DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

MARCH 2016

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	MAR. 2015	MAR 2016
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)**	**3589**	**3618**
	Date	26.03.2015	31.03.16
	Time	19.12.46	19.21
3	**Peak Demand met (MW)**	**3589**	**3617**
	Date	26.03.2015	31.03.16
	Time	19.12.46	19.21
4	Peak Availability (MW)	3545	3522
5	Shortage (-) / Surplus (+) in MW	(-)44	(-) 95
6	Percentage Shortage (-) / Surplus (+)	(-)1.23	(-) 2.63
7	Maximum Energy Consume in a day (Mus)	70.805	71.494
8	Energy Consumed during the month	**1819.858**	**1927.576**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.003	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	0.272	0.042
	BRPL	1.419	0.479
	BYPL	0.412	0.096
	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	**2.106**	**0.617**
B)	Due to Constraints in System in Mus		
	DTL	0.632	0.520
	NDPL	0.380	0.092
	BRPL	0.468	1.545
	BYPL	0.105	0.255
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.112	0.000
	Total	**1.697**	**2.412**
11	**Grand Total in Mus**	**3.803**	**3.029**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING MARCH 2016

A) For the month of March 2016

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	RPH	0.000	0.380	-0.380	0.00	0.00
2.	GT	29.021	1.413	27.608	90.77	149.262
3.	PPCL	7.326	0.648	6.678	40.96	91.872
4.	BTPS	130.368	12.628	117.740	41.03	68.591
5.	Rithala	0.000	0.062	-0.062	**89.17**	61.008
6.	Bawana	131.663	5.314	126.349	72.28	593.492
7.	Towmcl	13.767	1.928	11.839	--	--
	TOTAL	**312.145**	**22.373**	**289.772**	**--**	**964.225**

B) For the Year 2015-16 (Upto March 2016)

Power Station	Effective Capacity (MW)	Net Generation in MUs for Mar 2016	Availability (%) for Mar 2016	PLF (%) for Mar 2016	Cumulative Generation in MUs upto Mar 2016 for the year 2015-16	Cumulative Availability in % upto Mar 2016 for the year 2015-16	Cumulative PLF in % upto Mar 2016 for the year 2015-16
RPH	135	-0.380	0.00	-1.05	33.596	56.16	
GT	270	27.608	90.77	14.17	445.461	74.81	2.73
PPCL	330	6.678	40.96	2.38	1500.009	90.33	19.19
BTPS	705	117.740	41.03	26.33	1897.588	78.24	53.08
Rithala	108	-0.062	**89.17**	0.00	0.0732	**87.74**	**37.15**
Bawana	1372	126.349	72.28	13.03	1832.275	64.55	0.00
Towmcl	16	11.839	0	--	125.927	--	15.81
TOTAL	2936	**289.772**	**334.21**	**--**	**5834.9292**	**--**	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2015 RPH

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	01.04.15	23.20	02.04.15	19.50	Stopped due to low demand and high frequency
		04.04.15	13.15	06.05.15	22.40	
		08.05.15	13.40	--	--	Tripped on boiler tube leakage

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	67.5	30.12.14	00.00	01.04.15	16.00	Machine under major overhauling
		02.04.15	12.55	07.04.15	23.59	Turbine trip
		08.04.15	00.00	20.04.15	06.45	Stopped due to low demand and high frequency
		21.04.15	09.50	21.05.15	15.15	Turbine tripped
		07.05.15	00.50	07.05.15	04.20	Tripped on heavy jerk
		21.05.15	10.20	--	--	Stopped due to shortage of coal

(B) Gas Turbine

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	30	27.12.14	17.40	12.05.15	18.45	Stopped due to low demand and high frequency
		19.05.15	18.02	12.06.15	13.15	Machine stopped due to fire in cable
		12.06.15	22.48	24.06.15	12.30	Stopped due to low demand and high frequency
		24.06.15	12.31	30.06.15	11.50	Machine not available due to problem in diesel engine
		30.06.15	12.10	03.08.15	13.08	Stopped due to low demand and high frequency
		03.08.15	17.15	07.08.15	19.15	
		07.08.15	19.15	08.08.15	11.53	Machine could not be taken on load due to problem in diesel engine
		12.08.15	10.20	14.08.15	06.07	Stopped due to low demand and high frequency
		15.08.15	11.53	15.08.15	12.36	Machine tripped on emergency trip manual alarm
		01.09.15	16.12	01.09.15	17.19	Machine tripped due to grid disturbance
		02.09.15	19.50	19.10.15	15.00	Stopped due to low demand and high frequency
		19.10.15	15.00	30.10.15	12.30	Machine stopped for combustion inspection
		30.10.15	12.30	30.10.15	18.10	Stopped due to low demand and high frequency
		30.10.15	18.25	9.11.15	08:25	
		10.11.15	20:04	20.11.15	11:33	
		27.11.15	14:52	27.11.15	17:18	Machine tripped on overall diff. relay operation
		30.11.15	05:50	30.11.15	08:30	
		30.11.15	08:30	16.12.15	15.46	Stopped due to low demand and high frequency
		02.01.16	13:50	7.01.16	06:40	
		11.01.16	22:00	12.01.16	08:35	
		18.01.16	03:47	18.01.16	04:06	Machine tripped due to heavy jerk as Geeta colony-Wazirabad line tripped.
		19.01.16	01:30	19.01.16	02:45	Machine tripped due to heavy jerk as Patpar Ganj line tripped.
		19.01.16	02:45	22.01.16	10:15	Stopped due to low demand and high frequency
		22.01.16	18:35	19.03.16	14.08	
		26.03.16	15.59	26.03.16	16.33	Machine tripped as heavy jerk observed in Control room and 160 MVA Tr-i& II tripped at 220 KV end due to tripping of Geeta Colony to Wazirabad ckt.
		30.03.16	13.52	31.03.16	23.59	Machine tripped as heavy jerk observed in Control room and 160 MVA Tr-i& II tripped at 220 KV end due to tripping of Geeta Colony to Wazirabad ckt. Machine not taken on load due to less demand from SLDC.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	01.02.14	17.00	24.10.15	14.00	Machine stopped due to high viberation
		24.10.15	18.25	25.10.15	17.03	Machine synchronized for testing
		25.10.15	18.35	26.10.15	16.15	Machine stopped for inspection
		26.10.15	16.15	4.11.15	17:35	Stopped due to low demand and high frequency
		20.11.15	16:40	30.11.15	07:20	
		12.12.15	06:10	12.12.15	06:20	Machine came on FSNL due to tripping of 160 MVA ICT Transformer 1&2.
		14.12.15	01:02	14.12.15	13:40	Stopped due to low demand and high frequency
		16.12.15	00:00	16.12.15	13:30	
		16.12.15	13:40	16.12.15	14:00	Machine came on FSNL
		16.12.15	17:30	02.01.16	12:40	Stopped due to low demand and high frequency
		08.01.16	03:36	08.01.16	19:41	Machine tripped on R,S,T controller any Link inoperative alarm
		08.01.16	19:41	11.01.16	07:35	machine taken on load but stopped by SLDC as there was no demand from beneficiary
		12.01.16	17:45	19.01.16	03:04	Stopped due to low demand and high frequency
		19.01.16	03:15	19.01.16	03:35	Machine tripped due to heavy jerk as Patpar Ganj line tripped.
		24.01.16	05:48	24.01.16	06:04	
		28.01.16	01:20	31.03.16	23:59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	02.03.15	17.45	04.04.15	10.45	Stopped due to low demand and high frequency
		04.04.15	16.02	04.04.15	12.50	Machine stopped to change absolute filter
		04.04.15	18.51	21.04.15	10.45	Stopped due to low demand and high frequency
		26.04.15	09.00	06.05.15	14.30	
		11.05.15	08.16	11.05.15	11.13	
		12.05.15	14.45	21.05.15	16.05	
		22.05.15	00.20	22.05.15	10.26	
		22.05.15	15.40	22.05.15	15.55	Machine came on FSNL due to jerk
		23.05.15	17.30	07.08.15	19.35	Stopped due to low demand and high frequency
		07.08.15	19.35	08.08.15	16.25	Machine could not be taken on load due to problem in desigle engine
		08.08.15	16.25	10.08.15	16.55	Stopped due to low demand and high frequency
		11.08.15	00.05	11.08.15	14.18	Machine started to roll STG-2 for improving IR Value of generator
		13.08.15	20.52	9.1.16	15:12	Machine tripped due to tripping of tr. And further Stopped due to low demand and high frequency
		9.1.16	15:12	11.1.16	23:59	Machine is under shutdown to carry out minor works on bearing of Load Gear box.
		12.1.16	00:00	20.1.16	15:15	Machine cleared but not taken on load due low schedule from SLDC
		20.1.16	15:15	01.02.16	19.15	M/c not available due to problem in diesel engine.
		01.02.16	19.15	31.03.16	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	30	02.03.15	17.45	04.04.15	16.40	Stopped due to low demand and high frequency
		04.04.15	20.12	15.04.15	11.08	
		16.04.15	00.55	21.04.15	11.32	
		27.04.15	15.00	06.05.15	10.46	
		12.05.15	18.50	21.05.15	15.57	
		22.05.15	00.20	23.05.15	09.48	
		23.05.15	17.20	31.05.15	17.46	
		31.05.15	18.33	12.06.15	13.05	
		13.06.15	14.40	15.06.15	23.59	Machine tripped on grid disturbance and further Stopped due to low demand and high frequency
		16.06.15	00.00	02.07.15	23.59	Stopped due to low demand and high frequency
		03.07.15	00.53	03.07.15	01.26	Heavy jerk observed in control room and macine tripped on electrical fault
		04.07.15	19.20	17.07.15	20.22	Stopped due to low demand and high frequency
		17.07.15	20.22	07.08.15	20.26	Machine not available due to damage of LV side y phase bushing of unit transformer
		08.08.15	04.00	13.08.15	23.05	Stopped due to low demand and high frequency
		14.08.15	06.12	11.01.16	23:59	
		12.01.16	00:00	29.01.16	14:00	Machine is under shutdown to carry out installation of 66 KV breaker.
		29.01.16	14:00	31.03.16	23:59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	30	04.04.15	16.00	04.04.15	19.15	Stopped due to low demand and high frequency
		15.04.15	15.26	16.04.15	00.10	
		22.05.15	15.40	22.05.15	18.50	Machine came on FSNL due to jerk
		31.05.15	12.40	06.06.15	15.22	Machine tripped on electrical trouble normal shutdown
		06.06.15	15.44	12.06.15	13.37	Stopped due to low demand and high frequency
		13.06.15	14.40	13.06.15	15.01	Machine came on FSNL due to jerk
		21.06.15	11.15	22.06.15	10.20	Stopped due to low demand and high frequency
		25.06.15	07.30	26.06.15	14.02	
		23.07.15	13.13	23.07.15	14.07	Machine tripped due to islanding from 220kV side PPS-1
		28.07.15	16.52	28.07.15	18.30	Tripped due to electrical trouble
		28.07.15	19.07	29.07.15	00.32	
		07.08.15	19.00	03.10.15	13.28	Stopped due to low demand and high frequency
		03.10.15	16.12	03.10.15	16.57	Machined tripped on exhaust temp high spread alarm
		07.10.15	01.20	09.10.15	04.29	Stopped due to low demand and high frequency
		05.11.15	02.14	07.01.16	05:19	
		07.01.16	11:59	08.01.16	08:50	
		08.01.16	12:00	10.01.16	15:30	Machine tripped on Electrical Trouable Normal shut down.
		10.01.16	15:30	28.01.16	01:00	machine taken on load but stopped by SLDC as there was no demand from beneficiary
		29.01.16	10:36	07.02.16	08.05	Stopped due to low demand and high frequency
		01.03.16	16.21	01.03.16	17.10	Heavy jerk with sound observed in Control room
		09.03.16	16.24	09.03.16	16.30	Machine tripped due to heavy jerk
		13.03.16	16.02	13.03.16	16.13	Machine tripped due to heavy jerk
		14.03.13	18.43	14.03.13	19.15	Tripped on Exhaust over temperature.
		14.03.16	19.15	14.03.16	23.59	machine not taken on load due to less schedule from SLDC

