DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

JANUARY 2021

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	JAN. 2020	JAN. 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	1371	1371
	TOWMCL (Waste to Energ Plant)	16	16
	EDWPCL (Waste to Energ Plant)	10	10
	DMSWL (Waste to Energ Plant)	24	24
	Total	2156	2156
2	**Maximum Unrestricted Demand (MW)**	**5226**	**5021**
	Date	01.01.2020	01.01.2021
	Time	10.45.00	10.35.31
3	**Peak Demand met (MW)**	**5226**	**5021**
	Date	01.01.2020	01.01.2021
	Time	10.45.00	10.35.31
4	Peak Availability (MW)	5249	4764
5	Shortage (-) / Surplus (+) in MW	(+) 23	(-) 257
6	Percentage Shortage (-) / Surplus (+)	(+) 0.44	(-) 5.12
7	Maximum Energy Consume in a day (Mus)	84.539	77.902
8	Energy Consumed during the month	**2294.025**	**2269.552**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.000	0.003
ii)	Manual Load shedding from DTL S/Stns.	0.000	0.000
iii)	Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation		
	TPDDL	0.000	0.000
	BRPL	0.000	0.000
	BYPL	0.000	0.000
	NDMC	0.000	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.000	0.000
	Total due to Grid Restriction	**0.000**	**0.003**
B)	Due to Constraints in System in Mus		
	DTL	0.073	0.105
	TPDDL	0.016	0.019
	BRPL	0.155	0.095
	BYPL	0.013	0.019
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.003	0.001
	Total	**0.260**	**0.237**
10	**Grand Total in Mus**	**0.260**	**0.240**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING JANUARY 2021

A) For the month of Jan 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	0.124	-0.124	0.00	0.00
2.	**GT**	30.528	1.482	29.046	14.95	145.722
3.	**PPCL**	120.599	2.427	118.172	49.93	137.375
4.	**Bawana**	206.685	7.903	198.782	103.22	826.825
5.	**Towmcl**	12.611	1.766	10.845	--	--
6.	**EDWPCL**	3.404	0.718	2.686	--	--
7.	**DMSWL**	11.360	1.840	9.520	--	--
	TOTAL	**385.187**	**16.260**	**368.927**	**--**	**1109.922**

B) For the Year 2020-21 (Upto January 2021)

Power Station	Effective Capacity (MW)	Net Generation in MUs for Jan 2021	Availability PLF (%) for Jan 2021	PLF (%) for Jan 2021	Cumulative Generation in MUs upto Jan 2021 for the year 2020-21	Cumulative Availability in % upto Jan 2021 for the year 2020-21
RPH	135	-0.124	0.00	-0.06	-1.225	0.00
GT	270	29.046	89.74	20.20	386.890	87.69
PPCL	330	118.172	107.61	55.45	1292.365	91.92
Bawana	1372	198.782	103.20	91.83	2613.116	92.12
Towmcl	16	10.845	--	--	121.303	--
EDWPCL	10	2.686	--	--	15.159	--
DMSWL	24	9.520	--	--	112.114	--
TOTAL	2936	**368.927**	--	--	**4539.722**	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2020

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**	1-04-20	2:19	1-04-20	02:40	Unit tripped due to high LTTH
		1-04-20	8:30	16-04-20	16:05	Low Demand
		17-04-20	9:05	17-4-20	12:15	Low Demand
		21-04-20	03:15	25-4-20	10:40	GT tripped due to excitation trouble
		10-05-20	12:45	22-05-20	13:33	Low down
		23-05-20	5:40	23-05-20	09:45	Unit tripped due to failure of controller and I/O Pack
		26-05-20	12:45	26-05-20	13:30	Unit tripped due to fuse failure of field devices
		29-05-20	01:30	06-06-20	14:12	Low Demand
		06-06-20	18:10	09-06-20	13:40	Low Demand
		10-06-20	19:30	12-06-20	12:48	Low Demand
		07-07-20	9:00	07-07-20	12:18	To attend hot spot on R Phase Bus Isolator in 66 Kv switchyard and C&I I/O pack problem.
		29-07-20	15:45	16.08.20	02:50	Low demand
		16.08.20	12:00	27.08.20	10:52	Low demand
		01.10.20	0:00	13.10.20	10:08	Low demand
		24.10.20	17:43	05.11.20	10:46	Low demand
		09.11.20	7:50	09.11.20	9:53	Unit tripped due to tripping of both 160 MVA transformers
		09.11.20	9:53	30.11.20	23:59	Low demand
		01.12.20	0:00	05.12.20	0:00	Low demand
		09.12.20	17:00	18.12.20	1:18	Low demand
		23.12.20	12:30	08.01.21	9:31	Low demand
		13.01.21	16:50	13.01.21	17:10	Unit tripped due to heavy jerk in system
		20.01.21	12:30	31.01.21	23:59	Low demand

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	1-4-20	0:00	1-4-20	4:51	Low Demand
		16-4-20	15:30	16-4-20	16:05	GT tripped due to excitation trouble
		16-4-20	16:05	17-4-20	8:00	Low Demand
		17-4-20	11:40	17-4-20	13:30	GT tripped due to excitation trouble
		17-4-20	13:30	21-4-20	04:06	Low Demand
		25-4-20	10:10	25-4-20	10:40	Low Demand
		25-4-20	10:40	06-05-20	20:09	Low Demand
		22-5-20	11:52	22-5-20	18:33	Unit tripped due to tripping of both 160 MVA IBT Txs
		06-06-20	13:43	06-06-20	17:25	Unit tripped due to start up fuel flow excessive trip and loss of flame trip.
		29-07-20	15:46	21.08.20	16:39	Low demand
		21.08.20	16:45	27.08.20	10:06	Low demand
		13.10.20	11:45	13.10.20	13:45	Unit stopped due to Heavy smoke observe in load gear compartment
		13.10.20	13:45	24.10.20	16:58	Low demand
		05.11.20	11:50	09.11.20	9:53	Low demand
		09.11.20	11:20	09.11.20	11:50	Unit tripped due to AVR problem
		05.12.20	12:32	05.12.20	14:30	Unit stopped to change GT filters
		05.12.20	14:30	09.12.20	15:54	Low demand
		08.01.21	10:40	08.01.21	11:15	Low demand
		08.01.21	12:15	19.01.21	12:30	Low demand
		19.01.21	15:30	20.01.21	11:15	Low demand
3	30	01-04-20	0:00	31.01.21	23:59	Low Demand
4	30	01-04-20	0:00	31.01.21	23:59	Low Demand
5	30	01-04-20	0:00	22-05-20	16:57	Low Demand
		22-05-20	19:58	27-07-20	18:35	Low Demand
		13.08.20	9:35	13.08.20	17:04	Unit tripped on high TAD
		16.08.20	5:55	16.08.20	11:18	Low demand
		27.08.20	13:24	31.01.21	23:59	Low demand
6	30	01-04-20	0:00	24-05-20	19:00	Low Demand
		29-5-20	1:30	27-07-20	18:06	Low demand
		24.08.20	14:45	24.08.20	15:13	GT out due to 11 Kv breaker SF6 gas pressure low
		24.08.20	16:45	24.08.20	18:11	GT out due to 11 Kv breaker SF6 gas pressure low
		27.08.20	13:10	31.01.21	23:59	Low demand

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-1	30	1-4-20	1:52	1-4-20	8:24	Tripped due to operation of channel-1 & channel -II tripping
		16-4-20	15:30	16-4-20	18:36	STG stopped due to tripping of GT#2
		17-4-20	11:40	17-4-20	14:05	STG stopped due to tripping of GT#2
		21-4-20	3:15	21-4-20	06:08	STG stopped due to tripping of GT#1
		25-4-20	10:10	25-4-20	11:15	STG stopped due to tripping of GT#1
		22-5-20	11:52	22-5-20	19:36	Unit tripped due to Grid disturbance
		06-06-20	13:43	06-06-20	15:46	Unit tripped due to GT#2 tripped.
		07-07-20	09:00	07-07-20	12:48	STG out due to GT#1 outage
		29-07-20	15:46	16.08.20	5:45	Low demand
		16.08.20	12:00	27.08.20	12:58	Low demand
		02.09.20	10:22	02.09.20	11:05	unit out due to C& I problem
		07.09.20	7:16	07.09.20	13:05	Unit stopped to attend oil leakage in flexible pipe of control valve.
		09.09.20	15:31	09.09.20	16:16	Unit stopped to attend oil leakage in flexible pipe of control valve.
		20.10.20	3:55	20.10.20	9:05	Unit tripped due to low condensor vaccum
		09.11.20	7:50	09.11.20	9:53	Unit tripped due to tripping of both 160 MVA transformers
		10.11.20	13:30	10.11.20	18:13	Unit stopped to attend ESV oil leakage.
		13.11.20	14:24	13.11.20	16:24	Unit tripped due to Channel-1 & 2 trippings
		03.01.21	23:18	04.01.21	5:22	Unit tripped due to tripping of 800 KVA transformer
		13.01.21	16:50	13.01.21	17:55	Unit tripped due to heavy jerk in system
STG-2	30	01-04-20	0:00	31.01.21	23:59	Low Demand
STG-3	30	01-04-20	0:00	24-05-20	23:09	Low Demand
		24-05-20	23:22	25-05-20	02:49	Unit out due to high turbine Vibration
		29-05-20	1:30	27-07-20	24:00	Low Demand
		13.08.20	9:45	13.08.20	11:07	Unit tripped on Low consendor Vaccum
		15.08.20	18:55	16.08.20	10:45	unit tripped due to heavy jerk occurd in control room
		19.08.20	10:35	19.08.20	16:55	unit tripped on alarm CH-I, CH-II Class-A trip realy .
		27.08.20	13:24	31.01.21	23:59	Low demand

