DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

OCTOBER - 2020

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	OCT. 2019	OCT. 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)**	**4820**	**4605**
	Date	01.10.20	03.10.19
	Time	15.50.32	15.32.09
3	**Peak Demand met (MW)**	**4820**	**4605**
	Date	01.10.20	03.10.19
	Time	15.50.32	15.32.09
4	Peak Availability (MW)	4794	4530
5	Shortage (-) / Surplus (+) in MW	(-) 26	(-) 75
6	Percentage Shortage (-) / Surplus (+)	(-) 0.54	(-) 1.63
7	Maximum Energy Consume in a day (Mus)	99.723	93.633
8	Energy Consumed during the month	**2450.274**	**2469.232**
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	0.118	0.102
	TPDDL	0.010	0.031
	BRPL	0.064	0.158
	BYPL	0.007	0.026
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.001	0.018
	Total	**0.201**	**0.335**
10	**Grand Total in Mus**	**0.201**	**0.335**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING OCTOBER 2020

A) For the month of Oct 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	0.124	-0.124	0.00	0.000
2.	**GT**	29.510	1.536	27.974	14.34	144.952
3.	**PPCL**	120.515	2.574	117.941	49.78	43.913
4.	**Bawana**	344.341	11.800	332.541	81.79	481.837
5.	**Towmcl**	14.645	2.007	12.638	--	--
6.	**EDWPCL**	3.528	0.851	2.677	--	--
7.	**DMSWL**	14.545	2.216	12.329	--	--
	TOTAL	**527.084**	**21.108**	**505.976**	**--**	**670.702**

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

Power Station	Effective Capacity (MW)	Net Generation in MUs for Oct. 2020	Availability PLF (%) for Oct. 2020	PLF (%) for Oct. 2020	Cumulative Generation in MUs upto Oct. 2020 for the year 2020-21	Cumulative Availability in % upto Oct. 2020 for the year 2020-21
RPH	135	-0.124	0.00	0.008	-0.857	0.00
GT	270	27.974	88.73	22.02	294.498	86.93
PPCL	330	117.941	68.22	57.70	939.918	90.87
Bawana	1372	332.541	81.14	85.41	1734.029	86.22
Towmcl	16	12.638	--	--	86.815	--
EDWPCL	10	2.677	--	--	8.083	--
DMSWL	24	12.329	--	--	81.372	--
TOTAL	2936	**505.976**	**--**	**--**	**3143.858**	**--**

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	31.10.20	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
3	**30**	01-04-20	0:00	31.10.20	24:00	Low Demand
4	**30**	01-04-20	0:00	31.10.20	24:00	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	31.10.20	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	31.10.20	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
STG-2	30	01-04-20	0:00	31.10.20	24:00	Low Demand
STG-3	30	01-04-20	0:00	24-05-20	23:09	Low Demand
		24-05-20	23:22	25-05-20	02:49	Unit out due to high turbine Vibration
		29-05-20	1:30	27-07-20	24:00	Low Demand
		13.08.20	9:45	13.08.20	11:07	Unit tripped on Low consendor Vaccum
		15.08.20	18:55	16.08.20	10:45	unit tripped due to heavy jerk occurd in control room
		19.08.20	10:35	19.08.20	16:55	unit tripped on alarm CH-I, CH-II Class-A trip realy .
		27.08.20	13:24	31.10.20	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	31.10.2020	23:59	GT#1 taken for planned maint. (HGPI)
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
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.
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.

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 OCTOBER 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	15.50.32	37	144	272	18	0	9	480	4340	4314	26	4820	0	4820
2	00.00.17	40	152	271	19	0	9	491	4079	4015	64	4570	0	4570
3	00.02.39	41	151	280	18	0	17	507	3820	3728	92	4327	0	4327
4	00.00.45	41	151	279	19	6	19	515	3611	3500	111	4126	0	4126
5	14.26.59	37	147	296	19	6	17	522	3794	3702	92	4316	0	4316
6	15.00.00	37	146	297	17	0	19	516	3639	3718	-79	4155	0	4155
7	12.34.56	37	147	275	17	2	17	495	3851	3739	112	4346	0	4346
8	16.05.34	37	147	301	16	1	14	516	3812	3763	49	4328	0	4328
9	12.32.08	38	147	627	18	6	19	855	3587	3562	25	4442	0	4442
10	18.32.03	39	149	502	10	2	17	719	3334	3288	46	4053	0	4053
11	18.48.57	39	150	501	18	0	15	723	3101	3064	37	3824	0	3824
12	15.14.49	38	148	498	18	1	18	721	3443	3413	30	4164	0	4164
13	11.22.47	37	150	547	16	8	17	775	3575	3441	134	4350	0	4350
14	11.59.22	34	149	503	16	6	18	726	3696	3632	64	4422	0	4422
15	11.50.57	35	150	508	11	2	17	723	3496	3562	-66	4219	0	4219
16	18.37.02	37	152	528	15	0	12	744	3350	3242	108	4094	0	4094
17	18.32.22	38	151	506	19	3	18	735	3037	2968	69	3772	0	3772
18	18.30.15	38	152	497	18	4	15	724	2789	2756	33	3513	0	3513
19	18.10.48	36	152	533	17	8	17	763	3090	3043	47	3853	0	3853
20	18.11.26	37	152	493	17	4	7	710	3098	3122	-24	3808	0	3808
21	18.28.01	37	152	493	18	5	18	723	3132	3163	-31	3855	0	3855
22	18.10.37	38	152	490	16	4	17	717	3162	3118	44	3879	0	3879
23	12.15.41	37	153	492	18	6	18	724	3120	2948	172	3844	0	3844
24	18.19.14	40	152	498	19	2	18	729	2781	2771	10	3510	0	3510
25	11.31.05	39	152	492	17	9	18	727	2326	2263	63	3053	0	3053
26	18.06.12	41	154	492	19	7	19	732	2875	2923	-48	3607	0	3607
27	18.21.32	42	155	492	17	5	18	729	2859	2804	55	3588	0	3588
28	18.00.00	42	153	496	19	8	18	736	2772	2838	-66	3508	0	3508
29	11.11.43	41	156	495	19	7	17	735	2799	2827	-28	3534	0	3534
30	18.00.00	41	154	490	18	8	16	727	2770	2681	89	3497	0	3497
31	18.20.44	41	154	489	19	4	18	725	2577	2515	62	3302	0	3302

