DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

NOVEMBER - 2020

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	NOV. 2019	NOV. 2020
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)**	**3161**	**3769**
	Date	15.11.2019	27.11.20
	Time	10.46.00	10.44.35
3	**Peak Demand met (MW)**	**3161**	**3769**
	Date	15.11.2019	27.11.20
	Time	10.46.00	10.44.35
4	Peak Availability (MW)	3036	3679
5	Shortage (-) / Surplus (+) in MW	(-)125	(-) 90
6	Percentage Shortage (-) / Surplus (+)	(-) 3.95	(-) 2.39
7	Maximum Energy Consume in a day (Mus)	70.709	64.325
8	Energy Consumed during the month	**1899.301**	**1783.447**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.000	0.000
ii)	Manual Load shedding from DTL S/Stns.	0.000	0.000
iii)	Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation		
	TPDDL	0.000	0.000
	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**	**0.000**
B)	Due to Constraints in System in Mus		
	DTL	0.558	0.014
	TPDDL	0.022	0.010
	BRPL	0.124	0.037
	BYPL	0.004	0.018
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.002	0.015
	Total	**0.710**	**0.094**
10	**Grand Total in Mus**	**0.710**	**0.094**

10:44:35 27.11.2020

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING NOVEMBER 2020

A) For the month of Nov 2020

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Plant Availability factor for the month (%)	Backing Down
1.	**RPH**	0.000	0.120	-0.120	0.00	0.00
2.	**GT**	29.650	1.387	28.263	14.99	139.654
3.	**PPCL**	117.602	2.396	115.206	50.42	43.609
4.	**Bawana**	358.306	10.134	348.172	98.71	601.051
5.	**Towmcl**	13.170	1.762	11.408	--	--
6.	**EDWPCL**	3.530	0.822	2.708	--	--
7.	**DMSWL**	13.660	2.066	11.594	--	--
	TOTAL	**535.918**	**18.687**	**517.231**	**--**	**784.314**

B) For the Year 2020-21 (Upto November 2020)

Power Station	Effective Capacity (MW)	Net Generation in MUs for Nov. 2020	Availability PLF (%) for Nov. 2020	PLF (%) for Nov. 2020	Cumulative Generation in MUs upto Nov. 2020 for the year 2020-21	Cumulative Availability in % upto Nov. 2020 for the year 2020-21
RPH	135	-0.120	0.00	-0.007	-0.977	0.00
GT	270	28.263	89.05	21.15	322.761	87.91
PPCL	330	115.206	69.34	56.81	1055.124	88.22
Bawana	1372	348.172	97.304	88.04	2082.201	88.40
Towmcl	16	11.408	--	--	98.223	--
EDWPCL	10	2.708	--	--	10.791	--
DMSWL	24	11.594	--	--	92.966	--
TOTAL	2936	**517.231**	**--**	**--**	**3661.089**	**--**

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
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
3	**30**	01-04-20	0:00	30.11.20	23:59	Low Demand
4	**30**	01-04-20	0:00	30.11.20	23:59	Low Demand

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
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	30.11.20	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	30.11.20	23:59	Low demand
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
STG-2	30	01-04-20	0:00	30.11.20	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	30.11.20	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.
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	30.11.2020	23:59	GT#2 swapped by GT#1. Outage continued…….
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

(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.
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.
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.
4	216	13.06.20	14:00	14.06.20	06:49	To attend fault on Bus-1 'R' Phase
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.
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.

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 NOVEMBER 2020

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	11.07.44	42	157	491	17	8	19	734	2410	2361	49	3144	0	3144
2	10.42.34	43	158	493	18	6	8	726	2680	2708	-28	3406	0	3406
3	10.10.44	42	159	489	19	5	7	721	2771	2794	-23	3492	0	3492
4	11.41.06	42	156	492	17	1	18	726	2903	2791	112	3629	0	3629
5	10.49.56	47	157	480	18	4	18	724	2774	2763	11	3498	0	3498
6	10.59.36	39	156	481	12	3	6	697	2873	2928	-55	3570	0	3570
7	10.45.14	40	157	481	8	0	7	693	2632	2563	69	3325	0	3325
8	11.48.48	40	157	284	12	0	18	511	2871	2680	191	3382	0	3382
9	11.05.13	6	155	484	19	0	18	682	2815	2804	11	3497	0	3497
10	11.32.39	41	154	479	18	0	17	709	2798	2715	83	3507	0	3507
11	10.25.33	42	154	482	20	0	8	706	2832	2819	13	3538	0	3538
12	10.04.31	42	157	479	18	3	18	717	2734	2774	-40	3451	0	3451
13	11.35.23	41	155	479	18	7	18	718	2852	2808	44	3570	0	3570
14	11.01.27	42	154	480	19	7	18	720	2170	2156	14	2890	0	2890
15	10.38.09	42	155	481	18	7	18	721	1888	1882	6	2609	0	2609
16	10.15.10	42	155	480	19	7	18	721	2464	2526	-62	3185	0	3185
17	11.35.30	42	154	485	13	5	18	717	2464	2478	-14	3181	0	3181
18	11.00.59	43	155	481	19	10	18	726	2688	2550	138	3414	0	3414
19	10.20.50	43	151	486	18	0	17	715	2683	2590	93	3398	0	3398
20	10.04.41	43	154	483	18	4	16	718	2960	2803	157	3678	0	3678
21	10.20.48	42	158	483	19	6	18	726	2611	2482	129	3337	0	3337
22	11.11.25	43	157	480	16	7	17	720	2680	2566	114	3400	0	3400
23	10.02.13	43	158	482	19	6	18	726	2844	2834	10	3570	0	3570
24	10.34.48	43	156	493	18	7	18	735	2854	2889	-35	3589	0	3589
25	10.59.33	42	154	506	19	3	18	742	2951	2868	83	3693	0	3693
26	11.18.36	43	153	482	16	6	17	717	2876	2759	117	3593	0	3593
27	10.4.35	43	157	482	14	3	16	715	3054	2964	90	3769	0	3769
28	10.30.04	43	156	488	17	2	18	724	2706	2664	42	3430	0	3430
29	11.00.24	42	151	482	18	2	17	712	2781	2740	41	3493	0	3493
30	10.14.55	43	153	483	12	-1	15	705	2684	2783	-99	3389	0	3389