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	01.04.20	00:00	17.04.20	17:33	GT-1 started swat GT-2
		17.04.20	16:24	30.04.20	24:00	GT-1 stopped
		02.05.20	07:09	02.05.20	10:45	To attend hot spot
		20.05.20	14:20	22.05.20	09:00	GT-1 started swat GT-2
		22.05.20	09:00	25.05.20	21:00	Shut-down for planned maintenance
		25.05.20	21:00	26.05.20	12:04	GT-1 started swat GT-2
		06.06.20	16:52	06.06.20	21:00	GT-1 started swat GT-2
		06.06.20	21:00	07.06.20	12:00	Internal Fault
		07.06.20	12:00	12.06.20	13:50	Low demand
		21.07.20	02:24	27.07.20	15:08	Low demand
		12.08.2020	23:12	13.08.20	10:28	GT#1was stopped and started as desired by SLDC
		04.09.20	19:21	04.09.20	20:39	GT#1 tripped on internal Fault
		04.09.20	21:02	04.09.20	23:01	GT#1 tripped on same trouble.
		04.09.20	23:01	11.09.20	15:08	GT#1 remained stopped due to non -schedule by SLDC and started to swap GT#2
		12.09.20	15:44	14.09.20	15:04	GT#1 started as per SLDC demand.
		24.09.20	14:40	28.09.20	06:00	GT#1 stopped on Fuel gas supply stopped by GAIL and started on Gas supply resumed.
		28.09.20	06:00	12.10.20	12:00	GT#1 remained stopped due to non -schedule by SLDC. Outage continued……
		12.10.2020	12:00	19.11.2020	21:21	GT#1 taken for planned maint. (HGPI)
		19.11.2020	22:30	20.11.2020	18:08	GT#1stopped due to non-scheduling and started.
		23.11.2020	18:22	23.11.2020	22:00	GT#1 stopped due to internal Fault
		20.11.2020	22:00	26.11.2020	14:30	GT#1 remain stopped due to non-scheduling and started to swap GT#2.
		12.12.20	23:13	24.12.20	06:34	GT#1 swapped by GT#2.
		13.01.2021	16:49	13.01.2021	18:34	GT#1 tripped on internal Fault.
		13.01.2021	19:24	13.01.2021	20:15	GT#1 tripped on internal Fault.
2	104	17.04.19	18.47	18.04.19	12.45	Tripped on internal fault.
		01.05.20	00:00	20.05.20	12:00	GT-2 started swat GT-1
		22.05.20	12:50	22.05.20	14:00	Due to Grid Disturbance
		27.05.20	00:07	06.06.20	15:28	Low demand
		28.07.20	12:57	31.07.20	19:23	Low demand
		12.08.2020	23:12	13.08.20	10:28	GT#1was stopped and started as desired by SLDC
		01.09.20	00:00	04.09.20	17:53	…… Continued Outage. GT#2 stopped & as desired by SLDC.
		11.09.20	16:34	11.09.20	23:00	GT#2 stopped due to internal Fault
		11.09.20	23:00	24.09.20	14:32	GT#2 started to swap GT#1
		24.09.20	15:40	28.09.20	01:09	GT#2 started to swap GT#1
		19.11.2020	20:36	23.11.2020	16:33	GT#1stopped due to non-scheduling and started.
		26.11.2020	15:46	12.12.20	21:51	GT#2 swapped by GT#1. Outage continued…….
		17.12.20	08:28	17.12.20	12:20	GT#2 tripped on internal Fault.
		24.12.20	23:34	31.01.2021	23:59	GT#2 stopped due to non-scheduling. Outage continued…….

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	122	02.05.20	07:13	02.05.20	12:25	To attend hot spot
		20.05.20	14:48	20.05.20	16:46	STG tripped due to Grid Disturbance
		22.05.20	11:52	22.05.20	18:16	STG tripped due to Grid Disturbance
		24.05.20	06:23	24.05.20	07:33	Internal fault
		10.06.20	17:57	10.06.20	23:33	Due to Grid Disturbance
		01.09.20	13:20	01.09.20	15:02	STG tripped on internal Fault
		24.09.20	15:41	28.09.20	16:32	STG tripped on internal Fault
		07.12.20	06:38	07.12.20	07:44	STG tripped on Grid-Disturbance.
		13.12.20	13:30	13.12.20	15:52	STG stopped and started as required by DTL.(Due to bay equipment testing at 220 kV Pragati)
		17.12.20	08:28	17.12.20	13:55	STG tripped on GT#2 tripped.
		13.01.2021	19:49	13.01.2021	20:14	STG tripped on GT#1 tripped.

(D) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	27.06.20	23:10	28.06.20	18:00	Unit tripped due to fault in Thyristor Bridge Excitation Transformer
		19.07.20	09:00	19.07.20	14:00	GT#1 unloaded on high filter D.P. protection due to bad weather
		22.07.20	12:01	22.07.20	16:10	GT#1 unloaded on high filter D.P. protection due to bad weather
		23.07.20	04:32	23.07.20	08:40	GT#1 unloaded on high filter D.P. protection due to bad weather
		31.07.20	09:00	31.07.20	17:16	Unit tripped on high exhaust temperature Spread Trip
		09.08.20	04:23	09.08.20	12:08	GT#1 unloaded on high filter D.P. protection due to bad weather.
		9.9.20	13:04	9.9.20	13:57	Drop in gas pressure at Gail end cause unit tripping.
		18.9.20	15:01	18.9.20	16:22	Malfunction of Gas valve at PPCL end cause unit tripping.
		7.12.20	05:17	7.12.20	12:43	GT unloaded on high filter D.P. protection due to bad weather.
		29.1.21	01:52	29.1.21	02:42	GT#1 tripped @ 0152 hrs. due to combustion trouble & Synd.@ 0242 hrs
		29.1.21	03:19	29.1.21	06:56	Unit tripped on loss of LT supply
2	216	28.06.20	00:00	28.06.20	18:00	Unit take out of DC due to no back up supply
		10.07.2020	18:16	10.07.20	21:13	Failure of TK-2 Fan motor resulted in tripping of LT supply causing tripping of all auxiliaries including Lube Oil pumps of GT. GT#2 tripped on low lube oil pressure.
		22.07.20	04:29	22.07.20	18:30	GT#2 unloaded on high filter D.P. protection due to bad weather
		11.08.20	06:44	11.08.20	07:51	GT#2 unloaded on high filter D.P. protection due to bad weather.
		13.08.20	02:30	14.08.20	09:00	GT#2 unloaded on high filter D.P. protection due to bad weather
		2.9.20	00:00	24.9.20	14:10	DC of GT#2 taken out due to HGPI.
		2.10.20	00:00	19.10.20	04:30	DC of GT#2 taken out due to HGPI.
		1.12.20	03:41	1.12.20	13:58	GT#2 tripped @ 0341 hrs. due to Generator rotor earth fault .
		7.12.20	04:58	7.12.20	17:30	GT unloaded on high filter D.P. protection due to bad weather.
		16.12.20	06:42	16.12.20	14:12	GT#2 unloaded on high filter DP @ 7.15, at 0642 Hrs.
3	216	26.05.20	16:11	26.05.20	20:32	Unit tripped on closing of ASV along with ½ STG
		16.10.20	12:40	16.10.20	13:55	Unit Tripped due to opening of Generator circuit breaker and unit came on FSNL
		28.10.20	14:16	28.10.20	15:24	Unit stopped to change the UPS by C&I deptt.
		8.11.20	11:30	8.11.20	16:08	To attend the IBH problem.
		12.12.20	22.06	13.12.20	13:00	GT unloaded on high filter D.P. protection due to bad weather.
		12.1.21	09:22	12.1.21	10:46	GT unloaded on high filter D.P. protection due to bad weather.

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	216	13.06.20	14:00	14.06.20	06:49	To attend fault on Bus-1 'R' Phase
		12.12.20	04:36	12.12.20	12:13	GT#4 unloaded @ 0436 Hrs.due to high filter DP
STG -1	254	27.06.20	00:00	28.06.20	00:00	½ STG taken out due to outage of GT-1.
		28.06.20	00:00	28.06.00	18:00	STG is taken out out due to non availability of GT-1 & 2
		05.07.20	15:24	05.07.20	17:30	GT#1 Diverter damper closed due to failure of Trip Solenoid
		10.07.20	18:21	10.07.20	22:13	Half STG taken out due to outage of GT#2
		19.07.20	09:00	19.07.20	14:00	Half STG taken out due to outage of GT#1
		22.07.20	04:29	22.07.20	18:30	Half STG taken out due to outage of GT#2
		22.07.20	12:01	22.07.20	16:10	Half STG taken out due to outage of GT#1
		23.07.20	04:36	23.07.20	10.18	Half STG taken out due to outage of GT#1
		30.07.20	10:35	30.07.20	15:37	STG stopped due to problem in Y phase LA of STG 1 Transformer
		31.07.20	09:00	31.07.20	19:56	Half STG taken out due to outage of GT#1
		01.08.20	15.45	01.08.20	20:00	Desynchronise due to (HFW007) valve closed in heavy rain.
		09.08.20	04:23	09.08.20	12:08	Half STG taken out due to outage of GT#1.
		11.08.20	06:45	11.08.20	09:04	Half STG taken out due to outage of GT#2.
		13.08.20	02:30	14.08.20	09:00	Half STG taken out due to outage of GT#2.
		2.9.20	00:00	24.9.20	14:10	DC of 1/2 STG#1 taken out due to HGPI of GT#2.
		9.9.20	13:04	9.9.20	14:34	DC of 1/2 STG #1 taken out due to outage of GT#1.
		18.9.20	15:03	18.9.20	16:46	DC of 1/2 STG#1 taken out due to outage of GT#1.
		2.10.20	00:00	19.10.20	04:30	DC of 1/2 STG#1 taken out due to HGPI of GT#2.
		1.12.20	03:41	1.12.20	15:45	DC of 1/2 STG taken out due to outage of GT#2.
		7.12.20	04:58	7.12.20	19:01	DC of 1/2 STG taken out due to outage of GT#2.
		7.12.20	05:17	7.12.20	15:42	DC of 1/2 STG taken out due to outage of GT#1.
		10.12.20	02:00	11.12.20	00:40	STG#1 taken out from DC W.E.F.0200 HRS. Due to Lube Oil leakage.
		16.12.20	06:42	16.12.20	14:12	DC of 1/2 STG taken out due to outage of GT#2.
		29.1.21	01:52	29.1.21	14:25	STG#1 undergone forced outage due to damage in diaphragm
STG -2	254	21.05.20	16:41	21.05.20	17:51	Unit tripped due to Main Steam Temperature low
		26.05.20	16:11	26.05.20	21:30	Unit tripped on closing of ASV along with ½ GT-3
		13.06.20	14:00	14.06.20	06:49	½ STG taken out due to outage of GT-4
		29.06.20	02:16	29.06.20	04:18	Unit tripped on Pulse Failure in Channel-I & II due to UC voltage
		09.07.20	13:30	28.09.20	23.59	STG#2 taken out due to suspected stator earth fault
		5.10.20	10:00	7.10.20	23:59	Unit taken out of DC to check high vibration at exciter end.
		16.10.20	12:40	16.10.20	14:15	Unit Tripped due to opening of Generator circuit breaker and unit came on FSNL
		28.10.20	14:16	28.10.20	16:02	Unit stopped to change the UPS by C&I deptt.
		8.11.20	11:30	8.11.20	16:45	DC of 1/2 STG taken out due to outage of GT#3.
		12.12.20	04:36	13.12.20	12:13	DC of 1/2 STG taken out due to outage of GT#4.
		12.12.20	22.06	13.12.20	13:00	DC of 1/2 STG taken out due to outage of GT#3.
		21.12.20	11:19	21.12.20	12:09	Unit tripped on internal fault.
		12.1.21	09:22	12.1.21	15:29	DC of 1/2 STG taken out due to outage of GT#3.

