

DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

SEPTEMBER 2021

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SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	SEPT 2020	SEPT. 2021
1	Effective Generation Capacity within Delhi in MW		
	Rajghat Power House	135	135
	Gas Turbine	270	270
	Pragati Power Corporation Ltd.	330	330
	Bawana CCGT	1372	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	Maximum Unrestricted Demand (MW)	6231	5548
	Date	18.09.021	07.09.21
	Time	22:57:40	15:37:55
3	Peak Demand met (MW)	6231	5548
	Date	18.09.021	07.09.21
	Time	22:57:40	15:37:55
4	Peak Availability (MW)	6204	5437
5	Shortage (-) / Surplus (+) in MW	(-) 27	(-)111
6	Percentage Shortage (-) / Surplus (+)	(-) 0.43	(-) 2.00
7	Maximum Energy Consume in a day (Mus)	126.646	114.355
8	Energy Consumed during the month	3342.312	3024.735
9	Load Shedding in Mus		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.000	0.000
ii)	Manual Load shedding from DTL S/Stns.	0.000	0.000
iii)	Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation		
	TPDDL	0.000	0.108
	BRPL	0.000	0.000
	BYPL	0.000	0.000
	NDMC	0.000	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.000	0.000
	Total due to Grid Restriction	0.000	0.108
B)	Due to Constraints in System in Mus		
	DTL	0.148	0.217
	TPDDL	0.027	0.034
	BRPL	0.123	0.114
	BYPL	0.008	0.016
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.001	0.005
	Total	0.307	0.387
10	Grand Total in Mus	0.307	0.494

2. **PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING SEPT 2021**

A) **For the month of Sept 2021**

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	0.000	-0.399	-0.399	0.00	0.360
3.	PPCL	104.985	-2.535	102.45	70.41	59.553
4.	Bawana	259.521	-10.208	249.313	63.33	419.806
5.	Towmcl	14.777	-2.172	12.605	--	--
6.	EDWPCL	0.842	-0.657	0.185	--	--
7.	DMSWL	13.455	-2.045	11.410	--	--
	TOTAL	393.58	-18.136	375.444		

B) **For the Year 2021-22 (Upto September 2021)**

Power Station	Effective Capacity (MW)	Net Generation in MUs for Sept 2021	Availability (%) for Sept 2021	PLF (%) For Sept 2021	Cumulative Generation in MUs upto Sept 2021 for the year 2021-22	Cumulative Availability in % upto Sept 2021 for the year 2021-22
RPH	135	-0.120	--	--	-0.732	--
GT	270	-0.399	0.00	-0.19	60.486	6.97
PPCL	330	102.45	70.41	44.57	835.450	88.60
Bawana	1372	249.313	63.33	19.55	1608.277	88.27
Towmcl	16	12.605	--	--	71.812	--
EDWPCL	10	0.185	--	--	4.730	--
DMSWL	24	11.410	--	--	69.090	--
TOTAL	2936	375.444			2649.113	

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2021

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

Sr.No.	Unit no	Capacity	Outage		Synchronization		Reason of outage with details of works
			Date	Time	Date	Time	
1	GT # 1	30	01-Apr-21	0:0	05-Apr-21	19:35	Unit is under shut down due to non availability of domestic gas from GAIL
			09-Apr-21	03:22	09-Apr-21	04:51	Unit tripped on electrical trouble or normal shut down.
			16-Apr-21	08:40	16-Apr-21	09:04	Unit tripped due to tripping of both 160MVA -I & 160MVA -II Transformers due to heavy jerk
			22-Apr-21	03:32	22-Apr-21	04:57	Unit tripped on electrical trouble or normal shut down.
			29-Apr-21	18:00	01-May-21	00:00	Low Demand
2	GT#2	30	05-Apr-21	19:35	27-Apr-21	16:21	Unit is under shut down due to non availability of domestic gas from GAIL
3	STG # 1	30	09-Apr-21	03:22	09-Apr-21	05:59	Unit tripped due to tripping of GT #1
			13-Apr-21	13:55	15-Apr-21	12:31	Unit tripped due to Failure of 66 KV breaker
			16-Apr-21	08:40	16-Apr-21	09:55	Unit tripped due to tripping of both 160MVA -I & 160MVA -II Transformers due to heavy jerk
			22-Apr-21	03:32	22-Apr-21	06:03	Unit manually tripped due to tripping of GT #1
1	GT#1	30	01-May-21	00:00	01-May-21	12:15	Low Demand
			01-May-21	12:15	01-May-21	21:15	Unit is under shut down due to non availability of domestic gas from GAIL
			01-May-21	21:15	01-May-21	22:45	Low Demand
			16-May-21	13:52	16-May-21	18:40	Unit tripped due to Generator Loss of field and electrical trouble normal shut down alarm appeared.
			19-May-21	16:05	20-May-21	17:53	Unit is under shut down due to non availability of domestic gas from GAIL
			21-May-21	14:30	26-May-21	07:50	Unit is under shut down due to non availability of domestic gas from GAIL
2	GT#2	30	02-May-21	18:00	03-May-21	12:18	Unit is under shut down due to non availability of domestic gas from GAIL
			04-May-21	00:05	04-May-21	18:24	Unit is under shut down due to non availability of domestic gas from GAIL
			05-May-21	19:10	06-May-21	16:00	Low Demand
			06-May-21	16:05	31-May-21	16:00	Unit is under shut down due to non availability of domestic gas from GAIL
3	STG # 1	30	08-May-21	18:45	08-May-21	19:16	Unit tripped due to tripping of both 160 MVA transformers due to heavy jerk.
			16-May-21	13:52	16-May-21	20:30	Unit tripped due to GT # 1 Tripped
			28-May-21	02:21	28-May-21	03:55	Unit tripped due to DVR problem.
1	GT#1	30	01-Jun-21	00:39	01-Jun-21	03:50	Unit tripped due to tripping of both 160MVA -I & 160MVA -II Transformers

Sr.No.	Unit no	Capacity	Outage		Synchronization		Reason of outage with details of works
			Date	Time	Date	Time	
							due to heavy jerk
			16-Jun-21	05:45	01-Jul-21	00:00	Unit is under shut down due to non availability of domestic gas from GAIL
2	GT#2	30	01-Jun-21	00:00	01-Jul-21	00:00	Unit is under shut down due to non availability of domestic gas from GAIL
3	STG # 1	30	01-Jun-21	00:39	01-Jun-21	05:05	Unit tripped due to tripping of both 160MVA -I & 160MVA -II Transformers due to heavy jerk
			16-Jun-21	05:45	01-Jul-21	00:00	Unit is under shut down due to non availability of domestic gas from GAIL
	1	30	01.07.2021	00:00	01.08.2021	00:00	Unit is under shut down due to non availability of domestic gas from GAIL
	2	30	01.07.2021	00:00	01.08.2021	00:00	Unit is under shut down due to non availability of domestic gas from GAIL
	STG-1	30	01.07.2021	00:00	01.08.2021	00:00	Unit is under shut down due to non availability of domestic gas from GAIL
1	GT#1	30	01-Aug-21	00:00	01-Sep-21	00:00	Unit is under shut down due to non availability of domestic gas from GAIL
2	GT#2	30	01-Aug-21	00:00	01-Sep-21	00:00	Unit is under shut down due to non availability of domestic gas from GAIL
3	STG # 1	30	01-Aug-21	00:00	01-Sep-21	00:00	Unit is under shut down due to non availability of domestic gas from GAIL
1	GT#1	30.0	1-Sep-21	0:00	1-Oct-21	0:00	Unit is under shut down due to non availability of domestic gas from GAIL
2	GT#2	30.0	1-Sep-21	0:00	1-Oct-21	0:00	Unit is under shut down due to non availability of domestic gas from GAIL
3	STG # 1	30.0	1-Sep-21	0:00	1-Oct-21	0:00	Unit is under shut down due to non availability of domestic gas from GAIL

(C) PRAGATI

S.No	Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
			Date	Time	Date	Time	
1	2	104	01.04.2021	00.00 hrs	07.04.2021	21.45 hrs	GT#2 under planned maintenance .
2	2	104	07.04.2021	21.45 hrs	30.04.2021	24.00 hrs	GT#2 remained stopped as desired by SLDC Outage Continued
3	STG	122	15.04.2021	17.03 hrs	15.04.2021	18.25 hrs	STG tripped on Grid-Disturbance.
4	1	104	16.04.2021	8.41 hrs	16.04.2021	11.30 hrs	GT#1 tripped on Grid-Disturbance.
5	STG	122	16.04.2021	8.41 hrs	16.04.2021	12.48 hrs	STG tripped on Grid-Disturbance.
6	STG	122	16.04.2021	17.42 hrs	16.04.2021	18.35 hrs	STG tripped on Grid-Disturbance.
7	2	104	01.05.2021	00:00	31.05.2021	24:00:00 Continued Outage GT#2 remained stopped as desired by SLDC
8	STG	122	31.05.2021	04:42	31.05.2021	07:18	STG tripped on Internal Fault
9	2	104	03.06.2021	00:00	03.06.2021	09:53 Continued Outage GT#2 remained stopped as desired by SLDC
10	2	104	03.06.2021	16:27	03.06.2021	21:09	GT#2 tripped on Internal Fault
11	1	104	03.07.2021	02:24	03.07.2021	05:11	GT#2 tripped on Internal Fault
13	1	104	03.07.2021	17:55	05.07.2021	15:10	GT#1 remained stopped as desired by SLDC
15	1	104	13.07.2021	18:03	16.07.2021	13:31	GT#1 remained stopped as desired by SLDC
17	1	104	20.07.2021	19:07	22.07.2021	07:43	GT#1 remained stopped as desired by SLDC
19	1	104	31.07.2021	22:55	31.07.2021	24:00:00	GT#1 remained stopped as desired by SLDC

S.No	Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
			Date	Time	Date	Time	
21	STG	122	24.07.2021	01:31	24.07.2021	06:25	STG tripped on Internal Fault.
22	GT#1	104	01.08.2021	00.00 hrs	02.08.2021	07.46 hrs Continued Outage. GT#1 remained stopped as desired by SLDC.
23	GT#1	104	07.08.2021	0.09 hrs	12.08.2021	07.30 hrs	GT#1 stopped as desired by SLDC
24	GT#2	104	07.08.2021	0.09 hrs	09.08.2021	03.00 hrs	GT#2 stopped as desired by SLDC
25	STG	122	07.08.2021	0.00 hrs	09.08.2021	11.31 hrs	STG under planned maintenance .
26	GT#2	104	09.08.2021	12.21 hrs	09.08.2021	14.07 hrs	GT#2 tripped on Internal Fault & STG also tripped
27	STG	122	09.08.2021	12.21 hrs	09.08.2021	14.52 hrs	GT#2 tripped on Internal Fault & STG also tripped
28	GT#2	104	19.08.2021	4.46 hrs	19.08.2021	11.00 hrs	GT#2 tripped on Internal Fault.
29	GT#2	104	21.08.2021	01.24 hrs	27.08.2021	11.27 hrs	GT#2 stopped as desired by SLDC
30	STG	122	21.08.2021	3.33 hrs	21.08.2021	04.41 hrs	STG tripped on Internal Fault.
31	GT#2	104	29.08.2021	18.20 hrs	31.08.2021	24.00 hrs	GT#2 stopped as desired by SLDC Outage Continued
32	GT#2	104	01.09.2021	00.00 hrs	16.09.2021	10.00 hrs Continued Outage. GT#2 stopped as desired by SLDC.
33	GT#1	104	04.09.2021	13.16	04.09.2021	14.06 hrs	GT#1 tripped on Grid-Disturbance.
34	STG	122	04.09.2021	13.16 hrs	04.09.2021	14.35 hrs	STG tripped on Grid-Disturbance.
35	GT#2	104	16.09.2021	10.00 hrs	30.09.2021	24.00 hrs	GT#2 under planned maintenance .

