DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

FEBRUARY 2016

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	FEB. 2015	FEB 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)**	**3847**	**3849**
	Date	06.02.2015	03.02.2016
	Time	10.09.58	09.55.29
3	**Peak Demand met (MW)**	**3847**	**3845**
	Date	06.02.2015	03.02.2016
	Time	10.09.58	09.55.29
4	Peak Availability (MW)	3783	3557
5	Shortage (-) / Surplus (+) in MW	(-) 64	(-) 288
6	Percentage Shortage (-) / Surplus (+)	(-) 1.66	(-) 7.49
7	Maximum Energy Consume in a day (Mus)	65.588	64.658
8	Energy Consumed during the month	**04.02.2015**	**1765.679**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.007	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	0.047	0.407
	BRPL	0.099	0.000
	BYPL	0.011	0.000
	NDMC	0.000	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.050	0.000
	Total due to Grid Restriction	**0.214**	**0.407**
B)	Due to Constraints in System in Mus		
	DTL	0.018	0.119
	NDPL	0.267	0.150
	BRPL	0.160	0.423
	BYPL	0.106	0.161
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.002	0.000
	Total	**0.553**	**0.854**
11	**Grand Total in Mus**	**0.767**	**1.261**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING FEBRUARY 2016

A) For the month of February 2016

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	**RPH**	0.000	0.317	-0.317	0.000	0
2.	**GT**	27.934	1.218	26.716	90.56	138.638
3.	**PPCL**	100.814	2.500	98.314	61.93	39.838
4.	**BTPS**	129.102	11.806	117.296	30.28	16.636
5.	**Rithala**	0.000	0.058	-0.058	**89.17**	57.072
6.	**Bawana**	180.850	6.367	174.483	77.29	545.200
7.	**Towmcl**	11.691	1.631	10.060	--	--
	TOTAL	**450.391**	**23.897**	**426.494**	**349.23**	**797.384**

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

Power Station	Effective Capacity (MW)	Net Generation in MUs for Feb 2016	Availability (%) for Feb 2016	PLF (%) for Feb 2016	Cumulative Generation in MUs upto Feb 2016 for the year 2015-16	Cumulative Availability in % upto Feb 2016 for the year 2015-16	Cumulative PLF in % upto Feb 2016 for the year 2015-16
RPH	135	-0.317	0.000	-1.06	33.976	61.36	3.08
GT	270	26.716	90.56	14.50	417.853	73.33	19.66
PPCL	330	98.314	61.93	44.05	1493.331	94.90	57.77
BTPS	705	117.296	30.28	26.47	1779.848	81.68	38.15
Rithala	108	-0.058	**89.17**	0.00	-0.670	**87.61**	**0.00**
Bawana	1372	174.483	77.29	18.70	1705.926	63.83	16.06
Towmcl	16	10.060	--	--	114.088	--	--
TOTAL	2936	**426.494**	**349.23**	**--**	**5544.352**	**--**	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2014 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	31.01.16	23:59	

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	31.01.16	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	31.1.16	23:59	M/c not available due to problem in diesel engine.

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	31.01.16	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	31.01.16	23:59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
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	

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	31.01.16	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 -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	31.1.16	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.

(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

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	29.02.16	23.59	Stopped for overhauling of unit

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

(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	29.02.16	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	29.02.16	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	29.02.16	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	29.02.16	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	29.02.16	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	

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	

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	Stopped due to low demand and high frequency
		01.11.15	00.00	09.11.15	01.25	
		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	29.02.16	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	29.02.16	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	29.02.16	23.59	Stopped due to low demand and high frequency

(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	29.02.16	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	29.02.16	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	29.02.16	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

