DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

FEBRUARY 2021

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	FEB. 2020	FEB. 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)**	**4447**	4486
	Date	07.02.2020	05.02.2021
	Time	09.55.25	**10.36.24**
3	**Peak Demand met (MW)**	**4447**	4486
	Date	07.02.2020	05.02.2021
	Time	09.55.25	**10.36.24**
4	Peak Availability (MW)	4269	4450
5	Shortage (-) / Surplus (+) in MW	(-) 178	(-) 36
6	Percentage Shortage (-) / Surplus (+)	(-) 4.00	(-) 0.80
7	Maximum Energy Consume in a day (Mus)	72.620	70.744
8	Energy Consumed during the month	**1904.604**	**1804.154**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.000	0.002
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**	**0.002**
B)	Due to Constraints in System in Mus		
	DTL	0.072	0.351
	TPDDL	0.035	0.014
	BRPL	0.158	0.030
	BYPL	0.004	0.000
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.002	0.000
	Total	**0.272**	**0.395**
10	**Grand Total in Mus**	**0.272**	**0.397**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING FEBRUARY 2021

A) For the month of Feb 2021

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Plant Availability factor for the month (%)	Backing Down
1.	**RPH**	0.00	0.112	-0.112	0.00	0.00
2.	**GT**	27.046	1.393	25.653	14.56	132.192
3.	**PPCL**	106.303	2.231	104.072	48.71	122.608
4.	**Bawana**	221.465	7.526	213.939	99.69	679.597
5.	**Towmcl**	13.277	1.836	11.441	--	--
6.	**EDWPCL**	2.351	0.694	1.657	--	--
7.	**DMSWL**	12.219	1.896	10.323	--	--
	TOTAL	**382.661**	**15.688**	**366.973**	**--**	**934.397**

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

Power Station	Effective Capacity (MW)	Net Generation in MUs for Feb 2021	Availability PLF (%) for Feb 2021	PLF (%) for Feb 2021	Cumulative Generation in MUs upto Feb 2021 for the year 2020-21	Cumulative Availability in % upto Feb 2021 for the year 2020-21
RPH	135	-0.112	0.00	-0.06	-1.337	0.00
GT	270	25.653	89.67	19.73	412.543	87.87
PPCL	330	104.072	105.70	54.89	1396.437	93.07
Bawana	1372	213.939	94.88	92.74	2827.055	94.44
Towmcl	16	11.441	--	--	132.744	--
EDWPCL	10	1.657	--	--	16.816	--
DMSWL	24	10.323	--	--	122.437	--
TOTAL	2936	**366.973**	--	--	**4906.695**	--

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	17.02.21	10:10	Low demand
		21.02.21	19:11	23.02.21	11:50	Low demand
		23.02.21	12:45	28.02.21	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
		08.02.21	17:02	17.02.21	11:25	Low demand
		17.02.21	12:21	28.02.21	23:59	Low demand
3	30	01-04-20	0:00	28.02.21	23:59	Low Demand
4	30	01-04-20	0:00	06.02.21	14:16	Low Demand
		06-02-21	14:22	28.02.21	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	08.02.21	11:05	Low demand
		08.02.21	12:23	13.02.21	4:55	Low demand
		17.02.21	13:34	21.02.21	20:05	Low demand
		21.02.21	20:10	28.02.21	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	08.02.21	12:15	Low demand
		13.02.21	6:22	21.02.21	16:11	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
		08.02.21	15:53	17.02.21	13:17	Low demand
		19.02.21	15:07	19.02.21	15:47	Unit tripped due to class A relay operated
		23.02.21	15:30	28.02.21	23:59	Low demand
STG-2	30	01-04-20	0:00	28.02.21	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	08.02.21	14:33	Low demand
		08.02.21	14:45	08.02.21	15:39	Unit tripped due to tripped oil low
		08.02.21	16:17	08.02.21	17:32	Low demand
		13.02.21	3:35	13.02.21	7:34	Unit tripped due to condenser vacuum very low
		14.02.21	8:03	14.02.21	9:12	Unit tripped due to condenser vacuum very low
		17.02.21	13:34	17.02.21	14:30	Low demand
		17.02.21	16:00	21.02.21	18:44	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.
		17.02.21	18:26	17.02.21	19:06	GT#1 tripped on internal Fault.
		25.02.21	14:40	25.02.21	17:46	GT#1 & STG stopped for installation of RGMO/FGMO
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	25.02.21	14:24	GT#2 stopped due to non-scheduling. Outage continued…….
		25.02.21	18:24	28.02.21	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.
		17.02.21	18:26	17.02.21	19:58	STG tripped on GT#1 tripped.
		25.02.21	14:40	25.02.21	18:58	-do-

(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
		9.2.21	07:05	9.2.21	12:23	GT unloaded on high filter D.P. protection due to bad weather.
		12.2.21	23:32	13.2.21	13:50	GT unloaded on high filter D.P. protection due to bad weather.
		20.2.21	09:00	20.2.21	16:00	Dense foggy conditions caused tracking on Bus post insulator

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
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.
		13.2.21	01:31	13.2.21	12:55	GT unloaded on high filter D.P. protection due to bad weather.
		20.2.21	09:00	20.2.21	16:00	Dense foggy conditions caused tracking on Bus post insulator
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.
		19.2.21	05:52	19.2.21	16:20	GT unloaded on high filter D.P. protection due to bad weather.
		20.2.21	03:39	20.2.21	16:00	GT unloaded on high filter D.P. protection due to bad weather.
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
		20.2.21	06:47	20.2.21	16:00	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	
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
		9.2.21	07:05	9.2.21	13:50	DC of 1/2 STG taken out due to outage of GT#1.
		12.2.21	23:32	13.2.21	13:50	DC of 1/2 STG taken out due to outage of GT#1.
		13.2.21	01:38	13.2.21	16:13	DC of 1/2 STG taken out due to outage of GT#1.
		20.2.21	09:00	20.2.21	16:00	Non availability of GTs due to dense foggy conditions.
		25.2.21	19:40	26.2.21	02:35	Hydraulic pump supply MCB failed resulting in closure of damper and STG taken out to attend fault.
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.
		17.2.21	07:33	17.2.21	14:21	DC of 1/2 STG taken out due to outage of GT#1.
		19.2.21	05:52	19.2.21	17:28	DC of 1/2 STG taken out due to outage of GT#1.
		20.2.21	03:39	20.2.21	16:00	DC of 1/2 STG taken out due to outage of GT#1.
		20.2.21	06:47	20.2.21	16:00	DC of 1/2 STG taken out due to outage of GT#1.