6 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING NOVEMBER 2020

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	11.07.44	42	157	491	17	8	19	734	2410	2361	49	3144	0	3144
2	10.42.34	43	158	493	18	6	8	726	2680	2708	-28	3406	0	3406
3	10.10.44	42	159	489	19	5	7	721	2771	2794	-23	3492	0	3492
4	11.41.06	42	156	492	17	1	18	726	2903	2791	112	3629	0	3629
5	10.49.56	47	157	480	18	4	18	724	2774	2763	11	3498	0	3498
6	10.59.36	39	156	481	12	3	6	697	2873	2928	-55	3570	0	3570
7	10.45.14	40	157	481	8	0	7	693	2632	2563	69	3325	0	3325
8	11.48.48	40	157	284	12	0	18	511	2871	2680	191	3382	0	3382
9	11.05.13	6	155	484	19	0	18	682	2815	2804	11	3497	0	3497
10	11.32.39	41	154	479	18	0	17	709	2798	2715	83	3507	0	3507
11	10.25.33	42	154	482	20	0	8	706	2832	2819	13	3538	0	3538
12	10.04.31	42	157	479	18	3	18	717	2734	2774	-40	3451	0	3451
13	11.35.23	41	155	479	18	7	18	718	2852	2808	44	3570	0	3570
14	11.01.27	42	154	480	19	7	18	720	2170	2156	14	2890	0	2890
15	10.38.09	42	155	481	18	7	18	721	1888	1882	6	2609	0	2609
16	10.15.10	42	155	480	19	7	18	721	2464	2526	-62	3185	0	3185
17	11.35.30	42	154	485	13	5	18	717	2464	2478	-14	3181	0	3181
18	11.00.59	43	155	481	19	10	18	726	2688	2550	138	3414	0	3414
19	10.20.50	43	151	486	18	0	17	715	2683	2590	93	3398	0	3398
20	10.04.41	43	154	483	18	4	16	718	2960	2803	157	3678	0	3678
21	10.20.48	42	158	483	19	6	18	726	2611	2482	129	3337	0	3337
22	11.11.25	43	157	480	16	7	17	720	2680	2566	114	3400	0	3400
23	10.02.13	43	158	482	19	6	18	726	2844	2834	10	3570	0	3570
24	10.34.48	43	156	493	18	7	18	735	2854	2889	-35	3589	0	3589
25	10.59.33	42	154	506	19	3	18	742	2951	2868	83	3693	0	3693
26	11.18.36	43	153	482	16	6	17	717	2876	2759	117	3593	0	3593
27	10.4.35	43	157	482	14	3	16	715	3054	2964	90	3769	0	3769
28	10.30.04	43	156	488	17	2	18	724	2706	2664	42	3430	0	3430
29	11.00.24	42	151	482	18	2	17	712	2781	2740	41	3493	0	3493
30	10.14.55	43	153	483	12	-1	15	705	2684	2783	-99	3389	0	3389

7 SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR NOVEMBER 2020

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

A (i) RPH	0.000
(ii) GT+STG	26.650
(iii) PRAGATI	117.602
(iv) RITHALA	0.000
(v) BAWANA CCGT	358.306
(vi) Timarpur – Okhla	13.170
EDWPCL	3.530
DMSWL	13.660
TOTAL	535.918
B) AVAILABILITY FROM BTPS	-0.189
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	18.687
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**517.042**

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	1.084	1.044	1.084	1.044
SALAL	10.857	10.464	10.857	10.464
SASAN	293.815	283.100	293.543	282.838
TANKAPUR	3.251	3.133	3.251	3.133
CHAMERA	4.408	4.248	4.408	4.248
CHAMERA -II	5.775	5.566	5.775	5.566
CHAMERA -III	3.350	3.229	3.350	3.229
DHAULIGANGA	5.011	4.829	5.011	4.829
SEWA -2	0.000	0.000	0.000	0.000
URI	10.517	10.131	10.517	10.131
URI-II	7.892	7.603	7.892	7.603
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	6.436	6.201	6.436	6.201
PARBATI3	2.180	2.101	2.180	2.101
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)	9.450	9.105	0.000	0.000
ANTA (LIQUID)	21.015	20.248	0.000	0.000
DADRI (CRF)	12.801	12.342	3.987	3.841
DADRI (GAS)	6.496	6.261	5.279	5.089
DADRI (RLNG)	7.277	7.012	0.000	0.000
DADRI (LIQUID)	37.346	35.990	0.000	0.000
AURAIYA (CRF)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	0.000	0.000	0.000	0.000
AURAIYA (RLNG)	12.850	12.380	0.000	0.000
AURAIYA (LIQUID)	36.060	34.742	0.000	0.000
SINGRAULI	95.637	92.118	89.007	85.733
SINGRAULI_HYDRO	0.000	0.000	0.000	0.000
RIHAND -I	21.079	20.317	18.916	18.232
RIHAND -II	75.857	73.055	69.134	66.582
RIHAND -III	89.039	85.791	85.569	82.449
UNCHAHAR-I	15.706	15.133	8.774	8.454
UNCHAHAR-II	23.411	22.552	15.125	14.571
UNCHAHAR-III	19.001	18.309	12.750	12.285
UNCHAHAR-IV	0.000	0.000	0.000	0.000

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
DADRI (TH)	498.053	480.017	0.000	0.000
DADRI (TH) STAGE-II	493.703	475.825	0.000	0.000
BRBCL (NABIPUR-BIHAR)	3.038	2.929	2.980	2.873
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
NAPP	30.310	29.202	30.310	29.202
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	37.674	36.294	37.674	36.294
NATHPA JHAKRI	25.996	25.051	25.996	25.051
DULASTI	14.071	13.562	14.071	13.562
TEHRI	12.539	12.082	12.539	12.082
JHAJJAR	350.112	337.538	0.000	0.000
KHELGAON	19.257	18.571	15.228	14.685
KHELGAON-II	42.055	40.535	34.453	33.212
FARAKA	12.988	12.517	8.682	8.367
TALA	7.344	7.079	7.344	7.079
DVC	217.588	217.548	217.548	209.781
TUTICORIN - BRPL	7.954	7.952	7.952	7.664
MADHYA PRADESH	0.270	0.270	0.270	0.260
GUJRAT	0.000	0.000	0.000	0.000
KARNATAKA	7.825	7.821	7.821	7.542
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)	0.000	0.000	0.000	0.000
BIHAR	0.280	0.280	0.280	0.270
DBPL (CHATTISHGARH)	0.350	0.350	0.350	0.338
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	0.510	0.510	0.510	0.491
TAMILNAIDU	0.000	0.000	0.000	0.000
SEIL PROJECT-II(ANDHRA PRADESH)	0.920	0.920	0.920	0.887
MEGHALAYA	0.000	0.000	0.000	0.000
ANDHRA	0.344	0.344	0.344	0.332
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	165.257	165.227	165.227	159.332
DVC MEJIA (LT-08)(BYPL)	55.035	55.023	55.023	53.058
Acme_RUMS	10.168	10.166	10.166	9.803
Arinsun_RUMS	9.826	9.823	9.823	9.472
Mahindra_RUMS	9.662	9.660	9.660	9.315
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	19.989	19.981	19.981	19.267
HIMACHAL PRADESH	3.803	3.800	3.800	3.665
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	1.205	1.204	1.204	1.161
HARYANA (LT-05)	11.225	11.212	11.212	10.854
MP(SOLAR RUMS)	17.754	17.750	17.750	17.112
HP TPDDL (NANTI)	1.393	1.392	1.392	1.343
ALFANAR WIND(BRPL) GUJRAT	16.848	16.847	16.847	16.225
ALFANAR WIND(BYPL) (GUJRAT)	5.616	5.616	5.616	5.409
KSMPL BHADLA(RAJASTHAN)	9.405	9.401	9.401	9.065
ALFANAR WIND(TPDDL)(GUJRAT)	5.616	5.616	5.616	5.409
ADHPL (HP)	0.000	0.000	0.000	0.000
ODHISHA	1.975	1.975	1.975	1.905
ORISSA MT-20 JITPL -DVC	2.588	2.587	2.587	2.494
WEST BENGAL	0.000	0.000	0.000	0.000
TELENGANA	15.708	15.690	15.690	15.172