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**

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 FEBRUARY 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	09.45.17	0	41	140	0	254	12	161	608	3050	3072	-22	3658	0	3658
2	09.51.25	0	41	140	0	252	13	160	606	3126	2999	127	3732	40	3772
3	09.55.29	0	41	140	0	253	15	189	638	3207	2919	288	3845	4	3849
4	09.59.43	0	40	140	0	252	14	195	641	3154	2948	206	3795	0	3795
5	10.40.30	0	40	140	0	253	14	190	637	3282	3026	256	3919	2	3921
6	10.30.58	0	41	140	0	255	13	159	608	2936	2830	106	3544	2	3546
7	09.40.58	0	34	142	0	253	13	163	605	3034	2716	318	3639	0	3639
8	09.52.31	0	36	140	0	255	13	158	602	3112	3001	111	3714	0	3714
9	09.59.29	0	36	140	0	251	13	160	600	3025	2693	332	3625	0.1	3625
10	09.53.26	0	37	140	0	253	14	154	598	3060	2987	73	3658	0	3658
11	10.40.12	0	36	141	0	252	13	155	597	2982	2844	138	3579	0	3579
12	10.11.23	0	37	141	0	253	14	157	602	3073	2940	133	3675	0	3675
13	10.53.14	0	37	141	0	253	12	158	601	2905	2819	86	3506	0	3506
14	10.11.56	0	34	140	0	252	14	154	594	3010	2805	205	3604	0	3604
15	10.56.39	0	37	146	0	252	13	158	606	2925	2709	216	3531	0	3531
16	09.35.53	0	36	145	0	252	14	159	606	2857	2778	79	3463	0	3463
17	10.05.47	0	35	144	0	252	13	155	599	2979	2868	111	3578	0	3578
18	10.07.24	0	35	140	0	250	13	161	599	2836	2597	239	3435	7	3442
19	10.35.32	0	36	142	0	255	14	166	613	3026	2834	192	3639	12	3651
20	09.36.39	0	36	141	0	254	13	160	604	2546	2653	-107	3150	0	3150
21	09.58.39	0	39	142	0	253	13	152	599	2580	2569	11	3179	0	3179
22	10.30.00	0	39	143	0	256	14	159	611	2585	2455	130	3196	0	3196
23	10.14.32	0	39	141	0	253	14	157	604	2573	2557	16	3177	0	3177
24	09.30.00	0	39	148	0	254	13	162	616	2582	2519	63	3198	0	3198
25	10.31.43	0	39	148	0	253	16	160	616	2648	2573	75	3264	0	3264
26	10.34.00	0	39	146	0	257	16	158	616	2791	2778	13	3407	0	3407
27	10.31.16	0	39	146	0	254	16	144	599	2564	2351	213	3163	0	3163
28	10.33.08	0	39	147	0	253	16	160	615	2472	2513	-41	3087	0	3087
29	10.00.00	0	39	144	0	249	16	165	613	2526	2535	-9	3139	0	3139

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING FEBRUARY 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	Townmcl	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	09.45.17	0	41	140	0	254	12	161	608	3050	3072	-22	3658	0	3658
2	09.51.25	0	41	140	0	252	13	160	606	3126	2999	127	3732	40	3772
3	09.55.29	0	41	140	0	253	15	189	638	3207	2919	288	3845	4	3849
4	09.59.43	0	40	140	0	252	14	195	641	3154	2948	206	3795	0	3795
5	10.40.30	0	40	140	0	253	14	190	637	3282	3026	256	3919	2	3921
6	10.30.58	0	41	140	0	255	13	159	608	2936	2830	106	3544	2	3546
7	09.40.58	0	34	142	0	253	13	163	605	3034	2716	318	3639	0	3639
8	09.52.31	0	36	140	0	255	13	158	602	3112	3001	111	3714	0	3714
9	09.59.29	0	36	140	0	251	13	160	600	3025	2693	332	3625	0.1	3625
10	09.53.26	0	37	140	0	253	14	154	598	3060	2987	73	3658	0	3658
11	10.40.12	0	36	141	0	252	13	155	597	2982	2844	138	3579	0	3579
12	10.11.23	0	37	141	0	253	14	157	602	3073	2940	133	3675	0	3675
13	10.53.14	0	37	141	0	253	12	158	601	2905	2819	86	3506	0	3506
14	10.11.56	0	34	140	0	252	14	154	594	3010	2805	205	3604	0	3604
15	10.56.39	0	37	146	0	252	13	158	606	2925	2709	216	3531	0	3531
16	09.35.53	0	36	145	0	252	14	159	606	2857	2778	79	3463	0	3463
17	10.05.47	0	35	144	0	252	13	155	599	2979	2868	111	3578	0	3578
18	10.07.24	0	35	140	0	250	13	161	599	2836	2597	239	3435	7	3442
19	10.35.32	0	36	142	0	255	14	166	613	3026	2834	192	3639	12	3651
20	09.36.39	0	36	141	0	254	13	160	604	2546	2653	-107	3150	0	3150
21	09.58.39	0	39	142	0	253	13	152	599	2580	2569	11	3179	0	3179
22	10.30.00	0	39	143	0	256	14	159	611	2585	2455	130	3196	0	3196
23	10.14.32	0	39	141	0	253	14	157	604	2573	2557	16	3177	0	3177
24	09.30.00	0	39	148	0	254	13	162	616	2582	2519	63	3198	0	3198
25	10.31.43	0	39	148	0	253	16	160	616	2648	2573	75	3264	0	3264
26	10.34.00	0	39	146	0	257	16	158	616	2791	2778	13	3407	0	3407
27	10.31.16	0	39	146	0	254	16	144	599	2564	2351	213	3163	0	3163
28	10.33.08	0	39	147	0	253	16	160	615	2472	2513	-41	3087	0	3087
29	10.00.00	0	39	144	0	249	16	165	613	2526	2535	-9	3139	0	3139