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 FEBRUARY 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	10.05.13	43	160	295	15	8	12	533	3909	4049	-140	4442	0	4442
2	09.43.11	44	160	295	14	-1	15	527	3822	3852	-30	4349	0	4349
3	09.54.31	42	159	294	19	-1	14	527	3783	3840	-57	4310	0	4310
4	10.00.17	42	159	297	19	0	15	532	3584	3522	62	4116	0	4116
5	10.36.24	42	160	484	18	0	17	721	3765	3729	36	4486	0	4486
6	09.57.17	42	160	482	18	9	16	727	3297	3385	-88	4024	0	4024
7	11.00.00	42	160	484	18	10	16	730	3247	3348	-101	3977	0	3977
8	10.02.44	42	160	500	18	-1	13	732	3378	3488	-110	4110	0	4110
9	10.00.59	41	159	250	16	6	16	488	3607	3653	-46	4095	0	4095
10	10.00.38	42	156	503	19	0	16	736	3324	3442	-118	4060	0	4060
11	10.04.00	41	150	504	16	2	7	720	3150	3256	-106	3870	0	3870
12	10.00.22	42	150	502	18	2	5	719	3407	3294	113	4126	0	4126
13	10.23.50	42	160	-4	10	0	-1	207	3626	3522	104	3833	0	3833
14	10.07.15	42	156	505	13	4	17	737	3056	3018	38	3793	0	3793
15	09.49.59	42	157	501	18	0	17	735	3040	3070	-30	3775	0	3775
16	10.04.06	37	155	502	18	5	18	735	3045	3101	-56	3780	0	3780
17	10.15.32	46	155	228	19	2	16	466	3266	3319	-53	3732	0	3732
18	10.04.37	34	156	502	19	9	18	738	2964	2978	-14	3702	0	3702
19	10.28.58	33	156	127	16	5	12	349	3589	3641	-52	3938	0	3938
20	09.56.00	33	160	0	18	0	18	229	3389	3328	61	3618	0	3618
21	10.24.24	34	156	-4	16	0	16	218	3352	3415	-63	3570	0	3570
22	10.00.57	35	156	-3	19	8	16	231	3470	3555	-85	3701	0	3701
23	09.42.16	34	154	-3	18	8	14	225	3390	3337	53	3615	0	3615
24	09.51.44	35	154	-4	17	8	16	226	3459	3387	72	3685	0	3685
25	09.52.13	35	152	256	17	6	16	482	3098	3145	-47	3580	0	3580
26	10.22.00	34	154	264	18	3	17	490	3350	3227	123	3840	0	3840
27	10.14.55	34	154	292	17	1	15	513	2852	2820	32	3365	0	3365
28	10.29.48	34	153	636	17	8	16	864	2444	2454	-10	3308	0	3308

6 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING FEBRUARY 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	10.05.13	43	160	295	15	8	12	533	3909	4049	-140	4442	0	4442
2	09.43.11	44	160	295	14	-1	15	527	3822	3852	-30	4349	0	4349
3	09.54.31	42	159	294	19	-1	14	527	3783	3840	-57	4310	0	4310
4	10.00.17	42	159	297	19	0	15	532	3584	3522	62	4116	0	4116
5	10.36.24	42	160	484	18	0	17	721	3765	3729	36	4486	0	4486
6	09.57.17	42	160	482	18	9	16	727	3297	3385	-88	4024	0	4024
7	11.00.00	42	160	484	18	10	16	730	3247	3348	-101	3977	0	3977
8	10.02.44	42	160	500	18	-1	13	732	3378	3488	-110	4110	0	4110
9	10.00.59	41	159	250	16	6	16	488	3607	3653	-46	4095	0	4095
10	10.00.38	42	156	503	19	0	16	736	3324	3442	-118	4060	0	4060
11	10.04.00	41	150	504	16	2	7	720	3150	3256	-106	3870	0	3870
12	10.00.22	42	150	502	18	2	5	719	3407	3294	113	4126	0	4126
13	10.23.50	42	160	-4	10	0	-1	207	3626	3522	104	3833	0	3833
14	10.07.15	42	156	505	13	4	17	737	3056	3018	38	3793	0	3793
15	09.49.59	42	157	501	18	0	17	735	3040	3070	-30	3775	0	3775
16	10.04.06	37	155	502	18	5	18	735	3045	3101	-56	3780	0	3780
17	10.15.32	46	155	228	19	2	16	466	3266	3319	-53	3732	0	3732
18	10.04.37	34	156	502	19	9	18	738	2964	2978	-14	3702	0	3702
19	10.28.58	33	156	127	16	5	12	349	3589	3641	-52	3938	0	3938
20	09.56.00	33	160	0	18	0	18	229	3389	3328	61	3618	0	3618
21	10.24.24	34	156	-4	16	0	16	218	3352	3415	-63	3570	0	3570
22	10.00.57	35	156	-3	19	8	16	231	3470	3555	-85	3701	0	3701
23	09.42.16	34	154	-3	18	8	14	225	3390	3337	53	3615	0	3615
24	09.51.44	35	154	-4	17	8	16	226	3459	3387	72	3685	0	3685
25	09.52.13	35	152	256	17	6	16	482	3098	3145	-47	3580	0	3580
26	10.22.00	34	154	264	18	3	17	490	3350	3227	123	3840	0	3840
27	10.14.55	34	154	292	17	1	15	513	2852	2820	32	3365	0	3365
28	10.29.48	34	153	636	17	8	16	864	2444	2454	-10	3308	0	3308

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

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

A (i) RPH	0.000
(ii) GT+STG	27.046
(iii) PRAGATI	106.303
(iv) RITHALA	0.000
(v) BAWANA CCGT	221.465
(vi) Timarpur – Okhla	13.277
EDWPCL	2.351
DMSWL	12.219
TOTAL	382.661
B) AVAILABILITY FROM BTPS	-0.051
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	15.688
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**366.922**

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	1.863	1.795	1.888	1.820
SALAL	8.669	8.352	8.663	8.347
SASAN	264.169	254.503	264.140	254.475
TANKAPUR	0.170	0.163	0.170	0.163
CHAMERA	3.575	3.444	3.527	3.398
CHAMERA -II	3.915	3.772	3.929	3.785
CHAMERA -III	2.459	2.369	2.459	2.369
DHAULIGANGA	0.767	0.738	0.767	0.738
SEWA -2	0.000	0.000	0.000	0.000
URI	17.574	16.937	17.644	17.004
URI-II	13.147	12.671	13.230	12.750
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	10.685	10.294	10.685	10.294
PARBATI3	1.000	0.963	1.052	1.014
RAMPUR	0.000	0.000	0.000	0.000
ANTA (CRF)	0.000	0.000	0.000	0.000
ANTA (GAS)	0.015	0.014	0.000	0.000
ANTA (RLNG)	1.175	1.133	0.000	0.000
ANTA (LIQUID)	27.517	26.508	0.000	0.000
DADRI (CRF)	0.516	0.496	0.293	0.282
DADRI (GAS)	3.482	3.350	3.010	2.896
DADRI (RLNG)	2.917	2.811	0.043	0.042
DADRI (LIQUID)	53.781	51.817	0.000	0.000
AURAIYA (CRF)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	0.072	0.069	0.020	0.019
AURAIYA (RLNG)	1.487	1.435	0.000	0.000
AURAIYA (LIQUID)	43.838	42.232	0.000	0.000
SINGRAULI	85.989	82.841	79.300	76.401
SINGRAULI_HYDRO	0.358	0.345	0.366	0.353
RIHAND -I	58.473	56.329	51.875	49.976
RIHAND -II	69.447	66.898	65.616	63.210
RIHAND -III	41.961	40.426	40.854	39.360
UNCHAHAR-I	14.571	14.037	11.022	10.618
UNCHAHAR-II	28.740	27.688	23.177	22.330
UNCHAHAR-III	16.876	16.258	13.604	13.107
UNCHAHAR-IV	0.000	0.000	0.000	0.000
DADRI (TH)	419.032	403.632	0.000	0.000
DADRI (TH) STAGE-II	460.281	443.435	365.732	352.364
BRBCL (NABIPUR-BIHAR)	2.685	2.586	2.660	2.563

