DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

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SEP - 2018

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	SEP 2017	SEP 2018
1	**Effective Generation Capacity within Delhi in MW**		
	Rajghat Power House	135	135
	Gas Turbine	270	270
	Pragati Power Corporation Ltd.	330	330
	Badapur Thermal Power Station	705	705
	Rithala GT	108	108
	Bawana	1372	1372
	TOWMCL	16	16
	Total	2936	2936
2	**Maximum Unrestricted Demand (MW)**	**5661**	**5358**
	Date	14.09.2017	01.09.2018
	Time	23.00.29	00.02.01
3	**Peak Demand met (MW)**	**5661**	**5358**
	Date	14.09.2017	01.09.2018
	Time	23.00.29	00.02.01
4	Peak Availability (MW)	5644	5167
5	Shortage (-) / Surplus (+) in MW	(-) 17	(-) 191
6	Percentage Shortage (-) / Surplus (+)	(-) 0.30	(-) 3.56
7	Maximum Energy Consume in a day (Mus)	117.954	108.921
8	Energy Consumed during the month	**3131.618**	**2923.534**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions	0.000	0.000
i)	Under Frequency Relay Operations	0.019	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		
	NDPL	0.014	0.039
	BRPL	0.390	0.069
	BYPL	0.014	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	**0.437**	**0.108**
B)	Due to Constraints in System in Mus		
	DTL	0.628	0.135
	NDPL	0.071	0.129
	BRPL	0.737	0.552
	BYPL	0.050	0.117
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.000	0.000
	Total	**1.486**	**0.933**
11	**Grand Total in Mus**	**1.923**	**1.041**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING SEP 2018

A) For the month of Sep 2018

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	**RPH**	0.000	0.226	-0.226	0.000	0.000
2.	**GT**	28.882	1.499	27.386	74.66	113.634
3.	**PPCL**	105.819	2.705	103.114	96.37	119.380
4.	**BTPS**	218.990	22.69	196.300	61.22	50.000
5.	**Rithala**	0.000	0.060	-0.060	**0.00**	0.00
6.	**Bawana**	349.316	11.318	337.998	86.33	493.226
7.	**Towmcl**	13.028	2.006	11.022	--	--
8.	**EDWPCL**	2.723	0.819	1.904	--	--
9.	**DMSWL**	10.464	1.971	8.493	--	--
	TOTAL	**729.222**	**43.294**	**685.931**	**--**	**--**

B) For the Year 2018-19 (Upto Sep 2018)

Power Station	Effective Capacity (MW)	Net Generation in MUs for Sep 2018	Availability (%) for Sep 2018	PLF (%) for Sep 2018	Cumulative Generation in MUs upto Sep 2018 for the year 2018-19	Cumulative Availability in % upto Sep 2018 for the year 2018-19	Cumulative PLF in % upto Sep 2018 for the year 2018-19
RPH	135	-0.226	0.000	0.000	-1.389	0.000	0.000
GT	270	27.386	74.66	14.40	359.801	74.14	31.37
PPCL	330	103.114	96.37	44.58	913.457	84.99	64.80
BTPS	705	196.300	61.22	48.78	1144.456	60.32	42.14
Rithala	108	-0.060	**0.00**	--	-0.366	--	--
Bawana	1372	337.998	86.33	35.09	1813.160	68.73	31.39
Towmcl	16	11.022	--	--	70.131	--	--
EDWPCL	--	1.904	--	--	10.705	--	--
DMSWL	--	8.493	--	--	58.704	--	--
TOTAL	2936	**685.931**	--	--	**4368.659**	--	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2018 RPH

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	08.05.15	13.40	Contd.		Not in operation due to not meeting pollution norms.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	67.5	21.05.15	10.20	Contd.		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	1.4.18	00:00	4.4.18	06:44	Machine stopped as per SLDC message due to low demand on CCNG
		17.4.18	00:45	17.4.18	13:25	Machine tripped on Heavy jerk from the system and came on FSNL
		8.5.18	12:33	19.5.18	19:27	Machine stopped due to changeover to GT#5.and not started due to no demand from SLDC.
		23.5.18	08:24	23.5.18	15:02	Machine tripped on CRT got blank.
		26.5.18	12:23	27.5.18	19:25	Machine tripped on heavy jerk and there was a CW line leakage.The PTW cancelled on 27.05.2018 at 19:25.
		27.5.18	19:25	29.5.18	19:47	Machine could not be taken on bar due to no schedule from SLDC on CCNG
		2.6.18	09:20	4.6.18	19:37	Machine stopped as per SLDC as no schedule on CCNG
		30.6.18	08:14	30.6.18	08:35	Machine came on FSNL due to tripping of 160 MVA Transformer due to grid disturbance.
		3.7.18	21:07	4.7.18	23:12	Machine stopped as per SLDC message due to low demand on CCNG.
		5.7.18	15:50	5.7.18	17:30	Machine tripped on electrical fuse failure. Electrical trouble normal shutdown.
		29.7.18	00:04	30.7.18	11:12	Machine stopped as per SLDC message due to low demand on CCNG.
		30.7.18	20:10	24.09.18	20.00	Machine stopped due to heavy smoke below turbine.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	17.4.18	00:45	17.4.18	03:40	Machine tripped on Heavy jerk from the system and came on FSNL
		18.4.18	05:40	18.4.18	07:49	Machine tripped on Exhaust Temperature High
		13.5.18	19:45	13.5.18	20:20	Machine came on FSNL due to jerk in system.
		16.5.18	03:18	16.5.18	04:00	Machine tripped on lub oil temp high.
		26.5.18	08:05	27.5.18	19:25	Machine tripped on TAD High. Later machine cleared and contiuned on no load to attend leakage in CW line .PTW cancelled on 27.05.2018 at 19:25 hrs.
		27.5.18	19:25	29.5.18	21:17	Machine could not be taken on bar due to no schedule from SLDC on CCNG
		2.6.18	09:15	4.6.18	11:35	Machine stopped as per SLDC as no schedule on CCNG
		26.6.18	23:23	27.6.18	00:10	Machine tripped on T communication link inoperative.
		27.6.18	12:46	27.6.18	18:00	Machine stopped to replace faulty transformer by C&I div.
		30.6.18	07:40	30.6.18	12:46	Machine stopped as per SLDC as no schedule on CCNG
		3.7.18	21:10	5.7.18	06:48	Machine stopped as per SLDC message due to low demand on CCNG.
		30.7.18	23:32	20.08.18	11.42	
		23.08.18	11.00	30.09.18	23.59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	1.4.18	00:00	4.4.18	07:20	Machine stopped as per SLDC message due to low demand on CCSpot
		9.4.18	13:45	13.4.18	13:32	Machine stopped as per SLDC message due to low demand on CCSpot. Started for Testing Black Start
		13.4.18	14:40	15.4.18	17:05	Machine stopped as per SLDC message due to low demand on CCSpot. Started for Trial RUN
		15.4.18	17:10	16.4.18	02:18	Machine stopped as per SLDC message due to low demand on CCSpot
		24.4.18	11:00	27.4.18	18:50	Machine stopped as per SLDC message due to low demand on CCSpot
		29.4.18	00:03	12.05.18	00.20	Machine stopped as per SLDC message due to low demand on CCSpot
		13.5.18	19:45	13.5.18	21:04	Machine came on FSNL due to jerk in system.
		14.5.18	00:00	21.5.18	21:50	Machine could not be taken on bar due to no schedule from SLDC on CCNG
		23.5.18	16:08	24.5.18	00:17	Machine could not be taken on bar due to no schedule from SLDC on CCNG
		26.5.18	16:35	27.5.18	19:25	Machine stopped to attend CW line leakage.The PTW cancelled on 27.05.2018 at 19:25.
		27.5.18	19:25	29.5.18	12:55	Machine could not be taken on bar due to no schedule from SLDC on CCNG
		29.5.18	20:22	04.06.18	11.54	Machine could not be taken on bar due to no schedule from SLDC on CCNG
		4.6.18	13:06	4.6.18	15:00	Machine tripped on Exhaust temp high and machine cleared at 15:00 hrs..
		4.6.18	15:00	20.6.18	12:45	Machen not started after clearance due to low schedule from SLDC.
		28.6.18	00:01	28.6.18	13:06	Machine stopped as per the message of SLDC
		30.6.18	08:14	30.6.18	08:30	Machine came on FSNL due to tripping of 160 MVA Transformer due to grid disturbance.
		30.6.18	10:02	30.6.18	10:40	Machine tripped on Battery undervoltage
		30.6.18	13:30	30.6.18	23:59	Machine stopped as per the message of SLDC
		9.7.18	18:30	9.7.18	22:09	Machine stopped as per SLDC message due to low demand on CCNG.
		12.7.18	00:02	13.7.18	10:15	Machine stopped as per SLDC message due to low demand on CCNG.
		13.7.18	15:30	16.7.18	09:56	Machine stopped as per SLDC message due to low demand on CCNG.
		18.7.18	01:44	18.7.18	12:09	Machine stopped due to tripping of STG-II and due to non avaialiability of STG-II.vaialble
		18.7.18	14:17	20.7.18	09:40	Macine stopped as no demenad from SLDC/
		20.7.18	18:45	21.7.18	11:30	Machine stopped as per SLDC message due to low demand on CCNG.
		21.7.18	16:54	24.7.18	11:16	Machine stopped as per SLDC message due to low demand on CCNG.
		25.7.18	17:40	30.9.18	23:59	Machine stopped as per SLDC message due to low demand on CCNG.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	30	1.4.18	00:00	4.4.18	10:05	Machine stopped as per SLDC message due to low demand on OCSpot
		6.4.18	07:40	6.4.18	16:31	Machine tripped on Electrical trouble normal shutdown
		6.4.18	17:15	15.4.18	07:34	Machine stopped as per SLDC message due to low demand on CCSpot
		15.4.18	23:29	19.4.18	13:04	Machine tripped on Communication failed with IO Pack. The machine not started due to low schedule from SLDC
		20.4.18	08:58	30.4.18	23:59	Machine stopped as per SLDC message due to low demand on CCSpot
		1.5.18	00:00	12.5.18	21:06	Machine could not be taken on bar due to no schedule from SLDC on CCNG
		13.5.18	18:00	23.5.18	09:13	Machine could not be taken on bar due to no schedule from SLDC on CCNG
		23.5.18	11:50	24.5.18	12:47	Machine stopped as load could not be increased above 20 MW.
		24.5.18	12:47	26.5.18	08:44	Machine stopped as per SLDC message due to low demand
		26.5.18	12:23	26.5.18	14:25	Machine tripped due to jerk in system and later taken to attend leakage in CW line..
		26.5.18	16:32	27.5.18	19:25	Machine stopped to attend CW line leakage.
		27.5.18	19:25	28.5.18	12:18	Machine started after attend of CW line leakage
		28.5.18	14:51	29.5.18	12:21	Machine stopped as no schedule from SLDC .
		29.5.18	19:52	4.6.18	14.50	Machine stopped as no schedule from SLDC .
		4.6.18	20:10	20.6.18	22:06	Machine stopped as per SLDC as no schedule on CCNG
		28.6.18	00:03	28.6.18	13:01	Machine stopped as per the message of SLDC
		30.6.18	08:14	30.6.18	08:46	Machine came on FSNL due to grid disturbance.
		30.6.18	16:15	09.07.18	13.20	Machine stopped as per SLDC as no schedule on CCNG
		9.7.18	18:20	9.7.18	21:52	Machine stopped as per SLDC message due to low demand on CCNG.
		10.7.18	02:13	10.7.18	13:40	Machine stopped as per SLDC message due to low demand on CCNG.
		12.7.18	00:02	12.7.18	13:55	Machine stopped as per SLDC message due to low demand on CCNG.
		14.7.18	04:36	14.7.18	07:29	Machine tripped on control trip and overtemperature trip alarm on CRT