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

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

A (i) RPH	0.000
(ii) GT+STG	27.934
(iii) PRAGATI	100.814
(iv) RITHALA	0.000
(v) BAWANA CCGT	180.850
(vi) Timarpur ï Okhla	11.691
TOTAL	321.289
B) AVAILABILITY FROM BTPS	111.820
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	12.091
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**421.018**

B) SOURCE WISE SCHEDULED DRAWL FROM THE NORTHERN GRID

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
B/SUIL	1.993	1.914	1.486	1.427
SALAL	9.514	9.126	7.100	6.810
SASAN	276.418	264.963	277.157	265.663
TANKAPUR	0.903	0.865	0.678	0.649
CHAMERA	4.930	4.732	3.679	3.530
CHAMERA -II	4.263	4.088	3.180	3.049
CHAMERA -III	2.009	1.927	1.499	1.438
DHAULIGANGA	2.649	2.538	1.976	1.893
SEWA -2	1.757	1.687	1.311	1.259
URI	19.205	18.429	14.337	13.758
URI-II	13.492	12.943	10.071	9.662
KOLDAM	2.787	2.662	2.787	2.662
KOTESHWAR	8.909	8.542	8.909	8.542
PARBATI3	0.509	0.490	0.380	0.366
RAMPUR	0.000	0.000	0.000	0.000
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	0.000	0.000	0.000	0.000
ANTA (RLNG)	30.291	29.041	0.000	0.000
ANTA (LIQUID)	0.000	0.000	0.000	0.000
DADRI (GAS)	59.212	56.764	19.000	18.214
DADRI (RLNG)	2.936	2.818	0.000	0.000
DADRI (LIQUID)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	35.866	34.387	11.452	10.977
AURAIYA (RLNG)	10.278	9.837	0.000	0.000
AURAIYA (LIQUID)	0.000	0.000	0.000	0.000
SINGRAULI	92.141	88.384	87.466	83.912
RIHAND -I	57.478	55.105	44.223	42.404
RIHAND -II	84.046	80.576	70.065	67.180
RIHAND -III	88.784	85.117	77.797	74.591
UNCHAHAR-I	16.123	15.458	9.245	8.860
UNCHAHAR-II	31.466	30.167	22.086	21.167
UNCHAHAR-III	19.411	18.610	13.447	12.886
DADRI (TH)	510.516	489.444	345.261	330.897
DADRI (TH) STAGE-II	509.732	488.683	392.106	375.870
NAPP	30.486	29.227	30.486	29.227
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	37.490	35.943	37.490	35.943
NATHPA JHAKRI	17.624	16.897	13.148	12.606
DULASTI	9.128	8.752	6.810	6.530
TEHRI	13.652	13.088	13.652	13.088
JHAJJAR	0.000	0.000	0.000	0.000
KHELGAON	25.820	24.760	15.085	14.464
KHELGAON-II	104.541	100.229	77.326	74.132
FARAKA	12.531	12.005	7.398	7.086
TALA	0.662	0.634	0.661	0.633