6 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING OCTOBER 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	15.50.32	37	144	272	18	0	9	480	4340	4314	26	4820	0	4820
2	00.00.17	40	152	271	19	0	9	491	4079	4015	64	4570	0	4570
3	00.02.39	41	151	280	18	0	17	507	3820	3728	92	4327	0	4327
4	00.00.45	41	151	279	19	6	19	515	3611	3500	111	4126	0	4126
5	14.26.59	37	147	296	19	6	17	522	3794	3702	92	4316	0	4316
6	15.00.00	37	146	297	17	0	19	516	3639	3718	-79	4155	0	4155
7	12.34.56	37	147	275	17	2	17	495	3851	3739	112	4346	0	4346
8	16.05.34	37	147	301	16	1	14	516	3812	3763	49	4328	0	4328
9	12.32.08	38	147	627	18	6	19	855	3587	3562	25	4442	0	4442
10	18.32.03	39	149	502	10	2	17	719	3334	3288	46	4053	0	4053
11	18.48.57	39	150	501	18	0	15	723	3101	3064	37	3824	0	3824
12	15.14.49	38	148	498	18	1	18	721	3443	3413	30	4164	0	4164
13	11.22.47	37	150	547	16	8	17	775	3575	3441	134	4350	0	4350
14	11.59.22	34	149	503	16	6	18	726	3696	3632	64	4422	0	4422
15	11.50.57	35	150	508	11	2	17	723	3496	3562	-66	4219	0	4219
16	18.37.02	37	152	528	15	0	12	744	3350	3242	108	4094	0	4094
17	18.32.22	38	151	506	19	3	18	735	3037	2968	69	3772	0	3772
18	18.30.15	38	152	497	18	4	15	724	2789	2756	33	3513	0	3513
19	18.10.48	36	152	533	17	8	17	763	3090	3043	47	3853	0	3853
20	18.11.26	37	152	493	17	4	7	710	3098	3122	-24	3808	0	3808
21	18.28.01	37	152	493	18	5	18	723	3132	3163	-31	3855	0	3855
22	18.10.37	38	152	490	16	4	17	717	3162	3118	44	3879	0	3879
23	12.15.41	37	153	492	18	6	18	724	3120	2948	172	3844	0	3844
24	18.19.14	40	152	498	19	2	18	729	2781	2771	10	3510	0	3510
25	11.31.05	39	152	492	17	9	18	727	2326	2263	63	3053	0	3053
26	18.06.12	41	154	492	19	7	19	732	2875	2923	-48	3607	0	3607
27	18.21.32	42	155	492	17	5	18	729	2859	2804	55	3588	0	3588
28	18.00.00	42	153	496	19	8	18	736	2772	2838	-66	3508	0	3508
29	11.11.43	41	156	495	19	7	17	735	2799	2827	-28	3534	0	3534
30	18.00.00	41	154	490	18	8	16	727	2770	2681	89	3497	0	3497
31	18.20.44	41	154	489	19	4	18	725	2577	2515	62	3302	0	3302

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

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

A (i) RPH	0.00
(ii) GT+STG	29.510
(iii) PRAGATI	120.515
(iv) RITHALA	0.000
(v) BAWANA CCGT	344.341
(vi) Timarpur – Okhla	14.465
EDWPCL	3.528
DMSWL	14.545
TOTAL	527.084
B) AVAILABILITY FROM BTPS	-0.179
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	21.108
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**505.797**

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	1.482	1.439	1.482	1.439
SALAL	23.902	23.320	23.902	23.320
SASAN	305.654	296.832	305.654	296.832
TANKAPUR	5.894	5.735	5.894	5.735
CHAMERA	7.527	7.325	7.527	7.325
CHAMERA -II	7.787	7.579	7.787	7.579
CHAMERA -III	6.377	6.206	6.377	6.206
DHAULIGANGA	10.916	10.623	10.916	10.623
SEWA -2	0.000	0.000	0.000	0.000
URI	10.815	10.551	10.815	10.551
URI-II	8.665	8.474	8.665	8.474
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	5.877	5.734	5.877	5.734
PARBATI3	3.935	3.829	3.935	3.829
RAMPUR	0.000	0.000	0.000	0.000
ANTA (CRF)	0.000	0.000	0.000	0.000
ANTA (GAS)	0.016	0.016	0.000	0.000
ANTA (RLNG)	11.818	11.493	0.000	0.000
ANTA (LIQUID)	19.359	18.829	0.000	0.000
DADRI (CRF)	13.041	12.786	3.877	3.802
DADRI (GAS)	14.888	14.601	10.962	10.749
DADRI (RLNG)	7.521	7.373	0.002	0.002
DADRI (LIQUID)	25.765	25.266	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)	14.545	14.126	0.000	0.000
AURAIYA (LIQUID)	35.967	34.921	0.000	0.000
SINGRAULI	74.820	72.071	74.030	71.311
SINGRAULI_HYDRO	0.000	0.000	0.000	0.000
RIHAND -I	33.927	32.681	33.609	32.375
RIHAND -II	87.728	84.506	87.434	84.223
RIHAND -III	92.007	89.351	91.847	89.195
UNCHAHAR-I	16.150	15.716	12.010	11.688
UNCHAHAR-II	15.910	15.482	11.964	11.643
UNCHAHAR-III	19.353	18.832	14.445	14.057

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
UNCHAHAR-IV	0.000	0.000	0.000	0.000
DADRI (TH)	514.655	504.638	0.000	0.000
DADRI (TH) STAGE-II	510.199	500.269	289.006	283.391
BRBCL (NABIPUR-BIHAR)	2.913	2.858	2.714	2.662
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
NAPP	29.015	28.165	29.015	28.165
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	36.790	35.617	36.790	35.617
NATHPA JHAKRI	43.074	41.918	43.074	41.918
DULASTI	31.733	30.961	31.733	30.961
TEHRI	11.828	11.539	11.828	11.539
JHAJJAR	485.945	476.487	0.002	0.002
KHELGAON	28.032	27.498	26.250	25.750
KHELGAON-II	63.751	62.537	61.031	59.869
FARAKA	13.061	12.780	11.043	10.805
TALA	14.454	14.069	14.454	14.069
DVC	257.721	256.264	256.264	254.722
TUTICORIN - BRPL	14.777	14.593	14.593	14.505
MADHYA PRADESH	0.030	0.030	0.030	0.030
GUJRAT	0.000	0.000	0.000	0.000
KARNATAKA	7.806	7.688	7.688	7.642
NAGALAND	0.000	0.000	0.000	0.000
CHATTISHGARH	0.000	0.000	0.000	0.000
UTTAR PRADESH	0.156	0.153	0.153	0.152
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)	0.130	0.129	0.129	0.128
BIHAR	0.000	0.000	0.000	0.000
DBPL (CHATTISHGARH)	0.060	0.060	0.060	0.059
MANIPUR	0.000	0.000	0.000	0.000
BALCO (Chattishgarh)	0.000	0.000	0.000	0.000
FSTPP-III (WEST BENGAL)	0.023	0.023	0.023	0.023
SIKKIM	0.000	0.000	0.000	0.000
TAMILNAIDU	0.000	0.000	0.000	0.000
SEIL PROJECT-II(ANDHRA PRADESH)	0.000	0.000	0.000	0.000
MEGHALAYA	12.527	12.464	12.464	12.388
ANDHRA	0.362	0.358	0.358	0.356
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	157.708	156.822	156.822	155.886
DVC MEJIA (LT-08)(BYPL)	71.912	71.506	71.506	71.076
Acme_RUMS	10.538	10.454	10.454	10.391
Arinsun_RUMS	10.776	10.689	10.689	10.625
Mahindra_RUMS	10.198	10.116	10.116	10.055
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	21.417	21.181	21.181	21.054
HIMACHAL PRADESH	30.036	29.554	29.554	29.375
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	2.947	2.900	2.900	2.883
HARYANA (LT-05)	56.595	56.117	56.117	55.783
MP(SOLAR RUMS)	15.377	15.254	15.254	15.161
HP TPDDL (NANTI)	3.268	3.215	3.215	3.196
ALFANAR WIND(BRPL) GUJRAT	12.667	12.598	12.598	12.521
ALFANAR WIND(BYPL) (GUJRAT)	4.222	4.200	4.200	4.174
KSMPL BHADLA(RAJASTHAN)	10.740	10.588	10.588	10.525
ALFANAR WIND(TPDDL)(GUJRAT)	4.222	4.200	4.200	4.174
ADHPL (HP)	7.641	7.518	7.518	7.472
ODHISHA	0.075	0.074	0.074	0.074
ORISSA MT-20 JITPL -DVC	4.299	4.264	4.264	4.238