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	30	1.4.18	00:00	29.4.18	10:01	Machine stopped as per SLDC message due to low demand on CCSpot
		29.4.18	13:45	29.4.18	18:10	Trial run
		29.4.18	22:14	9.5.18	12:19	Machine stopped as per SLDC message due to low demand on CCSpot
		12.5.18	17:25	13.5.18	13:03	Machine tripped on overspeed bolt trip alarm appeared.
		13.5.18	18:00	23.5.18	10:40	Machine stopped as per SLDC message due to low demand
		23.5.18	23:08	25.5.18	16:03	Machine tripped on Exhaust overtemperature.
		26.5.18	12:23	26.5.18	16:35	Machine tripped on heavy jerk and there was a CW line leakage.
		26.5.18	16:35	27.5.18	19:25	Machine stopped to attend CW line leakage.
		27.5.18	19:25	28.5.18	13:33	Machine started after CW line leakage attended.
		2.6.18	12:25	2.6.18	20:30	Machine stopped to attend hotspot in HV bushing of STG-III Transformer.Machine made available at 20:30 hrs.
		2.6.18	20:30	4.6.18	09:16	Machine stopped as per SLDC as no schedule on CCNG
		10.6.18	08:02	11.6.18	10:50	Machine stopped as per SLDC as no schedule on CCNG
		17.6.18	11:00	1.7.18	22:30	Machine stopped as per SLDC as no schedule on CCNG
		2.7.18	03:32	3.7.18	21:04	Machine stopped as per SLDC message due to low demand on CCNG.
		5.7.18	02:30	9.7.18	22:49	Machine stopped as per SLDC message due to low demand on CCNG.Machine started in open cycle mode as per the system.
		10.7.18	02:13	10.7.18	10:15	Machine stopped as per SLDC message due to low demand on CCNG.
		12.7.18	14:01	18.7.18	12:58	Machine stopped as per SLDC message due to low demand on CCNG.
		20.7.18	17:45	20.7.18	17:57	Machine desynchronized and put on FSNL due to passing of trailer.
		21.7.18	00:02	25.7.18	16:33	Machine stopped as per SLDC message due to low demand on CCNG.
		26.7.18	10:15	30.7.18	20:30	Machine stopped as per SLDC message due to low demand on CCNG.
		28.08.18	16.19	28.08.18	20.07	Machine tripped on " Electrical trouble normal shutdown" and 52 H fuse failure alarm appeared.
		05.09.18	12.39	05.09.18	13.57	Machine tripped due to false alarm of condensate level high.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
6	30	1.4.18	00:00	23.05.18	18.13	Machine under Major Inspection and out of DC
		23.5.18	18:30	24.5.18	15:14	Machine tripped on Generator journal bearing drain oil temp High and lub oil header temp alos high.
		26.5.18	16:35	27.5.18	19:25	Machine stopped to attend CW line leakage.The PTW cancelled on 27.05.2018 at 19:25.
		27.5.18	19:25	28.5.18	11:21	Machine started after CW line leakage attended.
		30.5.18	11:20	30.5.18	12:42	Machine tripped on Exhaust temperature high.
		2.6.18	12:30	2.6.18	18:10	Machine stopped to attend hotspot in HV bushing of STG-III Transformer.
		10.6.18	08:03	10.6.18	20:05	Machine stopped to attend problem in Governing system of STG. The machine made available at 20.05 hrs. and not taken on load due to low schedule from SLDC.
		10.6.18	20:05	11.6.18	10:58	Machine not started as per SLDC as no schedule on CCNG
		17.6.18	11:00	20.6.18	13:46	Machine stopped as per SLDC as no schedule on CCNG
		20.6.18	19:00	1.7.18	20:55	Machine stopped as per SLDC as no schedule on CCNG
		2.7.18	03:23	3.7.18	20:56	Machine stopped as per SLDC message due to low demand on CCNG.
		5.7.18	18:05	5.7.18	19:35	Machine tripped on communication IO Pack failure. Machine started upto FSNL and cleared at 19:35 hrs.
		5.7.18	19:35	8.7.18	22:57	Machine not taken on load due to no schedule from SLDC and later started on open cycle mode as per system demand..
		13.7.18	16:00	18.7.18	01:35	Machine stopped as per SLDC message due to low demand on CCNG.
		20.7.18	17:45	20.7.18	17:56	Machine desynchronized and put on FSNL due to passing of trailer.
		21.7.18	00:02	23.7.18	10:44	Machine stopped as per SLDC message due to low demand on CCNG.
		26.7.18	10:15	30.7.18	13:08	Machine stopped as per SLDC message due to low demand on CCNG.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -1	30	17.4.18	00:45	17.4.18	15:14	Machine tripped on Heavy jerk from the system
		26.4.18	16:52	26.4.18	18:44	Machine tripped due to tripping of 2 MVA Transformer-1
		1.5.18	00:28	1.5.18	02:16	Machine tripped due to tripping of 2 MVA Transformer.
		8.5.18	12:34	8.5.18	13:25	Tripped while slashing HRSG-1
		8.5.18	14:56	8.5.18	15:54	Tripped on class -A relay operated.
		13.5.18	19:45	13.5.18	21:41	Machine tripped due to jerk in system.
		16.5.18	03:02	16.5.18	04:52	Machine tripped due to jerk in system
		16.5.18	12:34	16.5.18	13:21	Machine tripped on Turbine speed very high I,e malfunctioning of output card of turbine.
		26.5.18	16:35	27.5.18	19:25	Machine stopped to attend CW line leakage.The PTW cancelled on 27.05.2018 at 19:25.
		27.5.18	19:25	30.5.18	01:16	Machine could not be taken on bar due to no schedule from SLDC
		2.6.18	09:23	4.6.18	13:44	Machine stopped as per SLDC as no schedule
		26.6.18	23:30	27.6.18	00:40	Machine tripped on Exhaust temp high
		30.6.18	07:34	30.6.18	18:40	Machine tripped on Heavy jerk in the system and delay in synchronizing due to vibration problem in front and rear bearing AND EJECTOR FLANGE DAMAGED IN JERK..
		3.7.18	16:40	4.7.18	21:15	Machine tripped on Heavy jerk due to system and due to jerk in system there was leakage in Ejectir flange. And machen was made ready on 04.07.2018 at 20:34 hrs..
		4.7.18	21:15	5.7.18	02:05	Machine was not started due to low demand from SLDC..
		28.7.18	13:36	28.7.18	17:50	Machine tripped due to jerk in the system and leading to outage of 160 MVA Transformer 1 & 2 both.
		30.7.18	23:32	20.08.18	15.40	Machine was not started due to low demand from SLDC..
		20.08.18	16.05	20.08.18	22.45	Unit tripped on high viberation in bearing.
		23.08.18	11.00	30.09.18	23.59	Machine stopped as per SLDC message due to low demand

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -2	30	1.4.18	00:00	4.4.18	14:08	Machine stopped as per SLDC message due to low demand on CCSpot
		7.4.18	11:35	7.4.18	12:08	Machine tripped suddenly on control valve closing
		9.4.18	13:45	15.4.18	09:43	Machine stopped as per SLDC message due to low demand on CCSpot
		17.4.18	01:20	17.4.18	04:58	Machine tripped on all the parameters showing on blue band .
		18.4.18	08:01	18.4.18	08:35	Machine tripped on Turbine channel 1&2 operated alarm appeared.
		18.4.18	10:48	18.4.18	11:38	Machine tripped on hunting started of parameters on BCD.
		24.4.18	11:00	24.4.18	12:15	Machine stopped to attend oil leakage from servo motor line
		24.4.18	12:15	27.4.18	21:00	Machine cleared but not started due to no schedule from SLDC
		29.4.18	00:03	30.4.18	23:59	Machine stopped as per SLDC message due to low demand on CCSpot
		17.4.18	01:20	17.4.18	03:58	Machine tripped on all the parameters showing on blue band .
		1.5.18	00:00	12.5.18	03:58	Machine could not be taken on bar due to no schedule from SLDC
		13.5.18	19:45	13.5.18	20:30	Machine tripped on jerk in system.But later was not started due to low schedule from SLDC
		13.5.18	20:30	21.5.18	23:49	Machine could not be taken on bar due to no schedule from SLDC
		26.5.18	16:35	27.5.18	19:25	Machine stopped to attend CW line leakage.The PTW cancelled on 27.05.2018 at 19:25.
		27.5.18	19:25	29.5.18	14:33	Machine could not be taken on bar due to no schedule from SLDC
		29.5.18	18:40	04.06.18	16.08	Machine stopped to attend water leakage from inlet line of Generator cooler.
		4.6.18	20:13	20.6.18	15:30	Machine stopped as per SLDC as no schedule
		28.6.18	00:03	28.6.18	15:40	Machine stopped as per the message of SLDC
		30.6.18	08:14	30.6.18	13:30	Machine tripped due to tripping of 160 MVA transformer as there was disturbance in the grid.
		30.6.18	13:30	12.07.18	16.30	Machine could not be taken on bar due to Axial shift and taken out of DC.
		14.7.18	04:36	16.7.18	14:30	Machine tripped due to tripping of GT-4 and later not started due to no schedule from SLDC.
		17.7.18	00:55	17.7.18	01:38	Machine tripped on Class A trip alarm, Reverse power trip alarm, Power relay and protection SSVT fuse fail.
		17.7.18	18:06	17.7.18	21:35	Machine tripped on Ch-I & CH-II and class A relay trip alarm appeared on CRT.
		17.7.18	21:49	21.7.18	16:20	Machine again tripped on CH-I & CH-II and Gen RJB and FJB Vibration very high and not started due to no demand..
		25.7.18	17:40	30.9.18	23:59	Machine stopped as per SLDC message due to low demand on CCNG.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -3	30	1.4.18	00:00	08.05.18	14.18	Machine under O/H
		8.5.18	14:28	8.5.18	15:52	Tripped on class -A relay operated.
		11.5.18	15:54	12.5.18	13:50	Machine tripped on calibration of woodward governor.Is under maintenance and STG-II taken on 12.05.2018 at 13:50 made avaialble.
		12.5.18	13:50	23.5.18	13:30	Machine could not be taken on bar due to no schedule from SLDC
		23.5.18	23:08	24.5.18	19:23	Machine tripped on tripping of GT-5 & 6
		26.5.18	16:35	27.5.18	19:25	Machine stopped to attend CW line leakage.The PTW cancelled on 27.05.2018 at 19:25.
		27.5.18	19:25	28.5.18	14:18	Machine started after attend CW line leakage.
		28.5.18	17:46	28.5.18	18:13	Machine tripped on low vacuum.
		1.6.18	08:15	1.6.18	11:06	Machine stopped to attend oil leakage in governor system.
		2.6.18	12:32	2.6.18	19:48	Machine stopped to attend hotspot in HV bushing of STG-III Transformer.
		9.6.18	11:30	9.6.18	12:50	Machine stopped to attend problem in Governing system of STG.
		10.6.18	03:52	10.6.18	04:24	Machine stopped to attend problem in Governing system of STG.
		10.6.18	08:03	10.6.18	20:05	Machine again stopped to attend problem in Governing system of STG. The machine made available on 10.06.2018 at 20:05 hrs but not taken on load due to low schedule from SLDC
		10.6.18	20:05	11.6.18	13:00	Machine not started due to low schedule from SLDC
		16.6.18	12:25	16.6.18	16:15	Machine tripped on FJB vibration very high.
		17.6.18	11:00	20.6.18	17:45	Machine stopped as per SLDC as no schedule
		20.6.18	17:45	24.6.18	16:45	Machine was out of DC due to problem in MOP and taken in DC on 24.06.2018 at 16:45 hrs. The machine not taken on load due to low schedule from SLDC.
		24.6.18	16:45	30.6.18	12:17	Machine after being taken in DC not taken on load due to no schedule from SLDC
		30.6.18	12:17	30.6.18	20:00	Machine not available due to problem in MOP.
		30.6.18	20:00	30.6.18	23:59	Machine not taken on bar due to low schedule from SLDC.
		1.7.18	22:56	3.7.18	22:00	STG-III out of DC due to unavailiability of MOP but made avaialble on 03.07.2018 at 22:00 hrs.
		4.7.18	21:52	9.7.18	09:39	Machine out of DC due to oil leakage from MOP and made available by C&I on 09.07.2018 at 09:39 hrs..
		9.7.18	09:39	9.7.18	11:32	Mahcine after made avaialble started on 9/7/2018 at 11:32 hrs.
		10.7.18	16:20	10.7.18	17:36	Machine tripped while increasing load feom 11.5 MW to 19.5 MW.
		13.7.18	16:00	18.7.18	03:44	Machine was not started due to low demand from SLDC..
		20.7.18	00:00	20.7.18	19:51	Machine desynchronized.
		21.7.18	00:02	23.7.18	12:40	Machine was not started due to low demand from SLDC..
		26.7.18	10:15	30.7.18	15:40	Machine stopped as per SLDC message due to low demand on CCNG.
		30.7.18	17:36	30.7.18	19:18	Machine tripped on 99 GT, 32G-2B relay operated.
		28.08.18	16.39	28.08.18	21.25	Machine tripped on Bearing vibration high.
		29.08.18	17.25	29.08.18	18.16	Machine tripped on GE Protection Main fuse failure and AVR VT fuse failure alarm on backup desk.
		05.09.18	12.39	05.09.18	15.02	STG stopped as fire observed near front gland during costing down.