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
TALCHER	0.000	0.000	0.000	0.000
DVC	140.166	138.095	138.095	132.890
UTTAR PRADESH	6.620	6.431	6.431	6.189
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	161.845	159.450	159.450	153.467
DVC MEJIA (LT-08)(BYPL)	64.599	63.642	63.642	61.245
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	0.697	0.684	0.684	0.659
HIMACHAL PRADESH	0.000	0.000	0.000	0.000
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)	8.393	8.238	8.238	7.924
RAJASTHAN	0.000	0.000	0.000	0.000
ORISSA	0.000	0.000	0.000	0.000
RAJASTHAN(SOLAR) BRPL-LT36	3.908	3.758	3.758	3.616
RAJASTHAN(SOLAR) BYPL - LT-35	3.989	3.836	3.836	3.691
RAJASTHAN(SOLAR) TPDDL LT-31	3.931	3.780	3.780	3.637
TO JAMMU & KASHMIR	-289.564	-295.798	-295.798	-308.546
TO KARNATAKA	-3.007	-3.084	-3.084	-3.200
TO UTTAR PRADESH	0.000	0.000	0.000	0.000
TO MEGHALAYA	-19.011	-19.363	-19.363	-20.197
TO PUNJAB	0.000	0.000	0.000	0.000
TO CHATTISHGARH	-30.577	-31.207	-31.207	-32.558
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO KERALA	-8.049	-8.235	-8.235	-8.547
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	-70.030	-72.276	-72.276	-75.390
TO ORISSA	-66.985	-67.990	-67.990	-70.918
POWER EXCHANGE(IEX)	49.235	47.367	49.235	47.367
TO POWER EXCHANGE (IEX)	-110.080	-114.764	-110.080	-114.764
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (PX)	-0.059	-0.061	-0.059	-0.061
TO SHARE PROJECT (HARYANA)	-16.682	-17.400	-16.682	-17.400
TO SHARE PROJECT (PUNJAB)	-16.682	-17.400	-16.682	-17.400
TOTAL	**1962.213**	**1848.537**	**1424.446**	**1313.078**

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	1551.069	1487.054	1094.934	1049.620
NTPC - ER	142.892	136.994	99.809	95.682
NHPC	70.352	67.493	52.506	50.371
NPC	67.976	65.170	67.976	65.170
SASAN	276.418	264.963	277.157	265.663
KOTESHWAR	8.909	8.542	8.909	8.542
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	17.624	16.897	13.148	12.606
TEHRI	13.652	13.088	13.652	13.088
TALA	0.662	0.634	0.661	0.633
JHAJJAR	0.000	0.000	0.000	0.000
TALCHER	0.000	0.000	0.000	0.000
RAJASTHAN SOLAR(BRPL)T-36	3.908	3.758	3.758	3.616
RAJASTHAN SOLAR(BYPL)T-35	3.989	3.836	3.836	3.691
RAJASTHAN SOLAR(TPDDL)T-31	3.931	3.780	3.780	3.637
DVC	140.166	138.095	138.095	132.890
UTTAR PRADESH	6.620	6.431	6.431	6.189
TRIPURA	0.000	0.000	0.000	0.000

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
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	161.845	159.450	159.450	153.467
DVC MEJIA (LT-08)(BYPL)	64.599	63.642	63.642	61.245
URS	0.000	0.000	0.000	0.000
JAMMU & KASHMIR	0.697	0.684	0.684	0.659
HIMACHAL PRADESH	0.000	0.000	0.000	0.000
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)	8.393	8.238	8.238	7.924
RAJASTHAN	0.000	0.000	0.000	0.000
ORISSA	0.000	0.000	0.000	0.000
POWER EXCHANGE(IEX)	49.235	47.367	49.235	47.367
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**2592.938**	**2496.114**	**2065.900**	**1982.059**

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	-289.564	-295.798	-295.798	-308.546
TO KARNATAKA	-3.007	-3.084	-3.084	-3.200
TO UTTAR PRADESH	0.000	0.000	0.000	0.000
TO MEGHALAYA	-19.011	-19.363	-19.363	-20.197
TO CHATTISHGARH	-30.577	-31.207	-31.207	-32.558
TO PUNJAB	0.000	0.000	0.000	0.000
TO MADHYA PRADESH	0.000	0.000	0.000	0.000
TO KERALA	-8.049	-8.235	-8.235	-8.547
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	-70.030	-72.276	-72.276	-75.390
TO ORISSA	-66.985	-67.990	-67.990	-70.918
TO POWER EXCHANGE (IEX)	-110.080	-114.764	-110.080	-114.764
TO POWER EXCHANGE (PX)	-0.059	-0.061	-0.059	-0.061
TO SHARE PROJECT (HARYANA)	-16.682	-17.400	-16.682	-17.400
TO SHARE PROJECT (PUNJAB)	-16.682	-17.400	-16.682	-17.400
TOTAL	**-630.725**	**-647.577**	**-641.454**	**-668.981**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**1962.213**	**1848.537**	**1424.446**	**1313.078**

TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS		1777.770
NET CONSUMPTION		**1765.679**
AVAILABILITY WITHIN DELHI		421.018
ACTUAL DRAWAL FROM THE GRID		1344.661
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY		31.583
LOAD SHEDDING		1.261
UNRESTRICTED DEMAND (GROSS)		1779.031
UNRESTRICTED DEMAND (NET)		1766.940
MAX. NET CONSUMPTION		64.658 ON 05.02.2016
MAX. LOAD SHEDDING		128MW ON 18.02.2016 AT 17.00HRS.
PEAK LOAD	Peak Demand during the month	SHEDDING AT PEAK TIME
DAY PEAK	3485MW AT 09.55.29HRS ON 03.02.2016	4 MW
EVENING PEAK	3343MW AT 19.00HRS ON 05.02.2016	0 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH	0.00%
	GT	14.86%
	PRAGATI	43.89%
	RITHALA	0.00%
	BAWANA	18.95%
	Timarpur Okhla	104.98%

9 SHEDDING DETAILS DURING THE MONTH OF FEBRUARY 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-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
02-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
03-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
04-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
05-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
06-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.043	0.006	0.000	0.000
07-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.044	0.000	0.000	0.000
08-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
09-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
10-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
11-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
12-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
13-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
14-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.007	0.000	0.000	0.000
15-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.025	0.004	0.000	0.000
16-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
17-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
18-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.111	0.007	0.000	0.000
19-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.049	0.073	0.000	0.000
20-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
21-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
22-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.023	0.000	0.000
23-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
24-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
25-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.012	0.000	0.000	0.000
26-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.003	0.000	0.000	0.000
27-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
28-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
29-Feb-16	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000	0.000
TOTAL	**0**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.294**	**0.113**	**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.Feb.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.Feb.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.Feb.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**
04.Feb.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.Feb.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.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.049**	**0.049**
07.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.044**	**0.044**
08.Feb.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.Feb.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**
10.Feb.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**
11.Feb.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**
12.Feb.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.Feb.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.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.007**	**0.007**
15.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.029**	**0.029**
16.Feb.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.Feb.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**
18.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.118**	**0.118**
19.Feb.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**
20.Feb.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.Feb.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.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.023**	**0.023**
23.Feb.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.Feb.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.Feb.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**
26.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.003**	**0.003**
27.Feb.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.Feb.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.Feb.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**
TOTAL	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.407**	**0.407**

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.Feb.16	0.000	0.000	0.000	0.000	0.000	0.005	0.053	0.000	0.000
02.Feb.16	0.000	0.000	0.000	0.000	0.000	0.004	0.052	0.000	0.000
03.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.023	0.004	0.000
04.Feb.16	0.002	0.000	0.043	0.000	0.000	0.000	0.000	0.004	0.000
05.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.072	0.001	0.000
06.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000
07.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.031	0.000	0.000
08.Feb.16	0.000	0.024	0.000	0.000	0.000	0.024	0.015	0.000	0.000
09.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000
10.Feb.16	0.000	0.000	0.000	0.000	0.000	0.024	0.014	0.000	0.000
11.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000
12.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000
13.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000
14.Feb.16	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000
15.Feb.16	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000
16.Feb.16	0.000	0.000	0.000	0.000	0.000	0.010	0.005	0.004	0.000
17.Feb.16	0.000	0.000	0.000	0.000	0.000	0.035	0.044	0.002	0.000
18.Feb.16	0.000	0.000	0.000	0.000	0.000	0.002	0.055	0.002	0.000
19.Feb.16	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.036	0.000
20.Feb.16	0.002	0.040	0.0004	0.000	0.000	0.000	0.004	0.0002	0.000
21.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.Feb.16	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000
24.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.Feb.16	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000
26.Feb.16	0.000	0.000	0.000	0.000	0.000	0.030	0.009	0.005	0.000
27.Feb.16	0.000	0.000	0.000	0.000	0.000	0.009	0.002	0.000	0.000
28.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000
29.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	**0.006**	**0.064**	**0.049**	**0.000**	**0.000**	**0.161**	**0.423**	**0.058**	**0.000**