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
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
NAPP	20.850	20.096	20.827	20.074
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	17.482	16.842	17.482	16.842
NATHPA JHAKRI	15.608	15.037	15.731	15.156
DULASTI	8.094	7.798	8.094	7.798
TEHRI	16.982	16.361	16.981	16.359
JHAJJAR	438.913	422.849	233.582	224.953
KHELGAON	23.474	22.616	19.467	18.756
KHELGAON-II	92.480	89.100	77.565	74.735
FARAKA	13.020	12.545	10.195	9.824
TALA	1.511	1.456	1.511	1.456
DVC	202.091	202.091	202.091	194.691
TUTICORIN - BRPL	9.619	9.619	9.619	9.262
MADHYA PRADESH	1.335	1.335	1.335	1.288
GUJRAT	0.150	0.150	0.150	0.145
KARNATAKA	4.761	4.761	4.761	4.587
NAGALAND	0.000	0.000	0.000	0.000
CHATTISHGARH	0.000	0.000	0.000	0.000
UTTAR PRADESH	0.060	0.060	0.060	0.058
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)	0.180	0.180	0.180	0.174
BIHAR	0.440	0.440	0.440	0.424
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)	0.000	0.000	0.000	0.000
SIKKIM	5.250	5.250	5.250	5.058
TAMILNAIDU	0.000	0.000	0.000	0.000
SEIL PROJECT-II(ANDHRA PRADESH)	0.000	0.000	0.000	0.000
MEGHALAYA	3.269	3.269	3.269	3.150
ANDHRA	0.489	0.489	0.489	0.471
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	101.275	101.275	101.275	97.601
DVC MEJIA (LT-08)(BYPL)	64.111	64.111	64.111	61.768
Acme_RUMS	8.787	8.787	8.787	8.465
Arinsun_RUMS	8.651	8.651	8.651	8.334
Mahindra_RUMS	8.179	8.179	8.179	7.880
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	12.905	12.905	12.905	12.433
HIMACHAL PRADESH	2.167	2.167	2.167	2.088
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	0.352	0.352	0.352	0.339
HARYANA (LT-05)	42.640	42.640	42.640	41.060
MP(SOLAR RUMS)	29.022	29.022	29.022	27.961
HP TPDDL (NANTI)	0.755	0.755	0.755	0.728
ALFANAR WIND(BRPL) GUJRAT	18.158	18.158	18.158	17.500
ALFANAR WIND(BYPL) (GUJRAT)	6.053	6.053	6.053	5.833
ASE4PL (Adani Green ENERGY U.P.)	7.757	7.757	7.757	7.471
ALFANAR WIND(TPDDL)(GUJRAT)	6.053	6.053	6.053	5.833
ADHPL (HP)	0.000	0.000	0.000	0.000
ODHISHA	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	1.671	1.671	1.671	1.612
RAJASTHAN(SOLAR) BRPL-LT36	3.218	3.218	3.218	3.100
RAJASTHAN(SOLAR) BYPL - LT-35	3.179	3.179	3.179	3.063
RAJASTHAN(SOLAR) TPDDL LT-31	3.179	3.179	3.179	3.063

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)	1.024	1.024	1.024	0.987
TO NAGALAND	0.000	0.000	0.000	0.000
TO ANDHRA	0.000	0.000	0.000	0.000
TO UTTRAKHAND	-24.570	-24.570	-24.570	-25.502
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO MEGHALAYA	-12.382	-12.382	-12.382	-12.852
TO KERALA	0.000	0.000	0.000	0.000
TO ODISHA	0.000	0.000	0.000	0.000
TO TAMILNAIDU	-103.929	-103.929	-103.929	-107.727
TO GOA	-4.534	-4.534	-4.534	-4.707
TO CHATTISHGARH	0.000	0.000	0.000	0.000
TO MANIPUR	-12.948	-12.948	-12.948	-13.440
TO ARUNACHAL PRADESH	-9.711	-9.711	-9.711	-10.080
TO HIMACHAL PRADESH	-119.221	-119.221	-119.221	-123.759
TO GUJRAT	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	92.432	89.067	92.432	89.067
TO POWER EXCHANGE (IEX)	-159.512	-165.640	-159.512	-165.640
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)	-18.376	-19.085	-18.376	-19.085
TO SHARE PROJECT (PUNJAB)	-20.759	-21.555	-20.759	-21.555
REAL TIME MANAGEMENT (RTM)	33.631	32.417	33.631	32.417
TO REAL TIME MANAGEMENT (RTM)	-35.390	-36.754	-35.390	-36.754
TOTAL	**2471.130**	**2372.976**	**1568.673**	**1472.437**

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	1333.213	1284.341	657.573	633.519
NTPC - ER	128.975	124.261	107.227	103.315
NHPC	61.232	59.001	61.423	59.185
NPC	38.332	36.938	38.309	36.916
SASAN	264.169	254.503	264.140	254.475
KOTESHWAR	10.685	10.294	10.685	10.294
NATHPA JHAKRI	15.608	15.037	15.731	15.156
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
TEHRI	16.982	16.361	16.981	16.359
TALA	1.511	1.456	1.511	1.456
JHAJJAR	438.913	422.849	233.582	224.953
RAJASTHAN SOLAR(BRPL)T-36	3.218	3.218	3.218	3.100
RAJASTHAN SOLAR(BYPL)T-35	3.179	3.179	3.179	3.063
RAJASTHAN SOLAR(TPDDL)T-31	3.179	3.179	3.179	3.063
DVC	202.091	202.091	202.091	194.691
TUTICORIN BRPL	9.619	9.619	9.619	9.262
MADHYA PRADESH	1.335	1.335	1.335	1.288
GUJRAT	0.150	0.150	0.150	0.145
KARNATAKA	4.761	4.761	4.761	4.587
NAGALAND	0.000	0.000	0.000	0.000
CHATTISHGARH	0.000	0.000	0.000	0.000
UTTAR PRADESH	0.060	0.060	0.060	0.058
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)	0.180	0.180	0.180	0.174
BIHAR	0.440	0.440	0.440	0.424
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)	0.000	0.000	0.000	0.000
SIKKIM	5.250	5.250	5.250	5.058
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	3.269	3.269	3.269	3.150
ANDHRA	0.489	0.489	0.489	0.471
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	101.275	101.275	101.275	97.601
DVC MEJIA (LT-08)(BYPL)	64.111	64.111	64.111	61.768
Acme_RUMS	8.787	8.787	8.787	8.465
Arinsun_RUMS	8.651	8.651	8.651	8.334
Mahindra_RUMS	8.179	8.179	8.179	7.880
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	12.905	12.905	12.905	12.433
HIMACHAL PRADESH	2.167	2.167	2.167	2.088
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)	0.352	0.352	0.352	0.339
HARYANA (LT -05)	42.640	42.640	42.640	41.060
ADHPL (HP)	0.000	0.000	0.000	0.000
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	1.671	1.671	1.671	1.612
MP(SOLAR RUMS)	29.022	29.022	29.022	27.961
HP TPDDL (NANTI)	0.755	0.755	0.755	0.728
HP TRANDA (RAILWAYS)	1.024	1.024	1.024	0.987
ALFANAR WIND(BRPL)	18.158	18.158	18.158	17.500
ALFANAR WIND(BYPL)	6.053	6.053	6.053	5.833
ASE4PL (Adani Green ENERGY U.P.)	7.757	7.757	7.757	7.471
ALFANAR WIND(TPDDL)	6.053	6.053	6.053	5.833
POWER EXCHANGE(IEX)	92.432	89.067	92.432	89.067
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
REAL TIME MANAGEMENT (RTM)	33.631	32.417	33.631	32.417
TOTAL	**2992.463**	**2903.304**	**2090.006**	**2013.538**