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	01.04.18	00.00	17.04.18	16.49	Stopped for HGPI
		03.05.18	12.46	04.05.18	15.07	Stopped due to low demand.
		04.05.18	16.10	11.05.18	14.16	Stopped due to low demand.
		13.05.18	19.50	13.05.18	20.14	Tripped due to grid disturbance
		16.05.18	03.01	16.05.18	04.49	
		26.05.18	12.24	26.05.18	13.22	
		26.05.18	13.56	26.05.18	14.42	
		30.06.18	08.17	30.06.18	12.57	
		28.07.18	00.10	03.08.18	12.30	Stopped due to low demand.
		06.08.18	12.31	13.08.18	17.20	
		02.09.18	16.00	21.09.18	08.32	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	104	17.04.18	18.47	18.04.18	12.45	Tripped on internal fault.
		18.04.18	12.45	19.04.18	06.24	Stopped due to low demand.
		03.05.18	07.19	03.05.18	09.07	Tripped due to grid disturbance
		26.05.18	13.56	26.05.18	14.38	
		30.06.18	08.17	30.06.18	09.35	
		12.07.18	17.16	12.07.18	18.20	
		29.07.18	15.50	29.07.18	17.29	Tripped on internal fault.
		13.08.18	18.51	13.08.18	21.15	Unit stopped for checking of diverter dumper seal
		13.08.18	21.15	16.08.18	14.30	Stopped due to low demand.
		16.08.18	14.30	30.08.18	18.45	Unit stopped due to repairing of diverter dumper.
		30.08.18	18.45	04.09.18	12.13	Stopped due to low demand.
		21.09.18	14.00	21.09.18	18.30	GT#2 swapped by GT#1 to attend AVR problem by BHEL
		21.09.18	18.30	30.09.18	23.59	Stopped due to low demand.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	122	20.04.18	15.01	20.04.18	16.43	Tripped on internal fault.
		03.05.18	07.19	03.05.18	09.00	Tripped due to grid disturbance
		03.05.18	09.00	03.05.18	10.48	Internal problem
		03.05.18	16.51	03.05.18	17.50	Tripped on internal fault.
		26.05.18	13.56	26.05.18	15.39	Tripped due to grid disturbance
		26.05.18	17.59	26.05.18	19.41	
		03.06.18	07.23	03.06.18	12.16	
		30.06.18	08.17	30.06.18	11.50	
		12.07.18	17.16	12.07.18	18.27	
		15.07.18	04.29	15.07.18	08.34	Tripped on internal fault.
		24.07.18	12.37	24.07.18	13.39	
		29.07.18	15.50	29.07.18	18.42	Unit tripped as unit -2 tripped.
		14.08.18	19.30	14.08.18	22.45	Tripped due to grid disturbance
		16.08.18	15.32	23.08.18	09.59	GCB oil leakage.
		29.08.18	08.05	29.08.18	09.10	Tripped on internal fault.
		29.08.18	14.01	29.08.18	16.28	
		02.09.18	16.03	04.09.18	17.09	Stopped due to low demand.
		06.09.18	04.14	06.09.18	05.40	Tripped on internal fault.
		27.09.18	09.15	27.09.18	10.39	
		27.09.18	17.15	27.09.18	18.08	

(D) BADARPUR THERMAL POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	95	01.04.18	00.00	30.09.18	00.00	Not in operation due to not meeting pollution norms

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	95	01.04.18	00.00	30.09.18	00.00	Not in operation due to not meeting pollution norms

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	95	01.04.18	00.00	30.09.18	00.00	Not in operation due to not meeting pollution norms

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	210	01.04.18	00.00	01.05.18	11.33	Not in operation due to not meeting pollution norms
		03.05.18	13.29	13.05.18	00.42	Reserve shutdown
		30.07.18	20.30	31.07.18	10.30	Coal shortage
		31.07.18	10.30	01.08.18	05.29	Reserve shutdown
		07.08.18	11.06	08.08.18	15.17	Boiler tube leakage
		09.08.18	01.08	09.08.18	17.54	ID Fan bearing temp high.

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	210	01.04.18	00.00	09.04.18	07.54	Not in operation due to not meeting pollution norms

(E) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	21.04.18	0.00	23.04.18	07.00	Machine shut down for Filter Replacement so half of STG #1 was also not available.
		16.06.18	08.02	16.06.18	23.59	Unit taken out of DC for solenoid change
		28.06.18	00.50	30.06.18	23.59	DP was running very high so unit taken out of DC for filter replacement.
		15.07.18	09.10	15.07.18	21.45	Filter replacement and problem in compressor bleed (CBV) valve operation attended
		21.07.18	00.00	23.07.18	17.00	Problem in purge valve resolved by replacement of solenoid and compressor washing done during this outage.
		17.08.18	13.40	17.08.18	22.00	Unit tripped due to low lu;be oil header pressure, STG also tripped manually.
		28.08.18	05.08	28.08.18	18.45	Unit tripped due to rotor earth fault.
		25.09.18	01.32	25.09.18	14.00	Generator Trip

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	216	16.06.18	08.02	16.06.18	23.59	Unit taken out of DC for solenoid change
		28.06.18	00.50	30.06.18	23.59	DP was running very high so unit taken out of DC for filter replacement.
		15.07.18	09.10	15.07.18	21.45	Filter replacement and problem in compressor bleed (CBV) valve operation attended
		21.07.18	00.00	23.07.18	17.00	Problem in purge valve resolved by replacement of solenoid and compressor washing done during this outage.
		17.08.18	13.40	17.08.18	22.00	Unit tripped due to low lu;be oil header pressure, STG also tripped manually.
		28.08.18	05.08	28.08.18	18.45	Unit tripped due to rotor earth fault.

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-1	254	02.04.18	06.49	02.04.18	11.58	Field breaker and Excitation Trip generated due to Regulation Supply fuse failure. Circuit checked, Power fuse changed and machine synchornised to further test the system.
		02.04.18	12.12	02.04.18	13.34	Again machine tripped on same fault. Fuse Barrier circuit replaced due to malfunctioning of micro switch contact.
		02.04.18	19.37	02.04.18	21.09	Field breaker and Excitation Trip generated due to Regulation Supply fuse failure. The circuit of PLC and fuse barrier checked and digital I/O card which generates this signal changed,machine synchronised.
		02.04.18	21.50	02.04.18	22.27	During HRSG paralleling STG tripped on Low Main steam temperature as HP Bypass#1 was not following reference properly, and loads on GTs were high for smooth paralleling.
		02.05.18	21.32	02.05.18	22.21	The cold gas temp control valve was fully open under full-module operation with cold gas temp around 43 deg. As GT #2 was stopped in accordance with the system demand, the load on STG #1 reduced to around 95 MW lowering the cold gas temp. With residual activities of isolation of HRSG #2 in progress, command was given to reduce the opening of temp-control-valve. The valve is designed for inching operation. However, the valve closed completely shutting of cooling water supply resulting in high cold-gas temp and leading to protection-trip on the same
		20.05.18	07.35	20.05.18	15.42	STG#1 Stopped due to Common Thermal Overload alarm appeared around 07:35 hrs. Intermittent flashover & smoke observed at Transformer cooling fan supply control -panel at site . All running cooling fans tripped & temperature indication at ECP disappeared. STG#1 Stopped/Tripped manually under the circumtances & panel supply made off.
		16.06.18	08.02	16.06.18	23.59	Unit taken out of DC for solenoid change
		28.06.18	00.50	30.06.18	23.59	DP was running very high so unit taken out of DC for filter replacement.
		15.07.18	09.10	15.07.18	21.45	Filter replacement and problem in compressor bleed (CBV) valve operation attended
		21.07.18	00.00	23.07.18	17.00	Problem in purge valve resolved by replacement of solenoid and compressor washing done during this outage.
		27.07.18	00.00	30.07.18	19.30	PHE Cleaning
		17.08.18	13.40	17.08.18	22.00	Unit tripped due to low lu;be oil header pressure, STG also tripped manually.
		28.08.18	05.08	28.08.18	18.45	Unit tripped due to rotor earth fault.
		29.08.18	15.29	29.08.18	16.35	Unit tripped due to generator electrical protection alarm.
		14.09.18	17.08	14.09.18	01.57	Bus bar protection.

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	216	17.04.18	00.00	30.04.18	23.59	Minor overhauling of Generator and Upgradation of GT#3 and BHM installation.
		29.06.18	00.00	29.06.18	02.00	Desynch due to problem in GCS (BMS not firing).
		14.07.18	10.00	14.07.18	14.00	Normalization of 6.6kV System Mod#2

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	216	01.04.18	00.00	16.04.18	18.00	Machine taken out of DC for Planned maintenance.(Combustion inspection)
		22.05.18	15.33	22.05.18	16.15	GT#4 came on FSNL at 15:33 hrs. due to AVR fault and subsequesnt tripping of GCB. Unit was test synch at 16:20 hrs. but due to poor gas pipeline hydraulics GT#4 taken out of DC wef 16:15 hrs..
		22.05.18	16.15	24.05.18	12.30	Due to poor gas pipeline hydraulics GT#4 taken out of DC wef 16:15 hrs..
		24.05.18	21.46	25.05.18	23.59	GT#4 came on FSNL due to AVR fault and subsequesnt tripping of GCB. Unit was test synch at 22:33 hrs.and stopped at 22:44 hrs due to SLDC backdown.
		14.07.18	10.00	14.07.18	14.00	Normalization of 6.6kV System Mod#2

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-2	254	01.04.18	00.00	30.04.18	23.59	STG#2 tripped on Bucholz relay operated. Transformer is under revival.

(F) RITHALA POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	31.8	19.03.13	17:32	30.09.18	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	31.8	07.06.13	22:41	30.09.18	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	31.8	07.06.13	22:38	30.09.18	23.59	Stopped due to low demand and high frequency

4 ALLOCATION OF POWER TO DELHI

A) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 01.04.2017

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	2	3	4	5	6	7	(8)=(5)+(7)
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	1000	150	132	115	0	0	115
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
TOTAL	**9782**	**1302**	**2306**	**2016**	**0**	**0**	**2016**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI-I HEP	480	0	53	50	0	0	50
URI-II HEP	240	0	32	31	0	0	31
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
Parbati-III HEP	520	66	66	63	0	0	63
TOTAL	**4065**	**272**	**479**	**455**	**0**	**0**	**455**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SJVNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	63	60	0	0	60
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**102**	**97**	**0**	**0**	**97**
Total	**17627**	**1990**	**3132**	**2793**	**0**	**0**	**2793**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**5960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	693	622	0	0	622
Ultra Mega Projects							
Sasan	3960	0	446	400	0	0	400
Grand Total	**29047**	**2257**	**4531**	**4032**	**0**	**0**	**4032**

5 ALLOCATION OF POWER TO DISCOMS

A) ALLOCATION OF POWER TO VARIOUS LISCENCEES AS PER ORDER OF DERC AND DECISION OF GNCTD FOR ALLOCATION OF CENTRAL SECTOR STATIONS (DADRI THERMAL & BTPS) AND STATE SECTOR GENERATING STATIONS w.e.f. 06.08.2013.

(Allocation In %)

(A) 10.00hrs. to 17.00hrs.