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
6	30	26.04.15	09.00	27.04.15	14.02	Stopped due to low demand and high frequency
		11.05.15	08.17	11.05.15	11.25	
		22.05.15	15.40	22.05.15	15.58	Machine came on FSNL due to jerk
		13.06.15	14.40	13.06.15	15.05	machine came on FSNL due to grid disturbance
		02.07.15	11.16	04.07.15	18.10	Stopped due to oil leakage in GT-6
		06.07.15	19.26	07.07.15	16.00	Stopped due to low demand and high frequency
		07.07.15	16.00	10.07.15	23.00	Stopped due to oil leakage in GT
		10.07.15	23.00	13.07.15	10.22	Stopped due to low demand and high frequency
		14.07.15	03.50	14.07.15	04.06	Machine came on FSNL due to tripping of 20MVA Tr.
		17.07.15	08.20	17.07.15	08.25	
		23.07.15	13.13	23.07.15	14.12	Machine tripped due to islanding of 220side PPS-I
		07.08.15	19.00	02.9.15	17:52	Stopped due to low demand and high frequency
		09.9.15	11:42	09.9.15	12:36	Machine tripped as both 160 MVA Transformer I&II tripped
		13.9.15	12:50	13.9.15	13:33	Machine tripped as both 160 MVA Transformer I&II tripped
		17.9.15	09:42	17.9.15	09:58	Machine came on FSNL as the 66 KV beaker opened.
		19.9.15	05:25	19.9.15	05:58	Bus differential relay on BB-3 & 4 operated, Unit came on FSNL.
		19.9.15	18:28	19.9.15	18:32	Bus differential relay on BB-3 & 4 operated Unit came on FSNL.
		04.10.15	21.02	05.10.15	15.56	Stopped due to low demand and high frequency
		09.10.15	03.50	07.01.16	05.55	
		07.01.16	12:05	08.01.16	06:20	
		08.01.16	16:00	31.01.16	10:32	
		07.02.16	09.05	14.03.16	19.15	
		19.03.16	11.40	31.03.16	23.59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -1	**30**	19.11.14	21.35	12.05.15	23.00	Stopped due to low demand and high frequency
		19.05.15	17.15	19.05.15	18.00	Machine tripped on FJB vibeeration very high
		19.05.15	18.00	20.05.15	11.30	Stopped due to low demand and high frequency
		20.05.15	11.30	09.06.15	23.59	Machine is N/A due to fire in cable
		10.06.15	00.00	12.06.15	23.59	Stopped due to low demand and high frequency
		12.06.15	22.39	13.06.15	12.00	Machine could not be taken on load due to problem in vaccume
		13.06.15	12.00	20.06.15	17.30	Stopped due to low demand and high frequency
		20.06.15	17.30	22.06.15	12.00	Machine not available due to vaccum problem
		22.06.15	12.00	24.06.15	12.30	Stopped due to low demand and high frequency
		24.06.15	12.30	30.06.15	13.00	Machine could not be available due to problem in GT-1
		30.06.15	13.00	03.08.15	16.32	Stopped due to low demand and high frequency
		03.08.15	17.15	07.08.15	23.59	
		09.08.15	07.15	09.08.15	15.55	Machine stopped due to generator temperature very high
		12.08.15	10.20	14.08.15	09.15	Stopped due to low demand and high frequency
		15.08.15	11.53	15.08.15	15.04	Machine tripped due to tgripping of GT
		01.09.15	16.12	01.09.15	17.19	Machine tripped due to grid disturbance
		02.09.15	19.50	19.10.15	15.00	Stopped due to low demand and high frequency
		19.10.15	15.00	30.10.15	12.30	Machined stopped due to combustion inspection of GT -1
		30.10.15	12.30	5.11.15	02:12	Stopped due to low demand and high frequency
		08.11.15	11:22	8.11.15	12:56	Signal Isolator for driving I/H Converter failed.Machine tripped on Trip Oil Pressure very low.
		27.11.15	14:52	27.11.15	18:10	machine stopped manually as GT#1 tripped.
		30.11.15	05:50	30.11.15	09:35	machine stopped manually as GT#1 tripped.
		12.12.15	06:20	12.12.15	07:45	Machine tripped due to failure of auxiliary supplu as 160 MVA ICT Transformer 1&2 tripped.
		14.12.15	01:02	14.12.15	15:56	Stopped due to low demand and high frequency
		16.12.15	00:00	16.12.15	17:27	
		29.12.15	19:20	29.12.15	20:50	Drum level parameter freezed due to failue of BK Card and machine tripped on main Steam temperature low alam.
		13.01.16	10:55	13.01.16	11:40	Machine tripped on Turbine Ch-I & II. UPS supply failed and other parameters were normal.
		18.01.16	03:47	18.01.16	05:58	Machine tripped due to heavy jerk as Geeta colony-Wazirabad line tripped.
		19.01.16	01:30	19.01.16	05:40	Machine tripped due to heavy jerk as Patpar Ganj line tripped.
		24.01.16	05:48	24.01.16	08:13	
		27.01.16	22:13	28.01.16	12:00	Machine tripped due to heavy jerk observed in system and m/c tripped on Generator stator earth fault.
		28.01.16	12:00	19.03.16	17.33	M/c cleared from maintainence side but not taken on load due to low schedule from SLDC.
		23.03.16	13.54	23.03.16	15.45	Machine tripped on Trip oil pressure very low alarm.
		26.03.16	15.59	26.03.16	17.36	Machine tripped as heavy jerk observed in Control room and 160 MVA Tr-i& II tripped at 220 KV end due to tripping of Geeta Colony to Wazirabad ckt.
		30.03.16	13.52	30.03.16	17.41	Machine tripped as heavy jerk observed in Control room and 160 MVA Tr-i& II tripped at 220 KV end due to tripping of Geeta Colony to Wazirabad ckt.
		31.03.16	16.21	31.03.16	16.57	Machine tripped on Trip oil pressure very low alarm.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -2	**30**	02.03.15	12.40	04.04.15	15.59	Stopped due to low demand and high frequency
		04.04.15	16.05	04.04.15	17.38	
		04.04.15	18.10	15.04.15	15.20	
		16.04.15	00.55	21.04.15	14.57	
		27.04.15	15.00	06.05.15	13.32	
		12.05.15	11.18	12.05.15	12.11	Machine tripped on reverse power operation
		12.05.15	12.30	22.05.15	14.55	Machine tripped on axial shift very high
		22.05.15	15.40	22.05.15	16.48	Machine tripped due to jerk
		23.05.15	14.00	12.06.15	17.56	Machine tripped on axile shift very high
		13.06.15	14.40	13.06.15	23.59	Machine tripped on grid disturbance and further Stopped due to low demand and high frequency
		14.06.15	00.00	02.07.15	13.15	Stopped due to low demand and high frequency
		02.07.15	13.15	02.07.15	22.58	Stopped due to diaphragm breakup
		03.07.15	00.53	03.07.15	02.42	Machine tripped as GT-4 tripped due to loss of exciation
		04.07.15	19.20	08.08.15	02.18	Stopped due to low demand and high frequency
		08.08.15	02.18	12.08.15	09.47	Machine tried to synchronise but tripped on generator stator earth fault
		13.08.15	20.52	13.08.15	23.59	Stopped due to low demand and high frequency
		14.08.15	00.00	14.08.15	12.30	Machine could not be taken on load due to heavy vibration in turbine
		14.08.15	12.30	20.1.16	15:15	Stopped due to low demand and high frequency
		20.1.16	15:15	29.1.16	14:00	Both GT-3 & 4 are not available.
		29.1.16	14:00	31.03.16	23:59	M/c cleared from maintainence side but not taken on load due to low schedule from SLDC.

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -3	30	08.05.15	04.55	08.05.15	08.15	Machine tripped due to generator back up impendance relay
		22.05.15	15.40	22.05.15	19.05	Machine tripped due to jerk
		13.06.15	14.40	13.06.15	16.50	Machine tripped due to grid disturbance and further Stopped due to low demand and high frequency
		21.06.15	11.15	22.06.15	11.05	Stopped due to low demand and high frequency
		24.06.15	01.46	24.06.15	03.05	Machine tripped due to tripping of 20MVA tr.
		25.06.15	07.30	26.06.15	14.58	Stopped due to low demand and high frequency
		04.07.15	12.20	04.07.15	15.30	machine tripped due to durm level high
		10.07.15	21.10	07.07.15	22.25	Heavy jerk observed in control room and machine tripped
		14.07.15	03.50	10.07.15	05.52	Machine tripped on sudden jerk observed in ontrol room
		17.07.15	08.20	14.07.15	09.36	Machine tripped on sudden jerk observed in control room
		23.07.15	13.13	17.07.15	17.15	machine tripped due to islanding from 220side PPS-1
		01.08.15	07.27	23.07.15	16.30	Machine triped on false alarm of boiler trip
		01.08.15	16.30	01.08.15	17.18	HRSG #6 made parallel with HRSG-5
		02.08.15	01.47	02.08.15	04.25	machine tripped on false alarm of inlet steam temp low
		02.08.15	04.25	02.08.15	04.40	HRSG-5 made parallel with HRSG -6
		05.08.15	11.10	05.08.15	13.23	Machine tripped on low vaccum
		06.08.15	18.02	07.08.15	01.40	Machine tripped on heavy jerk
		07.08.15	17.15	15.08.15	23.59	Machine tripped as the turbovisiory monitor trip with flash
		16.08.15	00.00	22.08.15	16.45	Stopped due to low demand and high frequency
		22.08.15	16.45	30.08.15	16.00	Stopped to attend smoke from bearing no -1 and control valve
		30.08.15	16.00	02.09.15	19.44	Stopped due to low demand and high frequency
		09.09.15	11.42	09.09.15	13.58	Machine tripped as both 160 MVA Transformer I&II tripped
		09.09.15	16.47	09.09.15	17.40	Machine tripped on Exhaust steam pressure very high.
		13.09.15	12.50	13.09.15	14.10	Machine tripped as both 160 MVA Transformer I&II tripped
		17.09.15	09.42	17.09.15	10.35	Machine tripped manually as the GT#6 came on FSNL
		19.09.15	05.25	19.09.15	05.58	Machine tripped as the GT#6 came on FSNL
		22.09.15	16.17	22.09.15	17.04	Machine tripped as the GT#6 came on FSNL
		09.10.15	03.50	09.10.15	05.20	Machine tripped due to tripping of GT
		03.11.15	02:01	03.11.15	02:55	Machine tripped due to heavy jerk as 11 KV feeder from GT to Sen Nursing Home nallah tripped.
		05.11.15	02:14	07.01.16	08:15	Stopped due to low demand and high frequency
		07.01.16	12:05	08.01.16	08:31	
		08.01.16	12:00	08.01.16	13:45	Machine tripped due to Exhaust Steam pressure very high.
		08.01.16	16:00	28.01.16	03:40	Stopped due to low demand and high frequency
		29.01.16	09:42	29.01.16	11:32	Machine stopped to attend drum level of HRSG#5.
		08.02.16	14.56	08.02.16	15.31	M/c tripped due to control oil press. very low.
		19.02.16	17.36	19.02.16	18.30	M/c tripped on Drum level very high alarm as feed control valve FD-7 malfunctioned.
		01.03.16	16.21	01.03.16	18.17	Machine tripped as both 160 MVA Tr-I & II tripped at 220 KV end.
		09.03.16	16.24	09.03.16	17.18	Machine tripped as both 160 MVA Tr-I & II tripped at 220 KV end.
		13.03.16	16.02	13.03.16	17.12	Machine tripped as both 160 MVA Tr-I & II tripped at 220 KV end.
		14.03.16	18.43	14.03.16	20.37	Machine tripped as GT#5 tripped
		19.03.16	11.40	19.03.16	18.15	machine stopped manually due to smoke from BB-1 turbine.
		19.03.16	18.15	31.03.16	23.59	machine not taken on load due to less schedule from SLDC

(C) PRAGATI

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	19.04.15	11.00	20.04.15	05.54	Stopped due to low demand and high frequency
		06.05.15	09.13	06.05.15	12.22	Stopped by DTL to attend hot spot
		10.05.15	07.21	10.05.15	17.13	Stopped due to low demand and high frequency
		28.05.15	04.37	28.05.15	08.37	Unit tripped due to grid disturbance
		06.05.15	09.13	06.05.15	12.22	Unit stopped as desired by DTL to attend hot spot
		10.05.15	07.21	10.05.15	17.13	Stopped due to low demand and high frequency
		28.05.15	04.37	28.05.15	08.37	Unit tripped due to grid disturbance
		18.09.15	14.57	18.09.15	16.26	Unit tripped on internal fault
		19.09.15	15.24	19.09.15	18.42	
		20.09.15	13.08	20.09.15	15.20	
		26.09.15	18.07	26.09.15	19.52	Unit tripped due to grid disturbance
		12.10.15	22.06	13.10.15	00.31	Unit tripped due to bus -1 dead
		13.10.15	12.58	13.10.15	13.55	
		07.11.15	10.55	07.11.15	20.53	GT-1 stopped after swaping of GT-2 for testing
		21.11.15	15.25	21.11.15	16.21	GT-1 tripped due to bus ï I died
		08.01.16	04.46	08.01.16	05.15	Unit tripped on grid disturbance
		08.01.16	09.37	08.01.16	11.13	Unit tripped on grid disturbance
		10.01.16	09.19	10.01.16	18.00	Unit stopped to change inlet air filters
		10.01.16	18.00	11.01.16	06.23	Stopped due to low demand and high frequency
		12.01.16	18.27	19.01.16	11.17	
		24.01.16	23.18	27.01.16	10.00	
		27.01.16	10000	28.01.16	16.00	Unit was unavailable as it was under pre-outage performance testing by OEM. Outage continued due to non scheduling
		28.01.16	16.00	30.01.16	06.24	Stopped due to low demand and high frequency
		03.03.16	00.00	28.03.16	07.11	
		28.03.16	16.31	31.03.16	23.59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	104	01.04.15	00.00	19.04.15	07.47	Stopped due to low demand and high frequency
		24.04.15	15.09	24.04.15	16.31	Unit tripped on internal fault
		16.05.15	00.00	18.05.15	08.44	Stopped due to low demand and high frequency
		20.05.15	04.01	20.05.15	10.05	
		16.05.15	00.00	18.05.15	08.44	
		20.05.15	04.01	20.05.15	10.05	
		01.09.15	16.06	01.09.15	16.24	Unit tripped due to bus ï II tripped
		09.09.15	11.43	09.09.15	11.59	Unit tripped due to bus ï II tripped
		13.09.15	12.53	13.09.15	13.33	Unit tripped on grid disturbance
		22.09.15	17.00	07.11.15	09.35	Stopped due to low demand and high frequency
		07.11.15	21.52	07.01.16	04.44	
		08.01.16	16.38	10.01.16	07.59	
		19.01.16	12.38	22.01.16	11.59	
		22.01.16	15.58	24.01.16	21.11	
		30.01.16	14.45	06.02.16	24.00	
		07.02.16	00.00	24.03.16	17.08	Stopped for overhauling of unit
		24.03.16	17.16	26.03.16	15.15	Stopped due to low demand and high frequency
		26.03.16	15.15	26.03.16	20.00	Machine was unavailable due to testing
		26.03.16	20.00	31.03.16	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	122	06.05.15	05.13	06.05.15	09.05	Stopped by DTL to attend hot spot
		10.05.15	16.48	10.05.15	18.42	Stopped due to low demand and high frequency
		28.05.15	04.37	28.05.15	07.26	Unit tripped due to grid disturbance
		06.05.15	05.13	06.05.15	09.05	Unit stopped by DTL to attend hot spot
		10.05.15	16.48	10.05.15	18.42	Stopped due to low demand and high frequency
		28.05.15	04.37	28.05.15	07.26	Unit tripped due to grid disturbance
		26.09.15	18.07	26.09.15	21.31	
		12.10.15	22.06	13.10.15	02.45	
		13.10.15	02.45	13.10.15	22.07	Stopped to attend internal fault
		20.10.15	04.16	21.10.15	17.40	
		21.11.15	15.16	21.11.15	18.44	STG tripped due to grid disturbance
		08.01.16	04.33	08.01.16	14.52	
		24.01.16	05.48	24.01.16	11.28	
		23.02.16	17.45	23.02.16	21.43	Unit stopped to attend internal fault
		03.03.16	00.00	31.03.16	23.59	Machine stopped for excitor sole plate replacement

(D) BADARPUR THERMAL POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	95	01.04.15	00.00	31.03.16	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	95	01.04.15	00.00	21.04.15	13.44	
		01.05.15	14.55	07.05.15	01.27	Stopped due to low demand and high frequency
		07.05.15	13.07	07.05.15	20.57	AVR & Excitation system
		11.05.15	13.57	05.08.15	23.59	
		06.08.15	00.00	23.09.15	04.41	
		24.09.15	19.52	31.03.16	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	95	01.04.15	00.00	01.04.15	16.00	Economizer tube leakage
		01.04.15	16.00	20.04.15	22.50	
		15.05.15	17.20	27.05.15	22.09	
		13.06.15	20.34	19.06.15	00.00	Stopped due to low demand and high frequency
		20.06.15	00.00	20.06.15	17.35	AVR & Excitaiton system problem
		20.06.15	08.16	04.07.15	20.41	
		17.07.15	20.52	23.07.15	06.28	Stopped due to low demand and high frequency
		29.07.15	12.59	29.07.15	14.59	Differential protection
		29.07.15	14.59	01.08.15	19.35	
		03.08.15	20.38	20.09.15	12.40	Stopped due to low demand and high frequency
		27.09.15	03.17	28.09.15	06.30	Gen. , auxiliaries and electrical system problem
		02.10.15	18.16	03.10.15	13.47	
		09.10.15	01.00	31.03.16	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	210	05.04.15	11.00	06.04.15	18.48	Water wall leakage
		10.05.15	00.34	10.05.15	06.45	AVR & Excitation system
		11.05.15	15.18	11.05.15	17.36	Human error vaccum low
		18.05.15	06.12	18.05.15	12.33	6.6kv breaker problem
		31.05.15	23.31	03.06.15	13.37	6.6kv breaker problem
		03.06.15	13.37	06.06.15	05.03	Stopped due to low demand and high frequency
		05.08.15	08.11	05.08.15	14.29	Stopped due to generation, auxillaires and electrical system problem
		10.09.15	13.53	13.09.15	02.49	Boiler and auxiliaries problem
		13.09.15	03.30	13.09.15	12.11	C&I System problem
		20.09.15	01.48	10.10.15	00.56	Out due to planned outages
		10.10.15	01.26	02.12.15	01.04	Stopped due to low demand and high frequency
		02.12.15	05.38	02.12.15	08.02	LT Breaker problem
		05.12.15	08.45	05.12.15	11.57	C & I Problem
		09.12.15	07.05	12.12.15	14.30	PA Fan B Motor problem
		12.12.15	14.30	31.03.16	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	210	01.04.15	00.00	10.05.15	21.04	Planned shutdown
		13.05.15	00.30	13.05.15	12.55	Human error durm level low
		26.05.15	06.47	26.05.15	11.04	Leakage in BFP a disch flow transmitter
		05.06.15	21.14	08.06.15	17.30	Super heater leakage
		08.06.15	17.30	09.06.15	01.40	Stopped due to low demand and high frequency
		01.08.15	13.56	03.08.15	13.40	Stopped due to boiler and auxillzaries
		04.10.15	19.37	04.10.15	23.20	C & I System
		12.10.15	22.05	13.10.15	01.28	Transmission lines / grid disturbance
		01.12.15	21.41	03.12.15	05.25	Water wall leakage
		03.12.15	05.25	09.12.15	06.28	Stopped due to low demand and high frequency
		24.01.16	11.23	25.01.16	00.43	G.T. Bushing replacement