(D) BAWANA CCGT POWER STATION

S.No	Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
			Date	Time	Date	Time	
1	1	216	24.03.2021	09:00	04.05.2021	22:00	Condenser cleaning
2	1	216	04.05.2021	08:00	04.07.2021	18:30	Unit taken out for Transformer testing
3	½ STG-1	254	04.05.2021	22:00	04.07.2021	18:30	DC of 1/2 STG taken out due to non-availability of respective GT
4	3	216	06.07.2021	09:00	08.07.2021	18:30	Annual testing of Generating Transformer
5	3	216	19.07.2021	17:55	20.07.2021	03:28	Unit tripped on Rotor Earth fault.
6	½ STG-2	254	06.07.2021	09:00	08.07.2021	18:30	Annual testing of Generating Transformer
7	½ STG-2	254	19.07.2021	17:55	20.07.2021	03:28	DC of 1/2 STG taken out due to non-availability of respective GT
8	STG-2	254	25.07.2021	10:36	25.01.2021	12:01	Unit under forced outage on Generator Rotor Earth fault.
9	3	216	23.08.2021	09:18	23.08.2021	14:00	GT#3 tripped on Gen. cold gas Temp. control valve malfunction .
10	½	254	23.08.2021	09:22	23.08.2021	14:00	DC of 1/2 STG taken out due to non-availability of respective GT.
11	2						

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. 01.09.2021 to 31.09.2021

Name of the Stn	Installed capacity in MW	Capacity Allocation to Delhi	capacity Allocation to Delhi	BRPL	BYPL	TPDDL	NDMC	MES	RPH	NR
STATE GENERATING STATIONS		In%	in MW							
RPH										
GAS TURBINE	270		90	37.38	20.47	26.70	4.45	0.00	1.00	
PRAGATI	330	100	330	93	53	64	100	20		
BAWANA CCGT	1371	80	1097	427	247	298	100	25		
EDWPCL(WEP)	12	0	0	0	0.0	0	0	0		
Bawana(WEP)	24	100	24	10	6	7	1	0		
TOWMCL(WEP)Exbus	13	97.15	12.63	6.5	0	6.1	0			
TOTAL	2020		1553.43	574.1	326.0	401.7	205.7	45.0	1.00	0.0
CENTRAL SECTOR GENERATION										
<u>NTPC STATIONS</u>										
Singrauli STPS	2000	7.50	150.00	30	74	46	0	0		
Rihand Stage-I	1000	10.00	100.00	69	0	31	0	0		
Rihand Stage -II	1000	12.60	126.00	55	32	39	0	0		
Rihand Stage-III	1000	13.19	131.91	78	54	0	0	0		
ANTA GPS	419	10.50	44.00	19	11	13	0	0		
Auriya GPS	663.36	10.86	72.04	32	18	22	0	0		
Dadri GPS	829.78	10.96	90.94	40	23	28	0	0		
Dadri (Th)-I	840	90.00	756.00	559	62	10	125	0		
Dadri (Th) -II	980	74.24	727.53	543	175	10	0	0		
Unchahaar-I TPS	420	5.71	23.98	11	6	7	0	0		
Unchahaar-II TPS	420	11.19	47.00	21	12	14	0	0		
Unchahaar-III TPS	210	13.81	29.00	13	7	9	0	0		
Unchahaar-IV TPS	500									
Jhajjar	1500	46.20	693.00	10	69	614	0	0		
Farakka(From ER)	1600	1.39	22.24	10	6	7	0	0		
Kahalgaon-I(From ER)	840	6.07	50.99	22	13	16	0	0		
Kahalgaon-II(From ER)	1500	10.49	157.35	69	40	48	0	0		
TOTAL NTPC	15722.14		3221.98	1581	602	914	125	0	0	0
<u>NHPC (HYDRO)</u>										
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		
Total NHPC	4065		478.61	234.81	121.56	122.24	0	0	0	0
Nathpa Jhakri HEP	1500	9	142.05	62	36	44	0	0		
Tehri Hydro	1000	6.30	63.00	44	0	19	0	0		
Koteshwar HEP	400	9.86	39.44	27	0	12	0	0		

Total THDC	1400		102.44	71.01	0	31.43	0	0	0	0
Singrauli Hyd	8	19.13	1.53	0	0	1.53				
<u>NPC (NUCLEAR)</u>										
Narora APS	440	10.68	46.99	33	0	14	0	0		
RAPP (C)	440	12.69	55.84	25	14	17	0	0		
TOTAL NPC	880		102.83	57	14	32	0	0	0	0
<u>Allocation from ER</u>										
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)			273.00	119.90	69.34	83.76				
DVC(Mejia6)			100.00	44	25	31	0	0		
TOTAL	4980		848.49	243	413	192	0	0	0	0
<u>Allocation from Long term Bilateral</u>										
CLP Jhajjar(Th)	1320		124.00			124				
Mejia-7(Th)*	500		105		105					
Methan(Th)	1050		281.25			281				
Surya Kanta(Hyd)			14.00			14				
Nanti Hydro			11.45			11				
Tutikoren(LT-61)			50.00	50						
SECI			60.00	20	20	20				
RUMS - DMRC			99.00	47.5	26.3	25.2				
Sun Edision (From 18.11.2019)			180.00			180				
Teranda (HYD) (From 08.1.2020)			12.65			12.65				
BRBCL (From 15.01.2020)			5.00							5
JIPTL										
Alfanar wind SECI- 3(L_NR2020_05,06 & 07)	300		195.50	117.30	39.10	39.10				
TOTAL	3170		1138.02	234.558	190.838	707.624	0	0	0	5
Total in MW	33745		7589	3058	1704	2446	331	45	1	5.00

B) ALLOCATION OF DELHI AND DISCOMS (IN %AGE) FROM VARIOUS CENTRAL SECTOR, STATE SECTOR GENERATING STATIONS ALONG WITH LTAs w.e.f. 01.09.2021 to 31.09.2021

Name of the Stn				DISCOMWISE CAPACITY ALLOCATION IN %						NR
	Installed capacity in MW	Capacity Allocation to Delhi in %age	capacity Allocation in MW to Delhi	BRPL	BYPL	TPDDL	NDMC	MES	RPH	
STATE GENERATING STATIONS										
RPH										
GAS TURBINE	270		90	41.533	22.744	29.667	4.944	0.000	1.111	
PRAGATI	330	100	330	28.29	16.07	19.28	30.30	6.06		
BAWANA CCGT	1371	80	1097	38.9125	22.5000	27.1875	9.1250	2.2750		
EDWPCL(WEP)	12	0	0	0.00	100.00	0.00	0.00	0.00		
Bawana(WEP)	24	100	24	41.81	23.90	29.20	5.09	0.00		
TOWMCL(WEP)	13	97	12.63	50.00	0.00	47.15	0.00	0.00	0.00	
TOTAL	2020		1553.43	36.95	20.99	25.86	13.24	2.89	0.06	0.00
CENTRAL SECTOR GENERATION										
NTPC STATIONS										
Singrauli STPS	2000	7.50	150.00	19.76	49.56	30.68	0.00	0.00		
Rihand Stage-I	1000	10.00	100.00	69.32	0.00	30.68	0.00	0.00		
Rihand Stage -II	1000	12.60	126.00	43.92	25.40	30.68	0.00	0.00		
Rihand Stage-III	1000	13.19	131.91	59.26	40.74	0.00	0.00	0.00		
ANTA GPS	419	10.50	44.00	43.92	25.40	30.68	0.00	0.00		
Auriya GPS	663.36	10.86	72.04	43.92	25.40	30.68	0.00	0.00		
Dadri GPS	829.78	10.96	90.94	43.92	25.39	30.68	0.00	0.00		
Dadri (Th)-I	840	90.00	756.00	73.98	8.17	1.32	16.53	0.00		
Dadri (Th) -II	980	74.24	727.53	74.60	24.03	1.37	0.00	0.00		
Unchahaar-I TPS	420	5.71	23.98	43.92	25.39	30.68	0.00	0.00		
Unchahaar-II TPS	420	11.19	47.00	43.92	25.40	30.68	0.00	0.00		
Unchahaar-III TPS	210	13.81	29.00	43.92	25.40	30.68	0.00	0.00		
Unchahaar-IV TPS	500									
Jhajjar	1500	46.20	693.00	1.44	9.99	88.57	0.00	0.00		
Farakka	1600	1.39	22.24	43.92	25.40	30.68	0.00	0.00		
Kahalgaon-I	840	6.07	50.99	43.92	25.40	30.68	0.00	0.00		
Kahalgaon-II	1500	10.49	157.35	43.92	25.40	30.68	0.00	0.00		
TOTAL NTPC	15722.14		3221.98	49.06	18.70	28.37	3.88	0.00	0.00	0.00
NHPC (HYDRO)										
Baira Suil HPS	180	11.00	19.80	43.92	25.40	30.68	0.00	0.00		
Salal HPS	690	11.62	80.18	74.60	25.40	0.00	0.00	0.00		
Tanakpur HEP	94	12.81	12.07	43.92	25.40	30.68	0.00	0.00		
Chamera HEP	540	7.90	42.66	43.92	25.40	30.68	0.00	0.00		
Chamera-II HEP	300	13.33	39.99	43.92	25.40	30.68	0.00	0.00		
Chamera-III HEP	231	12.73	29.42	43.92	25.40	30.68	0.00	0.00		
URI-I HEP	480	11.04	52.99	43.92	25.40	30.68	0.00	0.00		
URI -II HEP	240	13.45	32.28	43.92	25.40	30.68	0.00	0.00		
Sewa HEP	120	13.33	16.00	43.92	25.40	30.68	0.00	0.00		
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		
Total NHPC	4065		478.6073	49.06	25.40	25.54	0.00	0.00		