SOURCES	LICENSEES					
	NDMC	MES	NDPL	BRPL	BYPL	TOTAL
1. Central Sector without Dadri (Th)	0	0	29.18	43.58	27.24	100.00
2. Dadri (Th)	16.63	0	24.22	36.86	22.39	100.00
3. BTPS	17.73	7.09	21.81	33.2	20.17	100.00
4. RPH	0	0	29.025	44.133	26.842	100.00
5. GT	0	0	29.02	44.16	26.82	100.00
6. Pragati	30.3	0	20.22	30.78	18.7	100.00
7. DVC	0	0	29.18	43.58	27.24	100.00
8. BAWANA CCGT*	7.30	1.82	20.688	30.888	19.304	80.00

(B) 00.00hrs. to 10.00hrs. and 17.00hrs. to 24.00hrs.

SOURCES	LICENSEES					
	NDMC	MES	NDPL	BRPL	BYPL	TOTAL
1. Central Sector without Dadri (Th)	0	0	29.18	43.58	27.24	100.00
2. Dadri (Th)	16.53	0	24.22	36.86	22.39	100.00
3. BTPS	17.73	7.09	21.81	33.2	20.17	100.00
4. RPH	0	0	29.025	44.133	26.842	100.00
5. GT	0	0	29.02	44.16	26.82	100.00
6. Pragati	30.3	0	20.22	30.78	18.7	100.00
7. DVC	0	0	29.18	43.58	27.24	100.00
8. BAWANA CCGT*	7.30	1.82	20.688	30.888	19.304	80.00

* 20% POWER OF BAWANA CCGT ALLOCATED TO HARYANA (10%) & PUNJAB (10%)

6 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING SEP 2018

Date	Time of peak demand			Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		RPH	GT	PPCL	Rithala	Bawana	Townmcd	East Delhi	DMSWL	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)				(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	00.02.01	0	70	144	0	434	18	-1	-1	300	964	4394	4203	191	5358	0	5358
2	00.02.20	0	38	147	0	428	17	-1	-1	307	935	3656	3655	1	4591	0	4591
3	11.32.56	0	36	-4	0	427	16	-1	4	307	785	3334	3323	11	4119	0	4119
4	15.06.23	0	33	50	0	456	18	-1	9	305	870	3707	3593	114	4577	0	4577
5	19.40.24	0	32	150	0	435	19	-1	13	292	940	3670	3448	222	4610	0	4610
6	15.42.49	0	32	146	0	496	18	-1	5	315	1011	4113	4016	97	5124	0	5124
7	14.30.00	0	35	149	0	519	15	4	13	306	1041	3823	3904	-81	4864	0	4864
8	15.11.30	0	32	148	0	431	16	4	13	289	933	3401	3468	-67	4334	0	4334
9	22.57.58	0	33	153	0	430	12	6	14	281	929	3302	3315	-13	4231	0	4231
10	15.34.18	0	31	148	0	435	13	5	9	310	951	3779	3787	-8	4730	0	4730
11	15.22.15	0	32	147	0	478	14	-2	12	312	993	4116	4007	109	5109	0	5109
12	15.10.19	0	31	147	0	517	12	3	15	328	1053	4092	3997	95	5145	0	5145
13	15.06.44	0	34	147	0	490	14	2	15	307	1009	4156	4114	42	5165	0	5165
14	15.06.31	0	25	148	0	431	19	6	10	309	948	4152	4144	8	5100	0	5100
15	00.00.41	0	33	151	0	430	17	6	16	306	959	3900	3764	136	4859	0	4859
16	23.10.36	0	33	151	0	575	18	6	15	327	1125	3736	3719	17	4861	0	4861
17	23.05.47	0	35	151	0	492	17	5	9	309	1018	4081	3916	165	5099	0	5099
18	22.53.22	0	35	151	0	492	16	-1	16	309	1018	4082	3903	179	5100	0	5100
19	15.30.42	0	70	145	0	595	13	-1	18	324	1164	3916	3919	-3	5080	0	5080
20	15.27.37	0	71	145	0	631	16	-1	15	362	1239	3986	3866	120	5225	0	5225
21	00.00.18	0	39	152	0	529	18	0	17	298	1053	3929	3874	55	4982	0	4982
22	00.00.13	0	40	151	0	678	18	0	18	311	1216	3044	3199	-155	4260	10	4270
23	18.50.14	0	39	148	0	450	12	-1	17	298	963	3003	2810	193	3966	0	3966
24	12.27.29	0	59	149	0	467	12	5	13	312	1017	3218	3235	-17	4235	0	4235
25	18.43.00	0	27	150	0	295	17	5	12	302	808	3187	3106	81	3995	0	3995
26	18.56.02	0	33	146	0	501	14	5	12	309	1020	3211	3201	10	4231	0	4231
27	18.41.53	0	34	145	0	515	9	6	12	310	1031	3369	3405	-36	4400	6	4406
28	18.53.53	0	33	145	0	548	9	6	12	309	1062	3396	3351	45	4458	0	4458
29	19.21.17	0	34	145	0	614	10	2	12	347	1164	3295	3216	79	4459	0	4459
30	22.54.54	0	36	148	0	606	13	2	12	304	1121	3016	3033	-17	4137	0	4137

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING SEP 2018

Date	Time of peak demand			Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		RPH	GT	PPCL	Rithala	Bawana	Townmcd	East Delhi	DMSWL	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)				(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	00.02.01	0	70	144	0	434	18	-1	-1	300	964	4394	4203	191	5358	0	5358
2	00.02.20	0	38	147	0	428	17	-1	-1	307	935	3656	3655	1	4591	0	4591
3	11.32.56	0	36	-4	0	427	16	-1	4	307	785	3334	3323	11	4119	0	4119
4	15.06.23	0	33	50	0	456	18	-1	9	305	870	3707	3593	114	4577	0	4577
5	19.40.24	0	32	150	0	435	19	-1	13	292	940	3670	3448	222	4610	0	4610
6	15.42.49	0	32	146	0	496	18	-1	5	315	1011	4113	4016	97	5124	0	5124
7	14.30.00	0	35	149	0	519	15	4	13	306	1041	3823	3904	-81	4864	0	4864
8	15.11.30	0	32	148	0	431	16	4	13	289	933	3401	3468	-67	4334	0	4334
9	22.57.58	0	33	153	0	430	12	6	14	281	929	3302	3315	-13	4231	0	4231
10	15.34.18	0	31	148	0	435	13	5	9	310	951	3779	3787	-8	4730	0	4730
11	15.22.15	0	32	147	0	478	14	-2	12	312	993	4116	4007	109	5109	0	5109
12	15.10.19	0	31	147	0	517	12	3	15	328	1053	4092	3997	95	5145	0	5145
13	15.06.44	0	34	147	0	490	14	2	15	307	1009	4156	4114	42	5165	0	5165
14	15.06.31	0	25	148	0	431	19	6	10	309	948	4152	4144	8	5100	0	5100
15	00.00.41	0	33	151	0	430	17	6	16	306	959	3900	3764	136	4859	0	4859
16	23.10.36	0	33	151	0	575	18	6	15	327	1125	3736	3719	17	4861	0	4861
17	23.05.47	0	35	151	0	492	17	5	9	309	1018	4081	3916	165	5099	0	5099
18	22.53.22	0	35	151	0	492	16	-1	16	309	1018	4082	3903	179	5100	0	5100
19	15.30.42	0	70	145	0	595	13	-1	18	324	1164	3916	3919	-3	5080	0	5080
20	15.27.37	0	71	145	0	631	16	-1	15	362	1239	3986	3866	120	5225	0	5225
21	00.00.18	0	39	152	0	529	18	0	17	298	1053	3929	3874	55	4982	0	4982
22	00.00.13	0	40	151	0	678	18	0	18	311	1216	3044	3199	-155	4260	10	4270
23	18.50.14	0	39	148	0	450	12	-1	17	298	963	3003	2810	193	3966	0	3966
24	12.27.29	0	59	149	0	467	12	5	13	312	1017	3218	3235	-17	4235	0	4235
25	18.43.00	0	27	150	0	295	17	5	12	302	808	3187	3106	81	3995	0	3995
26	18.56.02	0	33	146	0	501	14	5	12	309	1020	3211	3201	10	4231	0	4231
27	18.41.53	0	34	145	0	515	9	6	12	310	1031	3369	3405	-36	4400	6	4406
28	18.53.53	0	33	145	0	548	9	6	12	309	1062	3396	3351	45	4458	0	4458
29	19.21.17	0	34	145	0	614	10	2	12	347	1164	3295	3216	79	4459	0	4459
30	22.54.54	0	36	148	0	606	13	2	12	304	1121	3016	3033	-17	4137	0	4137

8 SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR SEP 2018

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

A (i) RPH	0.000
(ii) GT+STG	28.885
(iii) PRAGATI	105.819
(iv) RITHALA	0.000
(v) BAWANA CCGT	349.316
(vi) Timarpur – Okhla	13.028
EDWPCL	2.723
DMSWL	10.464
TOTAL	510.235
B) AVAILABILITY FROM BTPS	218.0990
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	20.604
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**708.621**

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	4.178	4.057	4.178	4.057
SALAL	44.786	43.720	44.786	43.720
SASAN	260.606	252.376	257.995	249.848
TANKAPUR	8.270	8.050	8.270	8.050
CHAMERA	21.283	20.826	21.283	20.826
CHAMERA -II	21.296	20.837	21.296	20.837
CHAMERA -III	14.829	14.510	14.829	14.510
DHAULIGANGA	23.142	22.641	23.142	22.641
SEWA -2	5.287	5.160	5.287	5.160
URI	17.738	17.347	17.738	17.347
URI-II	13.014	12.756	13.014	12.756
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	14.482	14.107	14.482	14.107
PARBATI3	13.718	13.390	13.718	13.390
RAMPUR	0.000	0.000	0.000	0.000
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	0.000	0.000	0.000	0.000
ANTA (RLNG)	22.351	21.645	0.000	0.000
ANTA (LIQUID)	8.036	7.782	0.000	0.000
DADRI (GAS)	15.754	15.446	7.406	7.268
DADRI (RLNG)	26.601	25.967	0.000	0.000
DADRI (LIQUID)	19.456	19.081	0.000	0.000
AURAIYA (GAS)	0.000	0.000	0.000	0.000
AURAIYA (RLNG)	28.788	28.022	0.000	0.000
AURAIYA (LIQUID)	20.891	20.333	0.000	0.000
SINGRAULI	93.799	90.835	86.240	83.510
SINGRAULI_HYDRO	0.000	0.000	0.000	0.000
RIHAND -I	56.829	55.039	49.876	48.303
RIHAND -II	85.504	82.804	81.130	78.565
RIHAND -III	77.682	75.226	67.952	65.796
UNCHAHAR-I	11.161	10.916	9.270	9.067
UNCHAHAR-II	30.793	30.120	25.502	24.943
UNCHAHAR-III	18.814	18.403	15.655	15.311
UNCHAHAR-IV	0.000	0.000	0.000	0.000
DADRI (TH)	481.204	471.253	231.021	226.009
DADRI (TH) STAGE-II	493.891	483.329	373.373	365.301
NAPP	28.267	27.513	28.267	27.513
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	21.319	20.650	21.319	20.650
NATHPA JHAKRI	86.540	84.246	86.540	84.246
DULASTI	35.638	34.783	35.638	34.783