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	-24.570	-24.570	-24.570	-25.502
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO KERALA	0.000	0.000	0.000	0.000
TO MEGHALAYA	-12.382	-12.382	-12.382	-12.852
TO ORIDSHA	0.000	0.000	0.000	0.000
TO TAMILNAIDU	-103.929	-103.929	-103.929	-107.727
TO GOA	-4.534	-4.534	-4.534	-4.707
TO CHATTISHGARH	0.000	0.000	0.000	0.000
TO MANIPUR	-12.948	-12.948	-12.948	-13.440
TO ARUNACHAL PRADESH	-9.711	-9.711	-9.711	-10.080
TO HIMACHAL PRADESH	-119.221	-119.221	-119.221	-123.759
TO GUJRAT	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-159.512	-165.640	-159.512	-165.640
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-18.376	-19.085	-18.376	-19.085
TO SHARE PROJECT (PUNJAB)	-20.759	-21.555	-20.759	-21.555
TO REAL TIME MANAGEMENT (RTM)	-35.390	-36.754	-35.390	-36.754
TOTAL	**-521.333**	**-530.329**	**-521.333**	**-541.101**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**2471.130**	**2372.976**	**1568.673**	**1472.437**

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs		1819.847
NET CONSUMPTION		**1804.159**
AVAILABILITY WITHIN DELHI		366.922
ACTUAL DRAWAL FROM THE GRID		1437.237
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY		-35.200
LOAD SHEDDING		**0.397**
UNRESTRICTED DEMAND (GROSS)		1820.244
UNRESTRICTED DEMAND (NET)		1804.556
MAX. NET CONSUMPTION		**70.744 On 05.02.21**
MAX. LOAD SHEDDING		314 MW ON 13.02.2021 AT 07.15 HRS.
PEAK LOAD	Peak Demand during the month	SHEDDING AT PEAK TIME
DAY PEAK	4486 MW AT 10.36.24 HRS ON 05.02.2021	NIL.
EVENING PEAK	3532 MW AT 18.30.00 HRS ON 04.02.2021	NIL

8 SHEDDING DETAILS DURING THE MONTH OF FEBRUARY 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
01-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08-02-21	1	0.002	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000
09-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13-02-21	0	0.0000	0.0000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28-02-21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	**1**	**0.002**	**0.000**	**0.000**	**0.000**	**0.0022**	**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
01-02-21	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**
02-02-21	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**
03-02-21	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**
04-02-21	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**
05-02-21	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**
06-02-21	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**
07-02-21	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**
08-02-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.002**
09-02-21	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**
10-02-21	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**
11-02-21	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**
12-02-21	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**
13-02-21	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**
14-02-21	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**
15-02-21	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**
16-02-21	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**
17-02-21	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**
18-02-21	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**
19-02-21	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**
20-02-21	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**
21-02-21	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**
22-02-21	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**
23-02-21	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**
24-02-21	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**
25-02-21	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**
26-02-21	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**
27-02-21	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**
28-02-21	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**	**0.002**

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
01-02-21	0.0035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
02-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0040	0.0070	0.0000
03-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
04-02-21	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
05-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
06-02-21	0.0128	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000
07-02-21	0.0030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000
08-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000
09-02-21	0.0000	0.0011	0.0000	0.0000	0.0000	0.0000	0.0010	0.0020	0.0000
10-02-21	0.0043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000
11-02-21	0.0000	0.0000	0.0230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12-02-21	0.0006	0.0000	0.0127	0.0015	0.0000	0.0000	0.0006	0.0000	0.0000
13-02-21	0.0000	0.0000	0.2310	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0002	0.0000
15-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000
17-02-21	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
18-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
19-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0136	0.0000	0.0000
20-02-21	0.0000	0.0000	0.0460	0.0000	0.0000	0.0000	0.0000	0.0010	0.0000
21-02-21	0.0001	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22-02-21	0.0052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0015	0.0000	0.0000
23-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
25-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0003	0.0000
26-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0023	0.0000	0.0000
27-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000
28-02-21	0.0016	0.0001	0.0000	0.0023	0.0000	0.0000	0.0000	0.0027	0.0000
TOTAL	**0.0311**	**0.0022**	**0.3139**	**0.0038**	**0.0000**	**0.0000**	**0.0298**	**0.0138**	**0.0000**

ALL FIGURES IN MUs

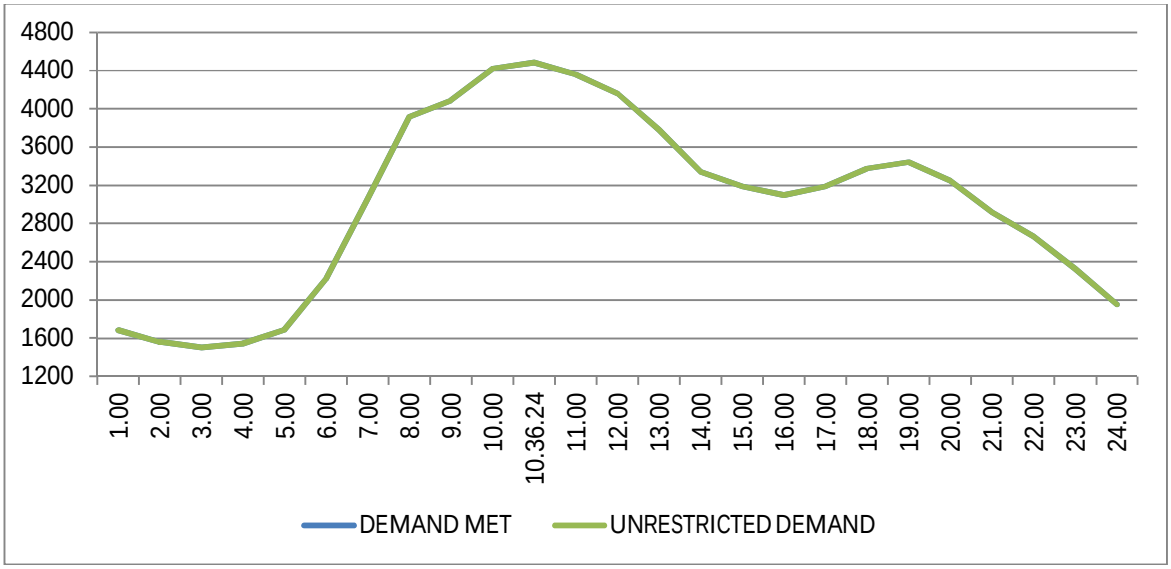
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0035**	**0.0035**
02-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0110**	**0.0110**
03-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0000**	**0.0000**
04-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0006**	**0.0006**
05-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0000**	**0.0000**
06-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0130**	**0.0130**
07-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0070**	**0.0070**
08-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0002**	**0.0024**
09-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0041**	**0.0041**
10-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0047**	**0.0047**
11-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0230**	**0.0230**
12-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0154**	**0.0154**
13-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.2310**	**0.2310**
14-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0008**	**0.0008**
15-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0000**	**0.0000**
16-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0002**	**0.0002**
17-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0009**	**0.0009**
18-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0005**	**0.0005**
19-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0136**	**0.0136**
20-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0470**	**0.0470**
21-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0011**	**0.0011**
22-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0067**	**0.0067**
23-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0000**	**0.0000**
24-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0000**	**0.0000**
25-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0004**	**0.0004**
26-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0023**	**0.0023**
27-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0008**	**0.0008**
28-02-21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0067**	**0.0067**
TOTAL	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.3945**	**0.397**