4 ALLOCATION OF POWER TO DISCOMS

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

Name of the Stn	Installed capacity in MW	Capacity Allocation to Delhi In%	Capacity Allocation to Delhi in MW	DISCOMWISE CAPACITY ALLOCATION IN MW						
				BRPL	BYPL	TPDDL	NDMC	MES	RPH	NR
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			
TOTAL	**2020**		**1739.3**	**701.1**	**334.6**	**456.4**	**201.3**	**45.0**	**1.00**	**0.0**
CENTRAL SECTOR GENERATION										
NTPC STATIONS										
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**		**3221.98**	**1581**	**602**	**914**	**125**	**0**	**0**	**0**
NHPC (HYDRO)										
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		
Dhauli 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**	**121.6**	**122**	**0**	**0**	**0**	**0**

Name of the Stn	Installed capacity in MW	Capacity Allocation to Delhi In%	Capacity Allocation to Delhi in MW	DISCOMWISE CAPACITY ALLOCATION IN MW						
				BRPL	BYPL	TPDDL	NDMC	MES	RPH	NR
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**	**31.4**	**0**	**0**	**0**	**0**
Singrauli Hyd	8	19.13	1.53	0	0	1.53				
NPC (NUCLEAR)										
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**
Allocation from ER										
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)			**300.00**	**131.00**	**82.00**	**83.76**				
DVC(Mejia6)			100.00	44	25	31	0	0		
TOTAL	**4980**		**875.49**	**254**	**426**	**192**	**0**	**0**	**0**	**0**
Allocation from Long term Bilateral										
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				
RUMS - DMRC			99.00	47.5	26.3	25.2				
Sun Edision (From 18.11.2019)			**90.00**			**90**				
Teranda (HYD)(From 08.1.2020)			**12.65**			**12.65**				
BRBCL (From 15.01.2020)			**5.00**							5
JIPTL			9.46							9.46
TOTAL	2870		**875.81**	**117**	**166**	**579**	**0**	**0**	**0**	**14.46**
Total in MW	33445		7540	3078	1700	2371	326	45	1	14.46

B) ALLOCTION 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	TPDDL	NDMC	MES	RPH	NR
STATE GENERATING STATIONS										
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	
TOTAL	**2020**		**1739.31**	**40.31**	**19.24**	**26.24**	**11.57**	**2.58**	**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**		**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		
Dhauli 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**		**478.60734**	**49.06**	**25.40**	**25.54**	**0.00**	**0.00**		

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
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**	**14.83**	**69.83**	**15.34**	**0.00**	**0.00**		
DVC(CTPS7 &8)			**300.00**	**44.14**	**27.63**	**28.22**				
DVC(Mejia6)			100.00	43.92	25.40	30.68	0.00	0.00		
TOTAL	**4980**		**875.488**	**29.03**	**48.67**	**21.93**	**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		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				
RUMS - DMRC			99.00	47.98	26.57	25.45				
Sun Edision (From 18.11.2019)			90.00			100.00				
Teranda (HYD) (From 08.1.2020)			**12.65**			100.00				
BRBCL (From 15.01.2020)			**5.00**							100
JIPTL			9.46							100
TOTAL	2870		875.81	**13.39**	**18.90**	**66.06**	**0.00**	**0.00**	**0.00**	**200.0**
Total	33445		7540	**40.83**	**22.55**	**31.45**	**4.33**	**0.60**	**0.01**	**0.19**

5 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING JANUARY 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	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	10.35.31	42	158	252	19	4	7	482	4539	4282	257	5021	0	5021
2	10.33.14	42	158	295	19	7	14	535	3781	3650	131	4316	0	4316
3	11.53.56	41	157	292	16	2	15	523	3573	3534	39	4096	0	4096
4	10.32.22	40	155	325	12	3	0	535	3954	4063	-109	4489	0	4489
5	10.37.39	40	157	260	12	0	0	469	3863	3778	85	4332	0	4332
6	10.37.26	40	157	279	11	0	-1	486	3908	3816	92	4394	0	4394
7	10.30.00	40	158	322	8	0	8	536	3671	3845	-174	4207	0	4207
8	10.45.47	40	163	292	10	0	7	512	4065	4085	-20	4577	0	4577
9	11.03.15	39	158	327	13	0	8	545	3612	3485	127	4157	0	4157
10	10.58.06	40	161	285	14	0	7	507	3716	3850	-134	4223	0	4223
11	10.21.00	40	162	325	12	0	9	548	4022	4016	6	4570	0	4570
12	10.52.03	41	163	30	10	0	8	252	4439	4261	178	4691	0	4691
13	10.14.32	42	159	292	9	0	8	510	4301	4369	-68	4811	0	4811
14	09.53.05	40	160	275	13	0	17	505	4335	4402	-67	4840	0	4840
15	10.38.07	40	160	315	18	4	17	554	4278	4290	-12	4832	0	4832
16	10.29.42	41	161	237	17	3	16	475	4034	3957	77	4509	0	4509
17	11.05.58	40	162	277	19	1	16	515	4128	3913	215	4643	0	4643
18	10.44.46	38	158	270	15	6	19	506	4283	4274	9	4789	0	4789
19	10.26.21	38	160	231	18	5	15	467	4252	4272	-20	4719	0	4719
20	09.48.38	41	160	316	18	4	18	557	4241	4055	186	4798	0	4798
21	09.50.56	43	161	323	14	4	17	562	4072	4172	-100	4634	0	4634
22	10.33.32	44	164	322	17	10	18	575	4347	4316	31	4922	0	4922
23	10.17.06	42	162	323	18	10	15	570	3892	3835	57	4462	0	4462
24	11.00.41	43	161	295	16	0	18	533	4010	3893	117	4543	0	4543
25	10.37.36	44	160	313	17	5	19	558	4276	4179	97	4834	0	4834
26	11.00.41	43	161	295	16	0	18	533	4010	3893	117	4543	0	4543
27	10.11.01	44	151	283	18	5	17	518	4082	4074	8	4600	0	4600
28	10.23.46	44	161	326	14	8	12	565	4026	4085	-59	4591	0	4591
29	10.07.59	44	161	26	6	5	7	249	4621	4541	80	4870	0	4870
30	10.12.50	43	161	283	12	-1	17	515	3890	3924	-34	4405	0	4405
31	10.55.15	43	159	322	13	3	16	556	3823	3958	-135	4379	0	4379

6 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING JANUARY 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	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	10.35.31	42	158	252	19	4	7	482	4539	4282	257	5021	0	5021
2	10.33.14	42	158	295	19	7	14	535	3781	3650	131	4316	0	4316
3	11.53.56	41	157	292	16	2	15	523	3573	3534	39	4096	0	4096
4	10.32.22	40	155	325	12	3	0	535	3954	4063	-109	4489	0	4489
5	10.37.39	40	157	260	12	0	0	469	3863	3778	85	4332	0	4332
6	10.37.26	40	157	279	11	0	-1	486	3908	3816	92	4394	0	4394
7	10.30.00	40	158	322	8	0	8	536	3671	3845	-174	4207	0	4207
8	10.45.47	40	163	292	10	0	7	512	4065	4085	-20	4577	0	4577
9	11.03.15	39	158	327	13	0	8	545	3612	3485	127	4157	0	4157
10	10.58.06	40	161	285	14	0	7	507	3716	3850	-134	4223	0	4223
11	10.21.00	40	162	325	12	0	9	548	4022	4016	6	4570	0	4570
12	10.52.03	41	163	30	10	0	8	252	4439	4261	178	4691	0	4691
13	10.14.32	42	159	292	9	0	8	510	4301	4369	-68	4811	0	4811
14	09.53.05	40	160	275	13	0	17	505	4335	4402	-67	4840	0	4840
15	10.38.07	40	160	315	18	4	17	554	4278	4290	-12	4832	0	4832
16	10.29.42	41	161	237	17	3	16	475	4034	3957	77	4509	0	4509
17	11.05.58	40	162	277	19	1	16	515	4128	3913	215	4643	0	4643
18	10.44.46	38	158	270	15	6	19	506	4283	4274	9	4789	0	4789
19	10.26.21	38	160	231	18	5	15	467	4252	4272	-20	4719	0	4719
20	09.48.38	41	160	316	18	4	18	557	4241	4055	186	4798	0	4798
21	09.50.56	43	161	323	14	4	17	562	4072	4172	-100	4634	0	4634
22	10.33.32	44	164	322	17	10	18	575	4347	4316	31	4922	0	4922
23	10.17.06	42	162	323	18	10	15	570	3892	3835	57	4462	0	4462
24	11.00.41	43	161	295	16	0	18	533	4010	3893	117	4543	0	4543
25	10.37.36	44	160	313	17	5	19	558	4276	4179	97	4834	0	4834
26	11.00.41	43	161	295	16	0	18	533	4010	3893	117	4543	0	4543
27	10.11.01	44	151	283	18	5	17	518	4082	4074	8	4600	0	4600
28	10.23.46	44	161	326	14	8	12	565	4026	4085	-59	4591	0	4591
29	10.07.59	44	161	26	6	5	7	249	4621	4541	80	4870	0	4870
30	10.12.50	43	161	283	12	-1	17	515	3890	3924	-34	4405	0	4405
31	10.55.15	43	159	322	13	3	16	556	3823	3958	-135	4379	0	4379