Nathpa Jhakri HEP	1500	9	142.05	43.92	25.40	30.68	0.00	0.00		
Tehri Hydro	1000	6.30	63.00	69.32	0.00	30.68	0.00	0.00		
Koteshwar HEP	400	9.86	39.44	69.32	0.00	30.68	0.00	0.00		
Total THDC	1400		102.44	69.32	0.00	30.68	0.00	0.00		
Singrauli Hyd	8	19.13	1.53	0.00	0.00	100.00	0.00	0.00		
NPC (NUCLEAR)										
Narora APS	440	10.68	46.99	69.32	0.00	30.68	0.00	0.00		
RAPP (C)	440	12.69	55.84	43.92	25.40	30.68	0.00	0.00		
TOTAL NPC	880		102.828	55.53	13.79	30.68	0.00	0.00	0.00	0.00
Allocation from ER										
Tala HEP	1020	2.94	29.99	43.92	25.40	30.68	0.00	0.00		
SASAN	3960	11.25	445.50	14.832	69.828	15.340	0.00	0.00		
DVC(CTPS7 &8)			273.00	43.92	25.40	30.68				
DVC(Mejia6)			100.00	43.92	25.40	30.68	0.00	0.00		
TOTAL	4980		848.488	28.65	48.73	22.63	0.00	0.00	0.00	0.00
Allocation from Long term Bilateral										
CLP Jhajjar(Th)	1320		124.00			100.00				
Mejia-7(Th)	500		105.17		100.00					
Methan(Th)	1050		281.25			100.00				
Surya Kanta(Hyd)			14.00			100.00				
Nanti Hydro			11.45			100.00				
Tutikoren			50.00	100.00						
SECI			60.00	32.93	33.78	33.29				
RUMS - DMRC			99.00	47.98	26.57	25.45				
Sun Edision (From 18.11.2019)			180.00			100.00				
Teranda (HYD) (From 08.1.2020)			12.65			100.00				
BRBCL (From 15.01.2020)			5.00							100
JIPTL										
Alfanar wind SECI- 3(L_NR2020_05,06 & 07)	300		195.50	60.00	20.00	20.00				
TOTAL	3170		1138.02	240.9098	180.34566	678.74455	0	0	0	100
Total	33745		7589	40.29	22.46	32.22	4.36	0.59	0.01	0.07

**POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND
MET DURING SEPTEMBER 2021**

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	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9) = (3) to (8)	(10)	(11)	(12) = (11) - (10)	(13) = (11) + (12)	(14)	(15) = (13) + (14)
1	00:00:40	0	130	733	18	4	17	902	3410	3632	-222	4312	0	4312
2	15:50:20	0	144	304	19	0	18	485	4239	4192	47	4724	0	4724
3	16:18:22	0	142	305	17	0	17	481	4723	4582	141	5204	0	5204
4	12:44:41	0	144	311	18	1	17	491	4101	4055	46	4592	0	4592
5	22:59:40	0	146	309	18	0	13	486	4350	4320	30	4836	0	4836
6	22:53:58	0	145	307	17	-1	17	485	5043	5048	-5	5528	0	5528
7	15:37:55	0	144	302	18	0	17	481	5067	4956	111	5548	0	5548
8	15:00:50	0	145	301	16	1	6	469	4788	4580	208	5257	0	5257
9	15:32:39	0	144	300	17	0	6	467	4687	4666	21	5154	0	5154
10	15:40:10	0	143	513	19	0	16	691	4459	4517	-58	5150	0	5150
11	00:01:08	0	138	471	19	1	16	645	3881	3885	-4	4526	0	4526
12	19:04:58	0	138	472	19	0	18	647	3408	3385	23	4055	0	4055
13	12:14:59	0	142	470	0	3	18	633	4255	4253	2	4888	0	4888
14	15:39:02	0	143	474	18	0	6	641	4157	4180	-23	4798	0	4798
15	16:14:31	0	143	303	18	0	15	479	4430	4317	113	4909	0	4909
16	10:27:57	0	138	300	18	0	18	474	4106	3969	137	4580	0	4580
17	11:50:59	0	136	303	9	0	19	467	4027	4063	-36	4494	0	4494
18	18:58:30	0	145	309	10	2	17	483	3824	3707	117	4307	0	4307
19	22:58:05	0	147	312	18	-1	19	495	4109	4093	16	4604	0	4604
20	23:03:50	0	145	310	18	-1	17	489	4621	4486	135	5110	0	5110
21	14:46:52	0	141	292	19	0	18	470	4835	4852	-17	5305	0	5305
22	15:13:31	0	145	299	19	3	17	483	4209	4078	131	4692	0	4692
23	15:05:15	0	144	286	19	3	18	470	4382	4403	-21	4852	0	4852
24	12:04:00	0	149	304	19	2	17	491	4344	4386	-42	4835	0	4835
25	19:10:20	0	145	296	18	0	16	475	3989	3825	164	4464	0	4464
26	22:51:51	0	147	305	17	0	18	487	3818	3825	-7	4305	0	4305
27	15:19:40	0	142	303	18	0	18	481	4467	4336	131	4948	0	4948
28	15:49:50	0	143	306	19	0	17	485	4638	4594	44	5123	0	5123
29	15:36:06	0	143	303	19	0	18	483	4710	4575	135	5193	0	5193
30	15:31:38	0	144	303	19	0	19	485	4768	4782	-14	5253	0	5253

POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING SEPTEMBER 2021

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	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9) = (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	00:00:40	0	130	733	18	4	17	902	3410	3632	-222	4312	0	4312
2	15:50:20	0	144	304	19	0	18	485	4239	4192	47	4724	0	4724
3	16:18:22	0	142	305	17	0	17	481	4723	4582	141	5204	0	5204
4	12:44:41	0	144	311	18	1	17	491	4101	4055	46	4592	0	4592
5	22:59:40	0	146	309	18	0	13	486	4350	4320	30	4836	0	4836
6	22:53:58	0	145	307	17	-1	17	485	5043	5048	-5	5528	0	5528
7	15:37:55	0	144	302	18	0	17	481	5067	4956	111	5548	0	5548
8	15:00:50	0	145	301	16	1	6	469	4788	4580	208	5257	0	5257
9	15:32:39	0	144	300	17	0	6	467	4687	4666	21	5154	0	5154
10	15:40:10	0	143	513	19	0	16	691	4459	4517	-58	5150	0	5150
11	00:01:08	0	138	471	19	1	16	645	3881	3885	-4	4526	0	4526
12	19:04:58	0	138	472	19	0	18	647	3408	3385	23	4055	0	4055
13	12:14:59	0	142	470	0	3	18	633	4255	4253	2	4888	0	4888
14	15:39:02	0	143	474	18	0	6	641	4157	4180	-23	4798	0	4798
15	16:14:31	0	143	303	18	0	15	479	4430	4317	113	4909	0	4909
16	10:27:57	0	138	300	18	0	18	474	4106	3969	137	4580	0	4580
17	11:50:59	0	136	303	9	0	19	467	4027	4063	-36	4494	0	4494
18	18:58:30	0	145	309	10	2	17	483	3824	3707	117	4307	0	4307
19	22:58:05	0	147	312	18	-1	19	495	4109	4093	16	4604	0	4604
20	23:03:50	0	145	310	18	-1	17	489	4621	4486	135	5110	0	5110
21	14:46:52	0	141	292	19	0	18	470	4835	4852	-17	5305	0	5305
22	15:13:31	0	145	299	19	3	17	483	4209	4078	131	4692	0	4692
23	15:05:15	0	144	286	19	3	18	470	4382	4403	-21	4852	0	4852
24	12:04:00	0	149	304	19	2	17	491	4344	4386	-42	4835	0	4835
25	19:10:20	0	145	296	18	0	16	475	3989	3825	164	4464	0	4464
26	22:51:51	0	147	305	17	0	18	487	3818	3825	-7	4305	0	4305
27	15:19:40	0	142	303	18	0	18	481	4467	4336	131	4948	0	4948
28	15:49:50	0	143	306	19	0	17	485	4638	4594	44	5123	0	5123
29	15:36:06	0	143	303	19	0	18	483	4710	4575	135	5193	0	5193
30	15:31:38	0	144	303	19	0	19	485	4768	4782	-14	5253	0	5253

SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR SEPTEMBER 2021

A) AVAILABILITY FROM GENCO AND PRAGATI STNs. (all fig in MUs)

A (i) RPH	0.000
(ii) GT+STG	0.000
(iii) PRAGATI	104.985
(iv) RITHALA	0.000
(v) BAWANA CCGT	259.521
(vi) Timarpur – Okhla	14.777
EDWPCL	0.842
DMSWL	13.455
TOTAL	393.580
B) AVAILABILITY FROM BTPS	0.000
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	18.136
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	375.444

B) SOURCE WISE SCHEDULED DRAWL FROM THE NORTHERN GRID

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
B/SUIL	6.568	6.360	6.568	6.360
SALAL	49.984	48.406	49.984	48.406
SASAN	243.361	235.617	242.432	234.717
TANKAPUR	8.088	7.831	8.088	7.831
CHAMERA	16.952	16.418	16.952	16.418
CHAMERA -II	22.318	21.613	22.318	21.613
CHAMERA -III	15.832	15.332	15.832	15.332
DHAULIGANGA	24.306	23.538	24.306	23.538
SEWA -2	0.000	0.000	0.000	0.000
URI	24.635	23.846	24.635	23.846
URI-II	18.013	17.438	18.013	17.438
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	13.204	12.780	13.204	12.780
PARBATI3	11.272	10.918	11.272	10.918
RAMPUR	0.000	0.000	0.000	0.000
ANTA (CRF)	7.999	7.738	0.000	0.000
ANTA (GAS)	0.000	0.000	0.000	0.000
ANTA (RLNG)	5.487	5.320	0.000	0.000
ANTA (LIQUID)	5.321	5.153	0.000	0.000
DADRI (CRF)	5.279	5.104	0.424	0.410
DADRI (GAS)	0.000	0.000	0.000	0.000
DADRI (RLNG)	41.442	40.142	6.198	6.003
DADRI (LIQUID)	3.168	3.064	0.000	0.000
AURAIYA (CRF)	11.525	11.145	0.182	0.176
AURAIYA (GAS)	0.000	0.000	0.000	0.000
AURAIYA (RLNG)	15.713	15.223	1.220	1.182
AURAIYA (LIQUID)	13.585	13.161	0.240	0.232
SINGRAULI	95.085	92.060	91.688	88.769
SINGRAULI_HYDRO	0.000	0.000	0.000	0.000
RIHAND -I	64.857	62.799	61.548	59.593
RIHAND -II	41.596	40.277	40.143	38.868
RIHAND -III	89.030	86.204	86.595	83.842
UNCHAAR-I	12.556	12.158	10.194	9.870
UNCHAAR-II	27.486	26.616	21.418	20.739
UNCHAAR-III	15.563	15.070	11.782	11.408
UNCHAAR-IV	0.000	0.000	0.000	0.000