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
TEHRI	27.597	26.882	27.597	26.882
JHAJJAR	452.203	442.431	331.122	323.394
KHELGAON	32.077	31.487	24.874	24.414
KHELGAON-II	80.005	78.553	66.242	65.030
FARAKA	14.286	14.004	10.551	10.341
TALA	18.961	18.489	18.961	18.489
TALCHER	0.000	0.000	0.000	0.000
DVC	233.646	232.101	232.101	230.728
JHARKHAND	21.584	21.492	21.492	21.365
DIKCHU	0.000	0.000	0.000	0.000
MEGHALAYA	5.616	5.567	5.567	5.534
MAHARASHTRA	0.000	0.000	0.000	0.000
HARYANA	0.000	0.000	0.000	0.000
MADHYA PRADESH	105.266	104.400	104.400	103.784
METHON POWER(NDPL)LT-06	122.519	121.724	121.724	120.999
DVC MEJIA (LT-08)(BYPL)	1.126	1.118	1.118	1.113
URS	0.600	0.596	0.600	0.596
JAMMU & KASHMIR	61.796	60.978	60.978	60.618
HIMACHAL PRADESH	236.357	232.073	232.073	230.717
ADHPL (HP)	6.289	6.175	6.175	6.139
MIZORAM	0.751	0.739	0.739	0.734
NAGALAND	0.032	0.032	0.032	0.032
DVC LT-9	0.000	0.000	0.000	0.000
HARYANA (LT-05)	41.395	40.922	40.922	40.676
SIKKIM	0.000	0.000	0.000	0.000
WEST BENGAL	0.000	0.000	0.000	0.000
ORISSA MT-20 JITPL -DVC	4.052	4.006	4.006	3.982
TAMILNAIDU	0.000	0.000	0.000	0.000
MANIPUR	0.000	0.000	0.000	0.000
RAJASTHAN(SOLAR) BRPL-LT36	3.409	3.337	3.337	3.317
RAJASTHAN(SOLAR) BYPL - LT-35	3.409	3.337	3.337	3.317
RAJASTHAN(SOLAR) TPDDL LT-31	3.315	3.245	3.245	3.226
TO JHARKHAND	0.000	0.000	0.000	0.000
TO ANDHRA	-1.222	-1.239	-1.239	-1.252
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO ASSAM	-0.125	-0.127	-0.127	-0.129
TO UTTAR PRADESH	0.000	0.000	0.000	0.000
TO J&K	0.000	0.000	0.000	0.000
TO TAMILNADU	-0.134	-0.136	-0.136	-0.137
TO KERALA	-0.203	-0.208	-0.208	-0.210
TO MEGHALAYA	-0.196	-0.199	-0.199	-0.201
TO MANIPUR	0.000	0.000	0.000	0.000
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	0.000	0.000	0.000	0.000
TO HARYANA	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	3.375	3.355	3.375	3.355
TO POWER EXCHANGE (IEX)	-533.894	-539.823	-533.894	-539.823
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)	-30.672	-31.010	-30.672	-31.010
TO SHARE PROJECT (PUNJAB)	-30.671	-31.009	-30.671	-31.009
TOTAL	**3008.494**	**2926.462**	**2306.630**	**2243.521**

C) AGENCY WISE BREAKUP OF ENERGY SCHEDULED DRAWL 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	1491.552	1456.202	947.424	924.072
NTPC - ER	126.368	124.044	101.667	99.786
NHPC	223.179	218.077	223.179	218.075
NPC	49.586	48.163	49.586	48.163
SASAN	260.606	252.376	257.995	249.848
KOTESHWAR	14.482	14.107	14.482	14.107
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	86.540	84.246	86.540	84.246
TEHRI	27.597	26.882	27.597	26.882
TALA	18.961	18.489	18.961	18.489
JHAJJAR	452.203	442.431	331.122	323.394
TALCHER	0.000	0.000	0.000	0.000
RAJASTHAN SOLAR(BRPL)T-36	3.409	3.337	3.337	3.317
RAJASTHAN SOLAR(BYPL)T-35	3.409	3.337	3.337	3.317
RAJASTHAN SOLAR(TPDDL)T-31	3.315	3.245	3.245	3.226
DVC	233.646	232.101	232.101	230.728
JHARKHAND	21.584	21.492	21.492	21.365
DIKCHU	0.000	0.000	0.000	0.000
MEGHALAYA	5.616	5.567	5.567	5.534
MAHARASHTRA	0.000	0.000	0.000	0.000
HARYANA	0.000	0.000	0.000	0.000
MADHYA PRADESH	105.266	104.400	104.400	103.784
METHON POWER (NDPL)-LT-06	122.519	121.724	121.724	120.999
DVC MEJIA (LT-08)(BYPL)	1.126	1.118	1.118	1.113
URS	0.600	0.596	0.600	0.596
JAMMU & KASHMIR	61.796	60.978	60.978	60.618
HIMACHAL PRADESH	236.357	232.073	232.073	230.717
ADHPL (HP)	6.289	6.175	6.175	6.139
MIZORAM	0.751	0.739	0.739	0.734
NAGALAND	0.032	0.032	0.032	0.032
DVC (FOR NDPL) LT-09	0.000	0.000	0.000	0.000
HARYANA (LT -05)	41.395	40.922	40.922	40.676
SIKKIM	0.000	0.000	0.000	0.000
WEST BENGAL	0.000	0.000	0.000	0.000
ORISSA MT-20 JITPL -DVC	4.052	4.006	4.006	3.982
TAMILNAIDU	0.000	0.000	0.000	0.000
MANIPUR	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	3.375	3.355	3.375	3.355
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**3605.610**	**3530.212**	**2903.775**	**2847.293**

D) AGENCY WISE BREAKUP OF ENERGY SCHEDULED BY NRLDC FOR EXPORT TO OTHER UTILITIES FROM DTL

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT POWER PERIPHERY
TO JHARKHAND	0.000	0.000	0.000	0.000
TO ANDHRA	-1.222	-1.239	-1.239	-1.252
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO ASSAM	-0.125	-0.127	-0.127	-0.129
TO J&K	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	0.000	0.000	0.000	0.000
TO TAMILNADU	-0.134	-0.136	-0.136	-0.137
TO KERALA	-0.203	-0.208	-0.208	-0.210
TO MEGHALAYA	-0.196	-0.199	-0.199	-0.201
TO MANIPUR	0.000	0.000	0.000	0.000
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	0.000	0.000	0.000	0.000
TO HARYANA	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-533.894	-539.823	-533.894	-539.823
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-30.672	-31.010	-30.672	-31.010
TO SHARE PROJECT (PUNJAB)	-30.671	-31.009	-30.671	-31.009
TOTAL	**-597.116**	**-603.750**	**-597.145**	**-603.771**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**3008.494**	**2926.462**	**2306.630**	**2243.521**

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS		2944.138
NET CONSUMPTION		**2923.534**
AVAILABILITY WITHIN DELHI		708.621
ACTUAL DRAWAL FROM THE GRID		2214.913
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY		-28.608
LOAD SHEDDING		1.041
UNRESTRICTED DEMAND (GROSS)		2945.179
UNRESTRICTED DEMAND (NET)		2924.575
MAX. NET CONSUMPTION		108.921 ON 20.09.2018
MAX. LOAD SHEDDING		206MW ON 06.09.2018 AT 18.19HRS.
PEAK LOAD	Peak Demand during the month	SHEDDING AT PEAK TIME
DAY PEAK	5358MW AT 00.02.01HRS ON 01.09.2018	0 MW
EVENING PEAK	5143MW AT 23.00.000HRS ON 20..09.2018	0 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH	0.00%
	GT	14.86%
	PRAGATI	44.54%
	RITHALA	0.00%
	BAWANA	35.39%
	Timarpur Okhla	113.09%
	EDWPCL	31.52%
	DMSWL	60.56%

9 SHEDDING DETAILS DURING THE MONTH OF SEP 2018.

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		NDPL	NDMC	**TOTAL**	BSES		NDPL	NDMC	MES
		BYPL	BRPL				BYPL	BRPL			
1	**2**	**3**	**4**	**5**	**6**	**7=3 to 6**	8	9	10	11	12
01.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000
19.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.000	0.000
21.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000
25.Sep.18	0	0.000	0.000	0.0001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.Sep.18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	**0**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.039**	**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		NDPL	NDMC	BSES			BSES		TPDDL	NDMC		
	BYPL	BRPL			BYPL	BRPL	TPDDL	BYPL	BRPL				
	13	14	15	16	17	18	19	20	21	22	23	24=8 to 23	25=7+24
01.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	**0.008**
19.Sep.18	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.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024	**0.024**
21.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	**0.007**
25.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.069	0.000	0.000	0.000	0.069	**0.069**
26.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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.Sep.18	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**	**0.069**	**0.000**	**0.000**	**0.000**	**0.108**	**0.108**

ALL FIGURES IN MUs

Date	DUE TO T&D CONSTRAINTS IN DELHI SYSTEM								
	DTL					DISCOMS			
	BSES		NDPL	NDMC	MES	BSES		NDPL	NDMC
	BYPL	BRPL				BYPL	BRPL		
	26	27	28	29	30	31	32	33	34
01.Sep.18	0.000	0.001	0.000	0.000	0.000	0.001	0.016	0.000	0.000
02.Sep.18	0.000	0.000	0.000	0.000	0.000	0.012	0.013	0.008	0.000
03.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000
04.Sep.18	**0.0001**	0.000	0.000	0.000	0.000	0.000	0.005	0.001	0.000
05.Sep.18	0.012	0.000	0.014	0.000	0.000	0.000	0.002	**0.0000**	0.000
06.Sep.18	0.000	0.000	0.004	0.000	0.000	0.001	0.113	**0.0000**	0.000
07.Sep.18	0.000	0.000	0.012	0.000	0.000	0.000	0.004	0.002	0.000
08.Sep.18	0.002	0.000	0.000	0.000	0.000	0.000	0.026	0.000	0.000
09.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000
10.Sep.18	0.022	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000
11.Sep.18	0.004	0.000	0.002	0.000	0.000	0.000	0.015	0.005	0.000
12.Sep.18	0.019	0.000	**0.0003**	0.000	0.000	0.000	0.005	0.008	0.000
13.Sep.18	0.005	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.000
14.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.001	0.000
15.Sep.18	0.009	0.000	0.001	0.000	0.000	0.000	0.025	0.000	0.000
16.Sep.18	0.000	0.000	0.000	0.000	0.000	0.008	0.014	0.000	0.000
17.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.0001**	0.000
18.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.050	0.000
19.Sep.18	0.000	0.003	0.000	0.000	0.000	0.000	0.0005	0.021	0.000
20.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.026	0.002	0.000
21.Sep.18	0.000	0.000	0.000	0.000	0.000	0.004	0.052	0.000	0.000
22.Sep.18	0.000	0.000	0.001	0.000	0.000	0.084	0.073	0.001	0.000
23.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.025	0.000	0.000
24.Sep.18	0.000	0.011	0.000	0.000	0.000	0.000	0.004	0.000	0.000
25.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.066	0.027	0.000
26.Sep.18	0.000	0.010	0.000	0.000	0.000	0.001	0.007	0.000	0.000
27.Sep.18	0.000	0.003	0.000	0.000	0.000	0.000	0.003	0.002	0.000
28.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
30.Sep.18	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000
	0.073	**0.028**	**0.034**	**0.000**	**0.000**	**0.117**	**0.552**	**0.129**	**0.000**

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ALL FIGURES IN MUs

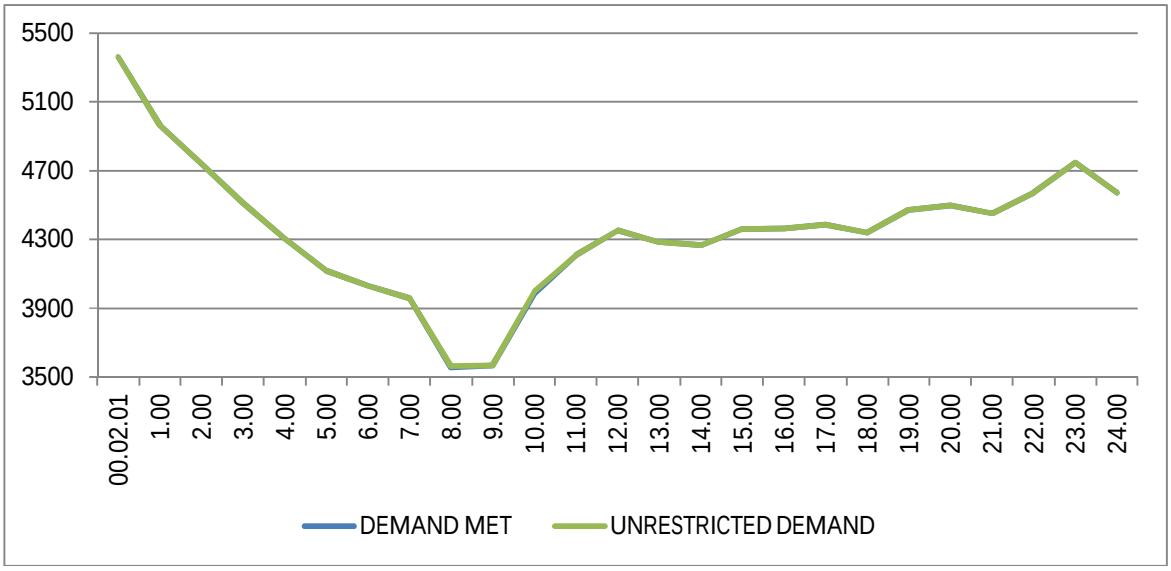
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		NDPL	NDMC	BSES		NDPL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.018**	**0.018**
02.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.033**	**0.033**
03.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.006**	**0.006**
04.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.006**	**0.006**
05.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.028**	**0.028**
06.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.118**	**0.118**
07.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.018**	**0.018**
08.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.028**	**0.028**
09.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.004**	**0.004**
10.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.039**	**0.039**
11.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.026**	**0.026**
12.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.032**	**0.032**
13.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.019**	**0.019**
14.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.017**	**0.017**
15.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.035**	**0.035**
16.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.022**	**0.022**
17.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.0001**
18.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.050**	**0.058**
19.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.025**	**0.025**
20.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.028**	**0.052**
21.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.056**	**0.056**
22.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.159**	**0.159**
23.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.025**	**0.025**
24.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.015**	**0.022**
25.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.093**	**0.162**
26.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.018**	**0.018**
27.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.008**	**0.008**
28.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
29.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.001**	**0.001**
30.Sep.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.006**	**0.006**
TOTAL	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.933**	**1.041**