ALL FIGURES IN MUs

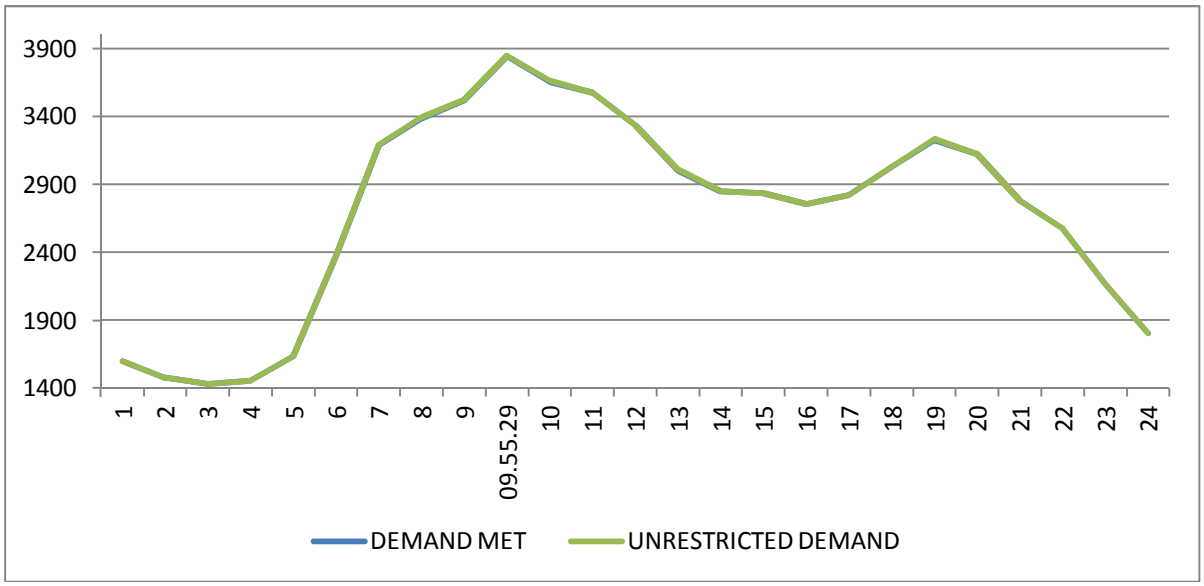
DATE	OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.				THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	BSES		NDPL	NDMC	BSES		NDPL		
	BYPL	BRPL			BYPL	BRPL			
1	35	36	37	38	39	40	41	42= 26 to 41	43 = 25 + 42
01.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.059**	**0.059**
02.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.057**	**0.057**
03.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.028**	**0.028**
04.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.051**	**0.051**
05.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.074**	**0.074**
06.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.007	**0.015**	**0.064**
07.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.031**	**0.075**
08.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.063**	**0.063**
09.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.005	**0.013**	**0.013**
10.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.003	**0.041**	**0.041**
11.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.009**	**0.009**
12.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.007**	**0.007**
13.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.005	**0.007**	**0.007**
14.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.003**	**0.010**
15.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.006	**0.020**	**0.049**
16.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.006	**0.025**	**0.025**
17.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.015	**0.096**	**0.096**
18.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.007	**0.066**	**0.184**
19.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.012	**0.050**	**0.172**
20.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.047**	**0.047**
21.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
22.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.010	**0.010**	**0.033**
23.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.004**	**0.004**
24.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.001	**0.001**	**0.001**
25.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.006**	**0.018**
26.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.044**	**0.047**
27.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.013**	**0.013**
28.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.002	**0.014**	**0.014**
29.Feb.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.000**
TOTAL	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.092**	**0.854**	**1.261**