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
RAJASTHAN(SOLAR) BRPL-LT36	3.124	3.123	3.123	3.011
RAJASTHAN(SOLAR) BYPL - LT-35	3.090	3.088	3.088	2.978
RAJASTHAN(SOLAR) TPDDL LT-31	3.099	3.097	3.097	2.986
HP TARANDA (RAILWAYS)	1.700	1.699	1.699	1.638
TO NAGALAND	0.000	0.000	0.000	0.000
TO ANDHRA	0.000	0.000	0.000	0.000
TO UTTRAKHAND	-18.336	-18.336	-18.336	-19.050
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO MEGHALAYA	-6.943	-6.944	-6.944	-7.202
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	0.000	0.000	0.000	0.000
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	-90.372	-90.421	-90.421	-93.788
TO GUJRAT	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	185.627	178.790	185.627	178.790
TO POWER EXCHANGE (IEX)	-87.691	-90.888	-87.691	-90.888
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)	-30.322	-31.442	-30.322	-31.442
TO SHARE PROJECT (PUNJAB)	-30.708	-31.843	-30.708	-31.843
REAL TIME MANAGEMENT (RTM)	31.027	29.922	31.027	29.922
TO REAL TIME MANAGEMENT (RTM)	-24.130	-25.043	-24.130	-25.043
TOTAL	**2923.020**	**2821.973**	**1390.196**	**1318.727**

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	1477.819	1424.126	311.520	300.110
NTPC - ER	74.300	71.623	58.363	56.264
NHPC	68.397	65.911	68.397	65.911
NPC	67.984	65.496	67.984	65.496
SASAN	293.815	283.100	293.543	282.838
KOTESHWAR	6.436	6.201	6.436	6.201
NATHPA JHAKRI	25.996	25.051	25.996	25.051
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
TEHRI	12.539	12.082	12.539	12.082
TALA	7.344	7.079	7.344	7.079
JHAJJAR	350.112	337.538	0.000	0.000
RAJASTHAN SOLAR(BRPL)T-36	3.124	3.123	3.123	3.011
RAJASTHAN SOLAR(BYPL)T-35	3.090	3.088	3.088	2.978
RAJASTHAN SOLAR(TPDDL)T-31	3.099	3.097	3.097	2.986
DVC	217.588	217.548	217.548	209.781
TUTICORIN BRPL	7.954	7.952	7.952	7.664
MADHYA PRADESH	0.270	0.270	0.270	0.260
GUJRAT	0.000	0.000	0.000	0.000
KARNATAKA	7.825	7.821	7.821	7.542
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)	0.000	0.000	0.000	0.000
BIHAR	0.280	0.280	0.280	0.270
DBPL (CHATTISHGARH)	0.350	0.350	0.350	0.338
MANIPUR	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
BALCO (Chattishgarh)	0.000	0.000	0.000	0.000
FSTPP -III (WEST BENGAL)	0.000	0.000	0.000	0.000
SIKKIM	0.510	0.510	0.510	0.491
TAMILNAIDU	0.000	0.000	0.000	0.000
SEIL PROJECT-II(ANDHRA PRADESH)	0.920	0.920	0.920	0.887
MEGHALAYA	0.000	0.000	0.000	0.000
ANDHRA	0.344	0.344	0.344	0.332
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	165.257	165.227	165.227	159.332
DVC MEJIA (LT-08)(BYPL)	55.035	55.023	55.023	53.058
Acme_RUMS	10.168	10.166	10.166	9.803
Arinsun_RUMS	9.826	9.823	9.823	9.472
Mahindra_RUMS	9.662	9.660	9.660	9.315
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	19.989	19.981	19.981	19.267
HIMACHAL PRADESH	3.803	3.800	3.800	3.665
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)	1.205	1.204	1.204	1.161
HARYANA (LT -05)	11.225	11.212	11.212	10.854
ADHPL (HP)	0.000	0.000	0.000	0.000
ODISHA	1.975	1.975	1.975	1.905
ORISSA MT-20 JITPL -DVC	2.588	2.587	2.587	2.494
WEST BENGAL	0.000	0.000	0.000	0.000
TELENGANA	15.708	15.690	15.690	15.172
MP(SOLAR RUMS)	17.754	17.750	17.750	17.112
HP TPDDL (NANTI)	1.393	1.392	1.392	1.343
HP TRANDA (RAILWAYS)	1.700	1.699	1.699	1.638
ALFANAR WIND(BRPL)	16.848	16.847	16.847	16.225
ALFANAR WIND(BYPL)	5.616	5.616	5.616	5.409
KSMPL BHADLA	9.405	9.401	9.401	9.065
ALFANAR WIND(TPDDL)	5.616	5.616	5.616	5.409
POWER EXCHANGE(IEX)	185.627	178.790	185.627	178.790
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
REAL TIME MANAGEMENT (RTM)	31.027	29.922	31.027	29.922
TOTAL	**3211.522**	**3116.890**	**1678.748**	**1617.982**

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	-18.336	-18.336	-18.336	-19.050
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO KERALA	0.000	0.000	0.000	0.000
TO MEGHALAYA	-6.943	-6.944	-6.944	-7.202
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	0.000	0.000	0.000	0.000
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	-90.372	-90.421	-90.421	-93.788
TO GUJRAT	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-87.691	-90.888	-87.691	-90.888
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-30.322	-31.442	-30.322	-31.442
TO SHARE PROJECT (PUNJAB)	-30.708	-31.843	-30.708	-31.843
TO REAL TIME MANAGEMENT (RTM)	-24.130	-25.043	-24.130	-25.043
TOTAL	**-288.501**	**-294.917**	**-288.552**	**-299.255**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**2923.020**	**2821.973**	**1390.196**	**1318.727**
TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs				1802.131
NET CONSUMPTION				**1783.447**
AVAILABILITY WITHIN DELHI				517.042
ACTUAL DRAWAL FROM THE GRID				1266.405
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY				-52.322
LOAD SHEDDING				**0.094**
UNRESTRICTED DEMAND (GROSS)				1802.228
UNRESTRICTED DEMAND (NET)				1783.541
MAX. NET CONSUMPTION				**64.325 On 06.11.2020**
MAX. LOAD SHEDDING				44 MW ON 20.11.2020 AT 07.46 HRS.
PEAK LOAD	Peak Demand during the month			SHEDDING AT PEAK TIME
DAY PEAK	3769 MW AT 10.44.35 HRS ON 27.11.2020			NIL.
EVENING PEAK	3404 MW AT 18.30.00 HRS ON 06.11.2020			NIL