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
WEST BENGAL	0.360	0.357	0.357	0.355
TELENGANA	20.240	20.038	20.038	19.913
RAJASTHAN(SOLAR) BRPL-LT36	3.556	3.505	3.505	3.484
RAJASTHAN(SOLAR) BYPL - LT-35	3.437	3.388	3.388	3.368
RAJASTHAN(SOLAR) TPDDL LT-31	3.431	3.383	3.383	3.363
HP TARANDA (RAILWAYS)	2.332	2.295	2.295	2.281
TO NAGALAND	0.000	0.000	0.000	0.000
TO ANDHRA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO MEGHALAYA	0.000	0.000	0.000	0.000
TO KERALA	0.000	0.000	0.000	0.000
TO ODISHA	0.000	0.000	0.000	0.000
TO TAMILNAIDU	-103.824	-105.396	-105.396	-106.841
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	-24.377	-24.772	-24.772	-25.109
TO GUJRAT	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	208.045	206.775	208.045	206.775
TO POWER EXCHANGE (IEX)	-32.163	-32.602	-32.163	-32.602
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)	-28.680	-29.074	-28.680	-29.074
TO SHARE PROJECT (PUNJAB)	-30.107	-30.521	-30.107	-30.521
REAL TIME MANAGEMENT (RTM)	30.270	30.085	30.270	30.085
TO REAL TIME MANAGEMENT (RTM)	-14.420	-14.618	-14.420	-14.618
TOTAL	3433.427	3360.890	2054.706	2010.966

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	1510.581	1475.813	631.899	615.097
NTPC - ER	104.845	102.815	98.324	96.424
NHPC	119.032	116.042	119.032	116.042
NPC	65.805	63.782	65.805	63.782
SASAN	305.654	296.832	305.654	296.832
KOTESHWAR	5.877	5.734	5.877	5.734
NATHPA JHAKRI	43.074	41.918	43.074	41.918
TALCHER FOR AUX. OF BTPS	0.000	0.000	0.000	0.000
TEHRI	11.828	11.539	11.828	11.539
TALA	14.454	14.069	14.454	14.069
JHAJJAR	485.945	476.487	0.002	0.002
RAJASTHAN SOLAR(BRPL)T-36	3.556	3.505	3.505	3.484
RAJASTHAN SOLAR(BYPL)T-35	3.437	3.388	3.388	3.368
RAJASTHAN SOLAR(TPDDL)T-31	3.431	3.383	3.383	3.363
DVC	257.721	256.264	256.264	254.722
TUTICORIN BRPL	14.777	14.593	14.593	14.505
MADHYA PRADESH	0.030	0.030	0.030	0.030
GUJRAT	0.000	0.000	0.000	0.000
KARNATAKA	7.806	7.688	7.688	7.642
NAGALAND	0.000	0.000	0.000	0.000
CHATTISHGARH	0.000	0.000	0.000	0.000
UTTAR PRADESH	0.156	0.153	0.153	0.152
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)	0.130	0.129	0.129	0.128
BIHAR	0.000	0.000	0.000	0.000
DBPL (CHATTISHGARH)	0.060	0.060	0.060	0.059

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
MANIPUR	0.000	0.000	0.000	0.000
BALCO (Chattishgarh)	0.000	0.000	0.000	0.000
FSTPP -III (WEST BENGAL)	0.023	0.023	0.023	0.023
SIKKIM	0.000	0.000	0.000	0.000
TAMILNAIDU	0.000	0.000	0.000	0.000
SEIL PROJECT-II(ANDHRA PRADESH)	0.000	0.000	0.000	0.000
MEGHALAYA	12.527	12.464	12.464	12.388
ANDHRA	0.362	0.358	0.358	0.356
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	157.708	156.822	156.822	155.886
DVC MEJIA (LT-08)(BYPL)	71.912	71.506	71.506	71.076
Acme_RUMS	10.538	10.454	10.454	10.391
Arinsun_RUMS	10.776	10.689	10.689	10.625
Mahindra_RUMS	10.198	10.116	10.116	10.055
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	21.417	21.181	21.181	21.054
HIMACHAL PRADESH	30.036	29.554	29.554	29.375
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)	2.947	2.900	2.900	2.883
HARYANA (LT -05)	56.595	56.117	56.117	55.783
ADHPL (HP)	7.641	7.518	7.518	7.472
ODISHA	0.075	0.074	0.074	0.074
ORISSA MT-20 JITPL -DVC	4.299	4.264	4.264	4.238
WEST BENGAL	0.360	0.357	0.357	0.355
TELENGANA	20.240	20.038	20.038	19.913
MP(SOLAR RUMS)	15.377	15.254	15.254	15.161
HP TPDDL (NANTI)	3.268	3.215	3.215	3.196
HP TRANDA (RAILWAYS)	2.332	2.295	2.295	2.281
ALFANAR WIND(BRPL)	12.667	12.598	12.598	12.521
ALFANAR WIND(BYPL)	4.222	4.200	4.200	4.174
KSMPL BHADLA	10.740	10.588	10.588	10.525
ALFANAR WIND(TPDDL)	4.222	4.200	4.200	4.174
POWER EXCHANGE(IEX)	208.045	206.775	208.045	206.775
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
REAL TIME MANAGEMENT (RTM)	30.270	30.085	30.270	30.085
TOTAL	**3666.998**	**3597.871**	**2290.243**	**2249.729**

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 UTTAR PRADESH	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO KERALA	0.000	0.000	0.000	0.000
TO MEGHALAYA	0.000	0.000	0.000	0.000
TO ORIDSHA	0.000	0.000	0.000	0.000
TO TAMILNAIDU	-103.824	-105.396	-105.396	-106.841
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	-24.377	-24.772	-24.772	-25.109
TO GUJRAT	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-32.163	-32.602	-32.163	-32.602

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 POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-28.680	-29.074	-28.680	-29.074
TO SHARE PROJECT (PUNJAB)	-30.107	-30.521	-30.107	-30.521
TO REAL TIME MANAGEMENT (RTM)	-14.420	-14.618	-14.420	-14.618
TOTAL	**-233.571**	**-236.981**	**-235.537**	**-238.763**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**3433.427**	**3360.890**	**2054.706**	**2010.966**
TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs				2471.382
NET CONSUMPTION				**2450.274**
AVAILABILITY WITHIN DELHI				505.797
ACTUAL DRAWAL FROM THE GRID				1944.477
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY				-66.489
LOAD SHEDDING				**0.201**
UNRESTRICTED DEMAND (GROSS)				2471.583
UNRESTRICTED DEMAND (NET)				2450.475
MAX. NET CONSUMPTION				**99.723 On 01.10.2020**
MAX. LOAD SHEDDING				128 MW ON 06.10.2020 AT 19.13 HRS.
PEAK LOAD	Peak Demand during the month			SHEDDING AT PEAK TIME
DAY PEAK	4820 MW AT 15.50.32 HRS ON 01.10.2020			NIL.
EVENING PEAK	4638 MW AT 23.30.00 HRS ON 01.10.2020			NIL