(E) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	19.01.15	14.26	25.04.15	07.40	G.T.-I compressor stalled detected STG-I simultaneously tripped
		01.05.15	14.04	01.05.15	16.07	Unit tripped on customer trip alarm
		15.05.15	14.24	25.05.15	11.00	Stopped due to low demand and high frequency
		25.05.15	11.00	04.06.15	18.15	Bushing change of G.T.-1 transformer
		04.06.15	18.15	16.06.15	11.29	Stopped due to low demand and high frequency
		22.06.15	15.30	22.06.15	21.00	Unit tripped on pole discripency relay
		22.06.15	21.00	14.07.15	03.10	Stopped due to low demand and high frequency
		16.07.15	02.18	31.03.16	23.59	Machine tripped due to compressor stalling alarm

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	216	13.04.15	16.18	13.04.15	17.48	**Tripping of 2DA emergency section bus coupler, resultend GT-2 tripped on low lube oil pressure**
		25.04.15	23.17	15.05.15	06.50	Stopped due to low demand and high frequency
		30.05.15	19.04	09.06.15	09.00	
		09.06.15	09.00	21.06.15	11.00	Unit taken under CI
		21.06.15	11.00	22.06.15	16.37	
		11.07.15	15.12	16.07.15	06.14	
		19.07.15	10.22	17.09.15	00.42	
		29.09.15	00.55	30.09.15	01.42	
		03.10.15	00.12	06.10.15	14.42	
		29.10.15	00.54	31.10.15	01.42	Stopped due to low demand and high frequency
		07.11.15	09.47	07.11.15	24.00	Due to ambient conditions DP started icreasing and machine desynch
		08.11.15	00.00	08.01.16	11.50	Stopped due to low demand and high frequency
		26.01.16	00.00	27.01.16	00.57	
		01.02.16	00.00	29.02.16	23.59	
		01.03.16	13.18	01.03.16	16.22	Machine tripped on closure of auxiliary stop valve due to gas pressure P 2 reduced & turbime tripped on high exhaust temp. spread.
		05.03.16	21.14	07.01.16	02.03	Stopped due to low demand and high frequency
		24.03.16	00.00	31.03.16	23.59	

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-1	254	13.04.15	16.18	13.04.15	19.16	Unit stopped due to tripping of G.T. -2
		20.04.15	13.32	20.04.15	15.31	Unit tripped due to PDMX appeared on GRP panel
		01.05.15	14.10	01.05.15	17.29	Machine stopped due to G.T.-1 tripped
		02.05.15	16.29	02.05.15	22.34	Unit tripped on HP exhaust steam temperature very high
		30.05.15	19.10	04.06.15	18.00	Stopped due to low demand and high frequency
		04.06.15	18.00	14.06.15	22.00	STG-1 for bu;shing change
		14.06.15	22.00	16.06.15	20.27	Stopped due to low demand and high frequency
		22.06.15	15.38	22.06.15	20.12	STG tripped due to tripping of Unit ï I
		01.07.15	20.56	01.07.15	21.50	STG -1 tripped because of shaft voltage high
		11.07.15	15.15	14.07.15	06.55	Stopped due to low demand and high frequency
		16.07.15	02.18	16.07.15	10.59	Tripped subcequent to GT-1 and then synch with GT-2
		16.07.15	10.28	17.09.15	09.07	Stopped due to low demand and high frequency
		29.09.15	00.55	30.09.15	07.53	
		03.10.15	00.12	06.10.15	21.50	
		29.10.15	00.55	31.10.15	07.53	
		07.11.15	09.48	07.11.15	24.00	G.T.-2 DP increased subsequently machine desynchronized
		08.11.15	00.00	08.01.16	11.50	Stopped due to low demand and high frequency
		08.01.16	11.50	08.01.16	22.59	
		26.01.16	00.05	27.01.16	06.50	
		27.01.16	06.50	29.02.16	23.59	
		01.03.16	13:25	01.03.16	17:22	Machine tripped manually due to HRSG trip condition not fulfilled.
		03.03.16	16:03	03.03.16	18:53	Machine tripped due to oil leakage from inlet supply line of IPCV - 1.
		05.03.16	21:18	07.03.16	06:25	Stopped due to low demand and high frequency
		12.03.16	13:28	12.03.16	15:08	Unit tripped on generator roter earth fault relay on GRP-1,GRP-2 & GRP-3.
		12.03.16	17:21	12.03.16	23:14	Unit tripped on generator roter earth fault relay on GRP-1 & GRP-3.
		24.03.16	00:00	27.03.16	23.59	Stopped due to low demand and high frequency
		28.03.16	00.00	31.03.16	23.59	Planned Shut down.

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	216	24.03.15	04.47	01.09.15	10.00	Tripped due to G.T. -3 generator transformer engulfed in fire with huge blast
		01.09.15	10.00	31.10.15	23.59	
		01.11.15	00.00	09.11.15	01.25	Stopped due to low demand and high frequency
		09.11.15	06.42	09.11.15	09.59	G.T.-3 performance heater leakage
		18.11.15	18.27	18.11.15	21.26	LA damage in DTL 220kV Bawana- DSIDC Bawana Ckt.
		28.11.15	18.23	08.01.16	09.14	Stopped due to low demand and high frequency
		08.01.16	11.20	08.01.16	23.15	
		08.01.16	23.15	31.03.16	23.59	

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	216	01.04.15	00.00	05.05.15	17.00	Stopped due to low demand and high frequency
		05.05.15	17.00	19.05.15	21.00	Bushing change of G.T.-4 Transformer
		19.05.15	21.00	30.05.15	19.04	Stopped due to low demand and high frequency
		14.06.15	02.00	13.07.15	14.42	
		17.07.15	00.23	15.07.15	11.15	GT-4 exhaust spread high
		15.07.15	11.15	22.07.15	12.04	
		25.07.15	21.49	04.09.15	00.03	Stopped due to low demand and high frequency
		16.09.15	19.38	25.09.15	24.00	Unit tripped due to the cold gas temp high
		26.09.15	00.00	30.11.15	23.59	Stopped due to low demand and high frequency
		16.12.15	20.23	16.12.15	22.54	Tripped due to internal fault
		08.01.16	01.47	08.01.16	23.15	
		08.01.16	23.15	31.03.16	23.59	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-2	254	01.04.15	00.00	05.05.15	17.00	Stopped due to low demand and high frequency
		19.05.15	21.00	30.05.15	19.04	
		03.06.15	18.26	03.06.15	20.33	STG-2 tripped due to CW Problem
		14.06.15	02.00	14.07.15	00.03	Stopped due to low demand and high frequency
		14.07.15	00.23	15.07.15	11.15	Tripped subsequent to GT-4
		15.07.15	11.15	22.07.15	20.23	Stopped due to low demand and high frequency
		25.07.15	20.38	25.07.15	21.38	STG -2 tripped
		25.07.15	21.49	04.09.15	07.20	Stopped due to low demand and high frequency
		16.09.15	19.38	24.09.15	24.00	Unit tripped as GT-4 tripped due to the cold gas temp high
		26.09.15	00.00	09.11.15	14.29	Stopped due to low demand and high frequency
		18.11.15	18.32	18.11.15	23.50	Unit tripped due to tripping of G.T.-3
		15.12.15	19.15	16.12.15	00.18	STG -2 tripped on internal fault
		16.12.15	20.23	17.12.15	02.04	GT-4 tripped subsequently STG-2 tripped
		17.12.15	03.36	17.12.15	11.33	STG -2 tripped on internal fault
		08.01.16	11.20	08.01.16	23.15	
		08.01.16	23.15	27.03.16	23.59	Stopped due to low demand and high frequency
		28.03.16	00.00	31.03.16	23.59	Planned shutdown

(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	31.03.16	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	31.03.16	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	31.03.16	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 01.04.2015

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	576	500	0	0	500
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**	**2126**	**1860**	**0**	**0**	**1860**
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**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**17627**	**1990**	**2992**	**2674**	**0**	**0**	**2674**
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	0	0	0	0	0
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	**29047**	**2257**	**3698**	**3275**	**0**	**0**	**3275**

B) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 01.07.2015

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	576	500	0	0	500
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**	**2126**	**1860**	**0**	**0**	**1860**
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**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**17627**	**1990**	**2992**	**2674**	**0**	**0**	**2674**
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	304	273	0	0	273
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	**29047**	**2257**	**4002**	**3548**	**0**	**0**	**3548**

C) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 18.07.2015

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	136	0	0	136
Rihand-I	1000	150	100	91	0	0	91
Rihand Stage -II	1000	150	126	114	0	0	114
Rihand Stage -III	1000	150	132	119	0	0	119
ANTA GPS	419	63	44	43	0	0	43
Auriya GPS	663.36	99	72	70	0	0	70
Dadri GPS	829.78	129	91	88	0	0	88
Dadri NCTPS (Th)	840	0	576	521	0	0	521
Dadri NCTPS (Th) Stage-II	980	147	735	665	0	0	665
Unchahaar-I TPS	420	20	24	22	0	0	22
Unchahaar-II TPS	420	63	47	43	0	0	43
Unchahaar-III TPS	210	31	29	26	0	0	26
TOTAL	**9782**	**1302**	**2126**	**1937**	**0**	**0**	**1937**
NHPC							
Baira Suil HPS	180	0	20	20	0	0	20
Salal HPS	690	0	80	79	0	0	79
Tanakpur HEP	94	0	12	12	0	0	12
Chamera HEP	540	0	43	42	0	0	42
Chamera-II HEP	300	54	40	40	0	0	40
Chamera-III HEP	231	35	29	29	0	0	29
URI-I HEP	480	0	53	52	0	0	52
URI-II HEP	240	0	32	32	0	0	32
Sewa HEP	120	18	16	16	0	0	16
Dhauli Ganga HEP	280	42	37	37	0	0	37
Dulhasti HEP	390	58	50	50	0	0	50
Parbati-III HEP	520	66	66	66	0	0	66
TOTAL	**4065**	**272**	**479**	**474**	**0**	**0**	**474**
NPC							
Narora APS	440	64	47	43	0	0	43
RAPP (C)	440	64	56	51	0	0	51
TOTAL	**880**	**128**	**103**	**93**	**0**	**0**	**93**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	141	0	0	141
THDC							
Tehri Hydro	1000	99	103	102	0	0	102
Koteshwar HEP	400	40	39	39	0	0	39
TOTAL	**1400**	**139**	**142**	**141**	**0**	**0**	**141**
Total	**17627**	**1990**	**2992**	**2786**	**0**	**0**	**2786**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	20	0	0	20
Kahalgaon	840	0	51	46	0	0	46
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	27	0	0	27
Kahalgaon-II	1500	0	157	142	0	0	142
Total ER	**5960**	**153**	**261**	**236**	**0**	**0**	**236**
Joint Venture							
Jhajjar TPS	1500	114	304	284	0	0	284
Ultra Mega Projects							
Sasan	3960	0	446	417	0	0	417
Grand Total	**29047**	**2257**	**4002**	**3723**	**0**	**0**	**3723**

D) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 01.09.2015

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
Koldam HEP	800	120	56	53	0	0	53
TOTAL	**10582**	**1422**	**2362**	**2069**	**0**	**0**	**2069**
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**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**18427**	**2110**	**3228**	**2884**	**0**	**0**	**2884**
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	304	273	0	0	273
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	**29847**	**2377**	**4238**	**3757**	**0**	**0**	**3757**

E) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 01.10.2015

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
Koldam HEP	800	120	56	53	0	0	53
TOTAL	**10582**	**1422**	**2362**	**2069**	**0**	**0**	**2069**
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**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**18427**	**2110**	**3228**	**2884**	**0**	**0**	**2884**
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	0	0	0	0	0
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	**29847**	**2377**	**3934**	**3484**	**0**	**0**	**3484**

F) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 16.10.2015 & 19.11.2015

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
Koldam HEP	800	120	56	53	0	0	53
TOTAL	**10582**	**1422**	**2362**	**2069**	**0**	**0**	**2069**
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**
SVJNL							
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	**18427**	**2110**	**3188**	**2846**	**0**	**0**	**2846**
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	0	0	0	0	0
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	**29847**	**2377**	**3894**	**3446**	**0**	**0**	**3446**

G) Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota from 01.03.2016

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
Koldam HEP	800	120	56	53	0	0	53
TOTAL	**10582**	**1422**	**2362**	**2069**	**0**	**0**	**2069**
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**
SVJNL							
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	**18427**	**2110**	**3188**	**2846**	**0**	**0**	**2846**
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	319	286	0	0	286
Ultra Mega Projects							
Sasan	3960	0	446	383	0	0	383
Grand Total	**29847**	**2377**	**4213**	**3733**	**0**	**0**	**3733**

