx-I	30.5.22	19:30	E/F.
79	31.5.22	8:50	SUBZI MANDI 33/11kV, 16MVA Tx-I	31.5.22	18:00	86
80	31.5.22	10:51	NARAINA 220/33kV 100MVA Tx-II	31.5.22	11:52	86
81	31.5.22	14:12	400kV Bawana-Mundka Ckt-II	31.5.22	19:29	AT BAWANA : DIST PROT, ZONE-I, DIST 3.05KM, R&B PHASE.

**18      DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF MAY 2022**

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
30.05.22	1	16.46	16.49	I.P.STN.	33kV DEFENCE COLONY (BAY NO 24)	DF/DT	4.3