8 SHEDDING DETAILS DURING THE MONTH OF OCTOBER 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
01-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30-10-20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31-10.20	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
01-10-20	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**
02-10-20	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**
03-10-20	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**
04-10-20	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**
05-10-20	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**
06-10-20	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**
07-10-20	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**
08-10-20	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**
09-10-20	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**
10-10-20	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**
11-10-20	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**
12-10-20	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**
13-10-20	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**
14-10-20	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**
15-10-20	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**
16-10-20	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**
17-10-20	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**
18-10-20	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**
19-10-20	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**
20-10-20	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**
21-10-20	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**
22-10-20	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**
23-10-20	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**
24-10-20	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**
25-10-20	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**
26-10-20	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**
27-10-20	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**
28-10-20	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**
29-10-20	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**
30-10-20	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**
31-10.20	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**
	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
01-10-20	0.001	0.005	**0.0002**	0.000	0.000	0.000	0.000	0.006	0.000
02-10-20	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04-10-20	0.000	0.003	0.000	0.000	0.000	0.000	0.012	0.000	0.000
05-10-20	0.000	0.000	0.000	0.000	0.000	**0.0014**	0.000	**0.0004**	0.000
06-10-20	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000
07-10-20	0.000	0.009	0.000	0.000	0.000	0.000	0.000	**0.0002**	0.000
08-10-20	0.000	0.001	0.005	0.000	0.000	0.000	0.000	0.000	0.000
09-10-20	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10-10-20	0.000	0.000	0.0017	0.000	0.000	0.000	0.001	**0.0005**	0.000
11-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000
12-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13-10-20	0.000	0.005	0.000	0.000	0.000	0.000	0.010	0.000	0.000
14-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
15-10-20	0.000	0.000	0.005	0.000	0.000	0.005	0.006	0.003	0.000
16-10-20	0.000	0.005	0.016	0.000	0.000	0.000	0.000	**0.0001**	0.000
17-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000
18-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20-10-20	**0.0004**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21-10-20	0.000	0.021	0.002	0.000	0.000	0.000	0.010	0.000	0.000
22-10-20	0.000	0.005	0.000	0.000	0.000	0.000	0.001	0.000	0.000
23-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000
25-10-20	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
26-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28-10-20	0.000	0.000	0.000	0.000	0.000	0.000	**0.0003**	**0.0001**	0.000
29-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000
30-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000
31-10.20	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.023	**0.054**	**0.041**	**0.000**	**0.000**	**0.007**	**0.064**	**0.010**	**0.000**

ALL FIGURES IN MUs

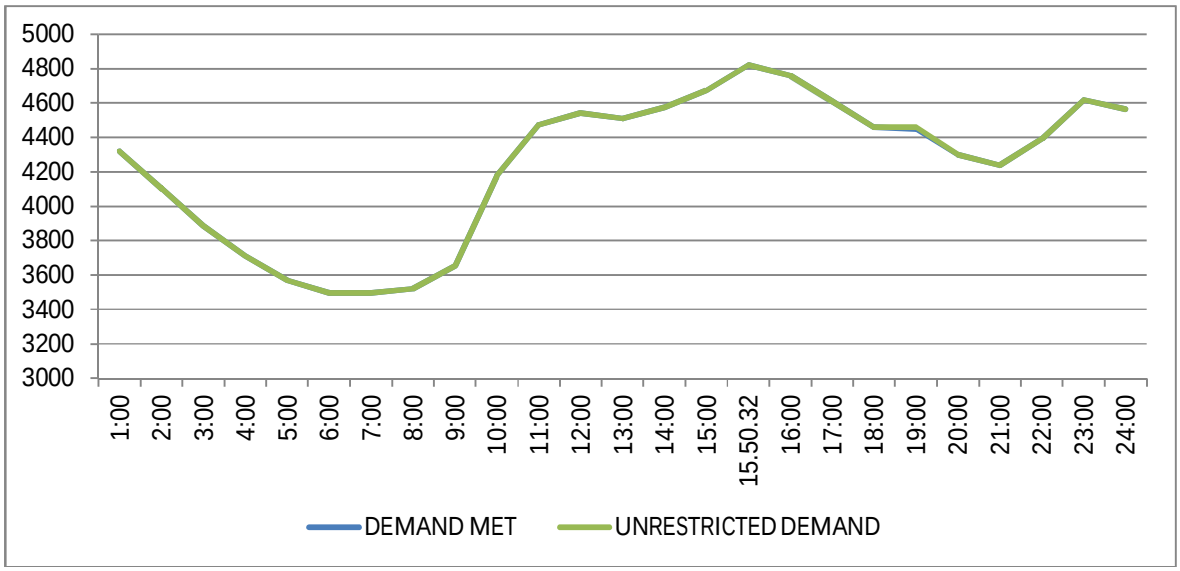
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		TPDDL	NDMC	BSES		TPDDL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	**42= 26 to 41**	**43 = 25 + 42**
01-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.012**	**0.012**
02-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.008**	**0.008**
03-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
04-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.015**	**0.015**
05-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0018**	**0.002**
06-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.011**	**0.011**
07-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.009**	**0.009**
08-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.006**	**0.006**
09-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.013**	**0.013**
10-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.003**	**0.003**
11-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.005**	**0.005**
12-10-20	0.000	**0.0004**	0.000	0.000	0.000	0.000	0.000	**0.0004**	**0.0004**
13-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.015**	**0.015**
14-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.001**	**0.001**
15-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.019**	**0.019**
16-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.021**	**0.021**
17-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.005**	**0.005**
18-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
19-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
20-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0004**	**0.0004**
21-10-20	0.000	**0.0002**	0.000	0.000	0.000	0.000	0.000	**0.033**	**0.033**
22-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.006**	**0.006**
23-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
24-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.005**	**0.005**
25-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.001**	**0.001**
26-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
27-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
28-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0004**	**0.0004**
29-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.003**	**0.003**
30-10-20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.005**	**0.005**
31-10.20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.001**	**0.001**
	0.000	**0.001**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.201**	**0.201**

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
01-10-20	99.723	4820	15:50:32	0	4820	4820	15:50:32	4820	0
02-10-20	85.431	4570	0:00:17	0	4570	4570	0:00:17	4570	0
03-10-20	91.046	4327	0:02:39	0	4327	4327	0:02:39	4327	0
04-10-20	85.008	4126	0:00:45	0	4126	4126	0:00:45	4126	0
05-10-20	90.205	4316	14:26:59	0	4316	4316	14:26:59	4316	0
06-10-20	89.820	4155	0:00:00	0	4155	4155	0:00:00	4155	0
07-10-20	89.162	4346	12:34:56	0	4346	4346	12:34:56	4346	0
08-10-20	90.745	4328	16:05:34	0	4328	4328	16:05:34	4328	0
09-10-20	89.614	4442	12:32:08	0	4442	4442	12:32:08	4442	0
10-10-20	84.044	4053	18:32:03	0	4053	4053	18:32:03	4053	0
11-10-20	80.090	3824	18:48:57	0	3824	3824	18:48:57	3824	0
12-10-20	85.747	4165	15:14:49	0	4165	4165	15:14:49	4165	0
13-10-20	88.969	4350	11:22:47	0	4350	4350	11:22:47	4350	0
14-10-20	90.967	4422	11:59:22	0	4422	4422	11:59:22	4422	0
15-10-20	89.418	4219	11:50:57	0	4219	4219	11:50:57	4219	0
16-10-20	84.743	4094	18:37:02	0	4094	4094	18:37:02	4094	0
17-10-20	76.866	3772	18:32:22	0	3772	3772	18:32:22	3772	0
18-10-20	71.499	3513	18:30:15	0	3513	3513	18:30:15	3513	0
19-10-20	74.273	3853	18:10:48	0	3853	3853	18:10:48	3853	0
20-10-20	73.571	3808	18:11:26	0	3808	3808	18:11:26	3808	0
21-10-20	73.032	3855	18:28:08	0	3855	3855	18:28:08	3855	0
22-10-20	73.557	3879	18:10:37	0	3879	3879	18:10:37	3879	0
23-10-20	72.754	3844	12:15:41	0	3844	3844	12:15:41	3844	0
24-10-20	68.431	3510	18:19:14	0	3510	3510	18:19:14	3510	0
25-10-20	62.171	3053	11:31:05	0	3053	3053	11:31:05	3053	0
26-10-20	66.899	3607	18:06:12	0	3607	3607	18:06:12	3607	0
27-10-20	66.969	3588	18:21:32	0	3588	3588	18:21:32	3588	0
28-10-20	65.956	3508	18:00:00	0	3508	3508	18:00:00	3508	0
29-10-20	64.948	3534	11:11:43	0	3534	3534	11:11:43	3534	0
30-10-20	62.871	3497	18:00:00	0	3497	3497	18:00:00	3497	0
31-10.20	61.745	3302	18:20:44	0	3302	3302	18:20:44	3302	0
TOTAL	2450.274	4820 **01.10.2020**	15:50:32	0	4820 **01.10.2020**	4820	15:50:32	4820	0

9. LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING OCTOBER 2020 ON 01.10.20 - 4820 MW AT 15:50.32 HRS.

All figures in MW

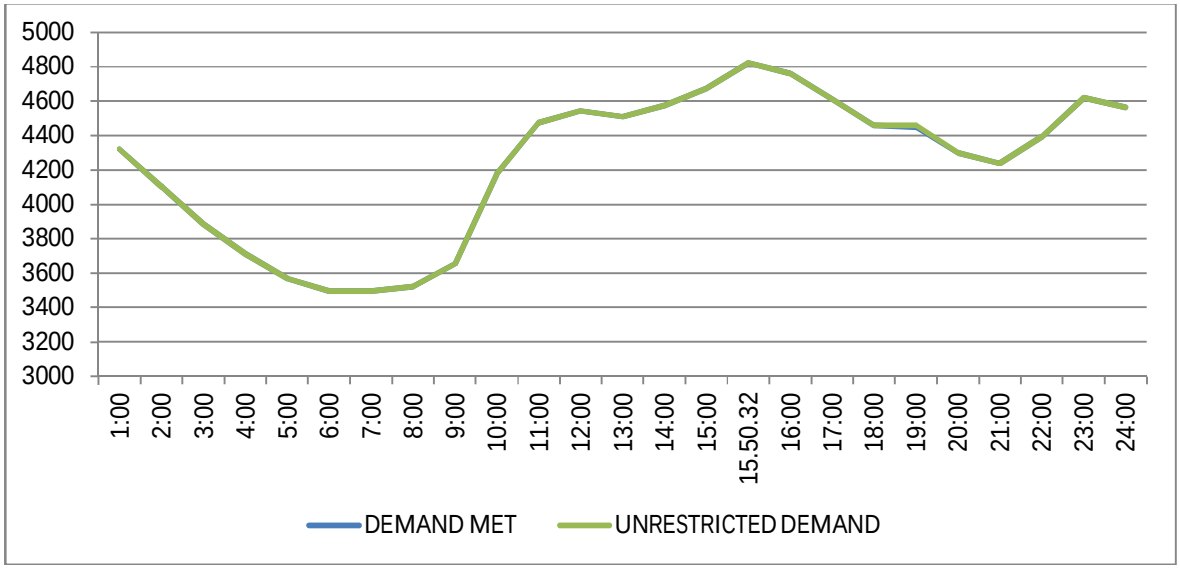
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	4319	0	4319
2:00	4103	0	4103
3:00	3887	0	3887
4:00	3713	0	3713
5:00	3568	0	3568
6:00	3494	0	3494
7:00	3495	0	3495
8:00	3522	0	3522
9:00	3654	0	3654
10:00	4178	0	4178
11:00	4474	0	4474
12:00	4543	0	4543
13:00	4511	0	4511
14:00	4576	0	4576
15:00	4674	0	4674
15.50.32	4820	0	4820
16:00	4759	0	4759
17:00	4611	0	4611
18:00	4459	0	4459
19:00	4448	11	4459
20:00	4300	0	4300
21:00	4239	0	4239
22:00	4394	0	4394
23:00	4619	0	4619
24:00	4564	0	4564
TOTAL IN Mus	**99.723**	**0.012**	**99.735**



10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING OCTOBER 2020 ON 01.10.20 - 4820 MW AT 15:50:32 HRS.

All figures in MW

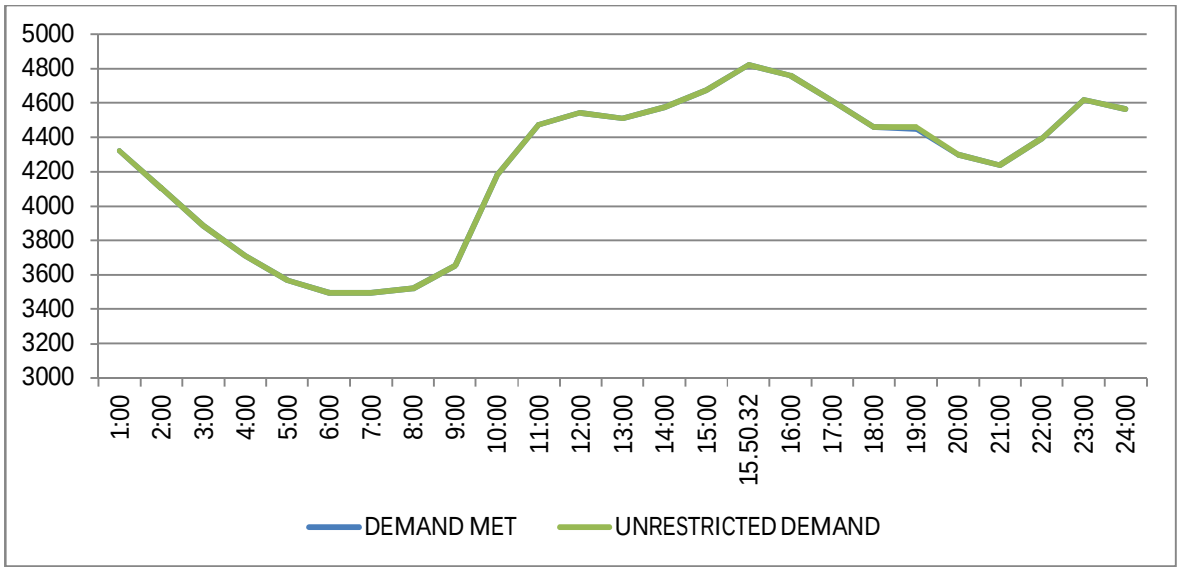
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	4319	0	4319
2:00	4103	0	4103
3:00	3887	0	3887
4:00	3713	0	3713
5:00	3568	0	3568
6:00	3494	0	3494
7:00	3495	0	3495
8:00	3522	0	3522
9:00	3654	0	3654
10:00	4178	0	4178
11:00	4474	0	4474
12:00	4543	0	4543
13:00	4511	0	4511
14:00	4576	0	4576
15:00	4674	0	4674
15.50.32	4820	0	4820
16:00	4759	0	4759
17:00	4611	0	4611
18:00	4459	0	4459
19:00	4448	11	4459
20:00	4300	0	4300
21:00	4239	0	4239
22:00	4394	0	4394
23:00	4619	0	4619
24:00	4564	0	4564
TOTAL IN Mus	**99.723**	**0.012**	**99.735**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING OCTOBER 2020 – 01.10.2020 – 99.723 Mus