8 SHEDDING DETAILS DURING THE MONTH OF NOVEMBER 2020.

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
01-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29-11-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30-11-20	0	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**

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
01-11-20	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**
02-11-20	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**
03-11-20	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**
04-11-20	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**
05-11-20	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**
06-11-20	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**
07-11-20	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**
08-11-20	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**
09-11-20	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**
10-11-20	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**
11-11-20	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**
12-11-20	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**
13-11-20	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**
14-11-20	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**
15-11-20	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**
16-11-20	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**
17-11-20	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**
18-11-20	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**
19-11-20	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**
20-11-20	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**
21-11-20	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**
22-11-20	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**
23-11-20	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**
24-11-20	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**
25-11-20	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**
26-11-20	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**
27-11-20	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**
28-11-20	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**
29-11-20	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**
30-11-20	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**	**0.000**

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
01-11-20	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02-11-20	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.004	0.000
03-11-20	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04-11-20	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000
05-11-20	0.000	0.001	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000
06-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.003	**0.000**	0.000
07-11-20	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
09-11-20	0.001	0.000	0.000	0.000	0.000	0.000	0.004	**0.0000**	0.000
10-11-20	0.000	0.000	0.001	0.000	0.000	0.000	0.004	0.001	0.000
11-11-20	0.000	0.000	0.000	0.000	0.000	0.000	**0.0000**	0.000	0.000
12-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15-11-20	0.000	0.000	**0.0006**	0.000	0.000	0.000	0.007	**0.0008**	0.000
16-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000
17-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
20-11-20	0.000	0.000	0.000	0.000	0.000	0.015	0.001	0.000	0.000
21-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000
26-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.000
27-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
28-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.000
29-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
30-11-20	**0.0003**	0.000	0.000	0.000	0.000	0.000	0.002	**0.0004**	0.000
TOTAL	**0.004**	**0.008**	**0.002**	**0.000**	**0.000**	**0.018**	**0.037**	**0.010**	**0.000**

ALL FIGURES IN MUs

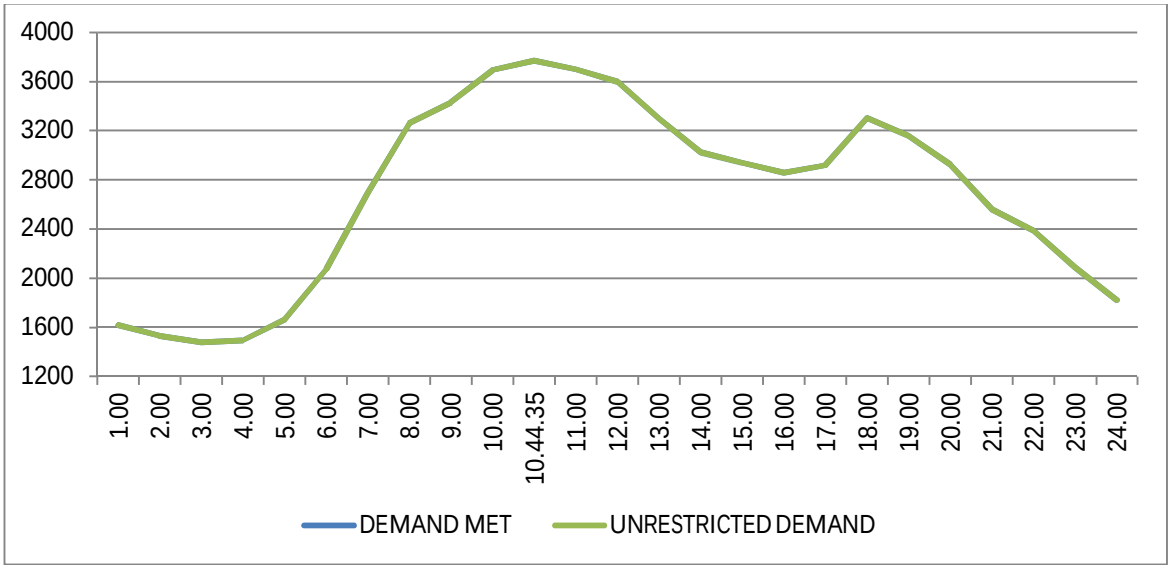
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	**42= 26 to 41**	**43 = 25 + 42**
01-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.006**	**0.006**
02-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.008**	**0.008**
03-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.001**	**0.001**
04-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.004**	**0.004**
05-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0010**	**0.001**
06-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.003**	**0.003**
07-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.001**	**0.001**
08-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.001**	**0.001**
09-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.005**	**0.005**
10-11-20	0.000	0.003	0.012	0.000	0.000	0.000	0.000	**0.021**	**0.021**
11-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
12-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0000**	**0.0000**
13-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
14-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
15-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.008**	**0.008**
16-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.002**	**0.002**
17-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
18-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
19-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.001**	**0.001**
20-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0160**	**0.0160**
21-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
22-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
23-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
24-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
25-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.004**	**0.004**
26-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.003**	**0.003**
27-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.001**	**0.001**
28-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0040**	**0.0040**
29-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.001**	**0.001**
30-11-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.003**	**0.003**
	0.000	**0.003**	**0.012**	**0.000**	**0.000**	**0.000**	**0.000**	**0.094**	**0.094**
TOTAL									