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 MARCH 2016

All figures in MW

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	Towmcl	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	10:30:00	0	39	144	0	249	16	165	613	2612	2568	44	3225	0	3225
2	10.17.33	0	35	143	0	252	16	165	611	2690	2671	19	3301	0	3301
3	18.45.28	0	37	0	0	52	15	165	269	3002	2826	176	3271	0	3271
4	10.45.45	0	34	0	0	251	16	165	466	2911	2707	204	3377	0	3377
5	10.00.48	0	36	0	0	255	16	165	472	2695	2678	17	3167	0	3167
6	11.00.00	0	33	0	0	-2	15	165	211	2644	2649	-5	2855	0	2855
7	10.12.28	0	35	0	0	254	16	168	473	2953	2675	278	3426	0	3426
8	10.45.41	0	36	0	0	258	16	165	475	2781	2768	13	3256	0	3256
9	10.22.00	0	36	0	0	252	16	167	471	2915	2815	100	3386	23	3409
10	10.47.28	0	35	0	0	253	16	167	471	2875	2728	147	3346	0	3346
11	10.30.00	0	35	0	0	259	16	165	475	2957	2833	124	3432	0	3432
12	11.00.00	0	34	0	0	255	16	165	470	2650	2633	17	3120	0	3120
13	10.56.00	0	35	0	0	252	16	167	470	2531	2485	46	3001	0	3001
14	11.26.24	0	38	0	0	255	16	161	470	2711	2585	126	3181	0	3181
15	10.32.02	0	41	0	0	257	16	161	475	2908	2780	128	3383	0	3383
16	11.03.36	0	41	0	0	256	12	161	470	2845	2672	173	3315	0	3315
17	11.30.00	0	40	0	0	253	10	161	464	2729	2651	78	3193	0	3193
18	10.57.00	0	40	0	0	253	10	161	464	2945	2840	105	3409	0	3409
19	10.59.00	0	40	0	0	255	9	161	465	2832	2652	180	3297	0	3297
20	10.51.55	0	37	0	0	254	14	165	470	2580	2589	-9	3050	0	3050
21	10.54.42	0	36	0	0	255	16	161	468	2974	2845	129	3442	0	3442
22	10.01.18	0	36	0	0	255	16	161	468	2763	2692	71	3231	3	3234
23	10.00.43	0	37	0	0	256	15	161	469	2774	2727	47	3243	0	3243
24	19.35.48	0	36	-1	0	-4	15	161	207	2222	2177	45	2429	0	2429
25	19.30.00	0	34	-1	0	-4	16	164	209	2765	2627	138	2974	0	2974
26	19.00.00	0	37	0	0	-4	16	162	211	2817	2714	103	3028	0	3028
27	19.10.28	0	37	-1	0	-3	16	162	211	2781	2799	-18	2992	0	2992
28	19.22.48	0	37	-2	0	-3	16	162	210	3062	3007	55	3272	0	3272
29	10.43.46	0	36	-1	0	-4	15	161	207	3193	3036	157	3400	0	3400
30	19.30.00	0	39	-2	0	-2	12	161	208	3290	3132	158	3498	0	3498
31	19.21.00	0	39	-2	0	-2	11	161	207	3410	3315	95	3617	1	3618

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING MARCH 2016

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	Towmcl	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	10:30:00	0	39	144	0	249	16	165	613	2612	2568	44	3225	0	3225
2	10.17.33	0	35	143	0	252	16	165	611	2690	2671	19	3301	0	3301
3	18.45.28	0	37	0	0	52	15	165	269	3002	2826	176	3271	0	3271
4	10.45.45	0	34	0	0	251	16	165	466	2911	2707	204	3377	0	3377
5	10.00.48	0	36	0	0	255	16	165	472	2695	2678	17	3167	0	3167
6	11.00.00	0	33	0	0	-2	15	165	211	2644	2649	-5	2855	0	2855
7	10.12.28	0	35	0	0	254	16	168	473	2953	2675	278	3426	0	3426
8	10.45.41	0	36	0	0	258	16	165	475	2781	2768	13	3256	0	3256
9	10.22.00	0	36	0	0	252	16	167	471	2915	2815	100	3386	23	3409
10	10.47.28	0	35	0	0	253	16	167	471	2875	2728	147	3346	0	3346
11	10.30.00	0	35	0	0	259	16	165	475	2957	2833	124	3432	0	3432
12	11.00.00	0	34	0	0	255	16	165	470	2650	2633	17	3120	0	3120
13	10.56.00	0	35	0	0	252	16	167	470	2531	2485	46	3001	0	3001
14	11.26.24	0	38	0	0	255	16	161	470	2711	2585	126	3181	0	3181
15	10.32.02	0	41	0	0	257	16	161	475	2908	2780	128	3383	0	3383
16	11.03.36	0	41	0	0	256	12	161	470	2845	2672	173	3315	0	3315
17	11.30.00	0	40	0	0	253	10	161	464	2729	2651	78	3193	0	3193
18	10.57.00	0	40	0	0	253	10	161	464	2945	2840	105	3409	0	3409
19	10.59.00	0	40	0	0	255	9	161	465	2832	2652	180	3297	0	3297
20	10.51.55	0	37	0	0	254	14	165	470	2580	2589	-9	3050	0	3050
21	10.54.42	0	36	0	0	255	16	161	468	2974	2845	129	3442	0	3442
22	10.01.18	0	36	0	0	255	16	161	468	2763	2692	71	3231	3	3234
23	10.00.43	0	37	0	0	256	15	161	469	2774	2727	47	3243	0	3243
24	19.35.48	0	36	-1	0	-4	15	161	207	2222	2177	45	2429	0	2429
25	19.30.00	0	34	-1	0	-4	16	164	209	2765	2627	138	2974	0	2974
26	19.00.00	0	37	0	0	-4	16	162	211	2817	2714	103	3028	0	3028
27	19.10.28	0	37	-1	0	-3	16	162	211	2781	2799	-18	2992	0	2992
28	19.22.48	0	37	-2	0	-3	16	162	210	3062	3007	55	3272	0	3272
29	10.43.46	0	36	-1	0	-4	15	161	207	3193	3036	157	3400	0	3400
30	19.30.00	0	39	-2	0	-2	12	161	208	3290	3132	158	3498	0	3498
31	19.21.00	0	39	-2	0	-2	11	161	207	3410	3315	95	3617	1	3618

8 SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR MARCH 2016

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

A (i) RPH	0.000
(ii) GT+STG	29.021
(iii) PRAGATI	7.326
(iv) RITHALA	0.000
(v) BAWANA CCGT	131.663
(vi) Timarpur ï Okhla	13.767
TOTAL	181.777
B) AVAILABILITY FROM BTPS	117.006
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	9.745
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**289.038**

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	7.642	7.390	5.701	5.513
SALAL	24.446	23.637	18.237	17.633
SASAN	303.111	293.053	303.040	292.982
TANKAPUR	0.645	0.624	0.481	0.465
CHAMERA	9.203	8.897	6.865	6.637
CHAMERA -II	7.858	7.600	5.862	5.669
CHAMERA -III	4.122	3.986	3.056	2.956
DHAULIGANGA	2.880	2.785	2.148	2.077
SEWA -2	8.203	7.932	6.121	5.919
URI	32.424	31.350	24.189	23.388
URI-II	20.490	19.810	15.284	14.778
KOLDAM	0.000	0.000	0.000	0.000
KOTESHWAR	8.656	8.368	8.656	8.368
PARBATI3	2.034	1.967	1.517	1.467
RAMPUR	0.000	0.000	0.000	0.000
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	4.604	4.460	1.917	1.857
ANTA (RLNG)	26.181	25.299	0.000	0.000
ANTA (LIQUID)	0.000	0.000	0.000	0.000
DADRI (GAS)	32.816	31.723	10.823	10.463
DADRI (RLNG)	29.694	28.718	0.000	0.000
DADRI (LIQUID)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	10.981	10.605	2.809	2.714
AURAIYA (RLNG)	33.894	32.786	0.000	0.000
AURAIYA (LIQUID)	0.000	0.000	0.000	0.000
SINGRAULI	98.430	95.148	95.068	91.899
RIHAND -I	59.575	57.591	49.174	47.540
RIHAND -II	89.408	86.441	80.540	77.871
RIHAND -III	93.610	90.503	88.445	85.512
UNCHAHAR-I	15.069	14.568	9.826	9.501
UNCHAHAR-II	32.965	31.870	23.683	22.899
UNCHAHAR-III	20.548	19.865	14.654	14.170
DADRI (TH)	545.531	527.429	228.147	220.611
DADRI (TH) STAGE-II	501.758	484.992	365.937	353.711
NAPP	32.275	31.204	32.224	31.155
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	39.651	38.335	39.651	38.335
NATHPA JHAKRI	20.222	19.551	15.086	14.585
DULASTI	12.874	12.450	9.604	9.288
TEHRI	11.959	11.561	11.959	11.561
JHAJJAR	150.333	145.345	27.459	26.551

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
KHELGAON	27.743	26.821	21.534	20.821
KHELGAON-II	108.518	104.925	90.942	87.940
FARAKA	7.753	7.501	6.578	6.364
TALA	0.998	0.965	0.998	0.965
TALCHER	0.000	0.000	0.000	0.000
DVC	225.004	222.513	222.513	215.169
UTTAR PRADESH	0.000	0.000	0.000	0.000
TRIPUA	0.000	0.000	0.000	0.000
MEGHALAYA	0.000	0.000	0.000	0.000
ASSAM	0.000	0.000	0.000	0.000
DVC CTPS (BYPL)	0.000	0.000	0.000	0.000
DVC CTPS (NDPL)	0.000	0.000	0.000	0.000
METHON POWER(NDPL)LT-06	182.876	180.856	180.856	174.869
DVC MEJIA (LT-08)(BYPL)	33.202	32.787	32.787	31.712
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	1.292	1.278	1.278	1.238
HIMACHAL PRADESH	0.131	0.128	0.128	0.123
PUNJAB	0.000	0.000	0.000	0.000
MADHYA PRADESH	0.000	0.000	0.000	0.000
CHATTISHGARH	0.000	0.000	0.000	0.000
DVC LT-9	0.000	0.000	0.000	0.000
HARYANA (LT-05)	1.773	1.747	1.747	1.684
RAJASTHAN	0.000	0.000	0.000	0.000
ORISSA	0.000	0.000	0.000	0.000
RAJASTHAN(SOLAR) BRPL-LT36	4.221	4.091	4.091	3.955
RAJASTHAN(SOLAR) BYPL - LT-35	4.223	4.092	4.092	3.956
RAJASTHAN(SOLAR) TPDDL LT-31	4.173	4.044	4.044	3.910
TO JAMMU & KASHMIR	-283.011	-287.404	-287.404	-297.265
TO KARNATAKA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	-2.243	-2.310	-2.310	-2.391
TO MEGHALAYA	-25.355	-25.873	-25.873	-26.766
TO PUNJAB	0.000	0.000	0.000	0.000
TO CHATTISHGARH	-53.525	-54.646	-54.646	-56.521
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO KERALA	-4.591	-4.692	-4.692	-4.858
TO RAJASTHAN	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	-42.310	-43.446	-43.446	-44.936
TO ORISSA	-72.038	-72.861	-72.861	-75.360
POWER EXCHANGE(IEX)	153.272	148.288	153.272	148.288
TO POWER EXCHANGE (IEX)	-39.857	-41.236	-39.857	-41.236
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)	-13.118	-13.577	-13.118	-13.577
TO SHARE PROJECT (PUNJAB)	-13.175	-13.636	-13.175	-13.636
TOTAL	**2500.046**	**2398.194**	**1675.637**	**1582.522**

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	1595.062	1541.997	971.023	938.746
NTPC - ER	144.015	139.247	119.054	115.125
NHPC	132.821	128.428	99.066	95.789
NPC	71.927	69.540	71.876	69.490
SASAN	303.111	293.053	303.040	292.982
KOTESHWAR	8.656	8.368	8.656	8.368
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	20.222	19.551	15.086	14.585
TEHRI	11.959	11.561	11.959	11.561
TALA	0.998	0.965	0.998	0.965

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
JHAJJAR	150.333	145.345	27.459	26.551
TALCHER	0.000	0.000	0.000	0.000
RAJASTHAN SOLAR(BRPL)T-36	4.221	4.091	4.091	3.955
RAJASTHAN SOLAR(BYPL)T-35	4.223	4.092	4.092	3.956
RAJASTHAN SOLAR(TPDDL)T-31	4.173	4.044	4.044	3.910
DVC	225.004	222.513	222.513	215.169
UTTAR PRADESH	0.000	0.000	0.000	0.000
TRIPURA	0.000	0.000	0.000	0.000
MEGHALAYA	0.000	0.000	0.000	0.000
ASSAM	0.000	0.000	0.000	0.000
DVC CTPS (BYPL)	0.000	0.000	0.000	0.000
DVC CTPS (NDPL)	0.000	0.000	0.000	0.000
METHON POWER (NDPL)-LT-06	182.876	180.856	180.856	174.869
DVC MEJIA (LT-08)(BYPL)	33.202	32.787	32.787	31.712
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	1.292	1.278	1.278	1.238
HIMACHAL PRADESH	0.131	0.128	0.128	0.123
PUNJAB	0.000	0.000	0.000	0.000
MADHYA PRADESH	0.000	0.000	0.000	0.000
CHATTISHGARH	0.000	0.000	0.000	0.000
DVC (FOR NDPL) LT-09	0.000	0.000	0.000	0.000
HARYANA (LT -05)	1.773	1.747	1.747	1.684
RAJASTHAN	0.000	0.000	0.000	0.000
ORISSA	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	153.272	148.288	153.272	148.288
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**3049.269**	**2957.876**	**2233.021**	**2159.068**

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 JAMMU & KASHMIR	-283.011	-287.404	-287.404	-297.265
TO KARNATAKA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	-2.243	-2.310	-2.310	-2.391
TO MEGHALAYA	-25.355	-25.873	-25.873	-26.766
TO CHATTISHGARH	-53.525	-54.646	-54.646	-56.521
TO PUNJAB	0.000	0.000	0.000	0.000
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO KERALA	-4.591	-4.692	-4.692	-4.858
TO RAJASTHAN	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
BTPS TO MP	0.000	0.000	0.000	0.000
TO HIMACHAL PRADESH	-42.310	-43.446	-43.446	-44.936
TO ORISSA	-72.038	-72.861	-72.861	-75.360
TO POWER EXCHANGE (IEX)	-39.857	-41.236	-39.857	-41.236
TO POWER EXCHANGE (PX)	0.000	0.000	0.000	0.000
TO SHARE PROJECT (HARYANA)	-13.118	-13.577	-13.118	-13.577
TO SHARE PROJECT (PUNJAB)	-13.175	-13.636	-13.175	-13.636
TOTAL	**-549.223**	**-559.682**	**-557.383**	**-576.546**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**2500.046**	**2398.194**	**1675.637**	**1582.522**

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS		1937.321
NET CONSUMPTION		**1927.576**
AVAILABILITY WITHIN DELHI		289.038
ACTUAL DRAWAL FROM THE GRID		1638.538
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY		56.016
LOAD SHEDDING		3.029
UNRESTRICTED DEMAND (GROSS)		1940.350
UNRESTRICTED DEMAND (NET)		1930.605
MAX. NET CONSUMPTION		71.494 ON 31.03.2016
MAX. LOAD SHEDDING		265MW ON 30.03.2016 AT 13.52HRS.
PEAK LOAD	Peak Demand during the month	SHEDDING AT PEAK TIME
DAY PEAK	3547MW AT 12.00HRS ON 31.03.2016	21 MW
EVENING PEAK	3617MW AT 19.21HRS ON 31.03.2016	1 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH	0.00%
	GT	14.45%
	PRAGATI	2.31%
	RITHALA	0.00%
	BAWANA	12.91%
	Timarpur Okhla	115.65%

9 SHEDDING DETAILS DURING THE MONTH OF MARCH 2016.

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.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.026	0.000	0.000	0.000
04.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
08.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000
10.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.047	0.007	0.000	0.000
11.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.122	0.000	0.000	0.000
12.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000
15.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000
18.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000
19.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.042	0.000	0.000	0.000
20.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000
26.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000
27.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.035	0.033	0.000	0.000	0.000
30.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000
31.Mar.16	0	0.000	0.000	0.000	0.000	0.000	0.022	0.074	0.000	0.000	0.000
TOTAL	0	0.000	0.000	0.000	0.000	0.000	0.057	0.423	0.012	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.Mar.16	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.Mar.16	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.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.026	**0.026**
04.Mar.16	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.Mar.16	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.Mar.16	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.Mar.16	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.Mar.16	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.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	**0.012**
10.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.054	**0.054**
11.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.122	**0.122**
12.Mar.16	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.Mar.16	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.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	**0.005**
15.Mar.16	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.Mar.16	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.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	**0.011**
18.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.014	**0.014**
19.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.042	**0.042**
20.Mar.16	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.Mar.16	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.Mar.16	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.Mar.16	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.Mar.16	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.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.018	**0.018**
26.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	**0.022**
27.Mar.16	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.Mar.16	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.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.039	0.056	0.030	0.000	0.193	**0.193**
30.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.002**
31.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.096	**0.096**
TOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.039	0.056	0.030	0.000	0.617	**0.617**