All figures in MW

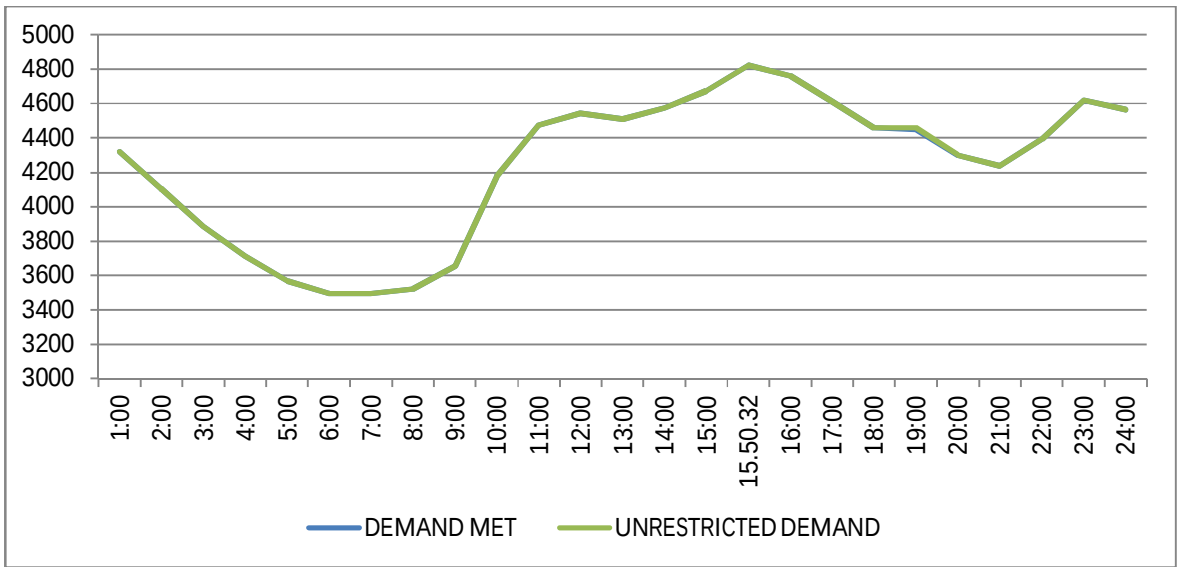
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	4319	0	4319
2:00	4103	0	4103
3:00	3887	0	3887
4:00	3713	0	3713
5:00	3568	0	3568
6:00	3494	0	3494
7:00	3495	0	3495
8:00	3522	0	3522
9:00	3654	0	3654
10:00	4178	0	4178
11:00	4474	0	4474
12:00	4543	0	4543
13:00	4511	0	4511
14:00	4576	0	4576
15:00	4674	0	4674
15.50.32	4820	0	4820
16:00	4759	0	4759
17:00	4611	0	4611
18:00	4459	0	4459
19:00	4448	11	4459
20:00	4300	0	4300
21:00	4239	0	4239
22:00	4394	0	4394
23:00	4619	0	4619
24:00	4564	0	4564
TOTAL IN Mus	**99.723**	**0.012**	**99.735**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING OCTOBER 2020 – ON 01.10.2020 – 99.735 – MUs

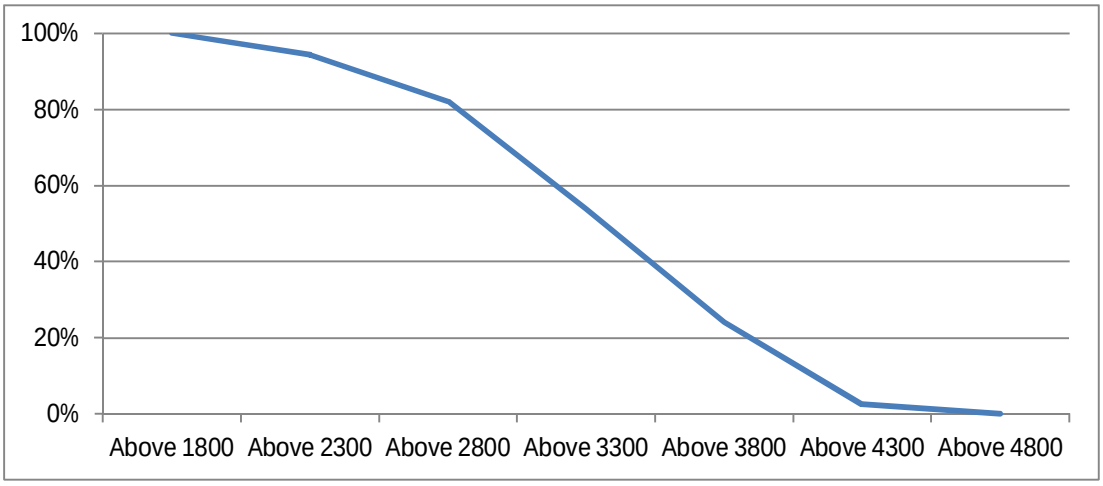
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	4319	0	4319
2:00	4103	0	4103
3:00	3887	0	3887
4:00	3713	0	3713
5:00	3568	0	3568
6:00	3494	0	3494
7:00	3495	0	3495
8:00	3522	0	3522
9:00	3654	0	3654
10:00	4178	0	4178
11:00	4474	0	4474
12:00	4543	0	4543
13:00	4511	0	4511
14:00	4576	0	4576
15:00	4674	0	4674
15.50.32	4820	0	4820
16:00	4759	0	4759
17:00	4611	0	4611
18:00	4459	0	4459
19:00	4448	11	4459
20:00	4300	0	4300
21:00	4239	0	4239
22:00	4394	0	4394
23:00	4619	0	4619
24:00	4564	0	4564
TOTAL IN Mus	**99.723**	**0.012**	**99.735**



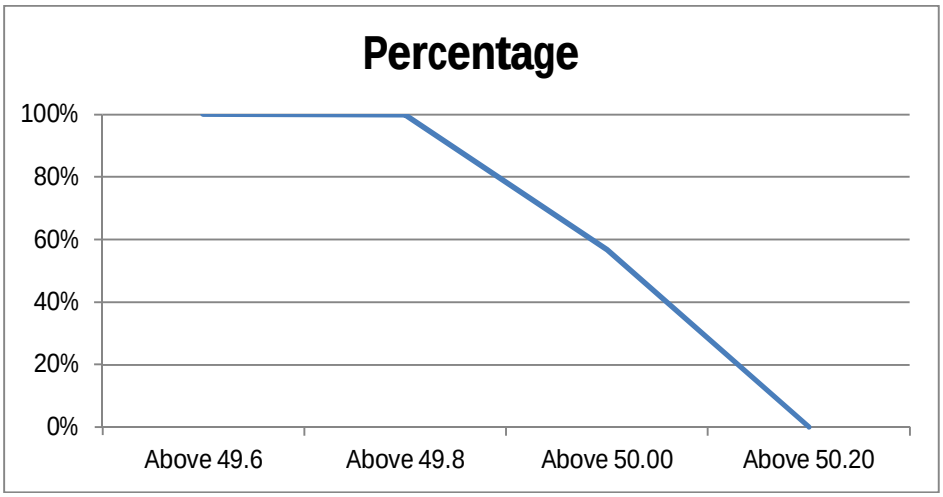
13 LOAD DURATION CURVE FOR OCTOBER 2020

Load in MW	Percentage of Time
Above 1800	100%
Above 2300	94.42%
Above 2800	82.12%
Above 3300	53.97%
Above 3800	24.16%
Above 4300	2.52%
Above 4800	0.00%