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.Feb.16	61.832	3658	09:45:17	0	3658	3658	09:45:17	3658	0
02.Feb.16	62.834	3732	09:51:25	40	3772	3772	09:51:25	3732	40
03.Feb.16	64.480	3845	09:55:29	4	3849	3849	09:55:29	3845	4
04.Feb.16	64.233	3795	09:59:43	0	3795	3795	09:59:43	3795	0
05.Feb.16	64.658	3819	10:40:30	2	3821	3821	10:40:30	3819	2
06.Feb.16	61.221	3544	10:30:58	2	3546	3546	10:30:58	3544	2
07.Feb.16	59.657	3639	09:40:58	0	3639	3639	09:40:58	3639	0
08.Feb.16	62.474	3714	09:52:31	0	3714	3714	09:52:31	3714	0
09.Feb.16	63.036	3625	09:59:29	0.1	3625	3625	09:59:29	3625	0.1
10.Feb.16	63.540	3658	09:53:26	0	3658	3658	09:53:26	3658	0
11.Feb.16	62.805	3579	10:40:12	0	3579	3579	10:40:12	3579	0
12.Feb.16	62.824	3675	10:11:23	0	3675	3675	10:11:23	3675	0
13.Feb.16	59.454	3506	10:53:14	0	3506	3506	10:53:14	3506	0
14.Feb.16	58.068	3604	10:11:56	0	3604	3604	10:11:56	3604	0
15.Feb.16	60.809	3531	10:56:39	0	3531	3531	10:56:39	3531	0
16.Feb.16	60.902	3463	09:35:53	0	3463	3463	09:35:53	3463	0
17.Feb.16	62.260	3578	10:05:47	0	3578	3578	10:05:47	3578	0
18.Feb.16	61.393	3435	10:07:24	7	3442	3442	10:07:24	3435	7
19.Feb.16	63.009	3639	10:35:32	12	3651	3651	10:35:32	3639	12
20.Feb.16	58.009	3150	09:36:39	0	3150	3150	09:36:39	3150	0
21.Feb.16	55.634	3189	09:58:39	0	3189	3189	09:58:39	3189	0
22.Feb.16	56.660	3196	10:30	0	3196	3196	10:30	3196	0
23.Feb.16	58.508	3177	10:14:32	0	3177	3177	10:14:32	3177	0
24.Feb.16	59.724	3198	09:30	0	3198	3198	09:30	3198	0
25.Feb.16	60.240	3264	10:31:43	0	3264	3264	10:31:43	3264	0
26.Feb.16	61.342	3407	10:34:00	0	3407	3407	10:34:00	3407	0
27.Feb.16	58.454	3163	10:31:16	0	3163	3163	10:31:16	3163	0
28.Feb.16	56.685	3087	10:33:08	0	3087	3087	10:33:08	3087	0
29.Feb.16	60.934	3139	10:00	0	3139	3139	10:00	3139	0
TOTAL	1765.679	3845 03.02.16	09:55:29	4	3849 03.02.16	3849	09:55:29	3845	4

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING FEBRUARY 2016 ON 03.02.2016- 3845MW AT 09.55.29HRS.