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
01-11-20	58.319	3144	11:07:44	0	3144	3144	11:07:44	3144	0
02-11-20	60.534	3406	10:42:34	0	3406	3406	10:42:34	3406	0
03-11-20	62.074	3492	10:10:44	0	3492	3492	10:10:44	3492	0
04-11-20	62.305	3629	11:41:06	0	3629	3629	11:41:06	3629	0
05-11-20	61.572	3498	10:49:56	0	3498	3498	10:49:56	3498	0
06-11-20	64.325	3570	10:59:36	0	3570	3570	10:59:36	3570	0
07-11-20	59.545	3325	10:45:14	0	3325	3325	10:45:14	3325	0
08-11-20	58.335	3382	11:48:48	0	3382	3382	11:48:48	3382	0
09-11-20	61.215	3497	11:05:13	0	3497	3497	11:05:13	3497	0
10-11-20	63.086	3507	11:32:39	0	3507	3507	11:32:39	3507	0
11-11-20	62.759	3538	10:25:33	0	3538	3538	10:25:33	3538	0
12-11-20	62.393	3451	10:04:31	0	3451	3451	10:04:31	3451	0
13-11-20	62.131	3570	11:35:23	0	3570	3570	11:35:23	3570	0
14-11-20	53.147	2890	11:01:27	0	2890	2890	11:01:27	2890	0
15-11-20	47.440	2609	10:38:09	0	2609	2609	10:38:09	2609	0
16-11-20	53.670	3185	10:15:10	0	3185	3185	10:15:10	3185	0
17-11-20	57.454	3181	11:35:30	0	3181	3181	11:35:30	3181	0
18-11-20	58.638	3414	11:00:59	0	3414	3414	11:00:59	3414	0
19-11-20	60.432	3398	10:20:50	0	3398	3398	10:20:50	3398	0
20-11-20	59.651	3678	10:04:41	0	3678	3678	10:04:41	3678	0
21-11-20	58.207	3337	10:20:48	0	3337	3337	10:20:48	3337	0
22-11-20	56.046	3400	11:11:25	0	3400	3400	11:11:25	3400	0
23-11-20	58.621	3570	10:02:13	0	3570	3570	10:02:13	3570	0
24-11-20	61.293	3588	10:34:48	0	3588	3588	10:34:48	3588	0
25-11-20	62.293	3693	10:59:33	0	3693	3693	10:59:33	3693	0
26-11-20	61.856	3593	11:18:36	0	3593	3593	11:18:36	3593	0
27-11-20	62.317	3769	10:44:35	0	3769	3769	10:44:35	3769	0
28-11-20	58.232	3430	10:30:04	0	3430	3430	10:30:04	3430	0
29-11-20	57.223	3493	11:00:24	0	3493	3493	11:00:24	3493	0
30-11-20	58.334	3389	10:14:55	0	3389	3389	10:14:55	3389	0
Total	64.325	3769 27.11.20	10:44:35	0	3769 27.11.20	3769	10:44:35	3769	0

9. LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING NOVEMBER 2020 ON 27.11.2020 - 3769 MW AT 10.44.35 HRS.

All figures in MW

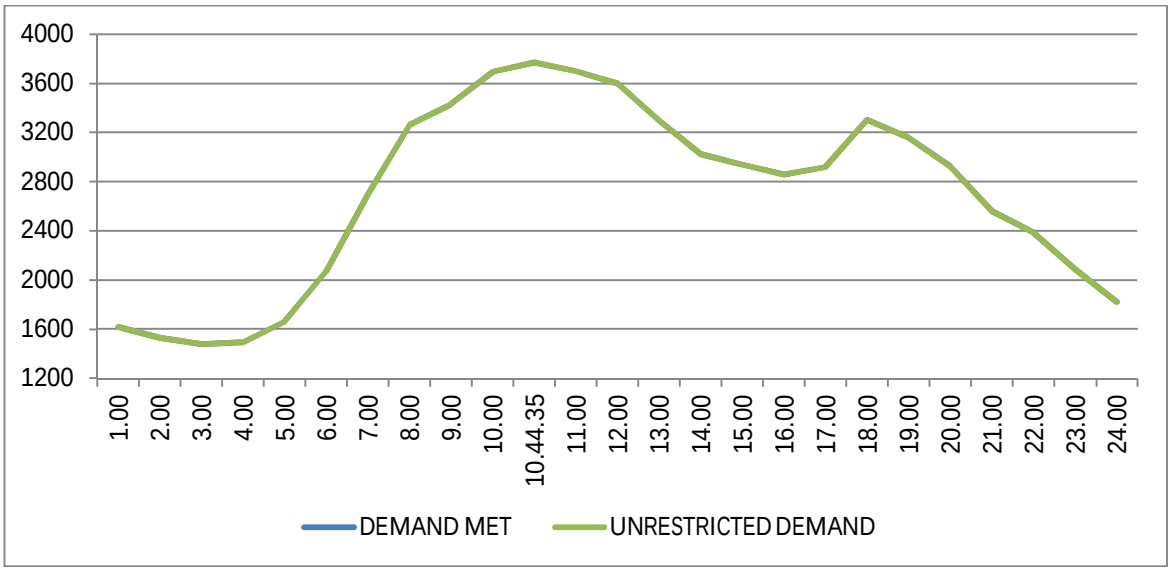
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1619	0	1619
2.00	1529	0	1529
3.00	1479	0	1479
4.00	1495	0	1495
5.00	1660	0	1660
6.00	2069	0	2069
7.00	2695	0	2695
8.00	3261	0	3261
9.00	3431	0	3431
10.00	3694	0	3694
10.44.35	3769	0	3769
11.00	3701	0	3701
12.00	3598	0	3598
13.00	3300	0	3300
14.00	3024	0	3024
15.00	2938	0	2938
16.00	2858	0	2858
17.00	2917	0	2917
18.00	3302	0	3302
19.00	3157	0	3157
20.00	2922	0	2922
21.00	2556	0	2556
22.00	2386	0	2386
23.00	2089	0	2089
24.00	1825	0	1825
Total (IN MUS)	**62.317**	**0.001**	**62.318**



10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING NOVEMBER 2020 ON 27.11.2020 - 3769 MW AT 10.44.35 HRS.

All figures in MW

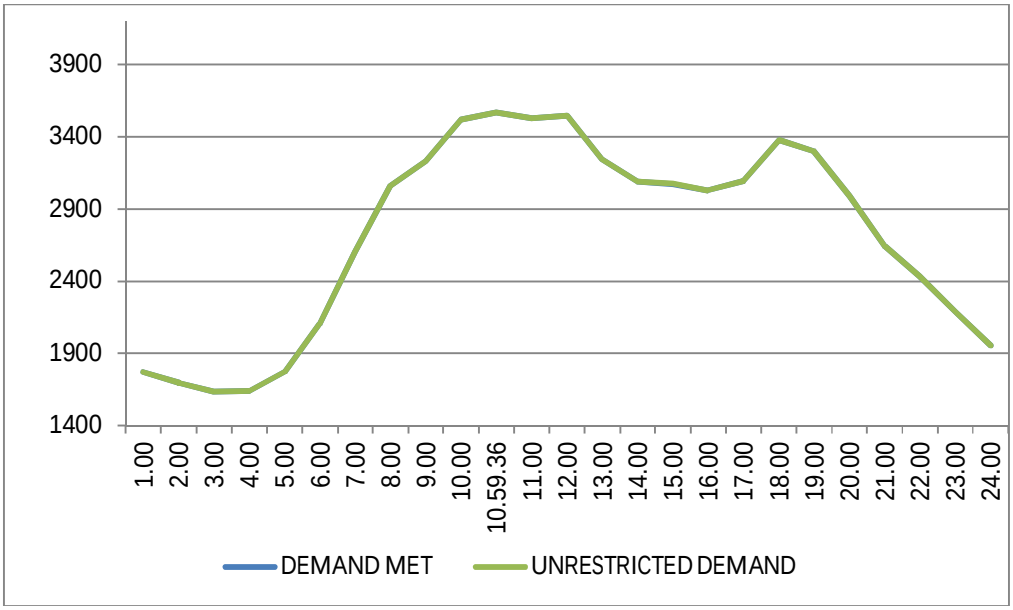
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1619	0	1619
2.00	1529	0	1529
3.00	1479	0	1479
4.00	1495	0	1495
5.00	1660	0	1660
6.00	2069	0	2069
7.00	2695	0	2695
8.00	3261	0	3261
9.00	3431	0	3431
10.00	3694	0	3694
10.44.35	3769	0	3769
11.00	3701	0	3701
12.00	3598	0	3598
13.00	3300	0	3300
14.00	3024	0	3024
15.00	2938	0	2938
16.00	2858	0	2858
17.00	2917	0	2917
18.00	3302	0	3302
19.00	3157	0	3157
20.00	2922	0	2922
21.00	2556	0	2556
22.00	2386	0	2386
23.00	2089	0	2089
24.00	1825	0	1825
Total (IN MUS)	**62.317**	**0.001**	**62.318**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING NOVEMBER 2020 – 06.11.2020 – 64.325 Mus