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.Sep.18	**105.331**	**5358**	00:02:01	0	**5358**	**5358**	00:02:01	**5358**	0
02.Sep.18	**92.860**	**4591**	00:02:20	0	**4591**	**4591**	00:02:20	**4591**	0
03.Sep.18	**89.184**	**4119**	11:32:56	0	**4119**	**4119**	11:32:56	**4119**	0
04.Sep.18	**95.965**	**4577**	15:06:23	0	**4577**	**4577**	15:06:23	**4577**	0
05.Sep.18	**95.488**	**4610**	19:40:24	0	**4610**	**4610**	19:40:24	**4610**	0
06.Sep.18	**103.250**	**5124**	15:42:49	0	**5124**	**5124**	15:42:49	**5124**	0
07.Sep.18	**98.127**	**4864**	14:30	0	**4864**	**4864**	14:30	**4864**	0
08.Sep.18	**94.290**	**4334**	15:11:30	0	**4334**	**4334**	15:11:30	**4334**	0
09.Sep.18	**89.726**	**4231**	22:57:58	0	**4231**	**4231**	22:57:58	**4231**	0
10.Sep.18	**98.841**	**4730**	15:34:18	0	**4730**	**4730**	15:34:18	**4730**	0
11.Sep.18	**105.030**	**5109**	15:22:15	0	**5109**	**5109**	15:22:15	**5109**	0
12.Sep.18	**106.518**	**5145**	15:10:19	0	**5145**	**5145**	15:10:19	**5145**	0
13.Sep.18	**108.217**	**5165**	15:06:44	0	5165	**5165**	15:06:44	**5165**	0
14.Sep.18	**107.094**	**5100**	15:06:31	0	**5100**	**5100**	15:06:31	**5100**	0
15.Sep.18	**102.407**	**4859**	00:00:41	0	**4859**	**4859**	00:00:41	**4859**	0
16.Sep.18	**99.940**	**4861**	23:10:36	0	**4861**	**4861**	23:10:36	**4861**	0
17.Sep.18	**108.096**	**5099**	23:05:47	0	**5099**	**5099**	23:05:47	**5099**	0
18.Sep.18	**108.687**	**5100**	22:53:22	0	**5100**	**5100**	22:53:22	**5100**	0
19.Sep.18	**106.246**	**5080**	15:30:42	0	**5080**	**5080**	15:30:42	**5080**	0
20.Sep.18	**108.921**	**5225**	15:27:37	0	**5225**	**5225**	15:27:37	**5225**	0
21.Sep.18	**105.194**	**4982**	00:00:15	0	**4982**	**4982**	00:00:15	**4982**	0
22.Sep.18	**91.094**	**4260**	00:00:13	10	**4270**	**4270**	00:00:13	**4260**	10
23.Sep.18	**83.779**	**3966**	18:50:14	0	**3966**	**3966**	18:50:14	**3966**	0
24.Sep.18	**87.203**	**4235**	15:27:29	0	**4235**	**4235**	15:27:29	**4235**	0
25.Sep.18	**80.720**	**3995**	18:43	0	**3995**	**3995**	18:43	**3995**	0
26.Sep.18	**83.533**	**4231**	18:56:02	0	**4231**	**4231**	18:56:02	**4231**	0
27.Sep.18	**90.483**	**4400**	18:41:53	6	**4406**	**4406**	18:41:53	**4400**	6
28.Sep.18	**93.266**	**4455**	18:53:53	0	**4455**	**4455**	18:53:53	**4455**	0
29.Sep.18	**94.885**	**4459**	19:21:17	0	**4459**	**4459**	19:21:17	**4459**	0
30.Sep.18	**89.159**	**4137**	22:54:54	0	**4137**	**4137**	22:54:54	**4137**	0
TOTAL	**2923.534**	**5358** **01.09.18**	00:02:01	0	**5358** **01.09.18**	**5358**	00:02:01	**5358**	0

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING SEP 2018 ON 01.09.2018- 5358MW AT 00.02.01HRS.

All figures in MW

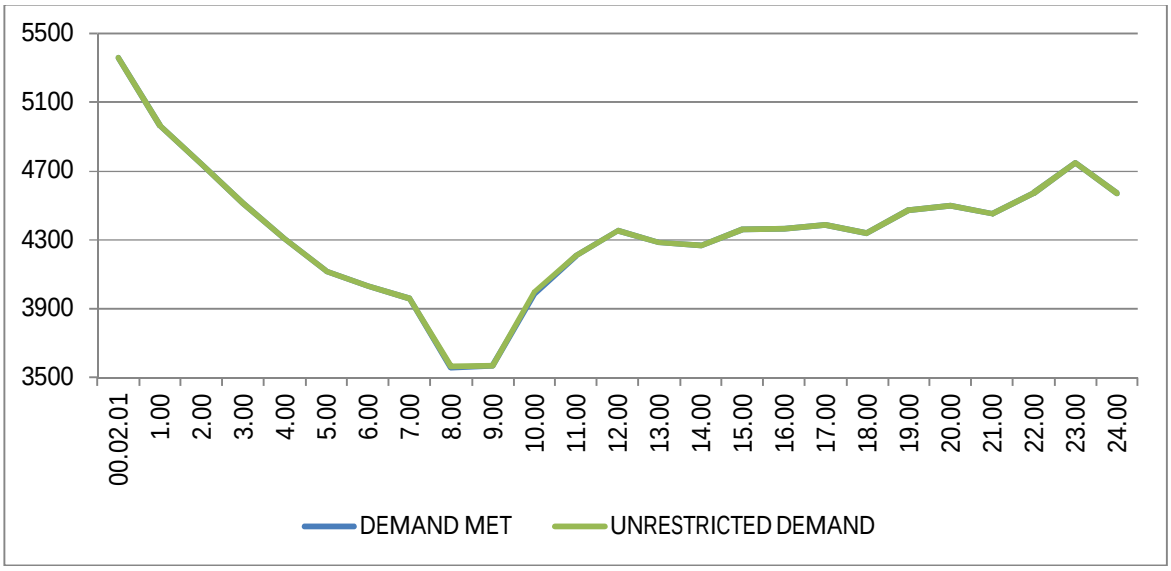
Hrs.	Demand	Load Shedding	Un-Restricted Demand
00.02.01	5358	0	5358
1.00	4968	0	4968
2.00	4739	0	4739
3.00	4515	0	4515
4.00	4308	0	4308
5.00	4118	0	4118
6.00	4031	0	4031
7.00	3959	0	3959
8.00	3559	6	3565
9.00	3570	0	3570
10.00	3985	15	4000
11.00	4208	0	4208
12.00	4355	0	4355
13.00	4287	0	4287
14.00	4269	0	4269
15.00	4360	0	4360
16.00	4367	0	4367
17.00	4386	0	4386
18.00	4341	0	4341
19.00	4475	0	4475
20.00	4500	0	4500
21.00	4453	0	4453
22.00	4572	0	4572
23.00	4749	0	4749
24.00	4571	0	4571
Total (IN MUS)	**105.331**	**0.018**	**105.349**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING SEP 2018 ON 01.09.2018-5937MW AT 00.02.01HRS.

All figures in MW

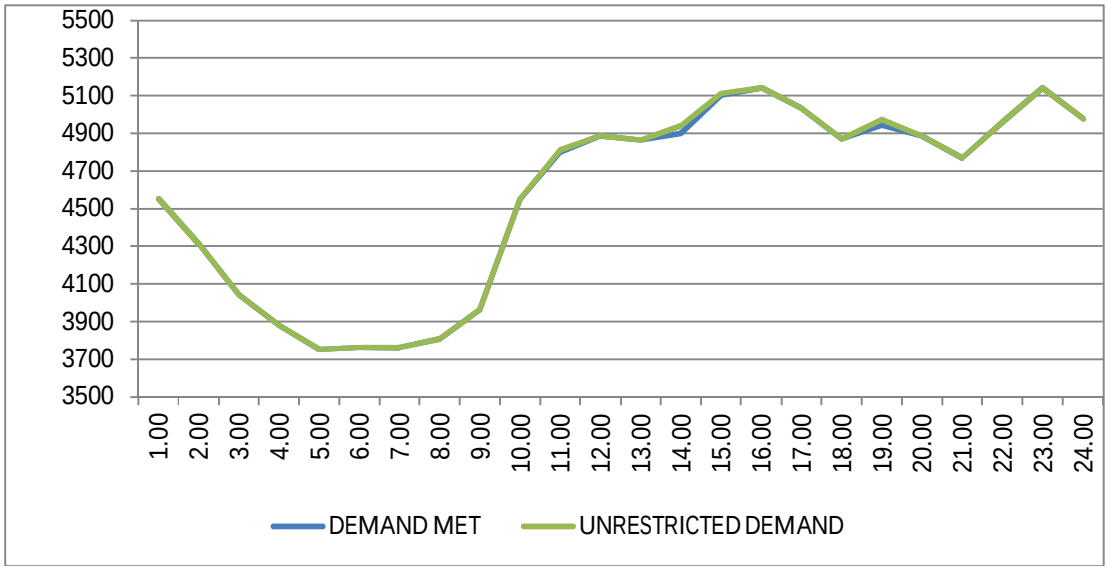
Hrs.	Demand	Load Shedding	Un-Restricted Demand
00.02.01	5358	0	5358
1.00	4968	0	4968
2.00	4739	0	4739
3.00	4515	0	4515
4.00	4308	0	4308
5.00	4118	0	4118
6.00	4031	0	4031
7.00	3959	0	3959
8.00	3559	6	3565
9.00	3570	0	3570
10.00	3985	15	4000
11.00	4208	0	4208
12.00	4355	0	4355
13.00	4287	0	4287
14.00	4269	0	4269
15.00	4360	0	4360
16.00	4367	0	4367
17.00	4386	0	4386
18.00	4341	0	4341
19.00	4475	0	4475
20.00	4500	0	4500
21.00	4453	0	4453
22.00	4572	0	4572
23.00	4749	0	4749
24.00	4571	0	4571
Total (IN MUS)	**105.331**	**0.018**	**105.349**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING SEP 2018 – 20.09.2018 – 108.921Mus