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

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

A (i) RPH	0.000
(ii) GT+STG	30.528
(iii) PRAGATI	120.599
(iv) RITHALA	0.000
(v) BAWANA CCGT	206.685
(vi) Timarpur – Okhla	12.611
EDWPCL	3.404
DMSWL	11.360
TOTAL	385.187
B) AVAILABILITY FROM BTPS	-0.087
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	16.260
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**368.840**

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	1.727	1.661	1.727	1.661
SALAL	14.193	13.662	14.193	13.662
SASAN	277.152	266.561	277.152	266.561
TANKAPUR	1.092	1.050	1.092	1.050
CHAMERA	3.998	3.846	3.998	3.846
CHAMERA -II	4.419	4.251	4.419	4.251
CHAMERA -III	2.400	2.308	2.400	2.308
DHAULIGANGA	3.448	3.317	3.448	3.317
SEWA -2	0.000	0.000	0.000	0.000
URI	14.730	14.166	14.730	14.166
URI-II	10.218	9.828	10.218	9.828
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	9.392	9.033	9.392	9.033
PARBATI3	1.340	1.290	1.340	1.290
RAMPUR	0.000	0.000	0.000	0.000
ANTA (CRF)	0.000	0.000	0.000	0.000
ANTA (GAS)	0.000	0.000	0.000	0.000
ANTA (RLNG)	0.000	0.000	0.000	0.000
ANTA (LIQUID)	31.891	30.676	0.000	0.000
DADRI (CRF)	6.954	6.692	2.996	2.882
DADRI (GAS)	11.946	11.491	10.275	9.883
DADRI (RLNG)	0.220	0.211	0.000	0.000
DADRI (LIQUID)	47.802	45.978	0.014	0.013
AURAIYA (CRF)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	0.000	0.000	0.000	0.000
AURAIYA (RLNG)	0.000	0.000	0.000	0.000
AURAIYA (LIQUID)	40.930	39.371	0.000	0.000
SINGRAULI	96.234	92.560	88.161	84.796
SINGRAULI_HYDRO	0.088	0.085	0.088	0.085
RIHAND -I	68.003	65.412	59.008	56.759
RIHAND -II	82.698	79.548	77.898	74.931
RIHAND -III	59.358	57.121	56.421	54.294
UNCHAHAR-I	16.190	15.573	13.118	12.618
UNCHAHAR-II	31.562	30.361	25.496	24.524
UNCHAHAR-III	19.365	18.627	15.719	15.120
UNCHAHAR-IV	0.000	0.000	0.000	0.000
DADRI (TH)	514.655	495.046	0.000	0.000
DADRI (TH) STAGE-II	509.596	490.181	388.361	373.555

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
BRBCL (NABIPUR-BIHAR)	2.727	2.623	2.628	2.527
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
NAPP	8.384	8.060	8.384	8.060
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	28.781	27.695	28.781	27.695
NATHPA JHAKRI	18.433	17.732	18.433	17.732
DULASTI	10.638	10.233	10.638	10.233
TEHRI	16.031	15.420	16.031	15.420
JHAJJAR	485.760	467.253	287.848	276.848
KHELGAON	25.128	24.171	20.126	19.359
KHELGAON-II	73.895	71.077	61.768	59.414
FARAKA	14.870	14.304	11.807	11.357
TALA	2.221	2.137	2.221	2.137
DVC	210.808	210.808	210.808	202.765
TUTICORIN - BRPL	11.207	11.207	11.207	10.777
MADHYA PRADESH	1.107	1.107	1.107	1.064
GUJRAT	0.000	0.000	0.000	0.000
KARNATAKA	6.873	6.873	6.873	6.611
NAGALAND	0.000	0.000	0.000	0.000
CHATTISHGARH	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	0.000	0.000	0.000	0.000
KWHEP (HP)	0.000	0.000	0.000	0.000
SAINJ (HP)	0.000	0.000	0.000	0.000
BGTPP (ASSAM)	0.052	0.052	0.052	0.050
BIHAR	0.470	0.470	0.470	0.453
DBPL (CHATTISHGARH)	0.000	0.000	0.000	0.000
MANIPUR	0.000	0.000	0.000	0.000
BALCO (Chattishgarh)	0.000	0.000	0.000	0.000
FSTPP-III (WEST BENGAL)	0.046	0.046	0.046	0.044
SIKKIM	1.259	1.259	1.259	1.210
TAMILNAIDU	0.000	0.000	0.000	0.000
SEIL PROJECT-II(ANDHRA PRADESH)	0.000	0.000	0.000	0.000
MEGHALAYA	2.136	2.136	2.136	2.054
ANDHRA	0.466	0.466	0.466	0.448
DGEN (GUJRAT)	0.000	0.000	0.000	0.000
ESSAR_MAHAN (MP)	0.000	0.000	0.000	0.000
METHON POWER(NDPL)LT-06	97.427	97.427	97.427	93.766
DVC MEJIA (LT-08)(BYPL)	70.602	70.602	70.602	67.912
Acme_RUMS	9.205	9.205	9.205	8.853
Arinsun_RUMS	9.820	9.820	9.820	9.446
Mahindra_RUMS	61.103	61.103	61.103	58.775
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	14.308	14.308	14.308	13.763
HIMACHAL PRADESH	2.758	2.758	2.758	2.653
JHABUA (MP)	0.000	0.000	0.000	0.000
GOA	0.000	0.000	0.000	0.000
KERALA	0.000	0.000	0.000	0.000
ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
HIMACHAL PRADESH LT-59 DVC	0.620	0.620	0.620	0.596
HARYANA (LT-05)	61.103	61.103	61.103	58.775
MP(SOLAR RUMS)	23.836	23.836	23.836	22.919
HP TPDDL (NANTI)	0.835	0.835	0.835	0.804
ALFANAR WIND(BRPL) GUJRAT	29.421	29.421	29.421	28.317
ALFANAR WIND(BYPL) (GUJRAT)	9.807	9.807	9.807	9.439
KSMPL BHADLA(RAJASTHAN)	9.754	9.754	9.754	9.380
ALFANAR WIND(TPDDL)(GUJRAT)	9.807	9.807	9.807	9.439
ADHPL (HP)	0.000	0.000	0.000	0.000
ODHISHA	0.237	0.237	0.237	0.228
ORISSA MT-20 JITPL -DVC	4.997	4.997	4.997	4.806
WEST BENGAL	0.000	0.000	0.000	0.000
TELENGANA	1.444	1.444	1.444	1.390
RAJASTHAN(SOLAR) BRPL-LT36	3.300	3.300	3.300	3.173
RAJASTHAN(SOLAR) BYPL - LT-35	3.221	3.221	3.221	3.097
RAJASTHAN(SOLAR) TPDDL LT-31	3.220	3.220	3.220	3.097

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
HP TARANDA (RAILWAYS)	1.269	1.269	1.269	1.220
TO NAGALAND	0.000	0.000	0.000	0.000
TO ANDHRA	0.000	0.000	0.000	0.000
TO UTTRAKHAND	-41.508	-41.508	-41.508	-43.152
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO MEGHALAYA	-17.733	-17.733	-17.733	-18.438
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 GOA	0.000	0.000	0.000	0.000
TO CHATTISHGARH	0.000	0.000	0.000	0.000
TO MANIPUR	-9.386	-9.386	-9.386	-9.760
TO ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	-157.729	-157.729	-157.729	-163.976
TO GUJRAT	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	247.863	238.401	247.863	238.401
TO POWER EXCHANGE (IEX)	-98.605	-102.504	-98.605	-102.504
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)	-18.382	-19.109	-18.382	-19.109
TO SHARE PROJECT (PUNJAB)	-16.109	-16.746	-16.109	-16.746
REAL TIME MANAGEMENT (RTM)	36.283	34.902	36.283	34.902
TO REAL TIME MANAGEMENT (RTM)	-47.100	-48.960	-47.100	-48.960
TOTAL	**3108.582**	**2992.757**	**2090.438**	**1979.202**

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	1540.222	1481.557	740.181	711.988
NTPC - ER	113.893	109.551	93.701	90.130
NHPC	68.203	65.612	68.203	65.612
NPC	37.165	35.755	37.165	35.755
SASAN	277.152	266.561	277.152	266.561
KOTESHWAR	9.392	9.033	9.392	9.033
NATHPA JHAKRI	18.433	17.732	18.433	17.732
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
TEHRI	16.031	15.420	16.031	15.420
TALA	2.221	2.137	2.221	2.137
JHAJJAR	485.760	467.253	287.848	276.848
RAJASTHAN SOLAR(BRPL)T-36	3.300	3.300	3.300	3.173
RAJASTHAN SOLAR(BYPL)T-35	3.221	3.221	3.221	3.097
RAJASTHAN SOLAR(TPDDL)T-31	3.220	3.220	3.220	3.097
DVC	210.808	210.808	210.808	202.765
TUTICORIN BRPL	11.207	11.207	11.207	10.777
MADHYA PRADESH	1.107	1.107	1.107	1.064
GUJRAT	0.000	0.000	0.000	0.000
KARNATAKA	6.873	6.873	6.873	6.611
NAGALAND	0.000	0.000	0.000	0.000
CHATTISHGARH	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	0.000	0.000	0.000	0.000
KWHEP (HP)	0.000	0.000	0.000	0.000
SAINJ (HP)	0.000	0.000	0.000	0.000
BGTPP (ASSAM)	0.052	0.052	0.052	0.050
BIHAR	0.470	0.470	0.470	0.453
DBPL (CHATTISHGARH)	0.000	0.000	0.000	0.000
MANIPUR	0.000	0.000	0.000	0.000
BALCO (Chattishgarh)	0.000	0.000	0.000	0.000
FSTPP -III (WEST BENGAL)	0.046	0.046	0.046	0.044
SIKKIM	1.259	1.259	1.259	1.210
TAMILNAIDU	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
SEIL PROJECT-II(ANDHRA PRADESH)	0.000	0.000	0.000	0.000
MEGHALAYA	2.136	2.136	2.136	2.054
ANDHRA	0.466	0.466	0.466	0.448
DGEN (GUJRAT)	0.000	0.000	0.000	0.000
ESSAR_MAHAN (MP)	0.000	0.000	0.000	0.000
METHON POWER (NDPL)-LT-06	97.427	97.427	97.427	93.766
DVC MEJIA (LT-08)(BYPL)	70.602	70.602	70.602	67.912
Acme_RUMS	9.205	9.205	9.205	8.853
Arinsun_RUMS	9.820	9.820	9.820	9.446
Mahindra_RUMS	61.103	61.103	61.103	58.775
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	14.308	14.308	14.308	13.763
HIMACHAL PRADESH	2.758	2.758	2.758	2.653
JHABUA (MP)	0.000	0.000	0.000	0.000
GOA	0.000	0.000	0.000	0.000
KERALA	0.000	0.000	0.000	0.000
ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
HP LT-59 DVC(SURYA KANTA)	0.620	0.620	0.620	0.596
HARYANA (LT -05)	61.103	61.103	61.103	58.775
ADHPL (HP)	0.000	0.000	0.000	0.000
ODISHA	0.237	0.237	0.237	0.228
ORISSA MT-20 JITPL -DVC	4.997	4.997	4.997	4.806
WEST BENGAL	0.000	0.000	0.000	0.000
TELENGANA	1.444	1.444	1.444	1.390
MP(SOLAR RUMS)	23.836	23.836	23.836	22.919
HP TPDDL (NANTI)	0.835	0.835	0.835	0.804
HP TRANDA (RAILWAYS)	1.269	1.269	1.269	1.220
ALFANAR WIND(BRPL)	29.421	29.421	29.421	28.317
ALFANAR WIND(BYPL)	9.807	9.807	9.807	9.439
KSMPL BHADLA	9.754	9.754	9.754	9.380
ALFANAR WIND(TPDDL)	9.807	9.807	9.807	9.439
POWER EXCHANGE(IEX)	247.863	238.401	247.863	238.401
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
REAL TIME MANAGEMENT (RTM)	36.283	34.902	36.283	34.902
TOTAL	**3515.133**	**3406.432**	**2496.989**	**2401.848**