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
01-02-21	**70.434**	**4442**	10:05:13	0	4442	**4442**	10:35:31	**4442**	0
02-02-21	**69.308**	**4349**	09:43:11	0	**4349**	**4349**	10:33:14	**4349**	0
03-02-21	**69.352**	**4310**	09:54:31	0	**4310**	**4310**	11:53:56	**4310**	0
04-02-21	**67.657**	**4116**	10:00:17	0	**4116**	**4116**	10:32:22	**4116**	0
05-02-21	**70.744**	**4486**	10:36:24	0	**4486**	**4486**	1037:39	**4486**	0
06-02-21	**65.683**	**4024**	09:57:17	0	**4024**	**4024**	10:37:26	**4024**	0
07-02-21	**62.935**	**3977**	11:00	0	**3977**	**3977**	10:30	**3977**	0
08-02-21	**67.012**	**4110**	10:02:44	0	**4110**	**4110**	10:45:47	**4110**	0
09-02-21	**66.737**	**4095**	10:00:59	0	**4095**	**4095**	11:03:15	**4095**	0
10-02-21	**66.811**	**4060**	'10:00:38	0	**4060**	**4060**	10:58:06	**4060**	0
11-02-21	**64.825**	**3870**	10:04	0	**3870**	**3870**	10:21	**3870**	0
12-02-21	**67.054**	**4126**	10:00:22	0	**4126**	**4126**	10:52:03	**4126**	0
13-02-21	**62.807**	**3833**	10:23:50	0	**3833**	**3833**	10:14:32	**3833**	0
14-02-21	**58.854**	**3793**	10:07:15	0	**3793**	**3793**	09:53:05	**3793**	0
15-02-21	**62.539**	**3775**	09:49:59	0	**3775**	**3775**	10:38:07	**3775**	0
16-02-21	**63.380**	**3780**	10:04:06	0	**3780**	**3780**	10:29:42	**3780**	0
17-02-21	**63.034**	**3732**	10:15:32	0	**3732**	**3732**	11:05:58	**3732**	0
18-02-21	**63.374**	**3702**	10:04:37	0	**3702**	**3702**	10:44:46	**3702**	0
19-02-21	**65.320**	**3938**	10:28:58	0	**3938**	**3938**	10:26:21	**3938**	0
20-02-21	**59.874**	**3618**	09:56	0	**3618**	**3618**	09:48:38	**3618**	0
21-02-21	**57.830**	**3570**	10:24:24	0	**3570**	**3570**	09:50:56	**3570**	0
22-02-21	**61.894**	**3701**	10:00:57	0	**3701**	**3701**	10:33:32	**3701**	0
23-02-21	**63.034**	**3615**	09:42:16	0	**3615**	**3615**	10:17:06	**3615**	0
24-02-21	**62.857**	**3685**	09:51:44	0	**3685**	**3685**	11:00:41	**3685**	0
25-02-21	**63.051**	**3580**	09:52:13	0	**3580**	**3580**	10:37:36	**3580**	0
26-02-21	**65.402**	**3840**	10:22	0	**3840**	**3840**	10:01:01	**3840**	0
27-02-21	**62.445**	**3365**	10:14:55	0	**3365**	**3365**	10:11:01	**3365**	0
28-02-21	**59.912**	**3308**	10:29:48	0	**3308**	**3308**	10:23:46	**3308**	0
TOTAL	**1804.159**	**4486**	10:36:24	0	**4486**	**4486**	10:36:24	**4486**	0
		05.02.21			**05.02.21**				

9. LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING FEBRUARY 2021 ON 05.02.2021 - 4486 MW AT 10.36.24HRS.

All figures in MW

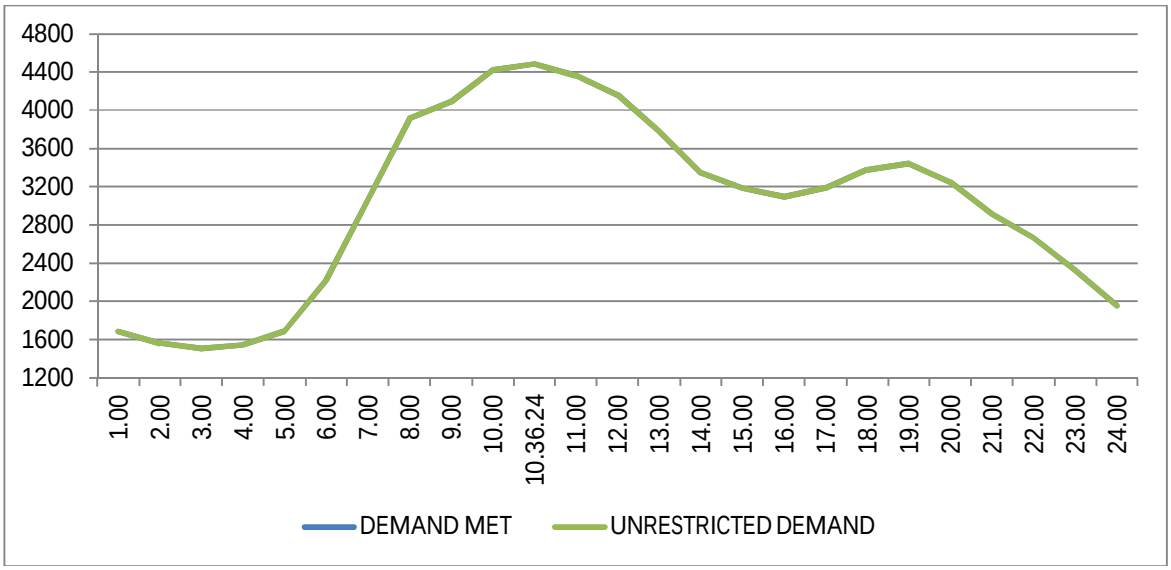
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1687	0	1687
2.00	1564	0	1564
3.00	1508	0	1508
4.00	1542	0	1542
5.00	1685	0	1685
6.00	2222	0	2222
7.00	3066	0	3066
8.00	3921	0	3921
9.00	4088	0	4088
10.00	4419	0	4419
10.36.24	4486	0	4486
11.00	4359	0	4359
12.00	4159	0	4159
13.00	3781	0	3781
14.00	3346	0	3346
15.00	3187	0	3187
16.00	3096	0	3096
17.00	3187	0	3187
18.00	3376	0	3376
19.00	3439	0	3439
20.00	3245	0	3245
21.00	2915	0	2915
22.00	2666	0	2666
23.00	2327	0	2327
24.00	1954	0	1954
Total (IN MUS)	**70.744**	**0.000**	**70.744**



10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING FEBRUARY 2021 ON 05.02.2021 - 4486 MW AT 10.36.24 HRS.