14 FREQUENCY ANALYSIS FOR THE MONTH OF OCTOBER 2020

FREQUENCY REMAINED ABOVE IN MW	(%) OF TIME
Above 49.6	100%
Above 49.8	99.93%
Above 50.00	56.65%
Above 50.20	0.00%



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-10-20	227.24	215.24	253.78	237.76
02-10-20	226.85	219.76	252.51	242.26
03-10-20	227.24	214.47	251.13	237.15
04-10-20	228.53	217.82	252.74	239.6
05-10-20	229.82	215.24	254.04	236.05
06-10-20	228.53	214.99	252.46	237.65
07-10-20	227.37	215.63	251.62	234.58
08-10-20	227.63	214.47	250.97	237.62
09-10-20	228.01	214.08	252.66	236.93
10-10-20	226.21	213.95	250.92	237.56
11-10-20	225.69	216.53	251.12	239.22
12-10-20	227.5	215.12	253.51	238.39
13-10-20	227.24	214.73	253.71	237.56
14-10-20	228.53	214.6	254.42	0
15-10-20	227.5	214.34	251	236.69
16-10-20	227.63	214.6	251.21	235.75
17-10-20	228.66	216.28	252.17	238.12
18-10-20	230.46	217.31	255.29	240.39
19-10-20	229.82	216.28	253.75	237.97
20-10-20	230.85	215.63	253.71	237.15
21-10-20	229.43	216.02	254.08	240.61
22-10-20	230.08	215.37	254.39	238.92
23-10-20	231.37	215.63	253.96	239.2
24-10-20	230.85	218.47	255.26	240.97
25-10-20	230.85	220.27	255.56	245.76
26-10-20	231.88	217.18	255.68	240.21
27-10-20	231.75	217.31	254.07	238.74
28-10-20	232.53	217.18	255.25	237.11
29-10-20	233.43	216.02	254.91	236.36
30-10-20	233.17	217.31	254.29	237
31-10.20	233.04	216.92	254.13	238.42

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

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-10-20	408.71	04:01:12	386.43	11:41:24	397.73
02-10-20	398.16	00:27:33	398.16	00:27:33	398.16
03-10-20	398.16	00:28:57	398.16	00:28:57	398.16
04-10-20	398.16	00:30:20	398.16	00:30:20	398.16
05-10-20	405.66	21:46:03	393.7	18:41:22	398.7
06-10-20	408.48	04:00:34	385.73	11:04:05	398.59
07-10-20	408.48	04:01:29	386.43	10:54:59	399.59
08-10-20	407.77	02:28:42	386.2	11:18:23	398.92
09-10-20	408.94	04:02:24	385.26	10:08:07	400.05
10-10-20	405.43	04:01:10	381.98	10:24:41	398.37
11-10-20	404.49	17:01:36	387.84	10:07:25	397.74
12-10-20	410.12	20:59:21	386.43	10:12:59	399.96
13-10-20	408.01	00:43:05	408.01	00:43:05	408.01
14-10-20	408.01	00:44:28	388.08	12:18:37	403.3
15-10-20	406.6	04:02:00	384.56	09:36:00	397.64
16-10-20	408.48	20:17:16	382.92	09:10:14	399.53
17-10-20	411.06	21:12:10	386.2	09:26:38	400.69
18-10-20	412.7	21:07:04	389.25	09:08:32	402.58
19-10-20	409.65	04:38:05	389.25	11:41:06	399.18
20-10-20	413.63	20:36:37	387.61	09:37:27	402.32
21-10-20	414.34	20:41:20	391.59	11:42:39	404.7
22-10-20	413.87	04:00:52	390.89	10:46:13	404.42
23-10-20	414.57	20:57:18	390.89	09:48:06	405.48
24-10-20	415.98	21:02:32	394.64	09:57:11	406.19
25-10-20	415.98	20:14:26	401.44	06:11:03	409.6
26-10-20	415.51	04:00:17	393.23	10:38:18	407.61
27-10-20	415.51	22:01:43	390.42	08:54:11	405.83
28-10-20	416.68	04:01:14	389.95	10:33:15	406.24
29-10-20	415.74	02:03:27	388.54	09:34:18	405.53
30-10-20	414.81	04:01:01	388.78	08:36:02	404.5
31-10.20	414.81	21:04:57	388.08	09:47:56	404.31

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-10-20	416.92	04:00:44	396.75	11:36:45	406.65
02-10-20	416.92	04:00:26	404.25	10:32:30	410.22
03-10-20	416.21	04:00:53	396.05	10:46:08	407.19
04-10-20	417.15	07:01:01	401.68	11:35:01	410.4
05-10-20	419.73	04:01:45	393.47	10:58:36	408.08
06-10-20	416.21	04:01:32	394.41	10:53:41	406.52
07-10-20	414.81	04:01:44	394.64	10:52:26	406.81
08-10-20	415.51	02:28:29	394.64	10:40:02	406.3
09-10-20	414.34	04:01:06	393.47	10:08:17	406.78
10-10-20	411.99	04:00:12	390.19	10:24:03	405.8
11-10-20	412.46	22:01:10	395.81	10:06:47	405.46
12-10-20	415.98	21:01:11	393.94	10:12:44	406.79
13-10-20	414.57	04:00:06	393.47	11:34:57	406.21
14-10-20	416.92	04:01:41	392.3	10:16:02	405.75
15-10-20	413.63	20:55:39	392.76	09:36:27	405.34
16-10-20	415.51	21:11:24	392.06	09:10:11	406.9
17-10-20	416.68	04:01:37	395.11	09:27:57	408.03
18-10-20	412.7	00:50:06	412.7	00:50:06	412.7
19-10-20	415.04	20:15:55	396.99	11:41:04	409.42
20-10-20	418.56	05:00:07	395.11	09:37:48	408.43
21-10-20	418.56	20:53:54	394.88	11:42:33	407.97
22-10-20	416.92	04:00:46	395.58	10:44:08	408.18
23-10-20	419.03	20:58:44	396.05	09:47:01	409.39
24-10-20	420.9	20:58:38	399.33	09:40:45	410.55
25-10-20	420.67	21:17:30	406.83	05:54:27	414.19
26-10-20	420.43	04:00:23	399.33	11:15:22	412.5
27-10-20	419.26	03:59:24	396.05	08:54:06	409.56
28-10-20	420.43	04:00:23	397.45	10:30:22	411
29-10-20	420.9	02:00:32	395.58	09:29:09	410.93
30-10-20	420.2	04:01:17	395.58	08:35:57	410.42
31-10.20	420.67	21:02:24	394.88	08:40:31	410.66