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	-41.508	-41.508	-41.508	-43.152
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO KERALA	0.000	0.000	0.000	0.000
TO MEGHALAYA	-17.733	-17.733	-17.733	-18.438
TO ORIDSHA	0.000	0.000	0.000	0.000
TO TAMILNAIDU	0.000	0.000	0.000	0.000
TO GOA	0.000	0.000	0.000	0.000
TO CHATTISHGARH	0.000	0.000	0.000	0.000
TO MANIPUR	-9.386	-9.386	-9.386	-9.760
TO ARUNACHAL PRADESH	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	-157.729	-157.729	-157.729	-163.976
TO GUJRAT	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-98.605	-102.504	-98.605	-102.504
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-18.382	-19.109	-18.382	-19.109
TO SHARE PROJECT (PUNJAB)	-16.109	-16.746	-16.109	-16.746
TO REAL TIME MANAGEMENT (RTM)	-47.100	-48.960	-47.100	-48.960
TOTAL	**-406.551**	**-413.675**	**-406.551**	**-422.646**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**3108.582**	**2992.757**	**2090.438**	**1979.202**
TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs				2285.812
NET CONSUMPTION				**2269.552**
AVAILABILITY WITHIN DELHI				368.840
ACTUAL DRAWAL FROM THE GRID				1900.712
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY				-78.490
LOAD SHEDDING				**0.240**
UNRESTRICTED DEMAND (GROSS)				2286.052
UNRESTRICTED DEMAND (NET)				2269.792
MAX. NET CONSUMPTION				**77.902 On 01.01.2021**
MAX. LOAD SHEDDING				98 MW ON 22.01.2021 AT 15:07HRS.
PEAK LOAD	Peak Demand during the month			SHEDDING AT PEAK TIME
DAY PEAK	5021 MW AT 10:35:31HRS ON 01.01.2021			NIL.
EVENING PEAK	3910 MW AT 18:30:00 HRS ON 13.01.2021			NIL

8 SHEDDING DETAILS DURING THE MONTH OF JANUARY 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
01-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13-01-21	1	**0.0028**	**0.0001**	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000
14-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31-01-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	**1**	**0.003**	**0.000**	**0.000**	**0.000**	**0.0029**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**

ALL FIGURES IN MUs

Date	Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VOILATION				DUE TO NEW GRID CODE REGULATION DEVIATOIN			Shedding due to Transmission/Grid Constraints in Central sector stations				Total	Total shedding due to grid restrictions
	BSES		TPDDL	NDMC	BSES			BSES		TPDDL	NDMC		
	BYPL	BRPL			BYPL	BRPL	TPDDL	BYPL	BRPL				
1	13	14	15	16	17	18	19	20	21	22	23	24=8 to 23	25=7+24
01-01-21	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**
02-01-21	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**
03-01-21	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**
04-01-21	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**
05-01-21	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**
06-01-21	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**
07-01-21	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**
08-01-21	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**
09-01-21	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**
10-01-21	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**
11-01-21	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**
12-01-21	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**
13-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.003**
14-01-21	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**
15-01-21	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**
16-01-21	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**
17-01-21	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**
18-01-21	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**
19-01-21	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**
20-01-21	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**
21-01-21	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**
22-01-21	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**
23-01-21	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**
24-01-21	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**
25-01-21	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**
26-01-21	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**
27-01-21	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**
28-01-21	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**
29-01-21	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**
30-01-21	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**
31-01-21	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**
TOTAL	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.003**

ALL FIGURES IN MUs

Date	DUE TO T&D CONSTRAINTS IN DELHI SYSTEM								
	DTL					DISCOMS			
	BSES		TPDDL	NDMC	MES	BSES		TPDDL	NDMC
	BYPL	BRPL				BYPL	BRPL		
1	26	27	28	29	30	31	32	33	34
01-01-21	0.000	0.014	0.006	0.000	0.000	0.000	0.005	0.002	0.000
02-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03-01-21	0.000	0.000	0.003	0.000	0.000	0.003	0.011	0.001	0.000
04-01-21	0.000	0.000	0.000	0.000	0.000	0.000	**0.0053**	**0.0004**	0.000
05-01-21	0.000	0.000	0.004	0.000	0.000	0.006	0.000	**0.0001**	0.000
06-01-21	0.000	0.000	0.000	0.000	0.000	0.000	**0.0049**	**0.0015**	0.000
07-01-21	0.002	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09-01-21	**0.0012**	**0.0045**	0.000	0.000	0.000	0.000	**0.0182**	0.000	0.000
10-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0007**	0.000
12-01-21	0.000	0.000	0.000	0.000	0.000	0.000	**0.0007**	0.000	0.000
13-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.00005**	0.000
14-01-21	0.003	0.000	0.000	0.000	0.000	0.000	0.026	**0.00003**	0.000
15-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16-01-21	**0.0001**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17-01-21	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.004	0.000
18-01-21	0.000	**0.0106**	0.000	0.000	0.000	0.000	**0.0054**	**0.0003**	0.000
19-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0001**	0.000
20-01-21	0.000	0.013	0.000	0.000	0.000	0.002	0.003	0.004	0.000
21-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0001**	0.000
22-01-21	0.000	0.000	**0.0263**	0.000	0.000	**0.0053**	0.000	0.000	0.000
23-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24-01-21	0.000	0.000	0.000	0.000	0.000	**0.0007**	0.000	**0.0006**	0.000
25-01-21	0.003	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000
26-01-21	0.000	**0.0003**	0.000	0.000	0.000	0.000	0.001	**0.0001**	0.000
27-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0004**	0.000
28-01-21	0.000	0.010	0.000	0.000	0.000	0.000	0.001	0.001	0.000
29-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30-01-21	**0.0005**	0.000	0.000	0.000	0.000	0.000	0.000	**0.0003**	0.000
31-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.002	0.000
TOTAL	**0.010**	**0.055**	**0.039**	**0.000**	**0.000**	**0.0190**	**0.0945**	**0.0187**	**0.000**

ALL FIGURES IN MUs

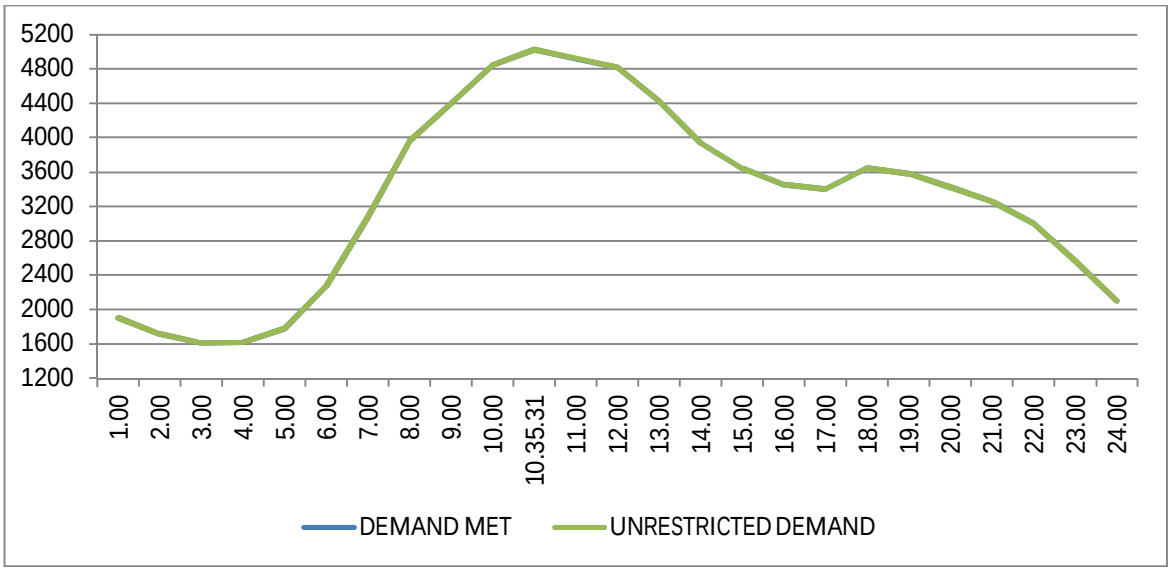
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.027	0.027
02-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03-01-21	0.000	0.000	0.0002	0.000	0.000	0.000	0.000	0.018	0.018
04-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006
05-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0101	0.010
06-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006
07-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.005
08-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.024
10-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11-01-21	0.000	0.000	0.0002	0.000	0.000	0.000	0.000	0.001	0.001
12-01-21	0.000	0.000	0.0003	0.000	0.000	0.000	0.000	0.0010	0.0010
13-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003
14-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.029
15-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006
18-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.016
19-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0220	0.0220
21-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032	0.032
23-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
25-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009
26-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
27-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0120	0.0120
29-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
31-01-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009
TOTAL	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.237	0.240