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
DADRI (TH)	284.575	275.520	0.009	0.009
DADRI (TH) STAGE-II	405.714	392.936	316.255	306.275
BRBCL (NABIPUR-BIHAR)	1.694	1.641	1.681	1.628
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
NAPP	27.990	27.100	27.990	27.100
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	37.558	36.366	37.558	36.366
NATHPA JHAKRI	93.277	90.330	93.277	90.330
DULASTI	35.593	34.463	35.593	34.463
TEHRI	25.976	25.143	25.976	25.143
JHAJJAR	389.373	377.018	277.558	268.711
KHELGAON	31.955	30.941	28.906	27.987
KHELGAON-II	65.906	63.815	62.046	60.074
FARAKA	8.995	8.709	6.638	6.426
TALA	17.792	17.230	17.792	17.230
DVC	199.280	199.280	199.280	192.951
TUTICORIN - BRPL	16.491	16.491	16.491	15.974
MADHYA PRADESH	0.000	0.000	0.000	0.000
JP NIGRIE (GUJRAT)	12.484	12.484	12.484	12.089
KARNATAKA	1.657	1.657	1.657	1.605
DIKACHU (SIKKIM)	0.000	0.000	0.000	0.000
GOA	0.000	0.000	0.000	0.000
UTTAR PRADESH	0.000	0.000	0.000	0.000
REGL (ADANI) CHATTISHGARH	0.000	0.000	0.000	0.000
RPREL (ADANI) CHATTISHGARH	4.627	4.627	4.627	4.480
KWHEP (HP)	6.300	6.300	6.300	6.100
SAINJ (HP)	12.200	12.200	12.200	11.812
BGTPP (ASSAM)	0.000	0.000	0.000	0.000
GUJRAT	0.000	0.000	0.000	0.000
DBPL (CHATTISHGARH)	0.000	0.000	0.000	0.000
MANIPUR	0.000	0.000	0.000	0.000
RGPPPL(Ratna Giri Power Pvt. Ltd.)	0.000	0.000	0.000	0.000
FSTPP-III (WEST BENGAL)	0.000	0.000	0.000	0.000
SIKKIM	5.734	5.734	5.734	5.554
TAMILNAIDU	0.000	0.000	0.000	0.000
SEIL PROJECT-II(ANDHRA PRADESH)	0.000	0.000	0.000	0.000
MEGHALAYA	0.000	0.000	0.000	0.000
ANDHRA	0.365	0.365	0.365	0.353
JITPL(Jindal Indai Thermal Power Ltd.)	49.128	49.128	49.128	47.647
UTTRAKHAND	179.999	179.999	179.999	174.286
METHON POWER(NDPL)LT-06	187.946	187.946	187.946	181.968
DVC MEJIA (LT-08)(BYPL)	57.662	57.662	57.662	55.838
Acme_RUMS	11.069	11.069	11.069	10.717
Arinsun_RUMS	10.644	10.644	10.644	10.307
Mahindra_RUMS	11.050	11.050	11.050	10.699
URS	0.008	0.007	0.008	0.007
JAMMU & KASHMIR	20.655	20.655	20.655	19.996
HIMACHAL PRADESH	112.116	112.116	112.116	108.559
KAMENG (ARUNACHAL PRADESH)	14.653	14.653	14.653	14.188
TEESTA-III (West Bengal)	72.720	72.720	72.720	70.411
KERALA	21.000	21.000	21.000	20.333
ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
HIMACHAL PRADESH LT-59 DVC	6.898	6.898	6.898	6.680
HARYANA (LT-05)	51.095	51.095	51.095	49.474
MP(SOLAR RUMS)	18.950	18.950	18.950	18.347
HP TPDDL (NANTI)	6.406	6.406	6.406	6.203
ALFANAR WIND(BRPL) GUJRAT	25.131	25.131	25.131	24.332
ALFANAR WIND(BYPL) (GUJRAT)	8.377	8.377	8.377	8.111
ASE4PL (Adani Green ENERGY U.P.)	9.783	9.783	9.783	9.472
ALFANAR WIND(TPDDL)(GUJRAT)	8.373	8.373	8.373	8.107
ADHPL (HP)	6.478	6.478	6.478	6.272
ODHISHA	0.000	0.000	0.000	0.000
ORISSA MT-20 JITPL -DVC	0.000	0.000	0.000	0.000

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
WEST BENGAL	0.000	0.000	0.000	0.000
TELENGANA	0.000	0.000	0.000	0.000
RAJASTHAN(SOLAR) BRPL-LT36	3.223	3.223	3.223	3.121
RAJASTHAN(SOLAR) BYPL - LT-35	3.118	3.118	3.118	3.019
RAJASTHAN(SOLAR) TPDDL LT-31	3.121	3.121	3.121	3.022
HP TARANDA (RAILWAYS)	4.821	4.821	4.821	4.669
Eden Renewable Cite Pvt. Ltd.(RJ)Brpl	46.557	46.557	46.557	45.080
Eden Renewable Cite Pvt. Ltd.(RJ)BYpl	9.323	9.323	9.323	9.028
SBSR Power Clean Tech. 11 Pvt. Ltd.(BKN)BYPL	3.045	3.045	3.045	2.948
SBSR Power Clean Tech. 11 Pvt. Ltd.(BKN)NDPL	6.089	6.089	6.089	5.896
TO NAGALAND	0.000	0.000	0.000	0.000
TO ANDHRA	0.000	0.000	0.000	0.000
TO UTRAKHAND	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO MEGHALAYA	0.000	0.000	0.000	0.000
TO KERALA	0.000	0.000	0.000	0.000
TO ODISHA	0.000	0.000	0.000	0.000
TO TAMILNAIDU	0.000	0.000	0.000	0.000
TO UP	0.000	0.000	0.000	0.000
TO CHATTISHGARH	0.000	0.000	0.000	0.000
TO MANIPUR	0.000	0.000	0.000	0.000
TO ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	0.000	0.000	0.000	0.000
TO GUJRAT	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	50.163	48.532	50.163	48.532
TO POWER EXCHANGE (IEX)	-163.611	-168.995	-163.611	-168.995
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-21.160	-21.855	-21.160	-21.855
TO SHARE PROJECT (PUNJAB)	-20.810	-21.492	-20.810	-21.492
REAL TIME MANAGEMENT (RTM)	66.628	64.491	66.628	64.491
TO REAL TIME MANAGEMENT (RTM)	-79.131	-81.710	-79.131	-81.710
TOTAL	3397.279	3310.092	2777.170	2670.658

AGENCY WISE BREAKUP OF ENERGY SCHEDULED DRAWAL FROM THE GRID

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
NTPC - NR	1147.675	1111.330	649.576	629.003
NTPC - ER	106.856	103.466	97.590	94.488
NHPC	233.561	226.162	233.561	226.162
NPC	65.549	63.467	65.549	63.467
SASAN	243.361	235.617	242.432	234.717
KOTESHWAR	13.204	12.780	13.204	12.780
NATHPA JHAKRI	93.277	90.330	93.277	90.330
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
TEHRI	25.976	25.143	25.976	25.143
TALA	17.792	17.230	17.792	17.230
JHAJJAR	389.373	377.018	277.558	268.711
RAJASTHAN SOLAR(BRPL)T-36	3.223	3.223	3.223	3.121
RAJASTHAN SOLAR(BYPL)T-35	3.118	3.118	3.118	3.019
RAJASTHAN SOLAR(TPDDL)T-31	3.121	3.121	3.121	3.022
DVC	199.280	199.280	199.280	192.951
TUTICORIN BRPL	16.491	16.491	16.491	15.974
MADHYA PRADESH	0.000	0.000	0.000	0.000
JP NIGRIE (GUJRAT)	12.484	12.484	12.484	12.089
KARNATAKA	1.657	1.657	1.657	1.605
DIKACHU (SIKKIM)	0.000	0.000	0.000	0.000
GOA	0.000	0.000	0.000	0.000
UTTAR PRADESH	0.000	0.000	0.000	0.000

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
REGL (ADANI) CHATTISHGARH	0.000	0.000	0.000	0.000
RPREL (ADANI)CHATTISHGARH	4.627	4.627	4.627	4.480
KWHEP (HP)	6.300	6.300	6.300	6.100
SAINJ (HP)	12.200	12.200	12.200	11.812
BGTPP (ASSAM)	0.000	0.000	0.000	0.000
GUJRAT	0.000	0.000	0.000	0.000
DBPL (CHATTISHGARH)	0.000	0.000	0.000	0.000
MANIPUR	0.000	0.000	0.000	0.000
RGPPPL(Ratna Giri Power Pvt. Ltd.)	0.000	0.000	0.000	0.000
FSTPP -III (WEST BENGAL)	0.000	0.000	0.000	0.000
SIKKIM	5.734	5.734	5.734	5.554
TAMILNAIDU	0.000	0.000	0.000	0.000
SEIL PROJECT-II(ANDHRA PRADESH)	0.000	0.000	0.000	0.000
MEGHALAYA	0.000	0.000	0.000	0.000
ANDHRA	0.365	0.365	0.365	0.353
JITPL(Jindal Indai Thermal Power Ltd.)	49.128	49.128	49.128	47.647
UTTRAKHAND	179.999	179.999	179.999	174.286
METHON POWER (NDPL)-LT-06	187.946	187.946	187.946	181.968
DVC MEJIA (LT-08)(BYPL)	57.662	57.662	57.662	55.838
Acme_RUMS	11.069	11.069	11.069	10.717
Arinsun_RUMS	10.644	10.644	10.644	10.307
Mahindra_RUMS	11.050	11.050	11.050	10.699
URS	0.008	0.007	0.008	0.007
JAMMU & KASHMIR	20.655	20.655	20.655	19.996
HIMACHAL PRADESH	112.116	112.116	112.116	108.559
KAMENG (ARUNACHAL PRADESH)	14.653	14.653	14.653	14.188
TEESTA -III (SIKKIM)	72.720	72.720	72.720	70.411
KERALA	21.000	21.000	21.000	20.333
ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
HP LT-59 DVC(SURYA KANTA)	6.898	6.898	6.898	6.680
HARYANA (LT -05)	51.095	51.095	51.095	49.474
ADHPL (HP)	6.478	6.478	6.478	6.272
ODISHA	0.000	0.000	0.000	0.000
ORISSA MT-20 JITPL -DVC	0.000	0.000	0.000	0.000
WEST BENGAL	0.000	0.000	0.000	0.000
TELENGANA	0.000	0.000	0.000	0.000
MP(SOLAR RUMS)	18.950	18.950	18.950	18.347
HP TPDDL (NANTI)	6.406	6.406	6.406	6.203
HP TRANDA (RAILWAYS)	4.821	4.821	4.821	4.669
ALFANAR WIND(BRPL)	25.131	25.131	25.131	24.332
ALFANAR WIND(BYPL)	8.377	8.377	8.377	8.111
ASE4PL (Adani Green ENERGY U.P.)	9.783	9.783	9.783	9.472
ALFANAR WIND(TPDDL)	8.373	8.373	8.373	8.107
Eden Renewable Cite Pvt. Ltd.(RJ)Brpl	46.557	46.557	46.557	45.080
Eden Renewable Cite Pvt. Ltd.(RJ)BYpl	9.323	9.323	9.323	9.028
SBSR Power Clean Tech. 11 Pvt. Ltd.(BKN)BYPL	3.045	3.045	3.045	2.948
SBSR Power Clean Tech. 11 Pvt. Ltd.(BKN)NDPL	6.089	6.089	6.089	5.896
POWER EXCHANGE(IEX)	50.163	48.532	50.163	48.532
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
REAL TIME MANAGEMENT (RTM)	66.628	64.491	66.628	64.491
TOTAL	3681.992	3604.143	3061.883	2964.709