All figures in MW

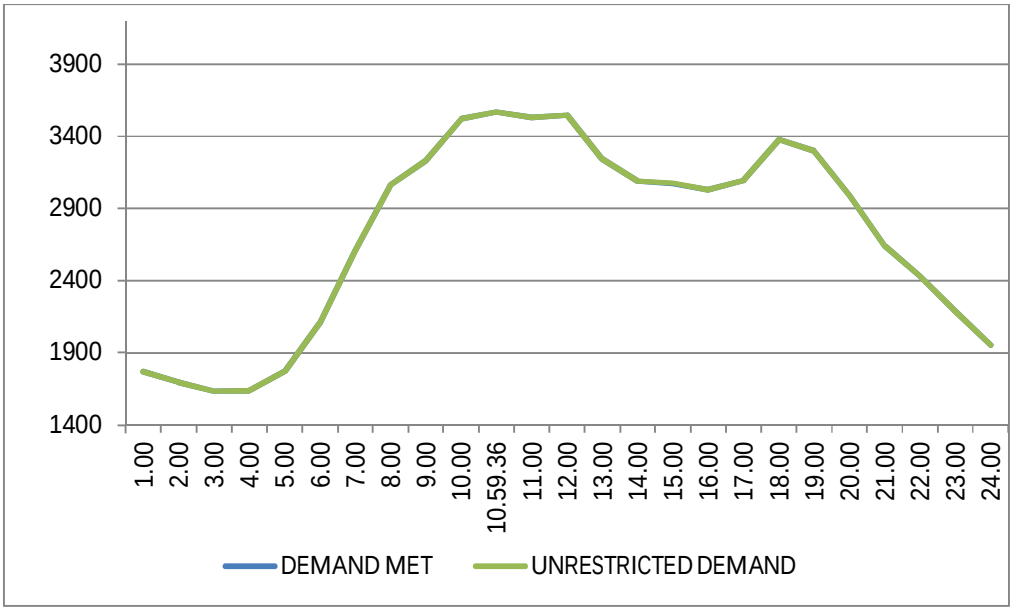
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1770	0	1770
2.00	1695	0	1695
3.00	1632	0	1632
4.00	1638	0	1638
5.00	1773	0	1773
6.00	2104	0	2104
7.00	2606	0	2606
8.00	3058	0	3058
9.00	3232	0	3232
10.00	3521	0	3521
10.59.36	3570	0	3570
11.00	3528	0	3528
12.00	3547	0	3547
13.00	3245	0	3245
14.00	3087	0	3087
15.00	3070	4	3074
16.00	3030	0	3030
17.00	3093	0	3093
18.00	3377	0	3377
19.00	3302	0	3302
20.00	2991	0	2991
21.00	2640	0	2640
22.00	2434	0	2434
23.00	2186	0	2186
24.00	1951	0	1951
Total (IN MUS)	**64.325**	**0.003**	**64.328**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING NOVEMBER 2020 ON 06.11.2020 64.328MUs

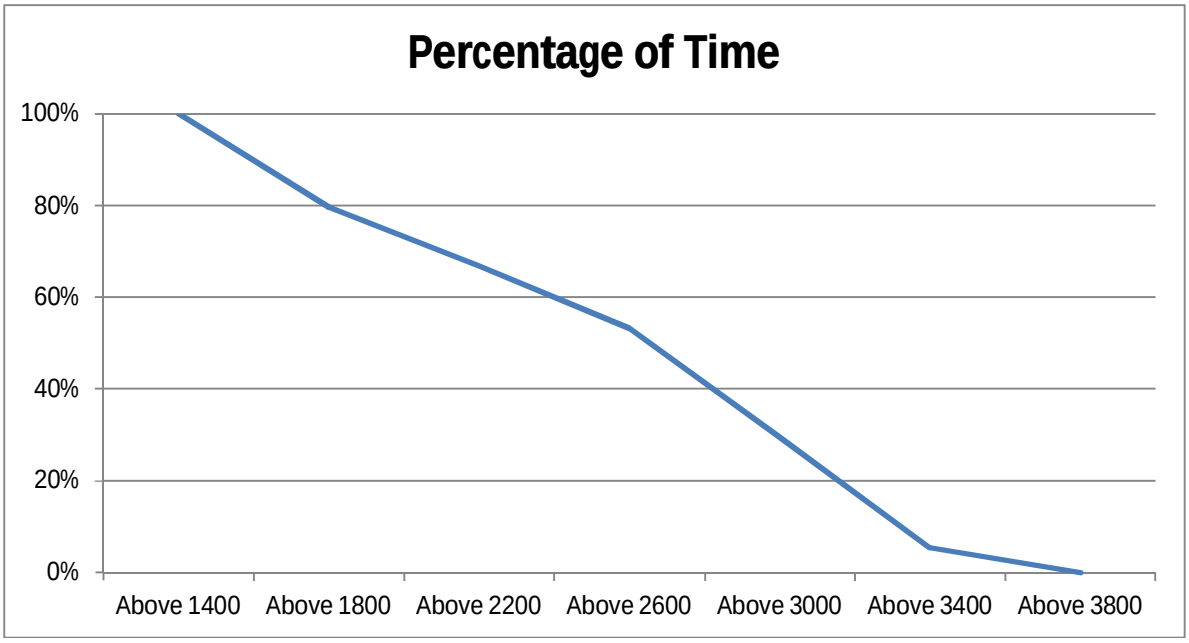
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1770	0	1770
2.00	1695	0	1695
3.00	1632	0	1632
4.00	1638	0	1638
5.00	1773	0	1773
6.00	2104	0	2104
7.00	2606	0	2606
8.00	3058	0	3058
9.00	3232	0	3232
10.00	3521	0	3521
10.59.36	3570	0	3570
11.00	3528	0	3528
12.00	3547	0	3547
13.00	3245	0	3245
14.00	3087	0	3087
15.00	3070	4	3074
16.00	3030	0	3030
17.00	3093	0	3093
18.00	3377	0	3377
19.00	3302	0	3302
20.00	2991	0	2991
21.00	2640	0	2640
22.00	2434	0	2434
23.00	2186	0	2186
24.00	1951	0	1951
Total (IN MUS)	**64.325**	**0.003**	**64.328**