All figures in MW

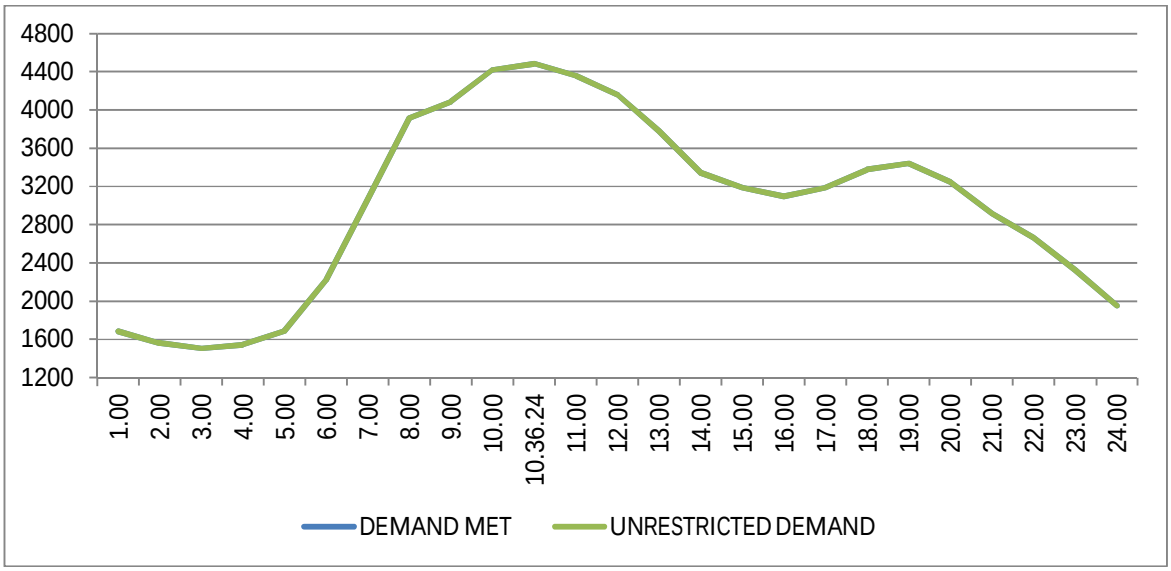
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1687	0	1687
2.00	1564	0	1564
3.00	1508	0	1508
4.00	1542	0	1542
5.00	1685	0	1685
6.00	2222	0	2222
7.00	3066	0	3066
8.00	3921	0	3921
9.00	4088	0	4088
10.00	4419	0	4419
10.36.24	4486	0	4486
11.00	4359	0	4359
12.00	4159	0	4159
13.00	3781	0	3781
14.00	3346	0	3346
15.00	3187	0	3187
16.00	3096	0	3096
17.00	3187	0	3187
18.00	3376	0	3376
19.00	3439	0	3439
20.00	3245	0	3245
21.00	2915	0	2915
22.00	2666	0	2666
23.00	2327	0	2327
24.00	1954	0	1954
Total (IN MUS)	**70.744**	**0.000**	**70.744**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING FEBRUARY 2021 – 05.02.2021– 70.744 Mus

All figures in MW

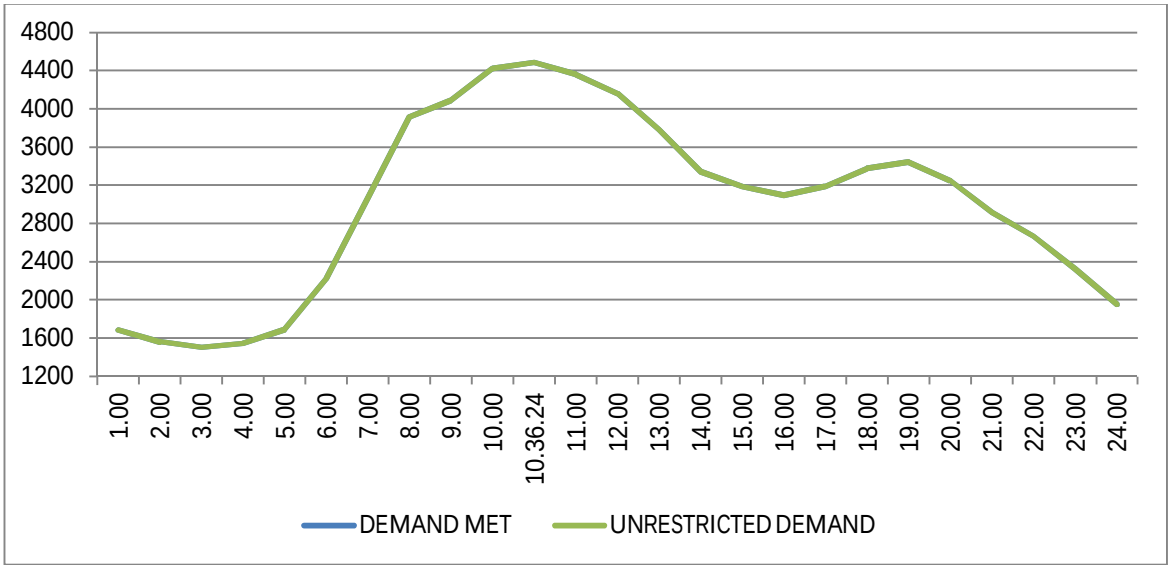
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1687	0	1687
2.00	1564	0	1564
3.00	1508	0	1508
4.00	1542	0	1542
5.00	1685	0	1685
6.00	2222	0	2222
7.00	3066	0	3066
8.00	3921	0	3921
9.00	4088	0	4088
10.00	4419	0	4419
10.36.24	4486	0	4486
11.00	4359	0	4359
12.00	4159	0	4159
13.00	3781	0	3781
14.00	3346	0	3346
15.00	3187	0	3187
16.00	3096	0	3096
17.00	3187	0	3187
18.00	3376	0	3376
19.00	3439	0	3439
20.00	3245	0	3245
21.00	2915	0	2915
22.00	2666	0	2666
23.00	2327	0	2327
24.00	1954	0	1954
Total (IN MUS)	**70.744**	**0.000**	**70.744**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING FEBRUARY 2021- ON 05.02.2021 – 70.744 –MUs

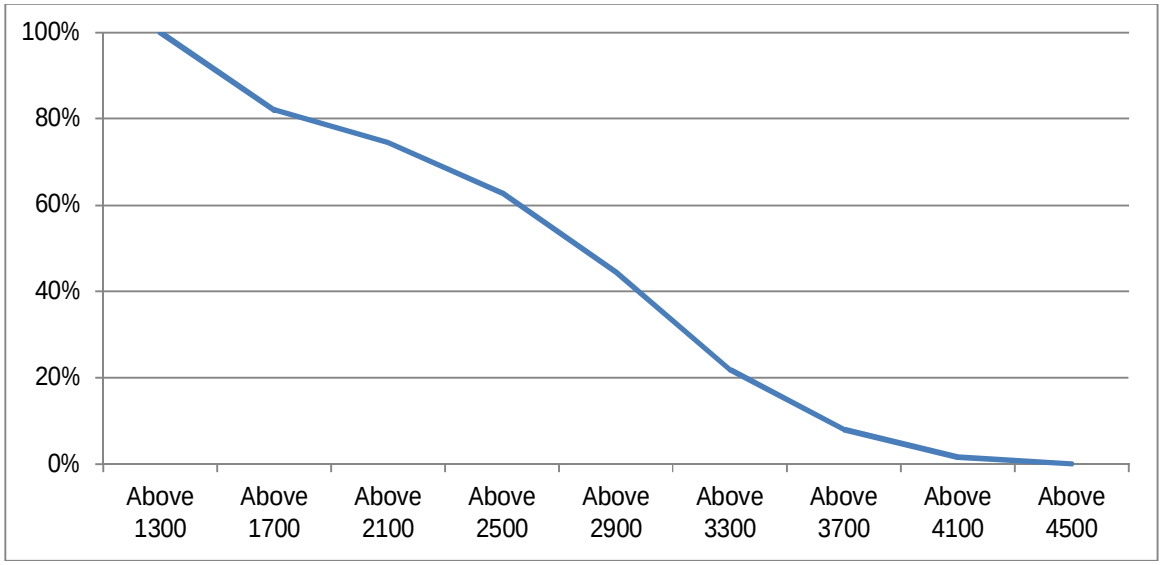
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1687	0	1687
2.00	1564	0	1564
3.00	1508	0	1508
4.00	1542	0	1542
5.00	1685	0	1685
6.00	2222	0	2222
7.00	3066	0	3066
8.00	3921	0	3921
9.00	4088	0	4088
10.00	4419	0	4419
10.36.24	4486	0	4486
11.00	4359	0	4359
12.00	4159	0	4159
13.00	3781	0	3781
14.00	3346	0	3346
15.00	3187	0	3187
16.00	3096	0	3096
17.00	3187	0	3187
18.00	3376	0	3376
19.00	3439	0	3439
20.00	3245	0	3245
21.00	2915	0	2915
22.00	2666	0	2666
23.00	2327	0	2327
24.00	1954	0	1954
Total (IN MUS)	**70.744**	**0.000**	**70.744**