AGENCY WISE BREAKUP OF ENERGY SCHEDULED BY NRLDC FOR EXPORT TO OTHER UTILITIES FROM DELHI

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
TO NAGALAND	0.000	0.000	0.000	0.000
TO ANDHRA	0.000	0.000	0.000	0.000
TO UTTRAKHAND	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO KERALA	0.000	0.000	0.000	0.000
TO MEGHALAYA	0.000	0.000	0.000	0.000
TO ORISSHA	0.000	0.000	0.000	0.000
TO TAMILNAIDU	0.000	0.000	0.000	0.000
TO UP	0.000	0.000	0.000	0.000
TO CHATTISHGARH	0.000	0.000	0.000	0.000
TO MANIPUR	0.000	0.000	0.000	0.000
TO ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	0.000	0.000	0.000	0.000
TO GUJRAT	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-163.611	-168.995	-163.611	-168.995
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-21.160	-21.855	-21.160	-21.855
TO SHARE PROJECT (PUNJAB)	-20.810	-21.492	-20.810	-21.492
TO REAL TIME MANAGEMENT (RTM)	-79.131	-81.710	-79.131	-81.710
TOTAL	-284.713	-294.051	-284.713	-294.051
TOTAL SCHEDULED DRAWAL FROM THE GRID	3397.279	3310.092	2777.170	2670.658

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNS	3042.871
NET CONSUMPTION	024.735
AVAILABILITY WITHIN DELHI	375.444
ACTUAL DRAWAL FROM THE GRID	2649.291
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY	-21.367
LOAD SHEDDING	0.494
UNRESTRICTED DEMAND (GROSS)	304.365
UNRESTRICTED DEMAND (NET)	3025.229
MAX. NET CONSUMPTION	114.355 On 07.09.21
MAX. LOAD SHEDDING	173 MW ON 30.09.2021 AT 19.00 HRS.
PEAK LOAD	Peak Demand during the month
DAY PEAK	5548 MW AT 15.37.55 HRS ON 07.09.2021
EVENING PEAK	5528 MW AT 22.5358 HRS ON 06.09.2021
	SHEDDING AT PEAK TIME NIL.
	NIL

8. SHEDDING DETAILS DURING THE MONTH OF SEPTEMBER 2021.

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
01.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.09.21	0	0.0000	0.0000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.09.21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.108	0.000	0.000
	0	0.000	0.000	0.000	0.000	0.0000	0.000	0.000	0.108	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				
1	13	14	15	16	17	18	19	20	21	22	23	24=8 to 23	25=7+24
01.09.21	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
02.09.21	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
03.09.21	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
04.09.21	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
05.09.21	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
06.09.21	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
07.09.21	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
08.09.21	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
09.09.21	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
10.09.21	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
11.09.21	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
12.09.21	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
13.09.21	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
14.09.21	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
15.09.21	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
16.09.21	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
17.09.21	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
18.09.21	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
19.09.21	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
20.09.21	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
21.09.21	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
22.09.21	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
23.09.21	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
24.09.21	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
25.09.21	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
26.09.21	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
27.09.21	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
28.09.21	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
29.09.21	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
30.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.108	0.108
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.108	0.108

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
01.09.21	0.0000	0.0000	0.0022	0.000	0.000	0.000	0.000	0.005	0.000
02.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.001	0.000
03.09.21	0.0026	0.0016	0.0000	0.000	0.000	0.000	0.018	0.000	0.000
04.09.21	0.0134	0.0934	0.0005	0.000	0.000	0.000	0.000	0.000	0.000
05.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.012	0.000	0.000
06.09.21	0.0000	0.0346	0.0000	0.000	0.000	0.000	0.000	0.023	0.000
07.09.21	0.0018	0.0165	0.0018	0.000	0.000	0.000	0.000	0.0002	0.000
08.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.000	0.000
09.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.000	0.000
10.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.001	0.000
11.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.002	0.000	0.000
12.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.000	0.000
13.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.000	0.000
14.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.000	0.000
15.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.000	0.000
16.09.21	0.0000	0.0000	0.0009	0.000	0.000	0.000	0.000	0.0002	0.000
17.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.00220	0.000
18.09.21	0.0000	0.0000	0.0002	0.000	0.000	0.000	0.037	0.000	0.000
19.09.21	0.0000	0.0061	0.0000	0.000	0.000	0.000	0.008	0.000	0.000
20.09.21	0.0018	0.0000	0.0022	0.000	0.000	0.000	0.000	0.000	0.000
21.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.016	0.000	0.00003	0.000
22.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.005	0.00017	0.000
23.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.017	0.001	0.000
24.09.21	0.0000	0.0000	0.0046	0.000	0.000	0.000	0.000	0.000	0.000
25.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.010	0.001	0.000
26.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.002	0.000	0.000
27.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.000	0.000
28.09.21	0.0004	0.0100	0.0000	0.000	0.000	0.000	0.000	0.001	0.000
29.09.21	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.000	0.000
30.09.21	0.0000	0.0228	0.0000	0.000	0.000	0.000	0.003	0.000	0.000
	0.020	0.185	0.012	0.000	0.000	0.016	0.114	0.034	0.000

ALL FIGURES IN MUS

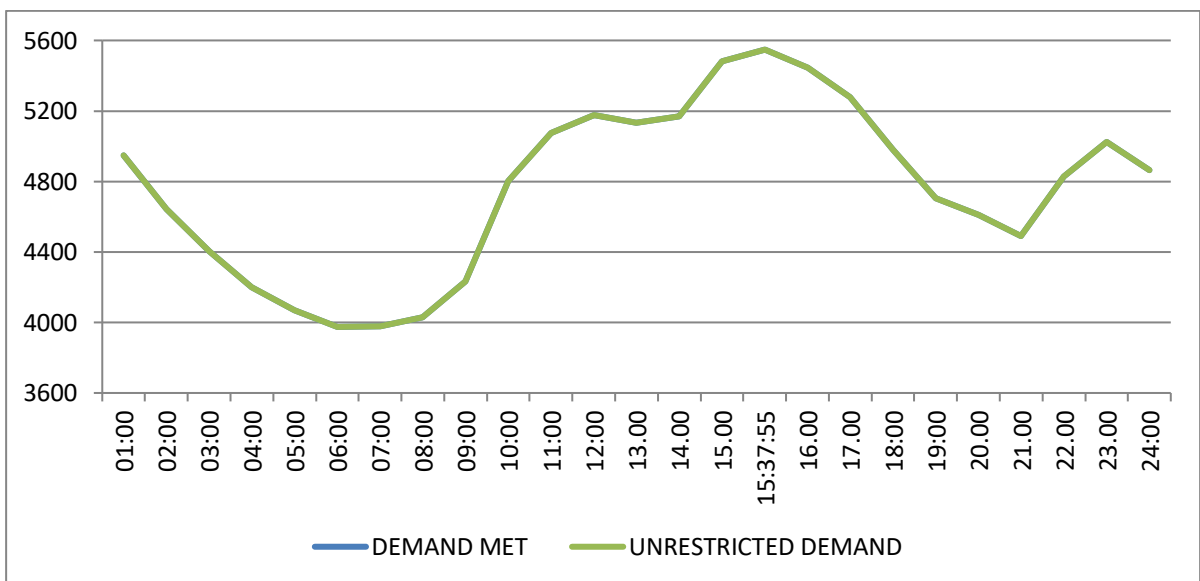
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0074	0.00740
02.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0008	0.00079
03.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0221	0.02206
04.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.1073	0.107332
05.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0118	0.011825
06.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0573	0.057259
07.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0203	0.02034
08.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.000000
09.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.000000
10.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0009	0.000881
11.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0018	0.001833
12.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.000000
13.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.000000
14.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.000000
15.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.000000
16.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0010	0.001042
17.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0022	0.002204
18.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0377	0.037672
19.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0139	0.013855
20.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0041	0.00407
21.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0163	0.01635
22.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0053	0.00527
23.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0178	0.017821
24.09.21	0.000	0.003	0.001	0.000	0.000	0.000	0.000	0.0083	0.00828
25.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0109	0.010900
26.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0017	0.001742
27.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.000000
28.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0109	0.010932
29.09.21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.000000
30.09.21	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.0269	0.134519
	0.000	0.004	0.001	0.000	0.000	0.000	0.000	0.387	0.494

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
01.09.21	92.398	4312	00:00:40	0	4312	4312	00:00:40	4312	0
02.09.21	95.267	4724	15:50:20	0	4724	4724	15:50:20	4724	0
03.09.21	102.411	5204	16:18:22	0	5204	5204	16:18:22	5204	0
04.09.21	100.153	4592	12:44:41	0	4592	4592	12:44:41	4592	0
05.09.21	96.458	4836	22:59:40	0	4836	4836	22:59:40	4836	0
06.09.21	112.272	5528	22:53:58	0	5528	5528	22:53:58	5528	0
07.09.21	114.355	5548	15:37:55	0	5548	5548	15:37:55	5548	0
08.09.21	109.547	5257	15:00:50	0	5257	5257	15:00:50	5257	0
09.09.21	111.727	5154	15:32:39	0	5154	5154	15:32:39	5154	0
10.09.21	106.963	5150	15:40:10	0	5150	5150	15:40:10	5150	0
11.09.21	90.540	4526	00:01:08	0	4526	4526	00:01:08	4526	0
12.09.21	85.246	4055	19:04:58	0	4055	4055	19:04:58	4055	0
13.09.21	95.189	4888	12:14:59	0	4888	4888	12:14:59	4888	0
14.09.21	96.937	4798	15:39:02	0	4798	4798	15:39:02	4798	0
15.09.21	100.408	4909	16:14:31	0	4909	4909	16:14:31	4909	0
16.09.21	98.480	4580	10:27:57	0	4580	4580	10:27:57	4580	0
17.09.21	92.613	4494	11:50:59	0	4494	4494	11:50:59	4494	0
18.09.21	91.125	4307	18:58:30	0	4307	4307	18:58:30	4307	0
19.09.21	93.182	4604	22:58:05	0	4604	4604	22:58:05	4604	0
20.09.21	108.045	5110	23:03:50	0	5110	5110	23:03:50	5110	0
21.09.21	108.272	5305	14:46:52	0	5305	5305	14:46:52	5305	0
22.09.21	101.468	4692	15:13:31	0	4692	4692	15:13:31	4692	0
23.09.21	102.475	4852	15:05:15	0	4852	4852	15:05:15	4852	0
24.09.21	97.613	4835	12:04:00	0	4835	4835	12:04:00	4835	0
25.09.21	95.775	4476	19:10:20	0	4476	4476	19:10:20	4476	0
26.09.21	91.911	4305	22:51:51	0	4305	4305	22:51:51	4305	0
27.09.21	102.878	4948	15:19:40	0	4948	4948	15:19:40	4948	0
28.09.21	107.644	5123	15:49:50	0	5123	5123	15:49:50	5123	0
29.09.21	109.390	5193	15:36:06	0	5193	5193	15:36:06	5193	0
30.09.21	113.993	5253	15:31:38	0	5253	5253	15:31:38	5253	0
	3024.735	5548	15:37:55	0	5548	5548	15:37:55	5548	0
		07.09.21			07.09.21				