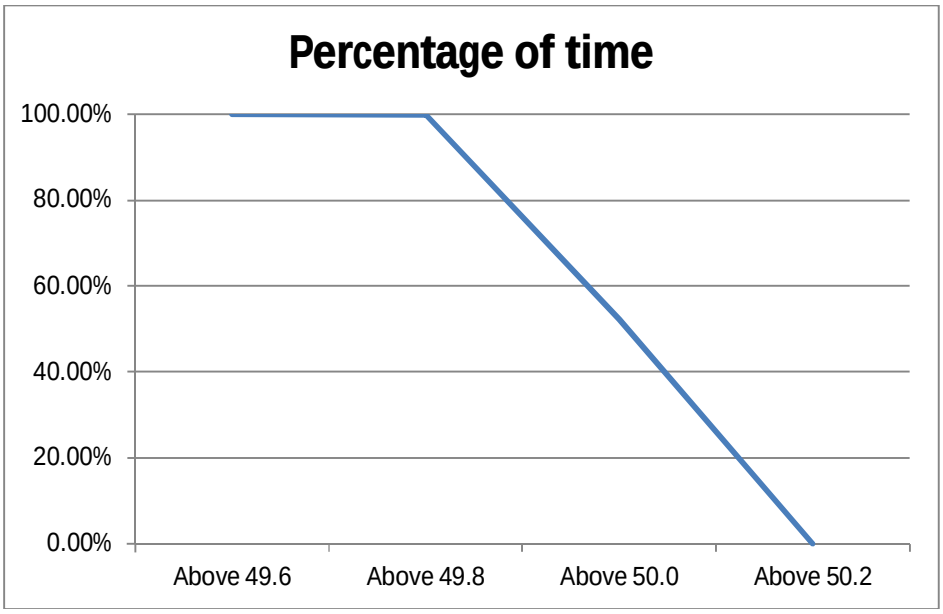
13 LOAD DURATION CURVE FOR NOVEMBER 2020

Load in MW	Percentage of Time
Above 1400	100%
Above 1800	79.72%
Above 2200	66.80%
Above 2600	53.23%
Above 3000	29.44%
Above 3400	5.45%
Above 3800	0.00%



14 FREQUENCY ANALYSIS FOR THE MONTH OF NOVEMBER 2020

Frequency Range in Hz.	Percentage of time
Above 49.6	100.00%
Above 49.8	99.96%
Above 50.0	52.18%
Above 50.2	0.00%



15 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING NOVEMBER 2020

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-11-20	234.33	219.24	240.26	228.53
02-11-20	233.3	217.05	240.91	228.66
03-11-20	233.82	217.7	239.62	228.53
04-11-20	233.82	215.37	240.14	227.24
05-11-20	235.11	218.47	240.14	224.92
06-11-20	233.43	217.7	240.14	227.37
07-11-20	233.95	217.95	240.78	230.21
08-11-20	234.98	221.44	241.04	222.85
09-11-20	234.72	217.18	239.75	224.27
10-11-20	234.59	217.7	240.78	230.21
11-11-20	234.59	219.24	240.91	224.66
12-11-20	234.59	217.31	240.14	222.08
13-11-20	235.88	217.05	239.88	225.05
14-11-20	235.36	225.69	240.78	224.92
15-11-20	237.17	226.21	243.1	224.27
16-11-20	237.56	219.89	240.91	226.34
17-11-20	235.36	219.89	240.52	230.72
18-11-20	234.59	219.11	241.43	226.72
19-11-20	235.11	219.63	241.68	226.21
20-11-20	234.72	217.57	240.91	227.63
21-11-20	234.98	218.6	241.17	225.95
22-11-20	235.88	220.92	240.26	223.63
23-11-20	235.62	216.53	240.91	227.5
24-11-20	233.04	216.92	240.52	228.27
25-11-20	235.23	216.66	241.68	225.3
26-11-20	236.01	219.89	241.68	228.27
27-11-20	236.4	219.11	241.68	224.66
28-11-20	234.33	216.28	242.33	230.21
29-11-20	233.3	216.41	241.81	227.5
30-11-20	233.3	217.18	242.07	228.14

16 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING NOVEMBER 2020

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-11-20	**416.92**	19:57:01	393.23	08:40:21	408.45
02-11-20	414.57	20:03:24	385.5	09:08:32	405.18
03-11-20	415.74	13:06:16	386.67	08:47:36	406.69
04-11-20	415.74	04:00:27	387.61	09:46:29	406.58
05-11-20	417.86	02:03:12	390.89	10:13:03	406.44
06-11-20	414.81	03:03:05	389.95	09:11:26	406.22
07-11-20	415.51	02:01:20	391.12	10:38:47	407.15
08-11-20	420.43	23:58:55	398.39	10:32:53	410.6
09-11-20	420.43	00:01:05	391.36	10:25:36	408.23
10-11-20	418.56	04:02:09	390.89	10:21:19	407.95
11-11-20	417.86	00:01:41	393.23	11:17:23	407.05
12-11-20	418.32	02:48:35	390.19	08:35:46	407.66
13-11-20	420.67	04:00:39	389.01	10:21:50	408.79
14-11-20	419.26	02:17:12	402.14	08:04:25	413.24
15-11-20	420.43	23:59:08	403.32	09:33:36	414.34
16-11-20	421.61	00:03:09	388.78	08:53:40	410.86
17-11-20	419.73	01:53:42	392.06	09:11:23	409.25
18-11-20	418.32	03:02:46	391.36	08:19:06	407.85
19-11-20	419.5	04:01:50	393.94	09:18:20	409.66
20-11-20	418.56	04:00:42	388.78	08:25:53	409.99
21-11-20	421.61	13:00:57	391.59	09:18:36	410.38
22-11-20	421.61	04:02:29	398.39	09:12:40	411.36
23-11-20	420.67	00:01:21	390.19	10:16:13	409.31
24-11-20	419.5	04:01:05	391.59	09:12:06	410.16
25-11-20	419.73	01:22:48	388.78	09:12:59	410.54
26-11-20	421.37	04:01:21	395.11	09:12:52	410.58
27-11-20	420.9	02:00:25	393.47	09:18:01	410.11
28-11-20	419.26	00:00:47	389.25	09:47:58	409.53
29-11-20	420.2	21:01:13	388.78	09:22:11	411.45
30-11-20	418.56	04:01:54	392.06	10:47:55	408.11