All figures in MW

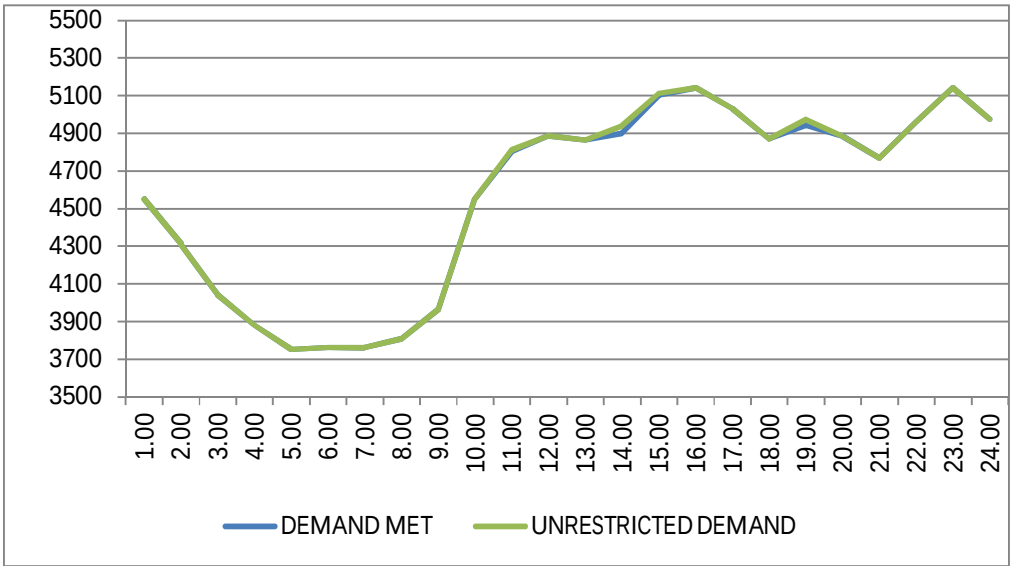
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	4550	0	4550
2.00	4312	0	4312
3.00	4044	0	4044
4.00	3880	0	3880
5.00	3751	0	3751
6.00	3763	0	3763
7.00	3763	0	3763
8.00	3809	0	3809
9.00	3963	0	3963
10.00	4553	0	4553
11.00	4801	9	4810
12.00	4887	0	4887
13.00	4864	0	4864
14.00	4902	37	4939
15.00	5102	9	5111
16.00	5141	0	5141
17.00	5032	0	5032
18.00	4872	0	4872
19.00	4944	29	4973
20.00	4885	0	4885
21.00	4769	0	4769
22.00	4960	0	4960
23.00	5143	0	5143
24.00	4976	0	4976
Total (IN MUS)	**108.921**	**0.052**	**108.973**



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING SEP 2018 – 20.09.2018 – 108.973 Mus

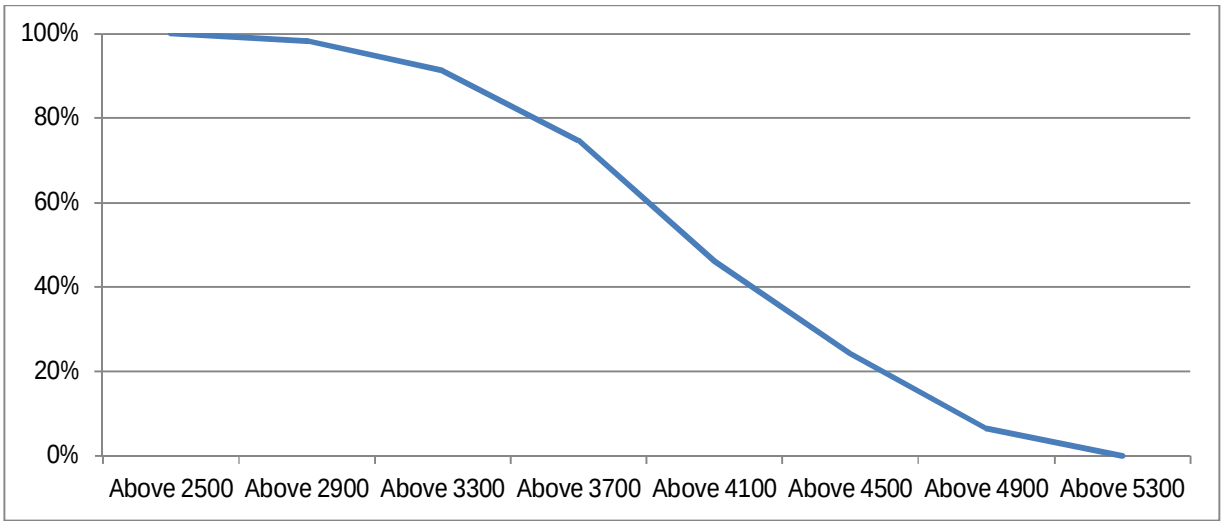
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	4550	0	4550
2.00	4312	0	4312
3.00	4044	0	4044
4.00	3880	0	3880
5.00	3751	0	3751
6.00	3763	0	3763
7.00	3763	0	3763
8.00	3809	0	3809
9.00	3963	0	3963
10.00	4553	0	4553
11.00	4801	9	4810
12.00	4887	0	4887
13.00	4864	0	4864
14.00	4902	37	4939
15.00	5102	9	5111
16.00	5141	0	5141
17.00	5032	0	5032
18.00	4872	0	4872
19.00	4944	29	4973
20.00	4885	0	4885
21.00	4769	0	4769
22.00	4960	0	4960
23.00	5143	0	5143
24.00	4976	0	4976
Total (IN MUS)	**108.921**	**0.052**	**108.973**



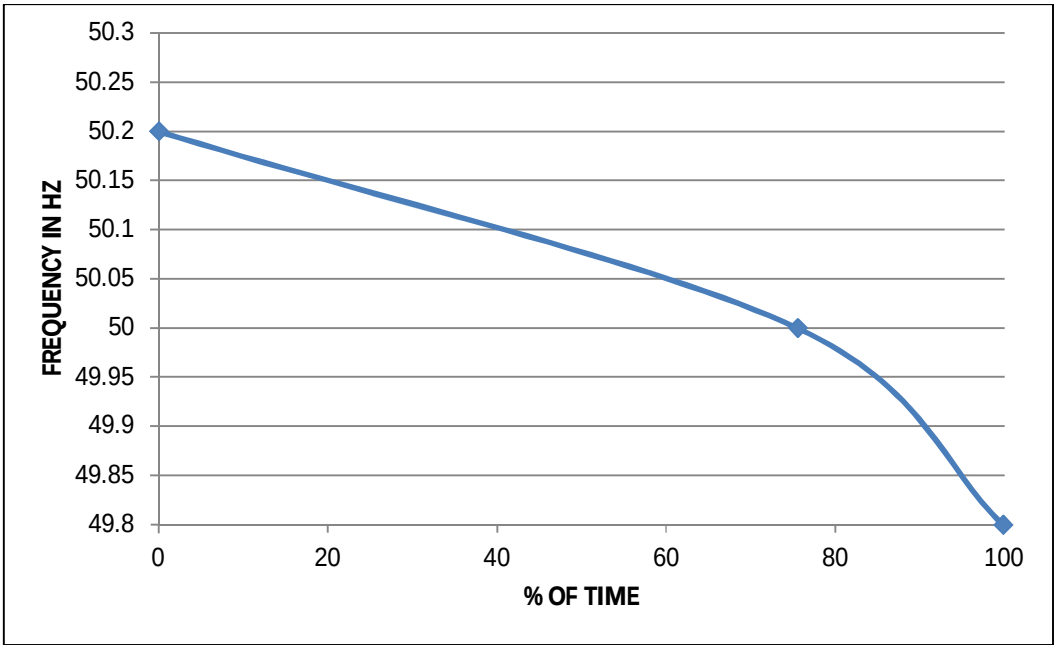
14 LOAD DURATION CURVE FOR SEP 2018

Load in MW	Percentage of Time
Above 2500	100%
Above 2900	98.33%
Above 3300	91.28%
Above 3700	74.69%
Above 4100	46.04%
Above 4500	24.27%
Above 4900	6.46%
Above 5300	0.00%



15 FREQUENCY ANALYSIS FOR THE MONTH OF SEP 2018

Frequency Range in Hz.	Percentage of time
Above 50.2	0.00
Above 50.0	75.52
Above 49.8	99.83



16 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING SEP 2018

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.Sep.18	230.85	222.21	230.46	219.11
02.Sep.18	233.17	224.92	231.24	221.05
03.Sep.18	232.78	222.98	230.85	220.53
04.Sep.18	233.95	221.05	233.3	219.89
05.Sep.18	233.3	219.89	233.04	0
06.Sep.18	231.88	221.18	232.66	217.95
07.Sep.18	232.78	222.08	233.82	218.86
08.Sep.18	233.82	219.11	233.3	221.44
09.Sep.18	231.11	223.11	233.43	223.11
10.Sep.18	232.53	220.53	233.69	220.15
11.Sep.18	232.4	219.76	232.4	219.89
12.Sep.18	232.01	219.76	232.4	219.5
13.Sep.18	232.53	220.79	233.04	219.24
14.Sep.18	230.85	218.98	231.11	218.86
15.Sep.18	229.43	219.89	231.24	219.24
16.Sep.18	229.3	220.79	230.85	221.82
17.Sep.18	229.3	219.76	230.46	219.89
18.Sep.18	229.3	218.6	230.46	217.82
19.Sep.18	229.17	219.63	230.46	217.7
20.Sep.18	229.3	219.76	230.08	218.21
21.Sep.18	229.17	221.56	230.59	221.05
22.Sep.18	234.72	226.85	235.23	226.08
23.Sep.18	237.3	226.98	237.17	228.14
24.Sep.18	236.65	226.34	238.2	225.43
25.Sep.18	236.01	226.98	238.2	224.79
26.Sep.18	238.2	226.34	238.33	223.37
27.Sep.18	236.91	224.92	236.27	222.98
28.Sep.18	235.23	224.14	235.88	222.85
29.Sep.18	235.23	223.11	235.11	222.47
30.Sep.18	235.23	225.43	234.98	225.69

17 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING SEP 2018

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Sep.18	409.18	6:01:12	390.42	19:18:34	399.88
02.Sep.18	411.06	9:19:26	394.88	0:18:04	404.63
03.Sep.18	410.35	6:00:39	392.3	19:23:11	402.69
04.Sep.18	413.4	4:01:42	392.3	19:12:04	402.95
05.Sep.18	413.87	6:01:16	389.25	19:14:27	402.11
06.Sep.18	411.99	4:01:39	391.36	14:48:50	402.31
07.Sep.18	413.17	4:01:32	390.89	19:19:55	402.46
08.Sep.18	413.4	3:30:16	392.76	19:17:09	403.08
09.Sep.18	412.7	6:04:01	396.75	19:22:22	406.28
10.Sep.18	411.99	4:01:14	391.36	10:51:55	402.5
11.Sep.18	411.99	5:27:47	390.19	19:18:49	400.95
12.Sep.18	411.06	6:01:31	388.78	19:18:53	400.87
13.Sep.18	411.99	4:00:05	391.12	14:48:36	400.77
14.Sep.18	410.12	4:00:38	389.01	19:17:30	399.09
15.Sep.18	409.65	4:01:51	389.95	15:50:03	398.71
16.Sep.18	408.01	4:15:15	393.94	19:20:18	401.19
17.Sep.18	408.71	4:02:21	391.36	14:44:01	399.16
18.Sep.18	406.6	6:01:23	388.08	15:47:34	396.86
19.Sep.18	406.13	5:30:24	386.67	10:48:37	395.35
20.Sep.18	406.13	6:01:40	387.37	10:49:00	396.05
21.Sep.18	406.37	6:01:33	392.06	0:42:33	399.5
22.Sep.18	414.57	4:01:48	400.27	18:22:40	407.7
23.Sep.18	417.86	6:03:42	400.97	18:38:12	410.72
24.Sep.18	417.15	4:00:14	397.22	19:10:58	408.12
25.Sep.18	416.21	4:00:34	397.45	18:56:29	408.17
26.Sep.18	416.92	3:59:50	395.81	18:46:53	407.67
27.Sep.18	415.98	4:01:15	393.94	18:47:27	405.02
28.Sep.18	413.87	4:02:57	392.76	18:43:00	404.38
29.Sep.18	414.57	3:59:51	392.3	18:40:33	405.34
30.Sep.18	412.46	8:40:24	395.58	19:23:47	405.35