9. **LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING SEPTEMBER 2021 ON 07.09.2021-5548MW AT 15:37:55HRS.**

All figures in MW

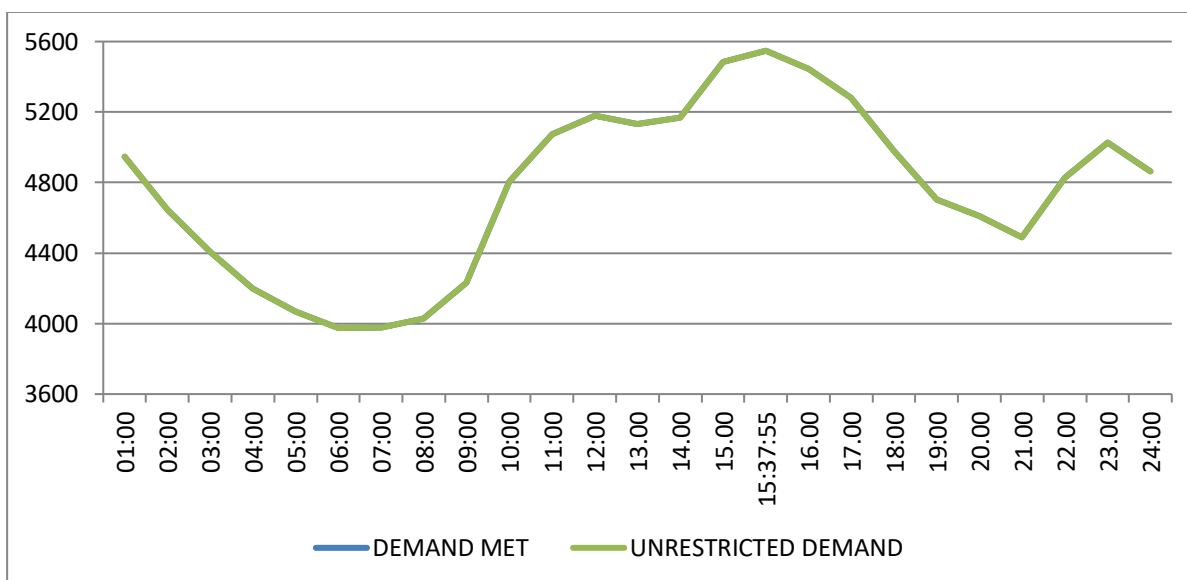
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4948	0	4948
02:00	4644	0	4644
03:00	4404	0	4404
04:00	4199	0	4199
05:00	4070	0	4070
06:00	3975	0	3975
07:00	3977	0	3977
08:00	4029	0	4029
09:00	4233	0	4233
10:00	4804	0	4804
11:00	5075	0	5075
12:00	5178	0	5178
13:00	5133	0	5133
14:00	5169	0	5169
15:00	5483	0	5483
15:37:55	5548	0	5548
16:00	5444	0.0	5444
17:00	5280	0	5280
18:00	4980	0	4980
19:00	4703	0	4703
20:00	4611	0	4611
21:00	4489	0	4489
22:00	4829	0	4829
23:00	5026	0	5026
24:00	4863	0	4863
Total (IN MUS)	114.355	0.020	114.375



10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING SEPTEMBER 2021 ON 07.09.2021-5548 MW AT 15.37.55HRS.

All figures in MW

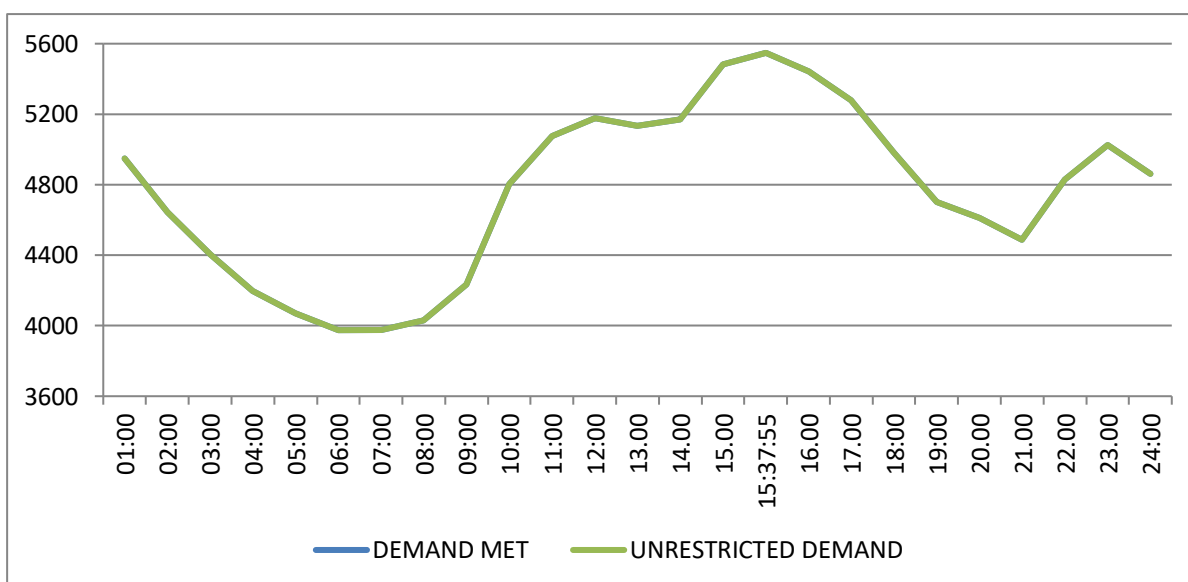
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4948	0	4948
02:00	4644	0	4644
03:00	4404	0	4404
04:00	4199	0	4199
05:00	4070	0	4070
06:00	3975	0	3975
07:00	3977	0	3977
08:00	4029	0	4029
09:00	4233	0	4233
10:00	4804	0	4804
11:00	5075	0	5075
12:00	5178	0	5178
13:00	5133	0	5133
14:00	5169	0	5169
15:00	5483	0	5483
15:37:55	5548	0	5548
16:00	5444	0.0	5444
17:00	5280	0	5280
18:00	4980	0	4980
19:00	4703	0	4703
20:00	4611	0	4611
21:00	4489	0	4489
22:00	4829	0	4829
23:00	5026	0	5026
24:00	4863	0	4863
Total (IN MUS)	114.355	0.020	114.375



11 **LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING SEPTEMBER 2021 – 07.09.2021-114.355 Mus**

All figures in MW

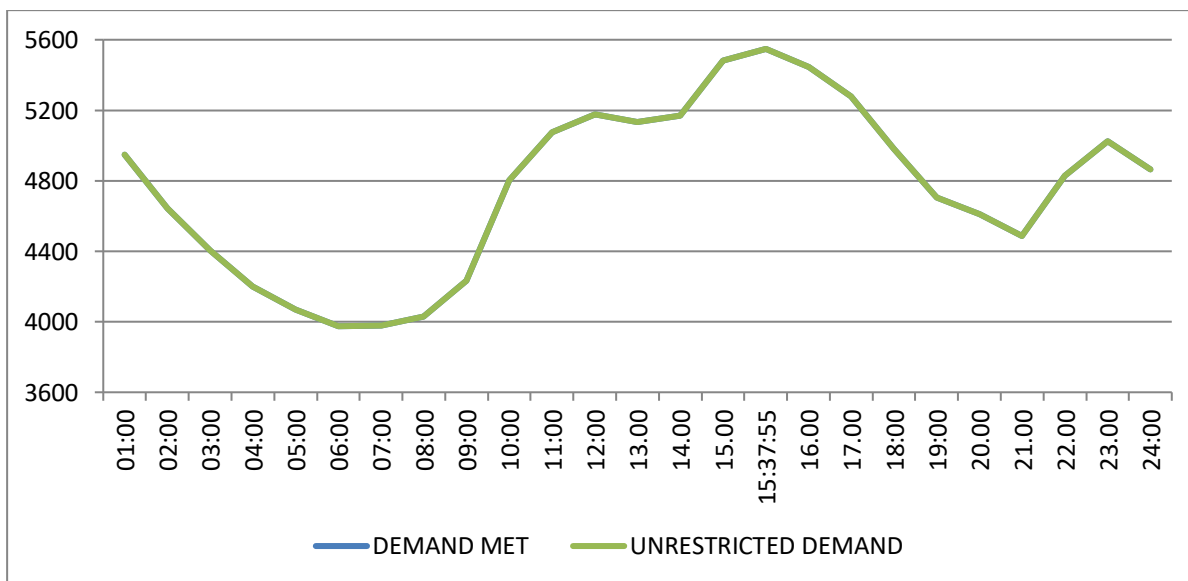
Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4948	0	4948
02:00	4644	0	4644
03:00	4404	0	4404
04:00	4199	0	4199
05:00	4070	0	4070
06:00	3975	0	3975
07:00	3977	0	3977
08:00	4029	0	4029
09:00	4233	0	4233
10:00	4804	0	4804
11:00	5075	0	5075
12:00	5178	0	5178
13:00	5133	0	5133
14:00	5169	0	5169
15:00	5483	0	5483
15:37:55	5548	0	5548
16:00	5444	0.0	5444
17:00	5280	0	5280
18:00	4980	0	4980
19:00	4703	0	4703
20:00	4611	0	4611
21:00	4489	0	4489
22:00	4829	0	4829
23:00	5026	0	5026
24:00	4863	0	4863
Total (IN MUS)	114.355	0.020	114.375



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING SEPTEMBER 2021 – ON 07.09.2021-114.375-MUs