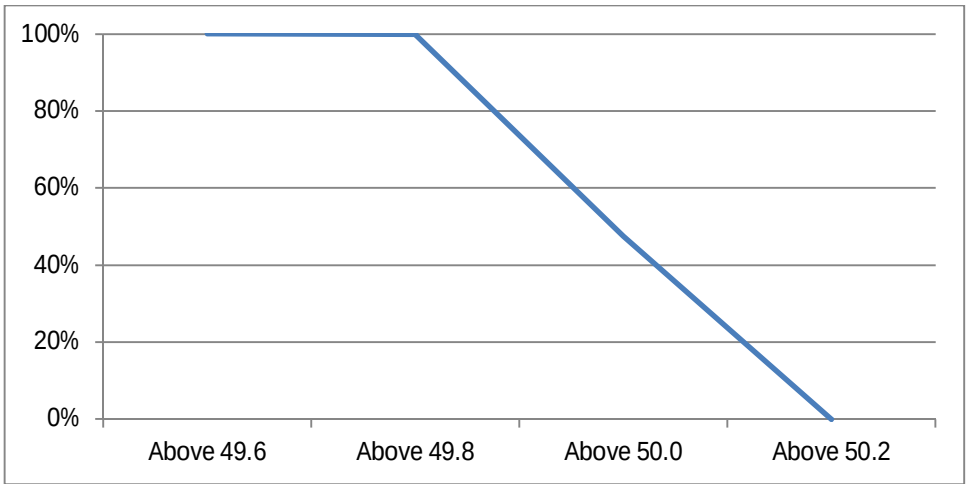
13 LOAD DURATION CURVE FOR FEBRUARY 2021

Load in MW	Percentage of Time
Above 1300	100%
Above 1700	82.03%
Above 2100	74.54%
Above 2500	62.87%
Above 2900	44.49%
Above 3300	21.83%
Above 3700	7.99%
Above 4100	1.52%
Above 4500	0.00%



14 FREQUENCY ANALYSIS FOR THE MONTH OF FEBRUARY 2021

FREQUENCY REMAINED ABOVE IN MW	(%) OF TIME
Above 49.6	100%
Above 49.8	99.85%
Above 50.0	47.47%
Above 50.2	0.00%



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-02-21	235.37	218.07	235.41	219.53
02-02-21	234.21	211.05	237.24	222.3
03-02-21	234.72	216.78	238.3	224.57
04-02-21	235.05	219.78	238.9	222.35
05-02-21	236.05	217.37	239.24	224.75
06-02-21	234.56	219.77	238.23	225.62
07-02-21	234.58	221.5	237.79	221.82
08-02-21	235.21	218.55	238.11	220.71
09-02-21	235	220.44	237.65	224.63
10-02-21	234.02	217.08	237.9	225.68
11-02-21	235.21	219.38	239.29	222.01
12-02-21	233.77	216.14	238.29	221.38
13-02-21	236.14	219.58	237.71	222.24
14-02-21	234.3	218.47	237.88	221.32
15-02-21	234.62	219.79	238.56	220.77
16-02-21	235.65	219.33	237.62	221.29
17-02-21	234.35	218.93	237.87	224.14
18-02-21	233.68	219.57	238.56	222.04
19-02-21	235.01	218.22	238.98	222.9
20-02-21	236.41	219.3	237.33	220.24
21-02-21	236.3	218.95	233.63	219.71
22-02-21	234.28	218.63	234.85	219.99
23-02-21	233.84	217.51	237.1	221.3
24-02-21	235.87	218.18	236.22	218.96
25-02-21	234.65	216.63	236.23	218.69
26-02-21	233.79	219.39	235.93	225.09
27-02-21	234.85	221.9	236.1	220.14
28-02-21	234.88	221	235.73	222.06

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

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Feb-21	419.5	4:01:25	394.41	11:06:58	408.19
02-Feb-21	416.21	3:45:24	394.64	10:05:35	407.05
03-Feb-21	416.68	4:00:52	390.19	10:18:38	407
04-Feb-21	416.92	4:01:50	393.23	11:28:51	407.97
05-Feb-21	419.26	4:01:05	392.76	10:17:04	407.54
06-Feb-21	416.21	4:01:46	393.94	11:15:27	407.05
07-Feb-21	416.92	16:02:21	397.22	11:15:00	408.84
08-Feb-21	417.86	4:01:12	391.59	10:07:43	406.77
09-Feb-21	416.92	4:02:05	395.81	9:34:06	407.44
10-Feb-21	414.57	1:26:18	392.06	11:08:19	406.43
11-Feb-21	418.09	4:01:01	395.11	11:16:53	407.25
12-Feb-21	414.81	0:01:05	389.72	12:23:45	405.7
13-Feb-21	417.15	4:01:07	392.76	11:22:58	406.99
14-Feb-21	414.57	0:24:20	0	10:15:31	170.17
15-Feb-21	--	--	--	--	--
16-Feb-21	--	--	--	--	--
17-Feb-21	--	--	--	--	--
18-Feb-21	--	--	--	--	--
19-Feb-21	--	--	--	--	--
20-Feb-21	--	--	--	--	--
21-Feb-21	--	--	--	--	--
22-Feb-21	--	--	--	--	--
23-Feb-21	--	--	--	--	--
24-Feb-21	--	--	--	--	--
25-Feb-21	417.15	21:00:48	0	1:51:08	99.95
26-Feb-21	419.73	4:01:29	401.44	9:32:10	411.78
27-Feb-21	421.84	4:01:02	403.32	11:09:23	413
28-Feb-21	422.55	4:00:25	402.61	11:06:57	415.2

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-02-21	424.44	04:02:09	398.92	11:37:17	414.27
02-02-21	424.04	04:02:02	400.51	10:05:53	414.66
03-02-21	424.61	04:01:42	397.78	10:10:46	414.97
04-02-21	425.8	04:02:17	403.84	11:29:47	417.61
05-02-21	427.82	04:01:02	400.81	10:21:03	415.38
06-02-21	424.33	04:01:47	402.71	11:19:56	415.69
07-02-21	426.16	16:04:13	406.78	11:13:33	417.44
08-02-21	425.64	04:01:19	400.84	12:11:49	414.61
09-02-21	425.37	04:02:27	403.22	11:19:41	415.57
10-02-21	423.88	01:26:04	398.48	11:07:34	414.97
11-02-21	425.72	04:01:04	401.78	11:17:17	415.73
12-02-21	422.88	04:02:44	394.02	11:35:06	414.14
13-02-21	426.98	04:02:43	400.71	12:24:50	416.33
14-02-21	423.72	04:02:00	401.87	11:32:54	415.76
15-02-21	424.42	04:00:29	403.04	11:24:14	416.63
16-02-21	427.2	04:01:53	401.48	12:19:10	416.94
17-02-21	424.14	00:32:15	401.51	11:18:07	416.25
18-02-21	425.02	02:58:25	403.97	12:14:05	416.49
19-02-21	426.44	02:59:17	402.55	10:18:10	416.37
20-02-21	426.65	04:01:58	403.31	11:48:40	417.25
21-02-21	427.53	04:33:19	402.31	11:07:42	418.52
22-02-21	425.09	04:01:43	401.55	11:18:12	416.3
23-02-21	424.81	04:02:00	400.82	10:11:15	417.15
24-02-21	428.52	04:02:43	401.1	11:24:25	416.95
25-02-21	426.26	02:01:15	398.83	11:07:19	416.05
26-02-21	424.39	04:33:57	402.25	11:12:46	416.01
27-02-21	426.21	04:03:25	406.96	11:10:17	417.13
28-02-21	425.8	04:02:10	404.16	11:07:30	418