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.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000
02.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.Mar.16	0.000	0.019	0.003	0.000	0.000	0.032	0.000	0.003	0.000
04.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.002	0.000
05.Mar.16	0.000	0.000	0.000	0.000	0.000	0.009	0.096	0.022	0.000
06.Mar.16	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.001	0.000
07.Mar.16	0.000	0.000	0.000	0.000	0.000	0.067	0.036	0.002	0.000
08.Mar.16	0.000	0.000	0.002	0.000	0.000	0.000	0.004	0.003	0.000
09.Mar.16	0.027	0.011	0.000	0.000	0.000	0.000	0.015	0.000	0.000
10.Mar.16	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000
11.Mar.16	0.000	0.000	0.006	0.000	0.000	0.000	0.007	0.001	0.000
12.Mar.16	0.027	0.008	0.010	0.000	0.000	0.011	0.000	0.005	0.000
13.Mar.16	0.012	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000
15.Mar.16	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.001	0.000
16.Mar.16	0.004	0.000	0.001	0.000	0.000	0.000	0.002	0.001	0.000
17.Mar.16	0.000	0.000	0.002	0.000	0.000	0.012	0.048	0.000	0.000
18.Mar.16	0.000	0.000	0.001	0.000	0.000	0.000	0.256	0.000	0.000
19.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	0.000
20.Mar.16	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000
21.Mar.16	0.000	0.009	0.000	0.000	0.000	0.009	0.034	0.000	0.000
22.Mar.16	0.005	0.000	0.000	0.000	0.000	0.035	0.093	0.000	0.000
23.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000
24.Mar.16	0.005	0.000	0.000	0.000	0.000	0.003	0.015	0.000	0.000
25.Mar.16	0.011	0.000	0.000	0.000	0.000	0.035	0.143	0.000	0.000
26.Mar.16	0.221	0.003	0.000	0.000	0.000	0.001	0.283	0.000	0.000
27.Mar.16	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000
28.Mar.16	0.000	0.000	0.000	0.000	0.000	0.011	0.152	0.002	0.000
29.Mar.16	0.000	0.000	0.000	0.000	0.000	0.018	0.093	0.003	0.000
30.Mar.16	0.059	0.031	0.022	0.000	0.000	0.000	0.141	0.000	0.000
31.Mar.16	0.015	0.000	0.000	0.000	0.000	0.000	0.050	0.000	0.000
TOTAL	0.386	0.083	0.051	0.000	0.000	0.255	1.545	0.046	0.000

ALL FIGURES IN MUs

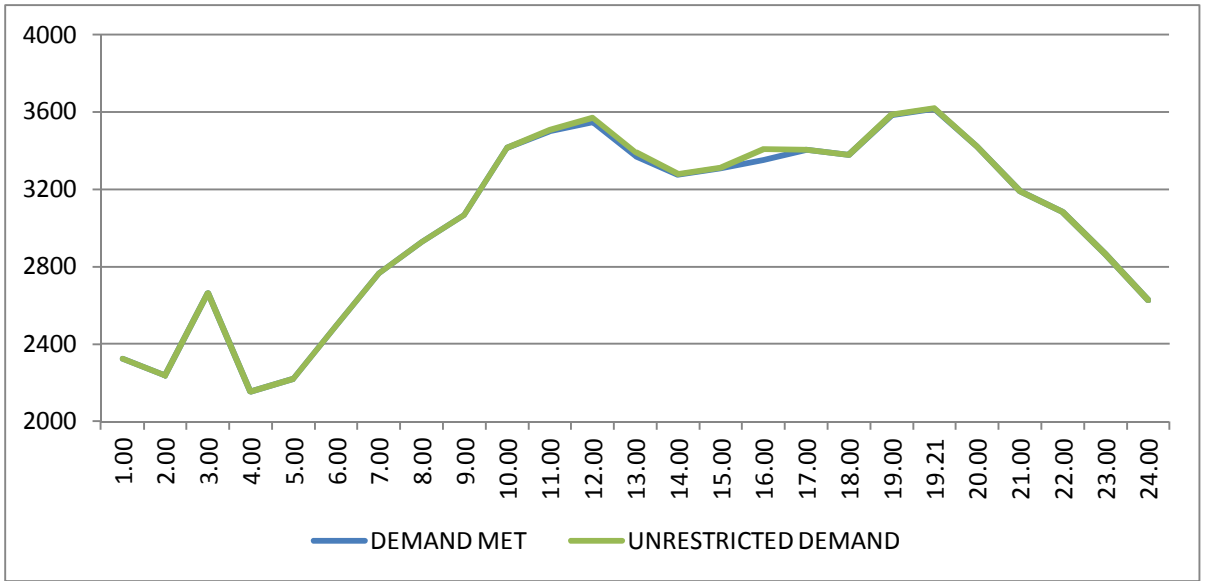
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		NDPL	NDMC	BSES		NDPL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.010	0.010
02.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.059	0.085
04.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023	0.023
05.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.127	0.127
06.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.005
07.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.105	0.105
08.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.014	0.014
09.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.064	0.076
10.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.014	0.068
11.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.023	0.145
12.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.061	0.061
13.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.014
14.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.012	0.017
15.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007
16.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.008
17.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.062	0.073
18.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.257	0.271
19.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.072
20.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002
21.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.052	0.052
22.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.133	0.133
23.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009
24.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023	0.023
25.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.189	0.207
26.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.508	0.530
27.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003
28.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.165	0.165
29.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.114	0.307
30.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.253	0.255
31.Mar.16	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.066	0.162
TOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.046	2.412	3.029

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.Mar.16	63.242	3225	10:30	0	3225	3225	10:30	3225	0
02.Mar.16	61.575	3301	10:17:33	0	3301	3301	10:17:33	3301	0
03.Mar.16	65.198	3271	18:45:28	0	3271	3271	18:45:28	3271	0
04.Mar.16	64.681	3377	10:45:45	0	3377	3377	10:45:45	3377	0
05.Mar.16	59.865	3167	10:00:48	0	3167	3167	10:00:48	3167	0
06.Mar.16	56.636	2855	11:00	0	2855	2855	11:00	2855	0
07.Mar.16	59.293	3426	10:12:28	0	3426	3426	10:12:28	3426	0
08.Mar.16	61.212	3256	10:45:41	0	3256	3256	10:45:41	3256	0
09.Mar.16	63.097	3386	10:22:00	23	3409	3409	10:22:00	3386	23
10.Mar.16	65.637	3346	10:47:28	0	3346	3346	10:47:28	3346	0
11.Mar.16	65.657	3432	10:30	0	3432	3432	10:30	3432	0
12.Mar.16	59.546	3120	11:00	0	3120	3120	11:00	3120	0
13.Mar.16	56.679	3001	10:56:00	0	3001	3001	10:56:00	3001	0
14.Mar.16	60.713	3181	11:26:24	0	3181	3181	11:26:24	3181	0
15.Mar.16	60.536	3383	10:32:02	0	3383	3383	10:32:02	3383	0
16.Mar.16	63.347	3315	11:03:36	0	3315	3315	11:03:36	3315	0
17.Mar.16	63.575	3193	11:30	0	3193	3193	11:30	3193	0
18.Mar.16	66.078	3409	10:57	0	3409	3409	10:57	3409	0
19.Mar.16	64.014	3297	10:59:00	0	3297	3297	10:59:00	3297	0
20.Mar.16	60.950	3050	10:51:55	0	3050	3050	10:51:55	3050	0
21.Mar.16	63.144	3442	10:54:42	0	3442	3442	10:54:42	3442	0
22.Mar.16	61.444	3228	10:01:18	3	3231	3231	10:01:18	3228	3
23.Mar.16	60.029	3243	10:00:43	0	3243	3243	10:00:43	3243	0
24.Mar.16	50.135	2429	19:35:48	0	2429	2429	19:35:48	2429	0
25.Mar.16	58.975	2974	19:30	0	2974	2974	19:30	2974	0
26.Mar.16	60.303	3028	19:00	0	3028	3028	19:00	3028	0
27.Mar.16	60.796	2992	19:10:28	0	2992	2992	19:10:28	2992	0
28.Mar.16	64.607	3272	19:22:48	0	3272	3272	19:22:48	3272	0
29.Mar.16	66.243	3400	10:43:46	5	3405	3405	10:43:46	3400	5
30.Mar.16	68.875	3498	19:30	0	3498	3498	19:30	3498	0
31.Mar.16	71.494	3617	19:21	1	3618	3618	19:21	3617	1
TOTAL	1927.576	3617 **31.03.16**	19:21	1	3618 31.03.16	3618	19:21	3617	1

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING MARCH 2016 ON 31.03.2016- 3617MW AT 19.21HRS.

All figures in MW

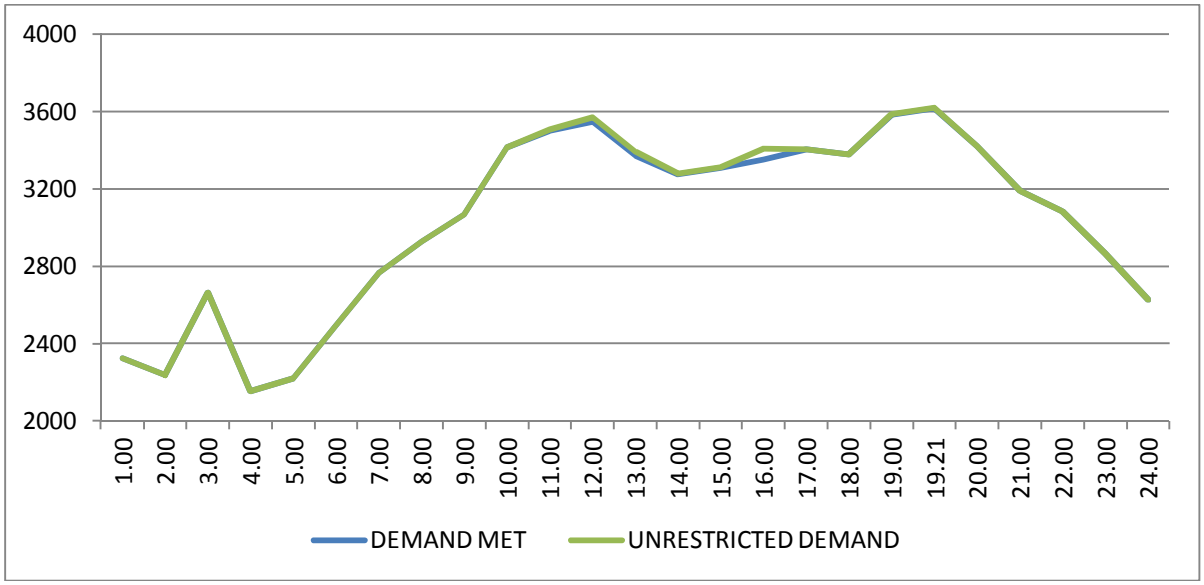
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	2324	0	2324
2.00	2237	0	2237
3.00	2664	0	2664
4.00	2155	0	2155
5.00	2219	0	2219
6.00	2495	0	2495
7.00	2766	0	2766
8.00	2929	0	2929
9.00	3067	0	3067
10.00	3413	0	3413
11.00	3500	6	3506
12.00	3547	21	3568
13.00	3370	21	3391
14.00	3276	2	3278
15.00	3309	2	3311
16.00	3352	55	3407
17.00	3404	0	3404
18.00	3376	0	3376
19.00	3584	1	3585
19.21	3617	1	3618
20.00	3422	0	3422
21.00	3190	0	3190
22.00	3083	0	3083
23.00	2866	0	2866
24.00	2628	0	2628
Total (IN MUS)	**71.494**	**0.162**	**71.656**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING MARCH 2016 ON 31.03.2016- 3618MW AT 19.21HRS.

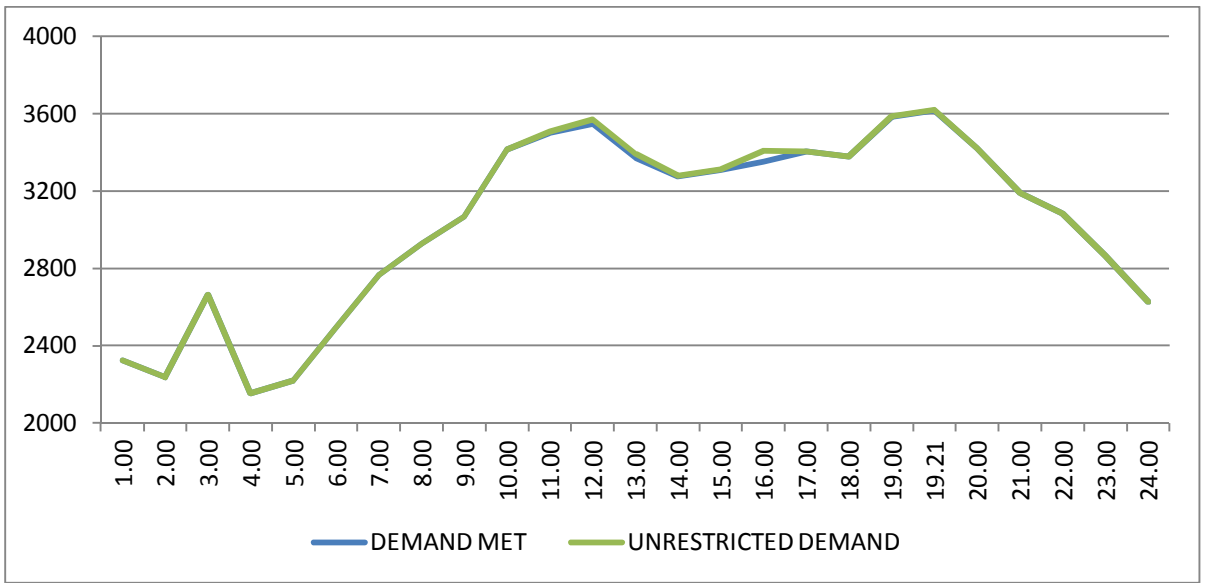
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	2324	0	2324
2.00	2237	0	2237
3.00	2664	0	2664
4.00	2155	0	2155
5.00	2219	0	2219
6.00	2495	0	2495
7.00	2766	0	2766
8.00	2929	0	2929
9.00	3067	0	3067
10.00	3413	0	3413
11.00	3500	6	3506
12.00	3547	21	3568
13.00	3370	21	3391
14.00	3276	2	3278
15.00	3309	2	3311
16.00	3352	55	3407
17.00	3404	0	3404
18.00	3376	0	3376
19.00	3584	1	3585
19.21	3617	1	3618
20.00	3422	0	3422
21.00	3190	0	3190
22.00	3083	0	3083
23.00	2866	0	2866
24.00	2628	0	2628
Total (IN MUS)	**71.494**	**0.162**	**71.656**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING MARCH 2016 – 31.03.2016 – 71.494Mus All figures in MW