DATE	(NET CONS.)	MAXI. DEMAND MET DURING THE DAY	TIME OF OCCUR-RENCE OF MAX DEMAND	SHEDDING AT THIS TIME	UN-REST-RICTED DEMAND	MAXIMUM UN-REST-RICTED DEMAND DURING THE DAY	TIME OF MAX. UN-REST. DEMAND	DEMAND AT THAT TIME	SHEDDING AT THAT TIME
	In Mus.	IN MW	IN HRS.	IN MW	IN MW	IN MW	HRS.	IN MW	IN MW
1	32	33	34	35	36=33+35	37=39+40	38	39	40
01-01-21	77.902	5021	10:35:31	0	5021	5021	10:35:31	5021	0
02-01-21	72.246	4315	10:33:14	0	4315	4315	10:33:14	4315	0
03-01-21	67.714	4096	11:53:56	0	4096	4096	11:53:56	4096	0
04-01-21	73.392	4489	10:32:22	0	4489	4489	10:32:22	4489	0
05-01-21	70.000	4332	1037:39	0	4332	4332	1037:39	4332	0
06-01-21	72.945	4394	10:37:26	0	4394	4394	10:37:26	4394	0
07-01-21	70.814	4207	10:30	0	4207	4207	10:30	4207	0
08-01-21	74.322	4577	10:45:47	0	4577	4577	10:45:47	4577	0
09-01-21	68.660	4157	11:03:15	0	4157	4157	11:03:15	4157	0
10-01-21	67.978	4223	10:58:06	0	4223	4223	10:58:06	4223	0
11-01-21	74.604	4570	10:21	0	4570	4570	10:21	4570	0
12-01-21	76.375	4691	10:52:03	0	4691	4691	10:52:03	4691	0
13-01-21	75.333	4811	10:14:32	0	4811	4811	10:14:32	4811	0
14-01-21	77.656	4840	09:53:05	0	4840	4840	09:53:05	4840	0
15-01-21	77.106	4832	10:38:07	0	4832	4832	10:38:07	4832	0
16-01-21	73.635	4509	10:29:42	0	4509	4509	10:29:42	4509	0
17-01-21	72.370	4643	11:05:58	0	4643	4643	11:05:58	4643	0
18-01-21	77.277	4789	10:44:46	0	4789	4789	10:44:46	4789	0
19-01-21	76.079	4719	10:26:21	0	4719	4719	10:26:21	4719	0
20-01-21	77.135	4798	09:48:38	0	4798	4798	09:48:38	4798	0
21-01-21	74.128	4634	09:50:56	0	4634	4634	09:50:56	4634	0
22-01-21	77.344	4922	10:33:32	0	4922	4922	10:33:32	4922	0
23-01-21	72.215	4462	10:17:06	0	4462	4462	10:17:06	4462	0
24-01-21	72.740	4543	11:00:41	0	4543	4543	11:00:41	4543	0
25-01-21	76.167	4834	10:37:36	0	4834	4834	10:37:36	4834	0
26-01-21	62.887	3837	10:01:01	0	3837	3837	10:01:01	3837	0
27-01-21	71.790	4610	10:11:01	0	4610	4610	10:11:01	4610	0
28-01-21	74.576	4591	10:23:46	0	4591	4591	10:23:46	4591	0
29-01-21	75.694	4870	10:07:59	0	4870	4870	10:07:59	4870	0
30-01-21	70.688	4405	10:12:50	0	4405	4405	10:12:50	4405	0
31-01-21	67.780	4379	10:55:15	0	4379	4379	10:55:15	4379	0
TOTAL	2269.552	5021	10:35:31	0	5021	5021	10:35:31	5021	0
		01.01.21			01.01.21				

9. LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING JANUARY 2021 ON 01.01.2021 - 5021 MW AT 10.35.31HRS.

All figures in MW

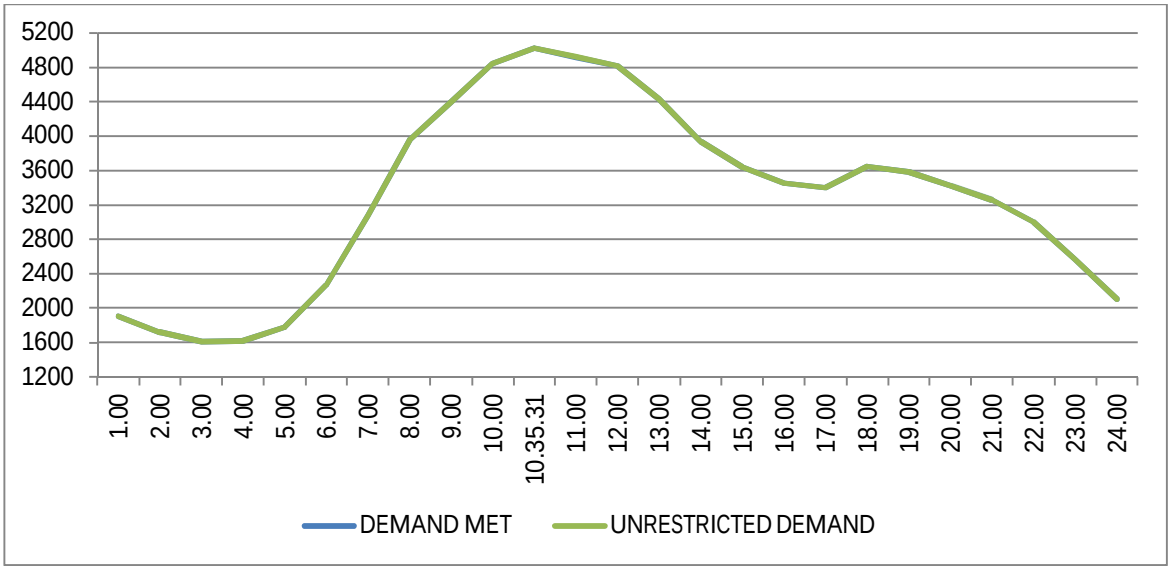
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1908	0	1908
2.00	1718	0	1718
3.00	1613	0	1613
4.00	1617	0	1617
5.00	1777	0	1777
6.00	2272	0	2272
7.00	3077	0	3077
8.00	3956	0	3956
9.00	4395	0	4395
10.00	4842	0	4842
10.35.31	5021	0	5021
11.00	4918	3	4921
12.00	4815	0	4815
13.00	4433	0	4433
14.00	3939	0	3939
15.00	3642	0	3642
16.00	3450	3	3453
17.00	3399	0	3399
18.00	3647	0	3647
19.00	3581	0	3581
20.00	3423	0	3423
21.00	3254	0	3254
22.00	3004	0	3004
23.00	2565	0	2565
24.00	2102	0	2102
Total (IN MUS)	**77.902**	**0.027**	**77.929**



10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING JANUARY 2021 ON 01.01.2021 - 5021 MW AT 10.35.31 HRS.

All figures in MW

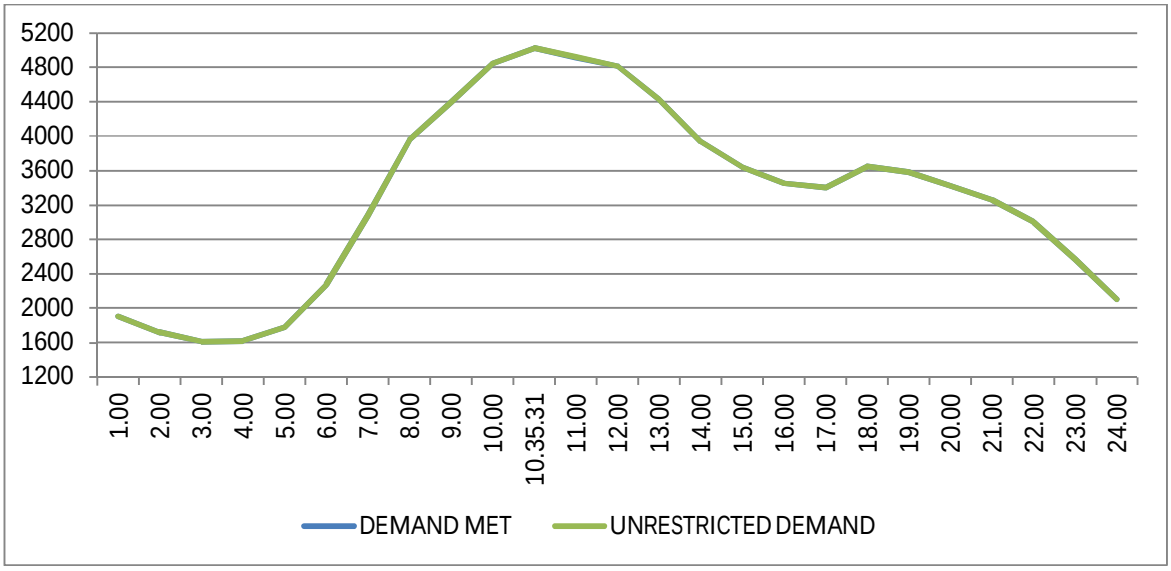
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1908	0	1908
2.00	1718	0	1718
3.00	1613	0	1613
4.00	1617	0	1617
5.00	1777	0	1777
6.00	2272	0	2272
7.00	3077	0	3077
8.00	3956	0	3956
9.00	4395	0	4395
10.00	4842	0	4842
10.35.31	5021	0	5021
11.00	4918	3	4921
12.00	4815	0	4815
13.00	4433	0	4433
14.00	3939	0	3939
15.00	3642	0	3642
16.00	3450	3	3453
17.00	3399	0	3399
18.00	3647	0	3647
19.00	3581	0	3581
20.00	3423	0	3423
21.00	3254	0	3254
22.00	3004	0	3004
23.00	2565	0	2565
24.00	2102	0	2102
Total (IN MUS)	**77.902**	**0.027**	**77.929**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING JANUARY 2021 – 01.01.2021 – 77.902 Mus