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

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	01.10.20	06:12	VASANT KUNJ 220/66kV 100MVA Tx-III	01.10.20	06:32	E/F, O/C
2	01.10.20	01:00	220kV WAZIRABAD - KASHMEREGATE CKT-I	01.10.20	01:39	AT KASHMIRI GATE ": DIFFERENTIAL, 86, 186.
3	01.10.20	06:22	220kV PRAGATI - SARITA VIHAR CKT - I	01.10.20	08:57	AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 4.3KM, 86.
4	02.10.20	17:04	GEETA COLONY 220/33kV 100MVA Tx-I	02.10.20	19:20	30E
5	02.10.20	17:17	220kV WAZIRABAD - KASHMEREGATE CKT-II	02.10.20	00:00	AT WAZIRABAD : DIST PROT, ZONE-I, DIST 2.331KM.
6	02.10.20	17:43	220kV GEETA COLONY- PATPARGANJ CKT-I	02.10.20	19:20	AT GEETA COLONY : 27 RELAY.
7	02.10.20	17:43	220kV WAZIRABAD-GEETA COLONY CKT-II	02.10.20	19:20	AT GEETA COLONY : TRIPPED WITHOUT INDICATION.
8	02.10.20	17:43	220kV WAZIRABAD-GEETA COLONY CKT-I	02.10.20	20:25	AT WAZIRABAD : DIST PROT, ZONE-I, DIST 2.297KM.
9	02.10.20	17:43	220kV WAZIRABAD-GEETA COLONY CKT-I	02.10.20	20:25	AT GEETA COLONY : DIST PROT, ZONE-I, DIST 3.787KM, E/F.
10	04.10.20	12:00	NAJAFGARH 66/11kV, 20MVA Tx-II	04.10.20	13:10	86
11	05.10.20	09:35	OKHLA 66/11kV, 20MVA Tx-I	05.10.20	14:00	TRIPPED WITHOUT INDICATION.
12	06.10.20	10:21	MUNDKA 400/220kV 315MVA ICT-IV	06.10.20	11:29	86
13	06.10.20	18:59	220kV BAWANA-DSIIDC BAWANA CKT-I	07.10.20	16:56	AT DSIDC : DIFFERENTIAL, DIST PROT, ZONE-I, DIST 30.89KM.
14	06.10.20	18:59	220kV BAWANA-DSIIDC BAWANA CKT-II	06.10.20	19:18	AT DSIDC : DIFFERENTIAL, 86.
15	07.10.20	08:42	GAZIPUR 66/11kV, 20MVA Tx-II	07.10.20	10:35	86
16	08.10.20	21:38	220KV MUNDKA-PEERAGARHI CKT-II	09.10.20	00:00	AT MUNDKA : 86.
17	08.10.20	21:38	220KV PEERAGARHI-WAZIRPUR CKT-II	09.10.20	14:04	AT WAZIRPUR : DIST PROT, ZONE-II, 86A&B.
18	08.10.20	21:38	220KV MUNDKA-PEERAGARHI CKT-I	09.10.20	13:15	AT MUNDKA : DIST PROT, ZONE-I.
19	08.10.20	21:38	220KV PEERAGARHI-WAZIRPUR CKT-I			AT WAZIRPUR : DIST PROT, ZONE-I, R PHASE, CABLE PUNCTURE.
20	09.10.20	12:06	220kV KANJHAWALA-NAJAFGARH CKT	09.10.20	17:40	AT KHANJAWALA : DIST PROT, DIST 26.12KM.
21	09.10.20	18:55	PARKSTREET 220/33kV 100MVA Tx-II	09.10.20	19:54	O/C
22	09.10.20	18:55	PARKSTREET 220/33kV 100MVA Tx-I	09.10.20	00:00	O/C
23	10.10.20	06:40	GOPALPUR 220/33kV 100MVA Tx-III	10.10.20	07:24	E/F
24	13.10.20	07:35	MASJID MOTH 220/33kV 100MVA Tx-II	13.10.20	07:55	O/C , E/F
25	13.10.20	07:35	MASJID MOTH 220/33kV 100MVA Tx-I	13.10.20	08:00	O/C, E/F
26	14.10.20	00:31	ROHINI 220/66kV 100MVA Tx-I	14.10.20	01:31	86
27	15.10.20	00:31	ROHINI 220/66kV 100MVA Tx-I	15.10.20	01:31	86
28	15.10.20	12:02	WAZIRPUR 220/33kV 100MVA Tx-I	15.10.20	22:32	86, AB PHASE, DIFFERENTIAL.
29	15.10.20	21:53	BAWANA 400/220kV 315MVA ICT-II	15.10.20	23:35	186A&B.
30	15.10.20	23:40	KANJHAWALA 220/66kV 160MVA Tx-I	15.10.20	23:41	86
31	16.10.20	04:03	KANJHAWALA 220/66kV 160MVA Tx-I			TRIPPED WITHOUT INDICATION.
32	16.10.20	11:15	BAWANA 400/220kV 315MVA ICT-III	16.10.20	00:00	186AB, 86A1
33	16.10.20	11:15	220kV BAWANA - KANJHAWALA CKT - 1	16.10.20	19:21	AT BAWANA : DIST PROT, ZONE-I, DIST 1.4KM. AT KHANJAWALA : E/F.
34	16.10.20	11:41	220kV BAWANA - KANJHAWALA CKT-2	16.10.20	18:33	AT BAWANA : DIST PROT,ZONE-I, DIST 1.7KM.
35	16.10.20	15:03	220kV MAHARANIBAGH-MASJID MOTH CKT-II			AT MAHARANI BAGH : DIST PROT, ZONE-I, DIST 1.1KM.
36	19.10.20	00:25	PAPPANKALAN-I 66/11kV, 20MVA Tx-III	19.10.20	18:15	REF RELAY.
37	20.10.20	03:44	220kV WAZIRABAD - KASHMEREGATE CKT-II	20.10.20	07:11	AT KASHMIRI GATE : DIST PROT, ZONE-I, 186A
38	20.10.20	05:05	MASJID MOTH 220/33kV 100MVA Tx-I	20.10.20	12:15	BUCHOLZ, 86, E/F.
39	21.10.20	04:27	WAZIRPUR 220/33kV 100MVA Tx-I	21.10.20	22:57	DIFFERENTIAL, 86A&B.
40	21.10.20	09:15	RAJGHAT 220/33kV 100MVA Tx-I	21.10.20	09:30	O/C, E/F

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
41	21.10.20	11:14	MEHRAULI 220/66kV 100MVA Tx-III	21.10.20	12:38	BUS BAR PROTECTION OPERATION.
42	21.10.20	11:14	MEHRAULI 220/66kV 100MVA Tx-II	21.10.20	12:38	BUS BAR PROTECTION OPERATION.
43	21.10.20	11:14	MEHRAULI 220/66kV 100MVA Tx-I	21.10.20	12:38	BUS BAR PROTECTION OPERATION.
44	21.10.20	11:14	220kV MEHRAULI - VASANT KUNJ CKT.- II	21.10.20	15:52	BUS BAR PROTECTION OPERATION.
45	21.10.20	11:14	220kV DIAL- MEHRAULI CKT-I	21.10.20	16:52	AT MEHRAULI : BUS BAR PROTECTION OPERATION.
46	21.10.20	13:32	220kV BAMNAULI-PAPPANKALAN-I CKT-II	21.10.20	14:06	AT BAMNAULI : DIST PROT, DIST 18.31KM, E/F, 186A&B.
47	21.10.20	20:41	400kV Bamnauli-Jhatikara Ckt-I	21.10.20	21:29	AT BAMNAULI : 186A&B.
48	22.10.20	11:20	MEHRAULI 220/66kV 160MVA Tx-I	22.10.20	11:31	TRIPPED WITHOUT INDICATION.
49	23.10.20	18:10	PAPPANKALAN-I 66/11kV, 20MVA Tx-III			86
50	24.10.20	20:56	400kV Bamnauli-Jhatikara Ckt-I	24.10.20	21:50	AT BAMNAULI : 186A&B.
51	31.10.20	12:17	400kV Bawana-Mundka Ckt-II	31.10.20	12:22	AT BAWANA : SPARK OBSERVED.
52	31.10.20	23:44	PATPARGANJ 220/33kV 100MVA Tx-III	01.11.20	04:36	O/C , E/F.

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

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