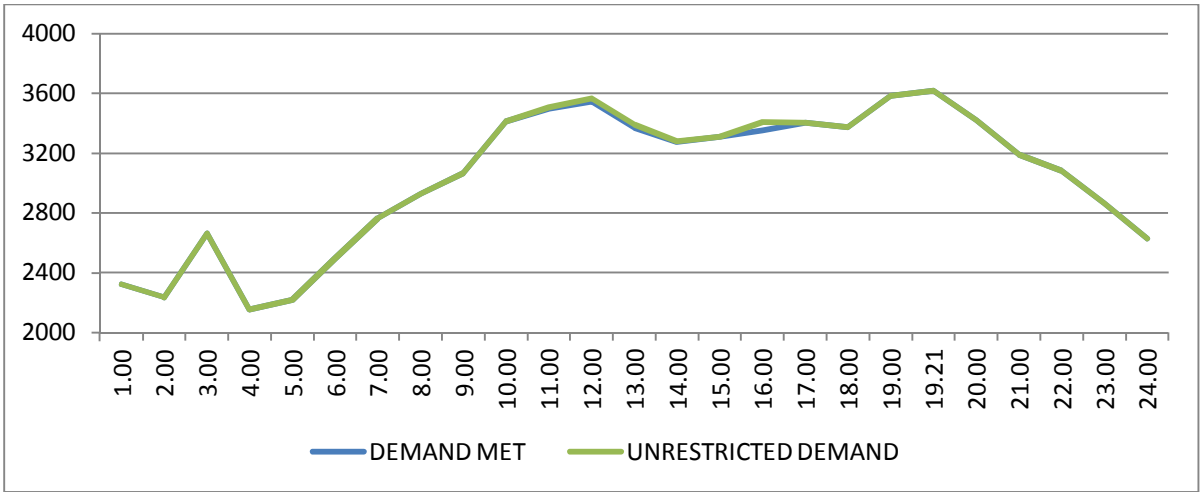
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	2324	0	2324
2.00	2237	0	2237
3.00	2664	0	2664
4.00	2155	0	2155
5.00	2219	0	2219
6.00	2495	0	2495
7.00	2766	0	2766
8.00	2929	0	2929
9.00	3067	0	3067
10.00	3413	0	3413
11.00	3500	6	3506
12.00	3547	21	3568
13.00	3370	21	3391
14.00	3276	2	3278
15.00	3309	2	3311
16.00	3352	55	3407
17.00	3404	0	3404
18.00	3376	0	3376
19.00	3584	1	3585
19.21	3617	1	3618
20.00	3422	0	3422
21.00	3190	0	3190
22.00	3083	0	3083
23.00	2866	0	2866
24.00	2628	0	2628
Total (IN MUS)	**71.494**	**0.162**	**71.656**



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING MARCH 2016 – 31.03.2016 – 71.656 Mus

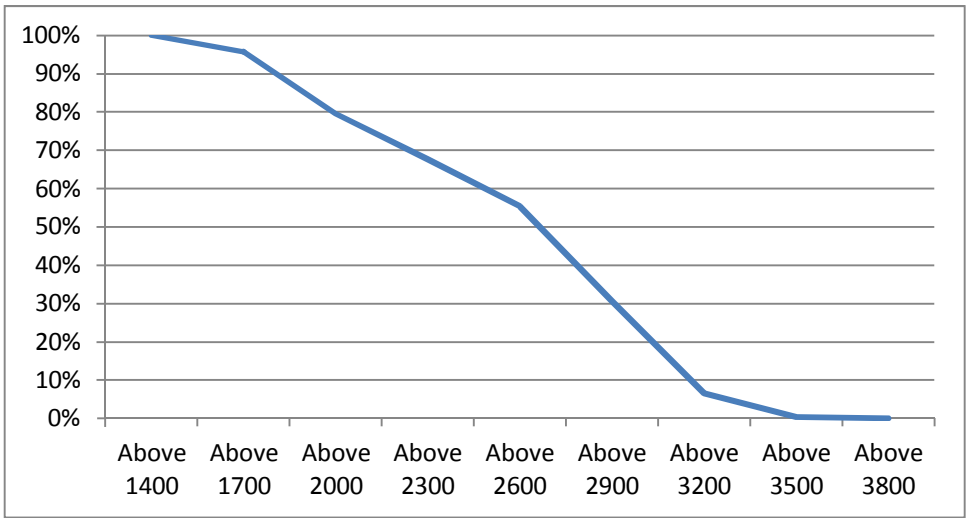
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	2324	0	2324
2.00	2237	0	2237
3.00	2664	0	2664
4.00	2155	0	2155
5.00	2219	0	2219
6.00	2495	0	2495
7.00	2766	0	2766
8.00	2929	0	2929
9.00	3067	0	3067
10.00	3413	0	3413
11.00	3500	6	3506
12.00	3547	21	3568
13.00	3370	21	3391
14.00	3276	2	3278
15.00	3309	2	3311
16.00	3352	55	3407
17.00	3404	0	3404
18.00	3376	0	3376
19.00	3584	1	3585
19.21	3617	1	3618
20.00	3422	0	3422
21.00	3190	0	3190
22.00	3083	0	3083
23.00	2866	0	2866
24.00	2628	0	2628
Total (IN MUS)	**71.494**	**0.162**	**71.656**



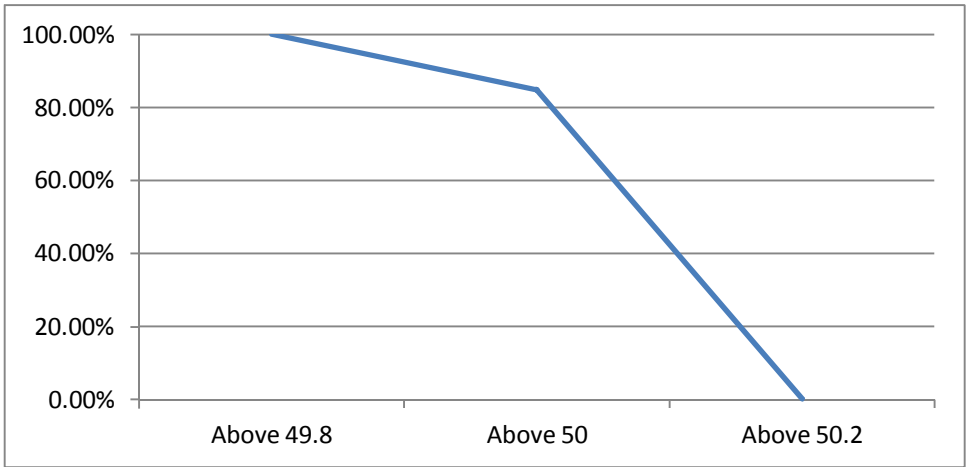
14 LOAD DURATION CURVE FOR MARCH 2016

Load in MW	Percentage of Time
1400	100.00
1700	95.73
2000	79.60
2300	67.64
2600	55.38
2900	30.65
3200	6.55
3500	0.40



15 FREQUENCY ANALYSIS FOR THE MONTH OF MARCH 2016

Frequency Range in Hz.	Percentage of time
Above 49.8	100.00%
Above 50	84.85%
Above 50.2	0.27%



16 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING MARCH 2016

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.Mar.16	233.17	213.83	232.66	219.89
02.Mar.16	232.4	215.63	232.40	217.95
03.Mar.16	233.17	215.63	232.14	218.21
04.Mar.16	230.85	216.28	232.14	218.21
05.Mar.16	234.72	220.15	234.33	217.95
06.Mar.16	235.23	221.44	235.88	220.79
07.Mar.16	233.95	219.11	233.04	216.41
08.Mar.16	232.14	216.66	231.88	215.24
09.Mar.16	232.4	215.76	231.11	213.70
10.Mar.16	232.01	215.24	230.46	212.41
11.Mar.16	232.40	214.99	230.46	211.89
12.Mar.16	236.27	219.24	234.07	216.41
13.Mar.16	235.62	220.92	233.30	217.18
14.Mar.16	234.59	214.60	231.24	213.31
15.Mar.16	234.07	217.18	230.08	212.41
16.Mar.16	232.82	217.82	233.95	215.37
17.Mar.16	232.78	215.76	237.81	221.69
18.Mar.16	232.53	217.95	238.85	--
19.Mar.16	231.88	215.76	226.98	--
20.Mar.16	232.14	217.05	231.88	--
21.Mar.16	231.88	216.53	231.88	212.02
22.Mar.16	231.49	214.47	228.14	--
23.Mar.16	231.37	218.60	232.14	215.24
24.Mar.16	233.43	220.40	232.01	219.76
25.Mar.16	233.04	213.70	231.11	--
26.Mar.16	230.46	217.18	229.30	213.70
27.Mar.16	230.72	217.05	228.14	214.34
28.Mar.16	232.01	217.18	229.95	214.73
29.Mar.16	231.49	219.24	223.17	216.28
30.Mar.16	232.78	218.60	228.92	214.08
31.Mar.16	231.37	219.89	227.88	216.41

17 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING MARCH 2016

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Mar.16	416.68	01.55.28	390.89	12.10	405.02
02.Mar.16	416.92	04.04.12	392.76	10.42	403.14
03.Mar.16	415.74	02.59.55	390.42	15.40	402.97
04.Mar.16	415.04	21.31.42	393.70	10.12	404.15
05.Mar.16	422.08	21.48.34	399.33	11.47	410.73
06.Mar.16	422.08	01.10.42	400.50	12.08	412.55
07.Mar.16	420.90	02.18.33	397.45	12.18	409.99
08.Mar.16	419.03	02.59.27	397.22	19.09	408.17
09.Mar.16	418.09	02.24.50	396.75	12.19	406.95
10.Mar.16	417.86	02.59.14	394.41	11.11	405.61
11.Mar.16	416.21	22.00.32	392.30	12.17	406.74
12.Mar.16	422.78	04.04.23	398.63	18.54	411.30
13.Mar.16	420.67	04.01.45	401.91	19.16	412.70
14.Mar.16	419.73	02.46.29	393.70	19.11	409.41
15.Mar.16	420.20	02.54.23	394.64	12.23	407.21
16.Mar.16	417.86	02.56.26	395.81	12.17	406.58
17.Mar.16	417.86	04.02.20	395.81	19.12	406.55
18.Mar.16	419.03	02.00.18	396.99	12.31	408.61
19.Mar.16	417.86	02.29.08	396.28	19.19	406.66
20.Mar.16	417.86	02.52.11	395.58	19.18	409.71
21.Mar.16	417.86	02.33.15	395.81	18.56	406.28
22.Mar.16	416.68	02.58.59	394.64	18.56	407.39
23.Mar.16	416.92	02.02.13	397.45	09.17	408.52
24.Mar.16	420.43	04.02.37	399.57	19.18	412.16
25.Mar.16	419.50	03.01	399.78	11.40	406.05
26.Mar.16	414.81	04.59	394.41	11.53	404.12
27.Mar.16	402.14	02.25	402.14	00.25	402.1
28.Mar.16	413.40	21.45	396.28	10.28	403.46
29.Mar.16	416.92	01.18	395.28	11.41	407.54
30.Mar.16	416.68	02.22	396.05	19.13	407.37
31.Mar.16	415.04	02.51	396.75	19.10	406.74

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Mar.16	428.41	01.46	398.39	12.10	415.39
02.Mar.16	427.94	02.58	401.91	10.43	413.56
03.Mar.16	428.41	02.53	400.97	15.40	413.71
04.Mar.16	424.89	02.16	403.08	12.37	414.17
05.Mar.16	433.10	21.58	410.35	12.32	421.14
06.Mar.16	432.16	04.03	410.82	12.22	422.87
07.Mar.16	430.99	02.18	406.83	12.18	422.95
08.Mar.16	426.77	01.32	406.13	12.14	417.17
09.Mar.16	427.47	02.25	405.19	12.17	416.57
10.Mar.16	426.53	02.58	404.02	12.22	415.72
11.Mar.16	426.53	23.55	402.85	12.17	417.15
12.Mar.16	433.57	03.45	409.65	18.56	421.83
13.Mar.16	432.39	02.49	411.29	19.17	423.63
14.Mar.16	430.28	02.41	402.61	19.10	419.54
15.Mar.16	429.81	02.54	405.19	12.23	417.07
16.Mar.16	427.23	02.58	407.77	12.15	417.61
17.Mar.16	427.94	02.07	406.83	19.12	419.02
18.Mar.16	430.28	02.01	409.88	12.22	420.43
19.Mar.16	428.88	02.29	406.37	19.19	419.62
20.Mar.16	428.41	02.51	406.13	19.18	420.79
21.Mar.16	427.70	02.33	407.30	19.11	418.10
22.Mar.16	426.77	02.57	404.25	19.17	418.20
23.Mar.16	426.30	02.13	408.48	09.19	419.41
24.Mar.16	429.58	02.52	408.71	19.18	421.45
25.Mar.16	429.11	02.43	399.80	11.40	417.39
26.Mar.16	426.06	02.14	406.83	11.49	417.10
27.Mar.16	427.70	02.04	405.19	11.37	419.68
28.Mar.16	429.11	01.29	406.60	11.38	418.39
29.Mar.16	427.94	01.19	407.30	11.41	418.94
30.Mar.16	427.94	02.25	407.54	19.15	418.71
31.Mar.16	426.08	21.43	408.71	19.09	418.25