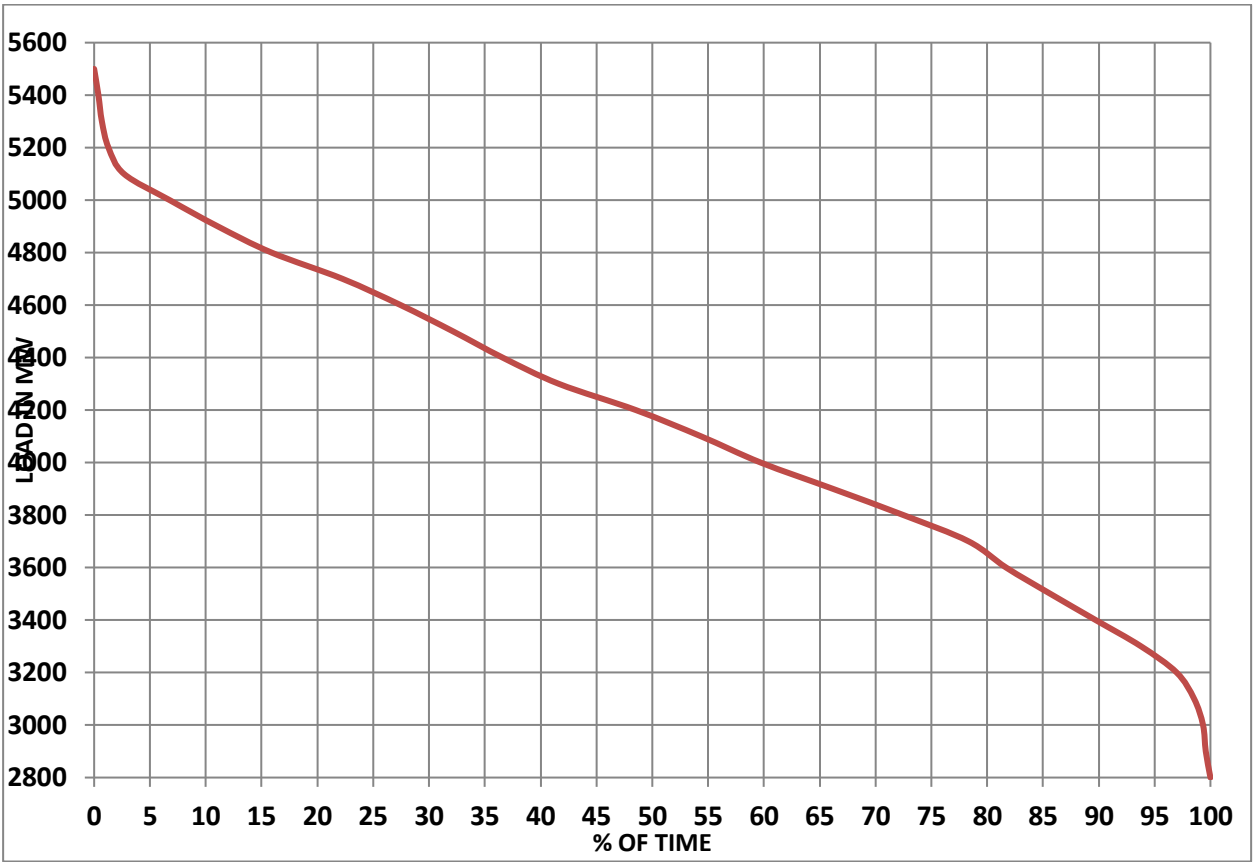
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
01:00	4948	0	4948
02:00	4644	0	4644
03:00	4404	0	4404
04:00	4199	0	4199
05:00	4070	0	4070
06:00	3975	0	3975
07:00	3977	0	3977
08:00	4029	0	4029
09:00	4233	0	4233
10:00	4804	0	4804
11:00	5075	0	5075
12:00	5178	0	5178
13:00	5133	0	5133
14:00	5169	0	5169
15:00	5483	0	5483
15:37:55	5548	0	5548
16:00	5444	0.0	5444
17:00	5280	0	5280
18:00	4980	0	4980
19:00	4703	0	4703
20:00	4611	0	4611
21:00	4489	0	4489
22:00	4829	0	4829
23:00	5026	0	5026
24:00	4863	0	4863
Total (IN MUS)	114.355	0.020	114.375



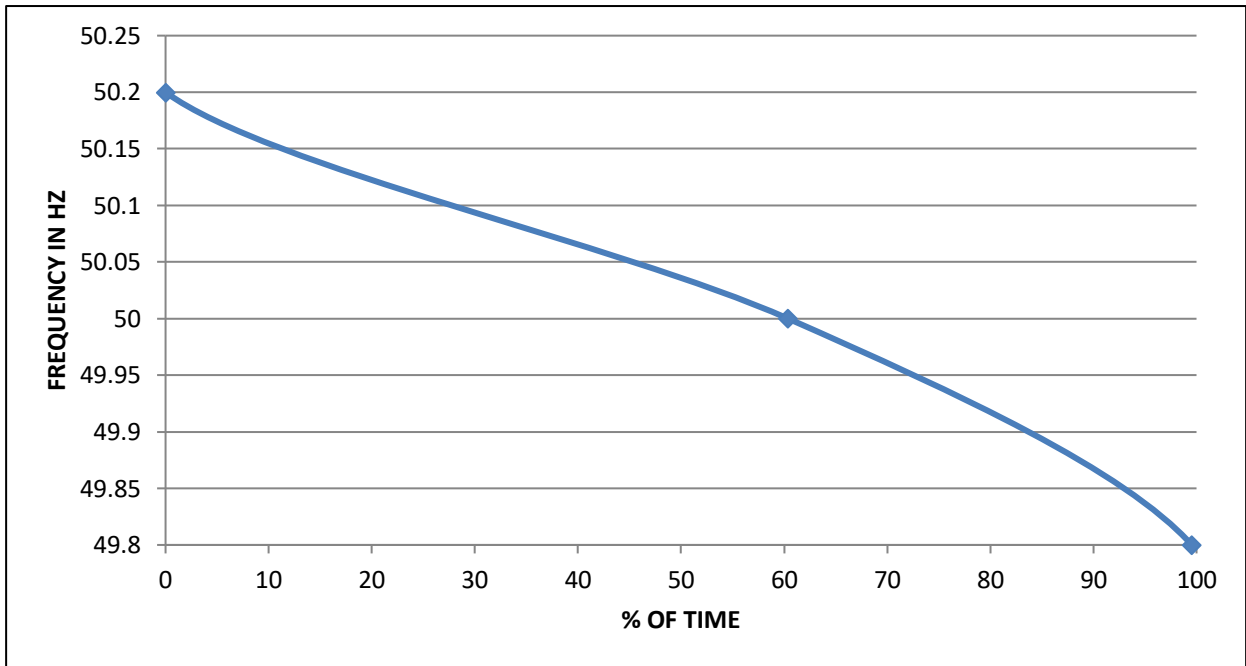
13 LOAD DURATION CURVE FOR SEPTEMBER 2021

LOAD REMAINED ABOVE IN MW	DURATION IN HOURS	(%) OF TIME
5500	0.00	0.00
5400	2.75	0.38
5300	5.00	0.69
5200	9.25	1.28
5100	19.25	2.67
5000	48.75	6.77
4900	79.75	11.08
4800	114.50	15.90
4700	160.25	22.26
4600	197.75	27.47
4500	231.50	32.15
4400	263.50	36.60
4300	299.75	41.63
4200	349.50	48.54
4100	391.50	54.38
4000	430.00	59.72
3900	476.50	66.18
3800	522.00	72.50
3700	564.00	78.33
3600	588.25	81.70
3500	616.75	85.66
3400	646.00	89.72
3300	675.25	93.78
3200	698.25	96.98
3100	709.50	98.54
3000	715.25	99.34
2900	717.00	99.58
2800	720.00	100.00



14 FREQUENCY ANALYSIS FOR THE MONTH OF SEPTEMBER 2021

FREQUENCY REMAINED ABOVE IN HZ	DURATION IN HOURS	(%) OF TIME
50.4	0.00	0.00
50.2	0.00	0.00
50	434.75	60.38
49.8	716.75	99.55
49.6	720.00	100.00



15 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING SEPTEMBER 2021

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.09.21	230.22	221.1	231.31	223.28
02.09.21	230.35	218.8	233.37	218.75
03.09.21	229.15	218.09	230.32	219.18
04.09.21	230.41	221.03	231.49	220.07
05.09.21	229.65	219.54	231.84	220.42
06.09.21	227.66	216.07	227.31	216.12
07.09.21	228.66	217.33	229.79	217.51
08.09.21	229	217.52	229.44	217.34
09.09.21	227.81	217.27	227.79	217.39
10.09.21	230.14	218.4	230.45	218.46
11.09.21	230.93	222.59	232.48	223.26
12.09.21	231.6	222.63	233.34	222.04
13.09.21	232.16	218.79	232.66	220.86
14.09.21	229.04	218.21	231.56	219.18
15.09.21	229.47	216.26	231.74	216.62
16.09.21	228.26	219.29	229.72	220.34
17.09.21	231.89	219.16	234.38	219.95
18.09.21	229.21	219.06	231	217.98
19.09.21	229.9	219.85	229.6	218.99
20.09.21	227.75	213.42	229.81	215.97
21.09.21	227.26	217.56	229.82	218.49
22.09.21	229.5	219.95	232.4	218.99
23.09.21	228.39	218.25	232.9	219.67
24.09.21	228.41	0	234.42	219.56
25.09.21	228.98	219.76	234.01	221.23
26.09.21	228.55	219.51	232	223.23
27.09.21	228.1	217.17	232.09	218.18
28.09.21	227.19	216.21	231.28	217.88
29.09.21	228	217.48	231.7	217.88
30.09.21	228.63	217.33	230.04	217.4