All figures in MW

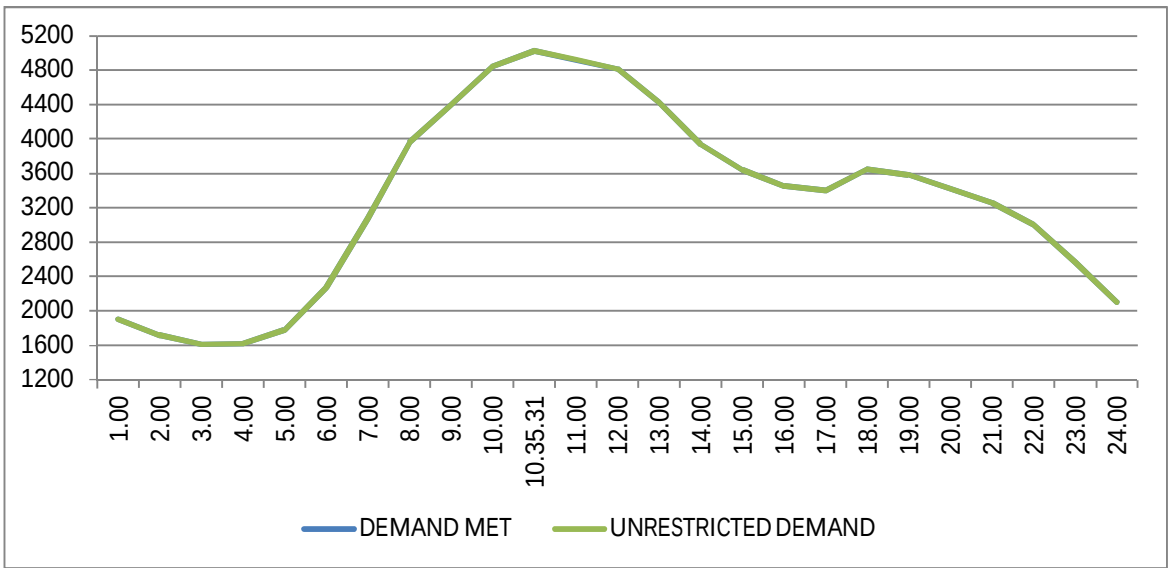
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1908	0	1908
2.00	1718	0	1718
3.00	1613	0	1613
4.00	1617	0	1617
5.00	1777	0	1777
6.00	2272	0	2272
7.00	3077	0	3077
8.00	3956	0	3956
9.00	4395	0	4395
10.00	4842	0	4842
10.35.31	5021	0	5021
11.00	4918	3	4921
12.00	4815	0	4815
13.00	4433	0	4433
14.00	3939	0	3939
15.00	3642	0	3642
16.00	3450	3	3453
17.00	3399	0	3399
18.00	3647	0	3647
19.00	3581	0	3581
20.00	3423	0	3423
21.00	3254	0	3254
22.00	3004	0	3004
23.00	2565	0	2565
24.00	2102	0	2102
Total (IN MUS)	**77.902**	**0.027**	**77.929**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING JANUARY 2021 – ON 01.01.2021 – 77.929 – MUs

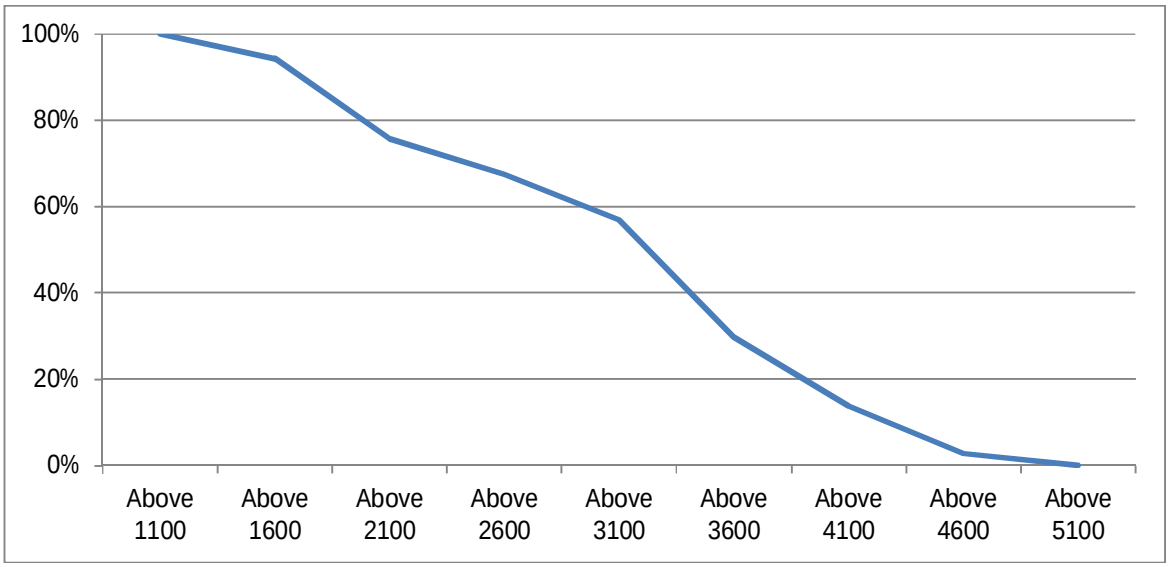
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1908	0	1908
2.00	1718	0	1718
3.00	1613	0	1613
4.00	1617	0	1617
5.00	1777	0	1777
6.00	2272	0	2272
7.00	3077	0	3077
8.00	3956	0	3956
9.00	4395	0	4395
10.00	4842	0	4842
10.35.31	5021	0	5021
11.00	4918	3	4921
12.00	4815	0	4815
13.00	4433	0	4433
14.00	3939	0	3939
15.00	3642	0	3642
16.00	3450	3	3453
17.00	3399	0	3399
18.00	3647	0	3647
19.00	3581	0	3581
20.00	3423	0	3423
21.00	3254	0	3254
22.00	3004	0	3004
23.00	2565	0	2565
24.00	2102	0	2102
Total (IN MUS)	**77.902**	**0.027**	**77.929**



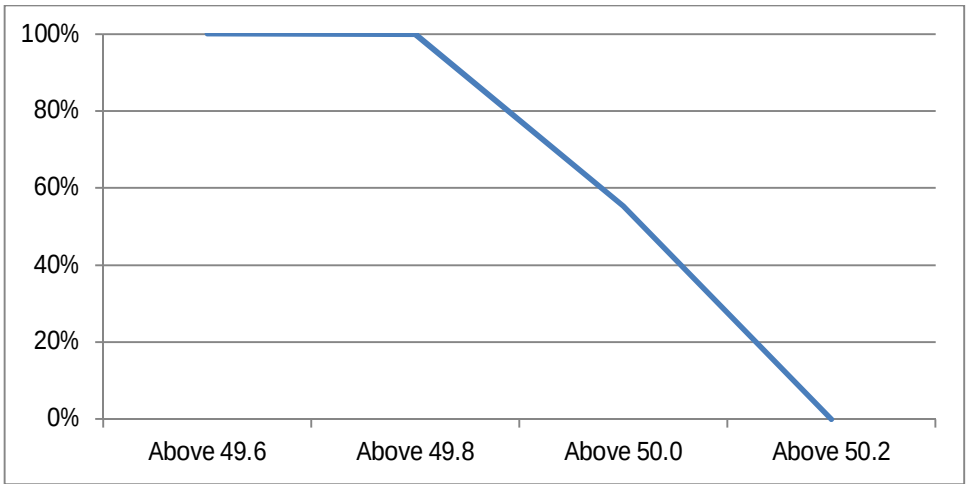
13 LOAD DURATION CURVE FOR JANUARY 2021

Load in MW	Percentage of Time
Above 1100	100%
Above 1600	94.32%
Above 2100	75.63%
Above 2600	67.50%
Above 3100	56.88%
Above 3600	29.83%
Above 4100	13.70%
Above 4600	2.75%
Above 5100	0.00%



14 FREQUENCY ANALYSIS FOR THE MONTH OF JANUARY 2021

FREQUENCY REMAINED ABOVE IN MW	(%) OF TIME
Above 49.6	100%
Above 49.8	99.89%
Above 50.0	55.35%
Above 50.2	0.00%



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-01-21	234.59	216.28	235.41	219.53
02-01-21	235.36	219.5	237.24	222.3
03-01-21	237.04	221.44	238.3	224.57
04-01-21	235.88	218.6	238.9	222.35
05-01-21	235.88	221.18	239.24	224.75
06-01-21	235.11	222.34	238.23	225.62
07-01-21	233.82	218.98	237.79	221.82
08-01-21	234.33	218.21	238.11	220.71
09-01-21	233.95	220.53	237.65	224.63
10-01-21	234.33	220.4	237.9	225.68
11-01-21	235.75	218.98	239.29	222.01
12-01-21	235.75	215.76	238.29	221.38
13-01-21	233.95	--	237.71	222.24
14-01-21	235.7	--	237.88	221.32
15-01-21	238.32	218.36	238.56	220.77
16-01-21	237.79	220.7	237.62	221.29
17-01-21	235.56	219.77	237.87	224.14
18-01-21	235.56	217.3	238.56	222.04
19-01-21	236.27	218.41	238.98	222.9
20-01-21	235.86	217.19	237.33	220.24
21-01-21	233.17	215.91	233.63	219.71
22-01-21	233.98	217.42	234.85	219.99
23-01-21	235.34	219.2	237.1	221.3
24-01-21	234.79	218.18	236.22	218.96
25-01-21	235.11	215.28	236.23	218.69
26-01-21	234.86	223.19	235.93	225.09
27-01-21	236.17	217.14	236.1	220.14
28-01-21	235.02	218.07	235.73	222.06
29-01-21	233.53	215.17	235.13	221.07
30-01-21	233.56	216.91	234.08	221.52
31-01-21	234.77	219.75	236.11	224.18