18 DETAILS OF LUMPED CAPACITORS AT NEAREST 220 KV SUBSTATION

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
1	**IP YARD**		30		**30**
1	Kamla Market			16.35	**16.35**
2	Minto Road				**0**
3	GB Pant Hosp			15.88	**15.88**
4	Delhi Gate			10.9	**10.9**
5	Tilakmarg			5.04	**5.04**
7	Cannaught Place			10.08	**10.08**
8	Kilokri		10.08	10.48	**20.56**
9	NDSE				**0**
11	Nizamuddin				**0**
12	Exhibition-I				**0**
13	Exhibition-II				**0**
14	Defence Colony				**0**
15	IG Stadium		10.08	5.45	**15.53**
16	Lajpat Nagar				**0**
17	IP Estate			10.9	**10.9**
	LT BYPL				**5.6**
		0	**50.16**	**85.08**	**140.84**
2	**Electric Lane**				
1	Electric Lane			5.04	**5.04**
2	Scindia House			5.04	**5.04**
3	Raisina Road			10.08	**10.08**
4	Raja Bazar			10.08	**10.08**
	LT NDMC				**12**
		0	**0**	**30.24**	**42.24**
3	**RPH Station**		20		**20**
1	Lahori Gate			10.49	**10.49**
2	Jama Masjid			10.48	**10.48**
4	Kamla Market				**0**
5	Minto Road			10.9	**10.9**
6	GB Pant Hosp				**0**
7	IG Stadium				**0**
	LT BYPL				**3**
		0	**20**	**31.87**	**54.87**
4	**Parkstreet S/stn**	20	20		**40**
1	Shastri Park		10.896	5.45	**16.346**
2	Faiz Road			18.05	**18.05**
3	Motia Khan			16.3	**16.3**
4	Prasad Nagar			16.25	**16.25**
5	Anand Parbat			10.8	**10.8**
6	Shankar Road			5.04	**5.04**
7	Rama Road			0	**0**
8	Baird Road			10.08	**10.08**
9	Hanuman Road			5.04	**5.04**
10	Pusa			5.44	**5.44**
11	Ridge Valley			0	**0**
12	B. D. Marg			0	**0**
13	Nirman Bhawan			5.04	**5.04**
	LT BYPL			0	**30.1**
		20.00	**30.90**	**97.49**	**178.486**
5	**Naraina S/stn**		20	5.04	**25.04**
1	DMS			10.85	**10.85**
2	Mayapuri		10.87	10.4	**21.27**
3	Inderpuri		10	4.8	**14.8**
4	Rewari line				**0**
5	Khyber Lane		10.05		**10.05**
6	Kirbi Place		10.05		**10.05**
7	Payal			7.2	**7.2**
8	Saraswati Garden			10.88	**10.88**
		0	**60.97**	**49.17**	**110.14**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
6	**Mehrauli S/stn**	80		5.04	**85.04**
1	Adchini			14.61	**14.61**
2	Andheria Bagh			10.85	**10.85**
3	IIT			10.9	**10.9**
4	JNU		10.03	10.03	**20.06**
5	Bijwasan			15.47	**15.47**
6	DC Saket			9.98	**9.98**
7	Malviya Nagar				**0**
8	C Dot			10.48	**10.48**
9	Vasant kunj B-Blk	21.79		10.9	**32.69**
10	Vasant kunj C-Blk	20.16		10.48	**30.64**
11	Palam				**0**
12	IGNOU			5.04	**5.04**
13	R. K. Puram-I			10.07	**10.07**
14	Vasant Vihar			19.25	**19.25**
15	Pusp Vihar			10.44	**10.44**
16	Bhikaji Cama Place		10.08	10.07	**20.15**
	LT BRPL				**25**
		121.95	**20.11**	**163.61**	**330.67**
7	**Vasantkunj S/stn**	40		5.04	**45.04**
1	R. K. Puram-II			10.08	**10.08**
2	Vasant kunj C-Blk				**0**
3	Vasant kunj D-Blk			9.63	**9.63**
4	Ridge Valley				**0**
	LT BRPL				**33.2**
		40	**0**	**24.75**	**97.95**
8	**Okhla S/stn**	60	10	5.04	**75.04**
1	Balaji			10.8	**10.8**
2	East of Kailash			15.89	**15.89**
3	Alaknanda			16.3	**16.3**
4	Malviya Nagar	21.79		10.85	**32.64**
5	Masjid Moth			16.3	**16.3**
6	Nehru Place			21.34	**21.34**
7	Okhla Ph-I	21.79		16.3	**38.09**
8	Okhla Ph-II		20.93	15.47	**36.4**
9	Shivalik			10.8	**10.8**
10	Batra			15.9	**15.9**
11	VSNL			10.9	**10.9**
12	Siri Fort			10.49	**10.49**
13	Tuglakabad			10.85	**10.85**
	LT BRPL				**59**
		103.58	**30.93**	**187.23**	**380.74**
9	**Lodhi Road S/stn**		20		**20**
1	Defence Colony		14.85		**14.85**
2	Hudco		10.9		**10.9**
3	Lajpat Nagar		10.9		**10.9**
4	Nizamuddin		10.44		**10.44**
5	Vidyut Bhawan				**0**
6	Ex. Gr. II				**0**
7	IHC				**0**
	LT BRPL				**42**
		0	**67.09**	**0**	**109.09**
10	**Sarita Vihar S/stn**	20		5.04	**25.04**
1	Sarita Vihar			10.07	**10.07**
2	MCIE			10.06	**10.06**
3	Mathura Road	20.16		11.69	**31.85**
4	Jamia Millia			10.89	**10.89**
5	Sarai Julena		10.08	16.29	**26.37**
6	Jasola			5.44	**5.44**
	LT BRPL				**23.6**
		40.16	**10.08**	**69.48**	**143.32**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
11	**Wazirabad**				
1	Bhagirathi		14.4	10.9	**25.3**
2	Ghonda	21.79	22.56	15.94	**60.29**
3	Seelam Pur		10.08	21.39	**31.47**
4	Dwarkapuri			15.46	**15.46**
5	Nandnagri	20.16		16.35	**36.51**
6	Yamuna Vihar			16.2	**16.2**
7	East of Loni Road			10.8	**10.8**
8	Shastri Park			10.9	**10.9**
9	Karawal Nagar			5.4	**5.4**
10	Sonia Vihar			7.2	**7.2**
	LT BYPL				**10**
		41.95	**47.04**	**130.54**	**229.53**
12	**Geeta Colony**				
1	Geeta Colony				**0**
2	Kanti Nagar			10.49	**10.49**
3	Kailash Nagar			10.9	**10.9**
4	Seelam Pur			15.48	**15.48**
5	Shakar Pur				**0**
	LT BYPL				**5.8**
		0	**0**	**36.87**	**42.67**
13	**Gazipur S/stn**	40		5.04	**45.04**
1	Dallupura	28.8		10.9	**39.7**
2	Vivek Vihar			9.57	**9.57**
3	GT Road			10.85	**10.85**
4	Kondli	20.16		10.85	**31.01**
5	MVR-I			10.9	**10.9**
6	MVR-II	20.16		10.9	**31.06**
7	PPG Ind. Area			10.06	**10.06**
	LT BYPL				**20.6**
		109.12	**0**	**79.07**	**208.79**
14	**Patparganj S/stn**	40	20	5.04	**65.04**
1	GH-I	19.89		10.45	**30.34**
2	GH-II	20.09		10.9	**30.99**
3	CBD		10.03	15.48	**25.51**
4	Guru Angad Nagar			15.49	**15.49**
5	Karkadooma		10.8	10.44	**21.24**
6	Preet Vihar			10.07	**10.07**
7	CBD-II			10.8	**10.8**
8	Shakarpur			10.8	**10.8**
9	Jhilmil			10.8	**10.8**
10	Dilshad Garden	20.16		16.35	**36.51**
11	Khichripur	21.79		10.49	**32.28**
12	Mother Dairy				**0**
13	Scope Building				**0**
14	Vivek Vihar				**0**
15	Akhardham			14.6	**14.6**
	LT BYPL				**23.3**
		121.93	**40.83**	**151.71**	**337.77**
15	**Najafgarh S/stn**	60		5.04	**65.04**
1	A4 Paschim Vihar			10.8	**10.8**
2	Nangloi	21.73		15.84	**37.57**
3	Nangloi W/W	20.89		10.85	**31.74**
4	Pankha Road			15.88	**15.88**
5	Jaffarpur			15.43	**15.43**
7	Inst. Area Janakpuri			17.6	**17.6**
8	Paschimpuri		10.05	15.47	**25.52**
9	Paschim Vihar	41.83		15.43	**57.26**
10	Mukherjee Park			20.83	**20.83**
11	Udyog Nagar			10.43	**10.43**
12	Choukhandi			10.07	**10.07**
	LT BRPL				**27**
		144.45	**10.05**	**163.67**	**345.17**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
16	**Pappankalan-I S/stn**	20		5.04	**25.04**
1	Bindapur Grid G-3 PPK	21.73		15.85	**37.58**
2	Bodella-I	20.1		16.24	**36.34**
3	Bodella-II	21.73		17.64	**39.37**
4	DC Janakpuri			10.03	**10.03**
5	G-2 PPK			10.8	**10.8**
6	G-5 PPK			15.51	**15.51**
7	G-6 PPK			5.4	**5.4**
8	G-15 PPK			10.8	**10.8**
9	Harinagar	21.18		16.25	**37.43**
10	Rewari line			5.44	**5.44**
	LT BRPL				**13.5**
		104.74	**0**	**129**	**247.24**
17	**BBMB Rohtak Road**				
1	S.B. Mill			10.07	**10.07**
2	Rama Road			10.88	**10.88**
3	Ram Pura			10.48	**10.48**
4	Rohtak Road			8.04	**8.04**
5	Vishal			10.4	**10.4**
6	Tri Nagar			5.44	**5.44**
7	Madipur			10.43	**10.43**
8	Sudershan Park			10.08	**10.08**
9	Kirti Nagar			5.44	**5.44**
		0	**0**	**81.26**	**81.26**
18	**Shalimarbagh S/stn**		40	6	**46**
1	S.G.T. Nagar			5.44	**5.44**
2	Wazirpur-1			17.18	**17.18**
3	Wazirpur-2			11.39	**11.39**
4	Ashok Vihar			5.44	**5.44**
5	Rani Bagh			10.88	**10.88**
6	Haiderpur			11.39	**11.39**
7	SMB FC			5.44	**5.44**
8	SMB KHOSLA			5.44	**5.44**
	LT TPDDL				**30**
		0	**40**	**78.6**	**148.6**
19	**Subzimandi S/stn**			6	**6**
1	Shakti Nagar			5.94	**5.94**
2	Gulabibagh			10.88	**10.88**
3	Shahzadabagh			13.68	**13.68**
4	DU			5.44	**5.44**
5	Tripolia			10.88	**10.88**
	B. G. Road			5.4	**5.4**
	LT BYPL				**0.9**
	LT TPDDL				**20**
		0	**0**	**58.22**	**79.12**
20	**Narela S/stn**	40		5.04	**45.04**
1	A-7 Narela			10.88	**10.88**
2	AIR Kham pur			6	**6**
3	Ashok vihar			10.48	**10.48**
4	Azad Pur			5.44	**5.44**
5	Tri Nagar			5.44	**5.44**
6	Badli	20		5.95	**25.95**
7	DSIDC Narela-1			5.95	**5.95**
8	GTK			5.44	**5.44**
9	Jahangirpuri	20	10	0	**30**
10	Bhalswa			3.6	**3.6**
	LT TPDDL				**10**
		80	**10**	**64.22**	**164.22**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
21	**Gopalpur S/stn**		30	5.04	**35.04**
1	Azad Pur			10.88	**10.88**
2	Hudson Lane			5.44	**5.44**
3	Wazirabad			2.4	**2.4**
4	Indra Vihar			5.44	**5.44**
6	GTK Road			5.94	**5.94**
7	Jahangirpuri		10	5.95	**15.95**
8	Civil lines			5.44	**5.44**
9	Pitam Pura-1			5.44	**5.44**
10	Pitam Pura-3			5.44	**5.44**
11	Air Khampur			5.95	**5.95**
12	SGT Nagar			5.95	**5.95**
13	Tiggipur			10.88	**10.88**
	LT TPDDL				**29**
		0	**40**	**80.19**	**149.19**
22	**Rohini S/stn**	40		6	**46**
1	Rohini Sec-22			10.88	**10.88**
2	Rohini Sec-23	20		5.44	**25.44**
3	Rohini Sec-24			5.44	**5.44**
4	Rohini-1			5.44	**5.44**
5	Rohini-3			5.95	**5.95**
6	Rohini-4			11.39	**11.39**
7	Rohini-5			11.39	**11.39**
8	Rohini-6			5.95	**5.95**
9	Mangolpuri-1			16.83	**16.83**
10	Mangolpuri-2	20		5.94	**25.94**
11	Pitam Pura-1	20		5.04	**25.04**
12	Pitam Pura-2			10.48	**10.48**
13	Rohini DC-1			14.4	**14.4**
	LT TPDDL				**30**
		100	**0**	**120.57**	**250.57**
23	**Kanjhawala S/stn**	20		5.04	**25.04**
1	Bawana Clear Water			10.88	**10.88**
2	Pooth Khoord			5.44	**5.44**
		20	**0**	**21.36**	**41.36**
24	**BAWANA S/stn**				
1	Bawana S/stn No. 6			10.88	**10.88**
2	Bawana S/stn No. 7				**0**
		0	**0**	**10.88**	**10.88**
25	**Kashmeregate S/stn**			5.04	**5.04**
1	Civil lines			5.44	**5.44**
2	Town Hall			8.64	**8.64**
3	Fountain			5.45	**5.45**
	LT BYPL				**2.7**
		0	**0**	**24.57**	**27.27**
26	**Pappankalan-II**				
1	DMRC-I				**0**
2	DMRC-II				**0**
27	**Trauma Center (AIIMS)**				
1	AIIMS		13.26	5.04	**18.3**
2	Trauma Center			10.08	**10.08**
3	Netaji Nagar			15.12	**15.12**
4	Sanjay Camp			10.08	**10.08**
5	Kidwai Nagar			5.04	**5.04**
6	SJ Airport			5.04	**5.04**
	Race Course			5.04	**5.04**
		0	**13.26**	**55.44**	**68.7**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
28	**MUNDKA**				
	Rohini-2			11.39	**11.39**
	LT BRPL				**18.5**
		0	**0**	**11.39**	**29.89**
29	**DSIDC BAWANA**				
	DSIDC NRL-1	20			**20**
	DSIDC NRL-2			10.88	**10.88**
		20	**0**	**10.88**	**30.88**
30	**RIDGE VALLEY**				
	Keventry Diary			10.08	**10.08**
	Nehru Park			5.04	**5.04**
	Bapu Dham			10.08	**10.08**
		0	**0**	**25.2**	**25.2**
31	**IP EXTN (PRAGATI)**				
	Vidyut Bhawan			10.08	**10.08**
	Dalhousie Road			5.04	**5.04**
	School Lane			5.04	**5.04**
	LT NDMC				**12.29**
		0	**0**	**20.16**	**32.45**
	TOTAL CAPACITY	**1067.9**	**491.4**	**2092.7**	**4139**

Utility	HT	LT	Total
BYPL	**864**	**102**	**966**
TPDDL	**657**	**119**	**776**
NDMC	**180**	**24**	**204**
DTL	**754**	**0**	**754**
BRPL	**1158**	**242**	**1400**
RPH	**20**	**0**	**20**
MES	**20**	**0**	**20**
TOTAL	**3652**	**487**	**4139**