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-11-20	422.78	19:57:28	399.33	08:40:17	414.49
02-11-20	421.61	20:04:03	393.23	09:08:10	411.19
03-11-20	423.25	21:10:08	394.64	08:48:14	413.19
04-11-20	422.78	01:59:08	396.28	09:45:59	414.11
05-11-20	424.19	02:03:12	399.33	10:14:03	413.68
06-11-20	421.37	19:54:09	398.16	10:20:24	412.66
07-11-20	421.84	20:58:20	398.63	10:36:52	413.4
08-11-20	425.36	23:56:45	405.19	10:32:23	416.71
09-11-20	425.59	00:01:06	396.99	10:42:37	414.02
10-11-20	423.72	04:01:10	397.92	10:22:31	414.29
11-11-20	423.72	00:02:43	399.57	11:18:16	413.64
12-11-20	423.95	02:48:18	396.99	08:35:39	413.93
13-11-20	426.06	04:00:44	396.75	10:21:45	415.44
14-11-20	426.3	14:10:25	409.18	08:30:09	420.07
15-11-20	427.23	17:01:26	409.88	09:33:33	421.01
16-11-20	427.94	00:04:20	396.99	08:53:31	417.6
17-11-20	425.59	02:01:23	399.33	09:14:33	415
18-11-20	423.01	03:02:45	397.45	08:19:15	412.44
19-11-20	423.95	04:03:02	399.57	09:18:28	414.48
20-11-20	423.25	02:00:00	394.41	08:26:40	414.58
21-11-20	425.59	13:01:02	396.99	09:18:22	414.62
22-11-20	424.89	04:02:23	403.32	10:14:04	415.78
23-11-20	425.12	00:00:45	394.41	10:16:16	413.47
24-11-20	422.55	04:01:07	396.28	09:11:18	413.55
25-11-20	423.72	23:58:21	394.64	09:13:20	414.65
26-11-20	425.36	04:01:11	399.8	09:15:52	415.16
27-11-20	425.59	02:00:24	399.57	09:48:04	415.39
28-11-20	423.72	01:57:25	396.05	09:36:16	414.26
29-11-20	424.42	21:01:19	394.64	09:22:08	414.96
30-11-20	421.61	21:24:11	395.81	10:50:41	411.55

17 DETAILS OF BREAK-DOWNS / TRIPPING DURING THE MONTH OF NOV-2020

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	01.11.20	16:25	SARITA VIHAR 220/66kV 160MVA TR. -I	01.11.20	18:20	86
2	03.11.20	02:49	PARKSTREET 220/33kV 100MVA Tx-I	03.11.20	12:29	86, E/F.
3	04.11.20	04:00	VASANT KUNJ 220/66kV 160MVA Tx-I	04.11.20	17:15	TRIPPED WITHOUT INDICATION.
4	04.11.20	20:11	PATPARGANJ 220/66kV 100MVA Tx-I	04.11.20	21:46	E/F, 86.
5	04.11.20	20:11	PATPARGANJ 220/66kV 100MVA Tx-II	04.11.20	21:46	E/F, 86.
6	04.11.20	20:11	220kV Preet Vihar- Patparganj Ckt-I	04.11.20	22:40	AT PREET VIHAR : E/F.
7	05.11.20	03:33	220kV BAMNAULI-PAPPANKALAN-II CKT-II	05.11.20	03:39	AT PAPANKALAN-II : DIST PROT, ZONE-I, B PHASE.
8	07.11.20	05:44	220kV GOPALPUR- MANDOLACKT-I	07.11.20	12:16	At Mandola : Dist prot, Y phase, Dist 18.15km. At Gopalpur : Y Phase, Dist prot, Dist 2.048km.
9	09.11.20	03:56	220kV NARELA - MANDOLA CKT-II	09.11.20	10:33	AT NARELA : DIFFERENTIAL.
10	09.11.20	07:48	PRAGATI 220/66kV 160MVA Tx-I	09.11.20	08:15	TRIPPED WITHOUT INDICATION .
11	09.11.20	07:48	PRAGATI 220/66kV 160MVA Tx-II	09.11.20	08:15	TRIPPED WITHOUT INDICATION.
12	09.11.20	21:27	PARKSTREET 220/33kV 100MVA Tx-I			DIFFERENTIAL.
13	10.11.20	04:57	NARAINA 220/33kV 100MVA Tx-I	10.11.20	06:10	TR. TRIPPED WITHOUT INDICATION.
14	10.11.20	04:57	NARAINA 220/33kV 100MVA Tx-III	10.11.20	05:15	I/C TRIPPED ON 86
15	10.11.20	04:57	NARAINA 220/33kV 100MVA Tx-II	10.11.20	06:00	I/C TRIPPED ON O/C, 86.
16	15.11.20	00:31	ROHINI 220/66kV 100MVA Tx-I	15.11.20	01:31	86
17	15.11.20	21:53	BAWANA 400/220kV 315MVA ICT-II	15.11.20	23:35	186AB.
18	15.11.20	23:40	KANJHAWALA 220/66kV 160MVA Tx-I	15.11.20	23:41	86
19	17.11.20	06:52	220kV MUNDKA-NAJAFGARH CKT	17.11.20	14:46	AT MUNDKA : DIST PROT, ZONE-III, DIST 11.96KM.
20	17.11.20	06:52	220kV MUNDKA-NAJAFGARH CKT			AT MUNDKA : DIST PROT ZONE-III, R PHASE, DIST 11.96KM.
21	17.11.20	07:02	220kV KANJHAWALA-NAJAFGARH CKT-2	17.11.20	11:53	AT KHANJAWALA : 86.
22	17.11.20	07:25	220kV MUNDKA-KANJHAWALA CKT	17.11.20	14:30	AT MUNDKA : DIST PRO, ZONE-II, DIST 19.46KM.
23	18.11.20	04:32	220kV GEETA COLONY- PATPARGANJ CKT-I	18.11.20	17:15	AT PATPARGANJ: DIST PROT, ZONE-I, DIST 3.5KM.
24	18.11.20	14:40	KANJHAWALA 220/66kV 100MVA Tx-I	18.11.20	14:50	86
25	20.11.20	07:15	NARELA 66/11kV, 20MVA Tx-I	20.11.20	12:19	86
26	20.11.20	11:33	220kV SARITA VIHAR - BTPS CKT.-I	20.11.20	12:30	AT BTPS : DIST PROT ,ZONE-I, DIST 3.6KM.
27	21.11.20	08:05	VASANT KUNJ 66/11kV, 20MVA Tx-I	21.11.20	12:50	86
28	23.11.20	17:03	400kV Bamnauli-Jhatikara Ckt-I	23.11.20	11:20	AT BAMNAULI : 86.
29	25.11.20	03:54	PATPARGANJ 33/11kV, 20MVA Tx	25.11.20	06:47	86
30	26.11.20	19:10	PAPPANKALAN-I 220/66kV 100MVA Tx-I	26.11.20	11:32	TRIPPED ON PDR.
31	30.11.20	17:07	220kV WAZIRABAD - KASHMEREGATE CKT-II	30.11.20	18:30	AT WAZIRABAD : DIST PROT, ZONE-I, DIST 2.06KM.

18 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF NOVEMBER 2020

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