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

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	1.2.21	16:48	PARKSTREET 220/33kV 100MVA Tx-I	1.2.21	17:10	86
2	1.2.21	16:48	PARKSTREET 220/33kV 100MVA Tx-II	1.2.21	17:10	86
3	6.2.21	10:25	PARKSTREET 220/33kV 100MVA Tx-I	6.2.21	22:12	BUCHLOZ.
4	6.2.21	10:25	PARKSTREET 220/33kV 100MVA Tx-II	6.2.21	10:54	E/F.
5	7.2.21	04:45	VASANT KUNJ 66/11kV, 20MVA Tx-I	8.2.21	02:20	86
6	9.2.21	17:27	220kV BAMNAULI-PAPPANKALAN-II CKT-I	9.2.21	20:22	AT PAPANKALAN-II : DIST PROT, ZONE-I, 86ABC AT BAMNAULI : DIST PROT, ZONE-I, DIST 10.82KM.
7	10.2.21	07:02	PARKSTREET 220/33kV 100MVA Tx-II	10.2.21	07:42	86
8	10.2.21	07:02	PARKSTREET 220/33kV 100MVA Tx-I	10.2.21	07:42	86
9	11.2.21	12:43	GOPALPUR 220/66kV 100MVA Tx-II	11.2.21	15:37	186
10	11.2.21	12:43	GOPALPUR 220/66kV 160MVA Tx	11.2.21	15:37	186
11	11.2.21	12:43	220kV GOPALPUR-SUBZI MANDI CKT-I	11.2.21	13:20	AT SUBZI MANDI : CVT DISAPPEARED.
12	11.2.21	12:43	220kV GOPALPUR- MANDOLACKT-I	11.2.21	15:37	AT GOPALPUR : AT GOPALPUR : DIST PROT, DIST 1.854KM
13	11.2.21	12:43	220kV GOPALPUR-SUBZI MANDI CKT-I	11.2.21	15:37	AT GOPALPUR : DIST PROT, DIST 1.854KM.
14	11.2.21	12:47	SUBZI MANDI 220/33kV 100MVA Tx-I	11.2.21	12:54	186, 86, DIFFERENTIAL.
15	11.2.21	13:22	KANJHAWALA 220/66kV 100MVA Tx-II	11.2.21	13:42	Tx-II tripped on 86 66kV I/C-II tripped on E/F, 86, O/C
16	11.2.21	13:22	KANJHAWALA 66kV DMRC CKT	12.2.21	11:38	At Khanjawala: E/F, 95C
17	11.2.21	13:22	KANJHAWALA 220/66kV 160MVA Tx-I	11.2.21	13:37	66kV I/C-III tripped on 50/51N, 86
18	12.2.21	08:22	DSIIDC Bawana 220/66kV 100MVA Tx-II	12.2.21	08:39	O/C, E/F.
19	12.2.21	08:35	RAJGHAT 220/33kV 100MVA Tx-I	12.2.21	08:50	O/C, E/F.
20	12.2.21	22:03	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	12.2.21	23:59	86
21	13.2.21	09:45	SHALIMAR BAGH 33/11kV, 16MVA Tx-I	13.2.21	20:41	DIFFERENTIAL.
22	15.2.21	14:04	R K PURAM 220/66kV 160MVA Tx-II	15.2.21	17:37	BUCHOLZ.
23	17.2.21	01:40	SHALIMAR BAGH 220/33kV 100MVA Tx-III	17.2.21	14:15	REF, 86.
24	20.2.21	05:43	SHALIMAR BAGH 220/33kV 100MVA Tx-I	20.2.21	14:50	86
25	20.2.21	06:47	BAWANA 400/220kV 315MVA ICT-IV	20.2.21	15:59	SUPPLY FAILED DUE TO BUS BAR PORT OPERATED AT 400kV CCGT BAWANA
26	20.2.21	06:47	BAWANA 400/220kV 315MVA ICT-VI	20.2.21	15:59	SUPPLY FAILED DUE TO BUS BAR PORT OPERATED AT 400kV CCGT BAWANA
27	20.2.21	06:47	BAWANA 400/220kV 315MVA ICT-V	20.2.21	15:59	SUPPLY FAILED DUE TO BUS BAR PORT OPERATED AT 400kV CCGT BAWANA
28	20.2.21	06:47	BAWANA 400/220kV 315MVA ICT-I	20.2.21	15:59	SUPPLY FAILED DUE TO BUS BAR PORT OPERATED AT 400kV CCGT BAWANA
29	20.2.21	06:47	220kV BAWANA-DSIIDC BAWANA CKT-II	20.2.21	06:57	SUPPLY FAILED DUE TO BUS BAR PORT OPERATED AT 400kV CCGT BAWANA
30	20.2.21	06:47	220kV BAWANA-DSIIDC BAWANA CKT-I	20.2.21	06:57	SUPPLY FAILED DUE TO BUS BAR PORT OPERATED AT 400kV CCGT BAWANA
31	20.2.21	06:47	220KVBAWANA- ROHINI CKT-II	20.2.21	06:47	SUPPLY FAILED DUE TO BUS BAR PORT OPERATED AT 400kV CCGT BAWANA
32	20.2.21	06:47	220KVBAWANA- ROHINI CKT-I	20.2.21	06:57	SUPPLY FAILED DUE TO BUS BAR PORT OPERATED AT 400kV CCGT BAWANA
33	20.2.21	09:10	BAWANA 400/220kV 315MVA ICT-II	20.2.21	10:16	E/F
34	20.2.21	09:18	220KV PEERAGARHI-WAZIRPUR CKT-I	20.2.21	09:54	AT PEERA GARHI : DIST PROT, ZONE-I, ZONE-III, DIFFERENTIAL.
35	21.2.21	15:56	220kV WAZIRABAD - KASHMEREGATE CKT-II	21.2.21	17:07	AT WAZIRABAD : DIST PROT, ZONE-I, DIST 2.1KM.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
36	22.2.21	20:02	GAZIPUR 220/66kV 100MVA Tx-II	22.2.21	21:15	E/F
37	22.2.21	20:02	GAZIPUR 220/66kV 100MVA Tx-I	22.2.21	21:12	WITHOUT INDICATION.
38	28.2.21	11:51	GOPALPUR 220/66kV 100MVA Tx-II	28.2.21	12:53	TRIPPED ON AUTO TRIP.
39	28.2.21	14:42	PARKSTREET 220/33kV 100MVA Tx-II	28.2.21	15:07	E/F.
40	28.2.21	16:41	220kV WAZIRABAD - KASHMEREGATE CKT-II	28.2.21	17:46	AT WAZIRABAD : DIST PROT, ZONE-I, DIST 3.522KM.
41	28.2.21	17:45	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	28.2.21	18:00	86

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

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
08.02.21	1	15.02	15.12	220kV Patparganj	CBD Shahdra Ckt. -I	UFR	13