20 DETAILS OF BREAK-DOWNS DURING THE MONTH OF MARCH 2016

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	2.2.16	13:35	GEETA COLONY 220/33kV 100MVA Tx-I	Contd.	Contd.	TR. TRIPPED ON 30G
2	17.4.15	18:42	220kV Maharani Bagh- Electric Lane Ckt-II	Contd.	Contd.	AT MAHARANI BAGH CKT TRIPPED ON FAULT LOOP B TO E. AT ELECTRIC LANE CKT TRIPPED ON D/P,Z-1,C-PH,186,LBB, BUS BAR PROTECTION. CABLE DAMAGED DURING EXCAVATION BY MTNL.
3	1.3.16	16:20	PRAGATI 220/66kV 160MVA Tx-II	1.3.16	17:39	AT PRAGATI TX TRIPPED ON 86, INTER TRIP. 66KV I/C-2 TRIPPED ON O/C AT GT.
4	1.3.16	16:20	PRAGATI 220/66kV 160MVA Tx-I	1.3.16	17:26	TX TRIPPED ON 86, INTER TRIP
5	1.3.16	17:48	PATPARGANJ 33/11kV, 20MVA Tx	2.3.16	11:42	11KV I/C OF TX TRIPPED ON 30A BUCHHOLZ, 86.
6	3.3.16	12:21	220KV MUNDKA-PEERAGARHI CKT-I	3.3.16	16:55	CKT TRIPPED AT MUNDKA DURING PROTECTION TESTING.
7	3.3.16	21:39	220kV BAMNAULI-PAPPANKALAN-I CKT-II	3.3.16	22:23	AT BAMNAULI CKT TRIPPED ON D/P,A-PH,Z-1,DIST-5.316 KMS,186A&B AND POLE DISCREPENCY. AT PPK-1 CKT TRIPPED ON 67N E/F, 186, A/R.
8	3.3.16	21:39	PAPPANKALAN-I 220/66kV 100MVA Tx-I	4.3.16	10:38	TX TRIPPED ON 51N E/F,86B.
9	4.3.16	09:01	220kV WAZIRABAD-GEETA COLONY CKT-I	4.3.16	17:53	AT WZB CKT TRIPPED ON D/P,Z-2,DIST-5.6 KM.
10	4.3.16	09:01	220KV WAZIRABAD - MANDOLA CKT-II	4.3.16	09:17	AT WZB CKT TRIPPED WITHOUT INDICATION.
11	4.3.16	13:48	220KV MUNDKA-PEERAGARHI CKT-I	4.3.16	14:26	AT MUNDKA CKT TRIPPED ON D/P,Z-3, CHANNEL-1&2 RECEIVED.
12	4.3.16	18:17	PAPPANKALAN-I 66/11kV, 20MVA Tx-I	4.3.16	20:40	TX TRIPPED ON 86 & 11KV I/C TRIPPED ON INTER-TRIPPING.
13	4.3.16	09:01	220kV WAZIRABAD-GEETA COLONY CKT-I	4.3.16	17:53	AT WZB CKT TRIPPED ON D/P,Z-2,DIST-5.6 KM.
14	4.3.16	09:01	220KV WAZIRABAD - MANDOLA CKT-II	4.3.16	09:17	AT WZB CKT TRIPPED WITHOUT INDICATION.
15	4.3.16	13:48	220KV MUNDKA-PEERAGARHI CKT-I	4.3.16	14:26	AT MUNDKA CKT TRIPPED ON D/P,Z-3, CHANNEL-1&2 RECEIVED.
16	4.3.16	20:54	400kV Ballabhgarh-Bamnauli Ckt-II	4.3.16	22:10	AT BAMNAULI CKT TRIPPED ON D/P,AB&C-PH,DIST-43.95KM 186A&B.
17	5.3.16	07:02	PARKSTREET 220/33kV 100MVA Tx-II	5.3.16	07:30	TX TRIPPED ON 86 ALONG WITH 33KV I/C OF TX WHICH TRIPPED ON 51N IDMT E/F,86.
18	6.3.16	04:02	220kV NARAINA-RIDGE VALLEY CKT-I	6.3.16	04:17	AT RIDGE VALLEY CKT TRIPPED ON 86. SUPPLY FAILED AT NARAYANA.
19	8.3.16	12:00	400kV Bawana-Mundka Ckt-I	8.3.16	12:41	AT MUNDKA CKT TRIPPED ON AUTO RE-CLOSE LOCK OUT 186 LO, 286 LO. CKT DIDNOT TRIP AT BAWANA.
20	8.3.16	12:00	400kV Bawana-Mundka Ckt-II	8.3.16	12:41	AT MUNDKA CKT TRIPPED ON AUTO RE-CLOSE LOCK OUT 186 LO, 286 LO. CKT DIDNOT TRIP AT BAWANA.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
21	8.3.16	12:01	BAWANA 400/220kV 315MVA ICT-IV	Contd.	Contd.	ICT TRIPPED ON 87 DIFFERENTIAL PROTECTION, PRV TRIP, O/C, E/F. ICT DAMAGED DUE TO FIRE.
22	9.3.16	23:50	MASJID MOTH 220/33kV 100MVA Tx-I	10.3.16	10:40	33KV I/C-1 OF TX TRIPPED ON CB TROUBLE ALARM.
23	9.3.16	16:25	220kV WAZIRABAD-GEETA COLONY CKT-I	9.3.16	17:00	CKT MADE OFF AT WAZIRABAD FOR SAFETY PURPOSE AS MAN CLIMB ON TOWER NO-347.
24	9.3.16	16:25	220kV WAZIRABAD-GEETA COLONY CKT-II	9.3.16	17:00	CKT MADE OFF AT WAZIRABAD FOR SAFETY PURPOSE AS MAN CLIMB ON TOWER NO-347.
25	11.3.16	01:50	MASJID MOTH 220/33kV 100MVA Tx-I	11.3.16	13:25	33KV I/C-1 OF TX TRIPPED ON CB TROUBLE ALARM.
26	11.3.16	16:58	220kV GOPALPUR-MANDOLACKT-I	11.3.16	17:32	AT MANDOLA CKT TRIPPED ON D/P,DIST-19.3KM.
27	11.3.16	16:58	220kV GOPALPUR-MANDOLACKT-II	11.3.16	18:49	AT GOPALPUR CKT TRIPPED ON D/P,Z-1,DIST-1.9KM.
28	12.3.16	06:00	220KV GAZIPUR - MAHARANIBAGH CKT. -II	12.3.16	06:40	AT GAZIPUR CKT TRIPPED ON GENERAL TRIP,A/R. CKT DID NOT TRIP AT MAHARANI BAGH.
29	12.3.16	16:26	220kV NARAINA-RIDGE VALLEY CKT-I	12.3.16	16:40	AT NARAYANA CKT TRIPPED ON O/C, GENERAL TRIP.
30	12.3.16	16:28	220kV MAHARANIBAGH-TRAUMA CENTER CKT-I	12.3.16	16:43	AT MAHARANI BAGH CKT TRIPPED ON E/F.
31	12.3.16	16:57	220kV BAWANA-DSIIDC BAWANA CKT-I	12.3.16	19:30	AT BAWANA CKT TRIPPED ON D/P,Z-1,DIST-0.37KM. AT DSIDC BAWANA CKT TRIPPED D/P,Z-1,A/R.
32	12.3.16	17:21	400kV Mandola-Bawana Ckt-I	12.3.16	21:50	AT BAWANA CKT TRIPPED ON D/P,Z-1,DIST-18.46KM.
33	12.3.16	17:35	400kV Bawana-Mundka Ckt-II	12.3.16	18:07	AT MUNDKA CKT TRIPPED ON 286 LO,A/R, 186.
34	12.3.16	17:35	400kV Bawana-Mundka Ckt-I	12.3.16	18:07	AT MUNDKA CKT TRIPPED ON POLE DISCREPANCY,286 LO,A/R, 186, MAIN-1 & 2.
35	12.3.16	17:46	220kV WAZIRABAD-GEETA COLONY CKT-I	12.3.16	18:18	AT WZB CKT TRIPPED ON D/P,Z-1. CKT DID NOT TRIP AT GEETA COLONY.
36	12.3.16	17:46	220kV WAZIRABAD - KASHMEREGATE CKT-II	12.3.16	18:37	AT WZB CKT TRIPPED ON 86.
37	12.3.16	17:46	220kV WAZIRABAD-GEETA COLONY CKT-II	12.3.16	22:12	AT WZB CKT TRIPPED ON D/P,Z-1. GEETA COLONY CKT TRIPPED ON D/P,Z-2,DIST-5.47KM,O/C,E/F,86.
38	13.3.16	16:04	220kV PRAGATI - SARITA VIHAR CKT-II	13.3.16	20:18	AT SARITA VIHAR CKT TRIPPED ON D/P,Z-1,DIST-2.54KM,186. AT PRAGATI CKT TRIPPED ON 186.
39	13.3.16	16:10	220kV BAMNAULI-NARAINA CKT-II	13.3.16	16:33	AT BAMNAULI CKT TRIPPED ON D/P,Z-1,B-PH,DIST-23.47KM, 186A&B,POLE DISCREPANCY. CKT DID NOT TRIP AT NARAYANA.
40	14.3.16	08:09	220kV WAZIRABAD - KASHMEREGATE CKT-II	14.3.16	08:27	AT WZB CKT TRIPPED WITHOUT INDICATION.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
41	15.3.16	13:53	220kV PRAGATI - SARITA VIHAR CKT-II	15.3.16	14:29	AT SARITA VIHAR CKT TRIPPED ON D/P,Z-1,AB&C-PH,A/R,186 DIST-7.312KM. CKT DID NOT TRIP AT PRAGATI.
42	15.3.16	17:25	220kV BAMNAULI - DIAL CKT-II	15.3.16	19:01	AT BAMNAULI CKT TRIPPED ON D/P,Z-1,B-PH,DIST-11.4KM. AT DIAL CKT TRIPPED ON D/P,Z-1,B-PH,DIST-5.1KM.
43	16.3.16	08:53	PARKSTREET 220/33kV 100MVA Tx-I	16.3.16	09:30	TX TRIPPED ON O/C,51A,86B,E/F.
44	16.3.16	08:53	PARKSTREET 220/33kV 100MVA Tx-II	16.3.16	10:45	33KV I/C OF TX TRIPPED ON 51A,O/C,51N,E/F.
45	16.3.16	14:40	220kV WAZIRABAD - KASHMEREGATE CKT-II	16.3.16	14:59	AT WZB CKT TRIPPED ON D/P,Z-1,B-PH,DIST-173.3METER. CKT DID NOT TRIP AT KASHMEREGATE.
46	16.3.16	14:40	220kV WAZIRABAD - KASHMEREGATE CKT-I	16.3.16	14:59	AT WZB CKT TRIPPED ON D/P,Z-1,B-PH,DIST-173.3 METER. CKT DID NOT TRIP AT KASHMEREGATE.
47	17.3.16	09:55	400kV Ballabhgarh-Bamnauli Ckt-II	Contd.	Contd.	CKT WAS MADE OFF TO ATTEND SPACER. AFTER CLEARANCE CKT WAS CHARGED AT 18:34 HRS BUT TRIPPED ON D/P,C-PH, SOTF, DIST-219 METER,186A&B. B1-PH CABLE JOINT BOX DAMAGED.
48	17.3.16	10:14	SARITA VIHAR 220/66kV 100MVA Tx-III	17.3.16	10:24	TX TRIPPED ON O/C,Y-PH,86.
49	17.3.16	16:03	SUBZI MANDI 220/33kV 100MVA Tx-II	17.3.16	16:26	TX TRIPPED ON 86.
50	18.3.16	04:56	HARSH VIHAR 400/220kV 315MVA ICT-III	18.3.16	08:29	ICT TRIPPED ON OLTC, SURGE RELAY
51	18.3.16	08:42	SUBZI MANDI 33/11kV, 16MVA Tx-I	18.3.16	11:30	TR. TRIPPED ON 87R&Y, 86
52	18.3.16	12:31	220kV GOPALPUR-MANDOLACKT-I	18.3.16	14:43	AT GOPLAPUR TRIPPED ON ZONE-I, DIST 0.6KM, R&Y PHASE, AT MANDOLA 8.7kA , Y PHASE
53	21.3.16	13:30	220kV MEHRAULI - BTPS CKT. - II	21.3.16	19:06	AT MEHRAULI CKT TRIPPED ON D/P,Z-1. AT BTPS CKT TRIPPED ON D/P,Z-1,DIST-5.5KM.
54	21.3.16	13:30	SARITA VIHAR 220/66kV 100MVA Tx-III	21.3.16	20:34	TX TRIPPED ON DIFFERENTIAL PROTECTION.
55	21.3.16	13:45	220kV BAWANA-DSIIDC BAWANA CKT-II	21.3.16	13:50	AT DSIDC BWN CKT TRIPPED ON 86. CKT DID NOT TRIP AT BWN.
56	21.3.16	15:00	220kV MEHRAULI - BTPS CKT. - I	21.3.16	21:03	AT MEHRAULI CKT TRIPPED ON D/P,Z-1,DIST-13.03 KM. AT BTPS CKT TRIPPED ON B-PH,E/F,DIST-13.9 KM.
57	24.3.16	18:16	PARKSTREET 220/33kV 100MVA Tx-II	25.3.16	11:22	TX TRIPPED ON R&Y-PH DIFFERENTIAL PROTECTION,O/C,86. 33KV I/C-2 TRIPPED ON INTER TRIPPING. MONKEY ELECTROCUTED IN YARD.
58	25.3.16	13:20	220KV GAZIPUR - MAHARANIBAGH CKT. -II	25.3.16	17:50	AT MAHARANI BAGH CKT TRIPPED ON D/P,Z-2,Y-PH,86. AT GZP CKT TRIPPED ON D/P,Z-3,Y-PH.
59	25.3.16	21:25	OKHLA 220/33kV 100MVA Tx-IV	26.3.16	12:25	TX TRIPPED ON DIFFERENTIAL PROTECTION,REF,184,R-P LA DAMAGED. 33KV I/C-IV TRIPPED ON 86.
60	26.3.16	15:54	220KV WAZIRABAD - MANDOLA CKT-IV	26.3.16	17:59	AT MANDOLA CKT TRIPPED ON D/P,B-N PH,DIST-15KM.At WZB CKT TRIPPED ON D/P,Z-1,C-N PH, DIST-1.117 KM.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
61	26.3.16	15:54	220KV WAZIRABAD - MANDOLA CKT-II	26.3.16	19:56	At MANDOLA CKT TRIPPED ON D/P,Z-1,DIST-1.1172 KM. AT WZB CKT TRIPPED ON D/P,Z-1,RYB PH,DIST-0.983 KM.
62	26.3.16	15:57	220KV WAZIRABAD - MANDOLA CKT-I	26.3.16	20:51	AT MANDOLA CKT MADE OFF MANUALLY DUE TO OVER LOADING.
63	26.3.16	21:22	SARITA VIHAR 66/11kV, 20MVA Tx-II	26.3.16	23:05	TX TRIPPED ON OLTC BUCHHOLZ.
64	30.3.16	07:46	220kV MEHRAULI - VASANT KUNJ CKT.-I	30.3.16	08:10	AT MEHRAULI CKT TRIPPED ON 67NX,186A&B.
65	30.3.16	07:46	MEHRAULI 220/66kV 160MVA Tx-I	30.3.16	08:20	66KV I/C OF TX TRIPPED ON O/C,E/F,86.
66	30.3.16	07:46	MEHRAULI 66kV MALVIYA NAGAR CKT-II	30.3.16	15:19	CKT TRIPPED ON O/C,E/F. Y-PH POLE OF CB DAMAGED.
67	30.3.16	13:35	INDRAPRASTHA POWER 220/33kV 100MVA Tx-III	31.3.16	18:03	TX TRIPPED O 51N,86,186 AND 33KV I/C TRIPPED ON 86,95 A B & C. CB OF 33KV I/C-3 DAMAGED.
68	30.3.16	13:51	220kV GOPALPUR-MANDOLACKT-II	30.3.16	15:52	AT MANDOLA CKT TRIPPED ON 85LO,86B,86BUX,AA. CKT DID NOT TRIP AT GOPALPUR.
69	30.3.16	13:51	220kV WAZIRABAD-GEETA COLONY CKT-II	30.3.16	14:24	AT GEETA COLONY CKT TRIPPED ON D/P,Z-1,DIST-3.657,86. AT WZB CKT TRIPPED ON D/P,Z-1,DIST-3.6KM.
70	30.3.16	13:51	220kV GOPALPUR-MANDOLACKT-I	30.3.16	15:52	AT MANDOLA CKT TRIPPED ON 85LO,86B,86BUX,AA. CKT DID NOT TRIP AT GOPALPUR.
71	31.3.16	15:50	PARKSTREET 220/33kV 100MVA Tx-I	31.3.16	16:10	TX TRIPPED ON 86 AND 33KV I/C TRIPPED ON 51N.
72	31.3.16	15:50	PARKSTREET 220/33kV 100MVA Tx-II	31.3.16	16:10	TX TRIPPED ON 86 AND 33KV I/C TRIPPED ON 51N,51C.

20 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF MARCH 2016

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