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Sep.18	413.17	6:02:12	398.16	19:19:12	405.33
02.Sep.18	417.86	13:05:36	402.14	0:18:56	411.04
03.Sep.18	416.21	5:48:50	400.97	19:22:10	409.51
04.Sep.18	419.03	6:01:39	398.63	19:12:09	408.95
05.Sep.18	417.86	6:01:07	396.05	19:16:07	407.85
06.Sep.18	415.04	8:02:08	398.63	14:46:13	407.33
07.Sep.18	417.86	5:02:35	400.74	19:17:46	408.97
08.Sep.18	418.56	3:28:32	399.8	19:18:55	410.2
09.Sep.18	418.32	6:04:13	402.61	19:22:24	412.01
10.Sep.18	417.15	5:17:42	398.63	19:14:43	407.61
11.Sep.18	416.68	5:26:31	397.45	19:19:22	406.98
12.Sep.18	416.21	6:01:21	397.45	19:20:21	407.32
13.Sep.18	416.68	3:59:58	398.39	19:04:40	407.21
14.Sep.18	414.81	8:00:41	396.99	19:16:10	405.37
15.Sep.18	413.17	5:01:48	397.92	15:49:56	404.53
16.Sep.18	412.46	4:15:16	399.57	19:20:08	407.11
17.Sep.18	412.7	7:47:28	398.16	14:41:43	404.8
18.Sep.18	410.35	6:01:16	396.75	15:47:34	403.2
19.Sep.18	410.35	5:30:45	394.88	10:43:41	401.82
20.Sep.18	410.82	6:03:04	396.28	10:56:39	402.78
21.Sep.18	411.06	6:02:13	399.33	0:44:00	405.53
22.Sep.18	420.43	5:00:26	408.01	0:11:38	415.53
23.Sep.18	425.12	5:02:41	408.01	18:55:41	418.06
24.Sep.18	423.01	4:00:09	407.54	19:11:01	415.85
25.Sep.18	422.08	4:00:42	407.3	18:56:26	415.76
26.Sep.18	422.78	3:58:44	406.13	18:44:26	415.44
27.Sep.18	421.37	4:00:25	402.85	19:08:15	412.95
28.Sep.18	419.03	4:02:48	401.68	18:42:53	411.61
29.Sep.18	419.73	3:59:41	403.08	18:40:33	413.41
30.Sep.18	420.9	8:40:34	404.49	19:00:12	413.99

18 DETAILS OF BREAK-DOWNS DURING THE MONTH OF SEPTEMBER 2018

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	1.9.18	08:15	INDRAPRASTHA POWER 220/33kV 100MVA Tx-III	1.9.18	18:25	BUCHOLLZ.
2	1.9.18	17:48	220KV WAZIRABAD - MANDOLA CKT-I	2.9.18	02:17	AT WAZIRABAD : DIST PROT, ZONE-II, DIST 15.85KM. AT MANDOLA : DIST PROT, DIST 0.8KM.
3	2.9.18	16:22	BAWANA 400/220kV 315MVA ICT-III	3.9.18	11:40	186A&B.
4	2.9.18	16:22	BAWANA 400/220kV 315MVA ICT-III			TRIPPED ON DIFFERENTIAL, Y PHASE BUSHING DAMAGED, BEING ATTENDED BY PGCIL STAFF.
5	3.9.18	12:24	220kV MAHARANI BAGH - SARITA VIHAR CKT	3.9.18	12:48	AT MAHARANI BAGH : GEN TRIP.
6	3.9.18	12:50	RAJGHAT 220/33kV 100MVA Tx-I	3.9.18	21:28	186
7	3.9.18	21:56	RAJGHAT 220/33kV 100MVA Tx-I			TRIPPED ON BUCHLOZ RELAY.
8	4.9.18	05:05	PATPARGANJ 33/11kV, 20MVA Tx	4.9.18	16:05	86
9	5.9.18	01:55	SUBZI MANDI 220/33kV 100MVA Tx-I	5.9.18	08:55	86, 186, DIFFERENTIAL PROT,.
10	5.9.18	07:02	PARKSTREET 220/33kV 100MVA Tx-I	5.9.18	07:42	TRIPPED WITHOUT INDICATION.
11	5.9.18	09:28	220KV GAZIPUR - MAHARANIBAGH CKT. -I	5.9.18	09:32	AT GAZIPUR : 86.
12	5.9.18	10:45	400kV Dadri - Harsh Vihar Ckt. -II	6.9.18	10:03	AT HARSH VIHAR : DIST PROT, ZONE-I, DIST 31.1KM.
13	5.9.18	14:50	220kV GAZIPUR - NOIDA SEC.-62 CKT	5.9.18	17:50	AT BTPS : DIST PROT, ZONE-I, DIST 13.4KM.
14	5.9.18	21:55	220kV SARITA VIHAR - BTPS CKT.-II	5.9.18	22:20	AT BTPS : NON AVAILABILITY OF CVT OF TWO PHASES.
15	6.9.18	11:35	220kV DIAL- MEHRAULI CKT-II	6.9.18	15:13	AT MEHRAULI : DIST PROT, ZONE-I, DIST 8.88KM. AT DIAL : DIST PROT, ZONE-I, DIST 10.94KM.
16	6.9.18	18:06	220kV BAWANA-DSIIDC BAWANA CKT-II	6.9.18	19:56	AT DSISC BAWANA : 86B.
17	6.9.18	18:19	SUBZI MANDI 220/33kV 100MVA Tx-I	6.9.18	22:52	186
18	6.9.18	20:15	220kV BAWANA-DSIIDC BAWANA CKT-II	6.9.18	21:45	AT DISDC BAWANA : DIFFERENTIAL, B PHASE.
19	7.9.18	00:53	220KV BAWANA-SHALIMARBAGH CKT-II	7.9.18	02:15	AT SHALIMARBAGH : TRIPPED AT BAWANA : DIST PROT, ZONE-I, DIST 11.6KM.
20	7.9.18	03:12	SUBZI MANDI 220/33kV 100MVA Tx-I	7.9.18	13:54	86, SPAR.
21	7.9.18	11:21	BAWANA 400/220kV 315MVA ICT-V	7.9.18	12:24	SPR.
22	7.9.18	14:50	220kV PAPPANKALAN-I-NARAINA CKT-I	7.9.18	17:33	AT NARAINA : DIST PROT, ZONE-I.
23	7.9.18	16:35	GEETA COLONY 220/33kV 100MVA Tx-I	7.9.18	17:10	DIFFERENTIAL.
24	8.9.18	01:48	BAWANA 400/220kV 315MVA ICT-V	8.9.18	03:37	86
25	8.9.18	11:07	PARKSTREET 220/33kV 100MVA Tx-I	8.9.18	16:51	E/F, 86.
26	9.9.18	09:41	400kV Ballabhgarh-Bamnauli Ckt-II	9.9.18	10:09	AT BAMNAULI : 186A&B.
27	10.9.18	12:55	GEETA COLONY 220/33kV 100MVA Tx-I	10.9.18	14:36	DIFFERENTIAL.
28	10.9.18	13:25	GEETA COLONY 220/33kV 100MVA Tx-II	10.9.18	13:43	SPS
29	11.9.18	08:57	DSIIDC Bawana 220/66kV 160MVA Tx-I	11.9.18	09:10	E/F, 86.
30	11.9.18	16:50	GAZIPUR 66/11kV, 20MVA Tx-II	11.9.18	17:50	AT GAZIPUR: MADE OFF DUE TO FIRE ON I/C CABLE.
31	11.9.18	16:50	GAZIPUR 66/11kV, 20MVA Tx-I	11.9.18	17:50	AT GAZIPUR: MADE OFF DUE TO FIRE ON I/C CABLE.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
32	12.9.18	09:55	220kV BAMNAULI - DIAL CKT-II	12.9.18	13:06	AT DIAL : DIFFERENTIAL TRIP, GENERAL TRIP AT BAMNAULI : DIST PROT, ZONE-I, DIST 12.5KM.
33	12.9.18	11:51	HARSH VIHAR 220/66KV 160MVA ICT-3	12.9.18	12:27	86
34	12.9.18	11:51	HARSH VIHAR 220/66KV 160MVA ICT-2	12.9.18	12:13	86
35	13.9.18	08:43	HARSH VIHAR 220/66KV 160MVA ICT-1	13.9.18	20:20	86
36	13.9.18	10:27	400kV Ballabhgarh-Bamnauli Ckt-I	13.9.18	11:09	AT BAMNAULI : 186AB.
37	13.9.18	16:59	400kV Ballabhgarh-Bamnauli Ckt-II	13.9.18	17:38	AT BAMNAULI : 186A&B.
38	14.9.18	12:50	OKHLA 220/33kV 100MVA Tx-IV	14.9.18	14:11	86, SPR.
39	14.9.18	18:26	400kV Ballabhgarh-Bamnauli Ckt-I	14.9.18	19:11	AT BAMNAULI : CVT FAILED.
40	15.9.18	10:04	PARKSTREET 220/66kV 100MVA Tx-II	15.9.18	20:10	E/F, 86.
41	16.9.18	01:45	400kV Ballabhgarh-Bamnauli Ckt-II	16.9.18	13:14	AT BAMNAULI : DIST PROT, ZONE-I, 186A&B, RYB PHASE. AT BALLABGARH : TRIPPED WITHOUT INDICATION.
42	16.9.18	19:56	MUNDKA 220/66kV 160MVA Tx-II	17.9.18	08:39	86
43	17.9.18	15:17	220kV ROHINI-SHALIMARBAGH CKT-I	17.9.18	21:52	AT ROHINI -I: DIFFERENTIAL.
44	19.9.18	10:34	220kV MEHRAULI - BTPS CKT. - II	19.9.18	14:18	AT MEHRAULI : DIST PROT, ZONE-I, DIST 10.59KM. AT BTPS : DIST PROT,ZONE-I, DIST 9.3KM, E/F.
45	19.9.18	11:35	220 KV PATPARGANJ - I.P. CKT-II	19.9.18	11:43	AT I.P. 86 AT PPG : NO TRIPPING.
46	19.9.18	23:05	INDRAPRASTHA POWER 220/33kV 100MVA Tx-III	20.9.18	12:17	86
47	20.9.18	11:33	220kV MUNDKA-KANJHAWALA CKT	20.9.18	16:16	AT MUNDKA : DIST PROT, ZONE-I, 86.
48	22.9.18	06:55	220kV DIAL- MEHRAULI CKT-II	22.9.18	07:51	AT MEHRAULI : 86.
49	22.9.18	08:07	SHALIMAR BAGH 33/11kV, 20MVA Tx	22.9.18	08:21	O/C
50	23.9.18	06:06	220kV BAMNAULI-NAJAFGARH CKT-II	23.9.18	06:36	AT BAMNAULI : 86A&B. AT NAJAFGARH : CKT. DID NOT TRIPPED.
51	23.9.18	10:55	MEHRAULI 66/11kV, 20MVA Tx-II	23.9.18	18:55	O/C
52	25.9.18	10:55	220KV WAZIRABAD - MANDOLA CKT-IV	25.9.18	18:32	At Wazirabad : Ckt did not trip At Mandola : Supply fail
53	25.9.18	10:55	220KV WAZIRABAD - MANDOLA CKT-I	25.9.18	19:50	At Wazirabad : Dist prot, Zone-2, Dist 15.84Km. At Mandola : Dist prot, Zone-I, Dist 0.6kM.
54	25.9.18	10:55	220KV SHALIMARBAGH-WAZIRPUR CKT-II	25.9.18	18:32	At Wazirabad : Ckt did not trip At Mandola : Supply fail
55	26.9.18	13:15	PEERA GARHI 220/33kV 100MVA Tx-III	26.9.18	18:01	86
56	27.9.18	10:15	OKHLA 220/66kV 100MVA Tx-I	27.9.18	16:10	BUCHHOLZ.
57	27.9.18	15:14	WAZIRABAD 220/66kV 100MVA Tx-I	27.9.18	01:30	LA DAMAGED.
58	27.9.18	15:14	220KV WAZIRABAD - MANDOLA CKT-II	28.9.18	01:30	AT WAZIRABAD : DIST PROT, ZONE-I, DIST 2.55KM.
59	29.9.18	06:55	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	29.9.18	07:20	DIFFERENTIAL RELAY.
60	30.9.18	13:13	220kV MAHARANI BAGH - PRAGATI CKT	30.9.18	15:36	AT PRAGATI : DIST PROT, ZONE-I,II, III. DIST 2.983KM. AT MAHARANI BAGH : DIST PROT, ZONE-I, DIST 4.2KM.

19 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF SEPTEMBER 2018

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