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

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-01-21	416.21	0:01:02	386.67	11:10:03	407.18
02-01-21	418.09	4:00:35	394.41	10:23:56	408.21
03-01-21	420.9	3:30:48	395.81	10:23:59	410.05
04-01-21	419.73	4:01:22	392.3	11:54:12	408.67
05-01-21	419.73	4:00:30	396.28	10:09:01	409.07
06-01-21	420.43	3:29:43	401.44	11:16:24	410.54
07-01-21	419.73	1:13:56	393.7	9:17:37	409.59
08-01-21	419.26	0:15:28	392.3	10:15:40	408.61
09-01-21	419.03	2:00:32	397.22	10:16:53	409.53
10-01-21	419.5	23:53:37	398.63	10:15:47	410.85
11-01-21	422.55	4:02:09	395.81	10:22:08	410.1
12-01-21	421.84	1:18:30	391.12	10:07:31	408.96
13-01-21	419.73	4:00:44	392.3	10:26:24	408.71
14-01-21	419.03	2:59:46	391.59	10:26:27	406.84
15-01-21	416.21	23:59:49	396.28	11:13:17	405.74
16-01-21	418.56	1:58:49	392.3	10:49:10	407.86
17-01-21	418.32	23:56:14	395.81	10:15:43	409.38
18-01-21	419.5	0:58:15	391.36	9:50:06	407.94
19-01-21	420.67	3:50:18	393.7	11:28:29	409.08
20-01-21	420.43	1:50:50	391.59	10:24:11	408.36
21-01-21	415.74	23:59:56	391.36	10:22:24	406.22
22-01-21	418.32	4:02:16	390.89	11:23:57	407.71
23-01-21	420.67	4:01:09	394.64	11:39:00	408.17
24-01-21	419.03	4:01:32	389.72	10:20:43	408.42
25-01-21	419.26	3:59:55	388.78	10:17:26	407.85
26-01-21	420.43	23:59:00	400.97	10:24:59	411.98
27-01-21	420.9	3:04:01	393.7	10:07:31	409.62
28-01-21	420.43	4:01:53	394.41	11:10:34	408.39
29-01-21	416.21	4:02:36	392.06	10:15:57	407.44
30-01-21	419.03	23:58:42	393.23	10:32:30	408.5
31-01-21	419.03	0:00:43	396.75	11:33:53	409.71

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-01-21	422.78	00:01:09	397.45	11:08:50	414.05
02-01-21	423.72	04:00:51	402.85	12:14:22	415.53
03-01-21	427.47	03:30:45	406.83	10:19:36	417.65
04-01-21	426.06	03:01:48	--	15:28:34	268.01
05-01-21	--	00:40:23	--	0:40:23	--
06-01-21	422.57	23:59:50	--	0:41:45	137.89
07-01-21	424.26	01:14:15	401.82	10:24:30	415.21
08-01-21	423.72	00:15:37	400.01	10:14:56	414.86
09-01-21	424.58	02:02:06	406.58	10:32:09	416.29
10-01-21	425.17	23:53:41	406.07	10:16:44	417.33
11-01-21	427.2	04:01:45	404.55	10:07:36	417.12
12-01-21	427.13	01:21:28	399.06	10:10:29	415.39
13-01-21	448.11	17:25:58	232.33	18:52:23	365.98
14-01-21	421.69	23:57:28	227.66	10:26:09	326.75
15-01-21	425.29	04:02:43	398.21	10:34:08	413.44
16-01-21	425.19	04:01:11	400.08	11:14:40	414.78
17-01-21	425.69	04:03:52	403.86	12:09:29	416.97
18-01-21	425.43	01:39:21	400.58	9:50:05	414.97
19-01-21	427.14	03:51:01	401.12	11:33:47	415.8
20-01-21	426.94	01:51:30	400.64	10:41:27	415.17
21-01-21	421.67	04:03:42	398.61	10:23:20	412.78
22-01-21	423.11	04:02:13	396.97	11:24:06	413.29
23-01-21	425.4	04:01:27	401.85	11:39:10	414.76
24-01-21	425.18	04:01:17	399.08	10:21:17	415.29
25-01-21	425.32	04:00:11	396.66	10:23:20	413.59
26-01-21	424.97	23:59:52	408.64	10:31:23	417.63
27-01-21	426.82	04:02:34	399.83	10:49:42	415.55
28-01-21	425.47	04:02:39	399.5	11:16:48	414.3
29-01-21	423.52	04:32:34	396.11	11:43:07	413.4
30-01-21	423.29	23:59:52	398.84	10:33:59	414.48
31-01-21	424.4	17:03:56	401.96	11:33:42	415.63

17 DETAILS OF BREAK-DOWNS / TRIPPING DURING THE MONTH OF JAN-2021

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	1.1.21	20:05	SUBZI MANDI 220/33kV 100MVA Tx-I	1.1.21	23:10	SUPERVISION 91, ABC.
2	2.1.21	11:25	SARITA VIHAR 66/11kV, 20MVA Tx-I	2.1.21	12:35	TRIPPED WITHOUT INDICATION.
3	2.1.21	12:52	MEHRAULI 220/66kV 160MVA Tx-I	2.1.21	19:45	186, 86.
4	2.1.21	13:10	NARELA 220/66kV 100MVA Tx-I	2.1.21	13:11	TRIPPED DUE TO PROTECTION TESTING.
5	3.1.21	03:00	220KV SHALIMARBAGH-WAZIRPUR CKT-I	3.1.21	06:10	AT SHALIMARBAGH : DIST PROT, RYB PHASE, 86.
6	3.1.21	09:16	RAJGHAT 220/33kV 100MVA Tx-2	3.1.21	14:00	186A&B.
7	3.1.21	12:43	SARITA VIHAR 220/66kV 100MVA Tx-III	3.1.21	15:25	86A.
8	4.1.21	03:49	KANJHAWALA 220/66kV 100MVA Tx-I	4.1.21	06:37	OVER FLUX.
9	5.1.21	00:05	NARAINA 33/11kV, 16MVA Tx-II	5.1.21	15:44	86
10	5.1.21	02:34	220KV SHALIMARBAGH-WAZIRPUR CKT-I	5.1.21	19:06	AT SHALIMARBAGH : OVERVOLTAGE.
11	7.1.21	04:45	VASANT KUNJ 66/11kV, 20MVA Tx-I	7.1.21	02:20	86
12	7.1.21	12:12	PARKSTREET 33kV PARSHAD NAGAR CKT	7.1.21	12:40	SPARKING OBSERVED.
13	7.1.21	12:12	PARKSTREET 33kV FAIZ ROAD CKT-II	7.1.21	12:40	SPARKING OBSERVED.
14	9.1.21	22:05	220kV DIAL- MEHRAULI CKT-II	10.1.21	09:54	AT MEHRAULI : RYB PHASE.
15	15.1.21	19:29	INDRAPRASTHA POWER 33kV DEEN DAYAL UPADHYA (BAY-18)	15.1.21	07:34	SPARKING IN CT.
16	16.1.21	17:08	RAJGHAT 220/33kV 100MVA Tx-2			E/F.
17	17.1.21	15:34	220kV WAZIRABAD - KASHMEREGATE CKT-I	17.1.21	16:17	AT WAZIRABAD : DIST PROT, ZONE-I, DIST 875MTS.
18	18.1.21	12:35	OKHLA 220/33kV 100MVA Tx-III	18.1.21	13:10	86
19	18.1.21	12:35	OKHLA 220/33kV 100MVA Tx-IV	18.1.21	13:10	86
20	19.1.21	09:26	PAPPANKALAN-II 220/66kV 160MVA Tx-III	19.1.21	16:15	TRIPPED ON DIFFERENTIAL, 86.
21	20.1.21	05:53	PAPPANKALAN-I 220/66kV 100MVA Tx-IV	20.1.21	06:25	E/F
22	20.1.21	05:53	PAPPANKALAN-I 220/66KV 160MVA Tx-5	20.1.21	06:25	E/F
23	20.1.21	05:53	PAPPANKALAN-I 220/66kV 100MVA Tx-I	20.1.21	06:25	E/F.
24	22.1.21	13:48	220 KV PATPARGANJ - I.P. CKT-II	22.1.21	14:09	86 ABC.
25	22.1.21	13:56	SHALIMAR BAGH 220/33kV 100MVA Tx-III	22.1.21	14:22	86
26	22.1.21	15:05	BAWANA 400/220kV 315MVA ICT-II	22.1.21	20:06	86
27	22.1.21	15:05	220kV BAWANA - KANJHAWALA CKT-2	22.1.21	20:06	AT BAWANA : DIST PROT, ZONE-I, O/C, 86A&B.
28	25.1.21	12:15	PARKSTREET 220/33kV 100MVA Tx-II	25.1.21	13:12	DIFFERENTIAL.
29	26.1.21	04:35	R K PURAM 220/33kV 100MVA Tx-I	26.1.21	09:08	PRV
30	28.1.21	03:19	BAWANA 400/220kV 315MVA ICT-I	28.1.21	15:11	POLE DISCREPANCY.
31	28.1.21	08:05	MEHRAULI 220/66kV 160MVA Tx-I	28.1.21	08:30	TRANSIENT FAULT.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
32	29.1.21	03:19	BAWANA 400/220kV 315MVA ICT-VI			I/C TRIPPED ON POLE DISCREPANCY.
33	29.1.21	03:19	BAWANA 400/220kV 315MVA ICT-I	29.1.21	15:11	I/C TRIPPED ON POLE DISCRIPENCY.
34	30.1.21	17:16	220kV GOPALPUR-SUBZI MANDI CKT-II	30.1.21	20:35	AT GOAP[LPUR : DIST PROT, ZONE-II, DIST 6.34KM, 86.

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

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
13.01.21	1	16:49	16:50	RPH	JAMA MASJID	DF/DT	12
		16:49	16:55	PATPARGANJ	CBD SHAHDRA –I		10
		16:49	16:55		GURU ANGAD NAGAR		13
		16:49	16:51		PREET VIHAR		9
		16:49	16:50	I.P.STN.	KAMLA MARKET (BAY NO 30)		0
		16:49	16:52		JLN STADIUM (BAY NO 24)		0.9
		16:49	16:52		ITPO (BAY NO 7)		0.5
		16:49	16:52		ITPO (BAY NO 9)		0