16 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING SEPTEMBER 2021

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.09.21	419.96	07:01:22	407.74	19:19:15	414.51
02.09.21	422.05	04:02:00	402.18	16:48:58	412.44
03.09.21	420.6	06:03:02	402.31	12:14:57	411.98
04.09.21	421.52	03:33:18	404.3	11:11:34	413.26
05.09.21	419.75	06:03:32	404.21	19:41:28	412.27
06.09.21	414.87	06:04:35	398.48	10:55:24	406.3
07.09.21	419.56	06:03:58	401.17	10:36:39	409.01
08.09.21	420.3	04:02:40	400.82	19:20:42	409.22
09.09.21	417.17	07:01:01	400.41	10:13:45	408.44
10.09.21	420.67	06:03:17	402.4	10:18:23	411.63
11.09.21	423.1	06:02:00	408.51	18:52:54	416.69
12.09.21	423.01	03:12:28	406.18	19:16:26	415.22
13.09.21	421.89	06:03:02	403.69	09:39:56	413.88
14.09.21	421.91	03:08:29	401.86	19:17:54	412.03
15.09.21	420.7	04:01:50	396.16	18:39:21	408.96
16.09.21	418.47	04:02:44	402.87	18:51:00	412.47
17.09.21	424.23	04:02:03	402.06	18:56:04	412.31
18.09.21	419.2	04:02:13	401.59	10:29:20	409.41
19.09.21	418	06:08:00	402.77	18:54:05	411.13
20.09.21	418.4	06:04:11	398.41	12:11:41	409.17
21.09.21	418.75	07:59:53	402.82	11:20:16	412.07
22.09.21	422.06	06:04:48	405.98	18:39:40	413.51
23.09.21	419.71	06:03:58	401.41	10:29:06	411.31
24.09.21	420.41	03:55:59	397.05	19:06:44	410.09
25.09.21	421.02	04:00:36	401.52	19:12:27	410.8
26.09.21	418.63	04:01:23	403.69	19:07:45	412.34
27.09.21	418.31	06:02:19	399.39	10:39:53	408.06
28.09.21	416.96	06:02:48	397.34	11:22:01	408.1
29.09.21	419.05	06:02:37	400.14	10:12:13	410.18
30.09.21	418.62	06:03:25	400.12	10:14:22	410.39

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.09.21	419.17	06:03:39	408.28	12:16:33	414.15
02.09.21	423.16	08:02:00	405.3	16:47:23	413.85
03.09.21	422.42	06:04:57	403.62	14:41:17	412.47
04.09.21	424.02	08:03:19	403.52	19:22:10	413.75
05.09.21	422.27	06:05:50	404.46	19:41:58	412.93
06.09.21	416.35	06:28:47	398.64	12:26:07	407.08
07.09.21	421.14	06:11:52	401.99	11:51:32	409.59
08.09.21	421.5	06:04:48	402	19:19:54	410.16
09.09.21	420.05	07:01:17	401.26	14:41:05	408.8
10.09.21	420.88	06:03:32	402.21	11:41:32	411.18
11.09.21	423.85	06:05:18	409.91	19:03:40	416.74
12.09.21	423.03	08:03:06	406.65	19:32:44	414.32
13.09.21	424.28	06:03:25	405.82	10:12:50	414.25
14.09.21	421.72	06:03:34	403.41	19:18:18	412.71
15.09.21	424.06	06:03:39	397.37	19:16:23	410.28
16.09.21	418.24	06:17:06	404.97	19:12:27	412.35
17.09.21	424.15	04:02:12	403.76	18:56:01	413.85
18.09.21	420.32	05:01:18	402.44	19:19:54	410.96
19.09.21	419.7	06:08:08	403.21	18:54:10	411.11
20.09.21	417.42	06:05:25	398.77	11:53:41	408.09
21.09.21	419.34	08:00:20	404.07	12:12:45	411.83
22.09.21	423.46	06:16:21	407.05	19:04:43	414.72
23.09.21	424.04	06:03:33	407.39	19:08:09	414.98
24.09.21	422.51	06:02:49	402.51	19:03:06	413.1
25.09.21	423.07	03:46:08	402.84	18:52:59	414.32
26.09.21	421.84	06:35:34	403.78	19:19:09	414.34
27.09.21	420.81	06:17:03	402.42	10:39:39	410.5
28.09.21	419.21	07:01:05	400.81	10:19:49	409.71
29.09.21	419.58	06:31:21	400.67	10:46:17	409.67
30.09.21	420.77	06:52:50	401.34	10:28:24	410.52

DETAILS OF BREAK-DOWNS / TRIPPING DURING THE MONTH OF SEPT 2021

SL N O	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	01.09.21	03:33	KANJHAWALA 66/11kV, 20MVA Tx-II	01.09.21	3:59	TRIPPED WITHOUT INDICATION.
2	01.09.21	04:55	220kV GAZIPUR- PATPARGANJ CKT	01.09.21	11:16	AT GAZIPUR : 86.
3	01.09.21	07:45	220kV PRAGATI - SARITA VIHAR CKT - I	01.09.21	12:35	AT SARITA VIHAR : DIST PROT, DIST 15.61KM, ZONE-II.
4	01.09.21	08:55	KANJHAWALA 220/66kV 100MVA Tx-II	01.09.21	10:29	86
5	01.09.21	10:57	NARELA 220/66kV 100MVA Tx-III	01.09.21	13:42	E/F.
6	01.09.21	23:17	220kV NARELA - MANDOLA CKT-II	02.09.21	12:19	AT NARELA : DIST PROT, ZONE-II, DIST 23.73KM.
7	01.09.21	23:37	NARELA 220/66kV 100MVA Tx-III	02.09.21	2:09	DIFFERENTIAL, E/F
8	03.09.21	13:13	220kV MAHARANI BAGH - SARITA VIHAR CKT	03.09.21	16:20	AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 8.38KM.
9	03.09.21	13:40	RAJGHAT 220/33kV 100MVA Tx-2	03.09.21	15:55	86
10	03.09.21	13:55	VASANT KUNJ 220/66kV 160MVA Tx-I	04.09.21	18:35	86
11	04.09.21	08:12	OKHLA 220/33kV 100MVA Tx-V	04.09.21	17:48	O/C.
12	05.09.21	09:34	ROHINI 66/11kV, 20MVA Tx-I	05.09.21	10:41	86
13	05.09.21	12:42	LODHI RD 33/11kV, 20MVA Tx-I	05.09.21	20:35	86
14	06.09.21	02:29	220 KV PATPARGANJ - I.P. CKT-II	06.09.21	4:53	AT I.P. : 186.
15	06.09.21	08:18	LODHI RD 33/11kV, 20MVA Tx-I	06.09.21	14:15	86B.
16	06.09.21	11:10	MASJID MOTH 220/33kV 100MVA Tx-I	06.09.21	15:35	E/F, 86.
17	06.09.21	11:10	MASJID MOTH 220/33kV 100MVA Tx-II	06.09.21	11:26	E/F, 86.
18	07.09.21	01:05	OKHLA 220/33kV 100MVA Tx-V	07.09.21	17:20	E/F.
19	07.09.21	14:16	220kV GOPALPUR- MANDOLACKT-I	07.09.21	17:10	AT GOPALPUR : 86, CBC.
20	07.09.21	18:38	220kV WAZIRABAD - KASHMERE GATE CKT-I	08.09.21	8:22	AT WAZIRABAD :DIST PROT, ZONE-I, DIST 1.24KM.
21	11.09.21	05:35	VASANT KUNJ 66/11kV, 20MVA Tx-I	11.09.21	11:20	E/F.
22	11.09.21	05:58	400kV Bamnauli-Jhatikara Ckt-II	11.09.21	12:34	AT BAMNAULI : 186A&B.
23	11.09.21	07:58	MUNDKA 220/66kV 160MVA Tx-II	11.09.21	14:37	POLE DISCRIPANCY.
24	11.09.21	08:28	KANJHAWALA 220/66kV 100MVA Tx-II	11.09.21	14:03	86
25	11.09.21	10:01	TRAUMA CENTER 220/33kV 100MVA Tx-I	11.09.21	13:10	SPR RELAY.
26	11.09.21	12:48	SHALIMAR BAGH 33/11kV, 20MVA Tx	11.09.21	13:10	DIFFERENTIAL.
27	11.09.21	12:52	220kV MAHARANI BAGH - PRAGATI CKT	11.09.21	14:04	AT PRAGATI : DIST PROT, DIST 3KM, E/F,186.
28	11.09.21	13:13	PRAGATI 220/66kV 160MVA Tx-I	11.09.21	16:12	BUCHHOLZ, 86.
29	12.09.21	05:35	VASANT KUNJ 66/11kV, 20MVA Tx-I	12.09.21	11:20	86, E/F.
30	12.09.21	10:01	TRAUMA CENTER 220/33kV 100MVA Tx-I	12.09.21	13:10	SPR.
31	12.09.21	12:52	220kV MAHARANI BAGH - PRAGATI CKT	12.09.21	14:04	AT PRAGATI : DIST PROT, ZONE-I, 1486, O/C, E/F.
32	13.09.21	10:27	DSIIDC Bawana 220/66kV 100MVA Tx-III	13.09.21	13:28	SPR.
33	13.09.21	11:48	220kV BAMNAULI - DIAL CKT-I	13.09.21	16:53	AT DIAL : E/F, DIST PROT, ZONE-II, DIST 3.5KM.
34	18.09.21	21:00	220kV WAZIRABAD - KASHMERE GATE CKT-I	18.09.21	22:05	AT KASHMIRI GATE : 86, DIFFERENTIAL.
35	24.09.21	11:05	220kV GOPALPUR- MANDOLACKT-II	24.09.21	16:32	AT GOPALPUR : SUPPLY FAILED.
36	24.09.21	16:25	DSIIDC Bawana 220/66kV 100MVA Tx-III	24.09.21	20:10	DIFFERENTIAL. 86.
37	27.09.21	14:14	220kV NARELA - MANDOLA CKT-II	27.09.21	18:38	AT NARELA : DIFFERENTIAL, 86.

SL N O	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
38	27.09.21	16:56	220kV MAHARANI BAGH - SARITA VIHAR CKT	27.09.21	19:10	AT SARITA VIHAR : DIST PRO, ZONE-I, DIST 5.717KM.
39	28.09.21	1:40	INDRAPRASTHA POWER 220/33kV 100MVA Tx-III	28.09.21	05:00	E/F.
40	28.09.21	1:40	INDRAPRASTHA POWER 220/33kV 100MVA Tx-III	28.09.21	05:00	E/F.
41	28.09.21	1:40	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	28.09.21	05:00	E/F
42	28.09.21	09:42	220kV BAMNAULI-PAPPANKALAN-II CKT-II	28.09.21	13:41	AT PAPANALAN-II : 86, DIFFERENTIAL.
43	28.09.21	15:50	OKHLA 33kV OKHLA CKT-II	28.09.21	19:05	HEAVY SPARKING.
44	28.09.21	15:50	OKHLA 33kV OKHLA CKT-II	28.09.21	19:05	HEAVY SPARKING.
45	28.09.21	15:50	OKHLA 33kV NEHRU PLACE CKT-I	28.09.21	16:54	HEAVY SPARKING.
46	30.09.21	11:10	NAJAFGARH 66/11kV, 20MVA Tx-II	30.09.21	12:30	SPARKING ON NCT.
47	30.09.21	12:01	400kV Mundka-Jhatikara Ckt-II	30.09.21	16:35	AT MUNDKA : DIST PROT, DIST 9KM.
48	30.09.21	16:44	LODHI RD 220/33kV 100MVA Tx-II	30.09.21	18:34	86
49	30.09.21	16:44	KASHMIRI GATE 33/11kV, 16MVA Tx	30.09.21	18:40	86

18 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF SEPTEMBER 2021

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