All figures in MW

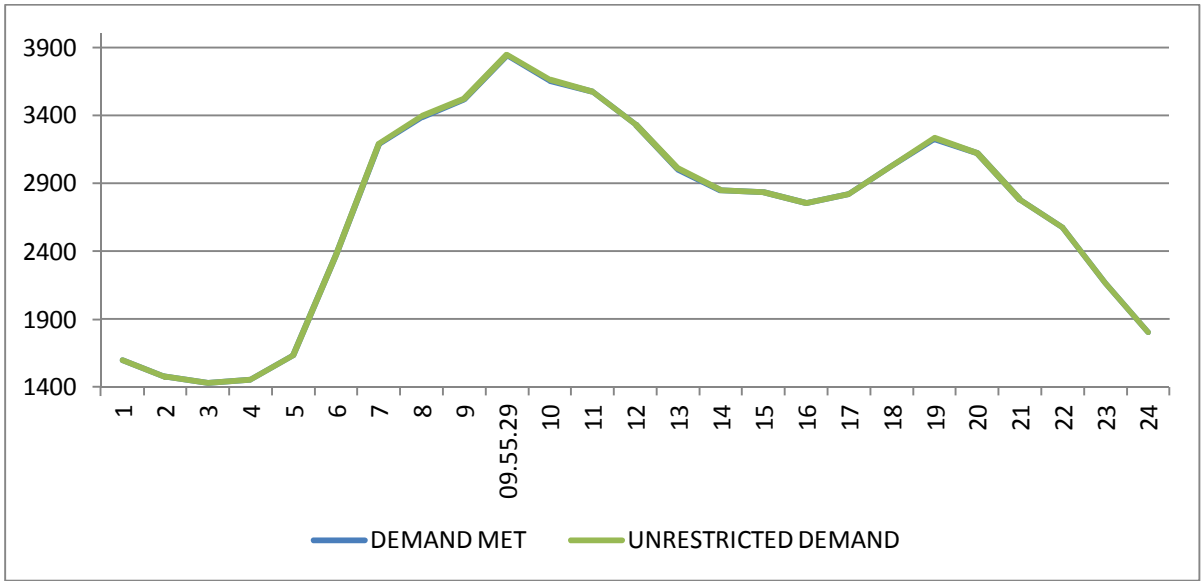
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	1601	0	1601
2	1477	0	1477
3	1431	0	1431
4	1454	0	1454
5	1634	0	1634
6	2375	0	2375
7	3190	2	3192
8	3388	7	3395
9	3519	5	3524
09.55.29	3845	4	3849
10	3657	6	3663
11	3574	2	3576
12	3335	1	3336
13	3007	1	3008
14	2848	0	2848
15	2837	0	2837
16	2756	0	2756
17	2820	0	2820
18	3031	0	3031
19	3228	10	3238
20	3121	0	3121
21	2778	0	2778
22	2578	0	2578
23	2169	0	2169
24	1804	0	1804
Total (IN MUS)	**64.48**	**0.028**	**64.508**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING FEBRUARY 2016 ON 03.02.2016- 3849MW AT 09.55.29HRS.

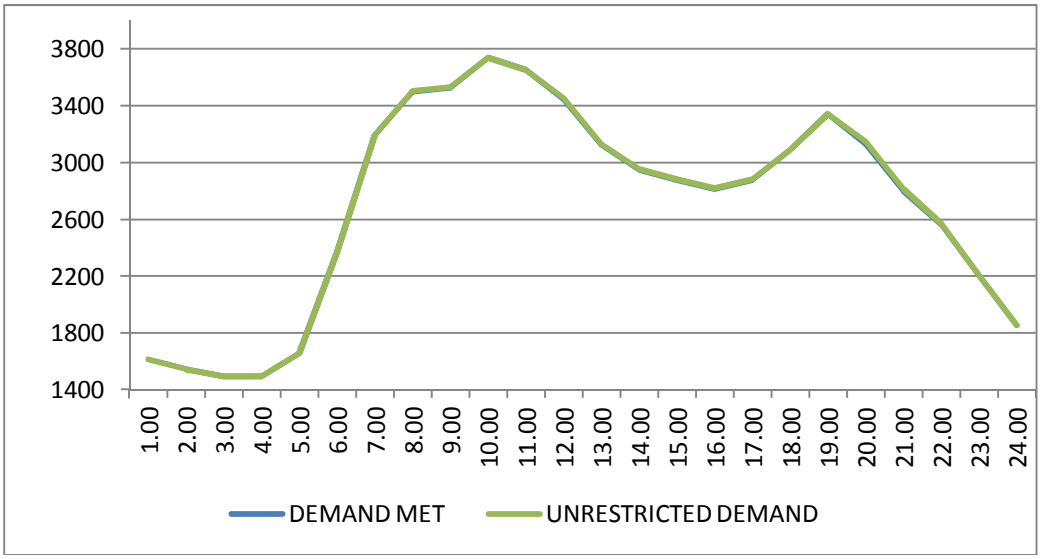
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1	1601	0	1601
2	1477	0	1477
3	1431	0	1431
4	1454	0	1454
5	1634	0	1634
6	2375	0	2375
7	3190	2	3192
8	3388	7	3395
9	3519	5	3524
09.55.29	3845	4	3849
10	3657	6	3663
11	3574	2	3576
12	3335	1	3336
13	3007	1	3008
14	2848	0	2848
15	2837	0	2837
16	2756	0	2756
17	2820	0	2820
18	3031	0	3031
19	3228	10	3238
20	3121	0	3121
21	2778	0	2778
22	2578	0	2578
23	2169	0	2169
24	1804	0	1804
Total (IN MUS)	**64.48**	**0.028**	**64.508**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING FEBRUARY 2016 – 05.02.2016 – 64.658Mus All figures in MW

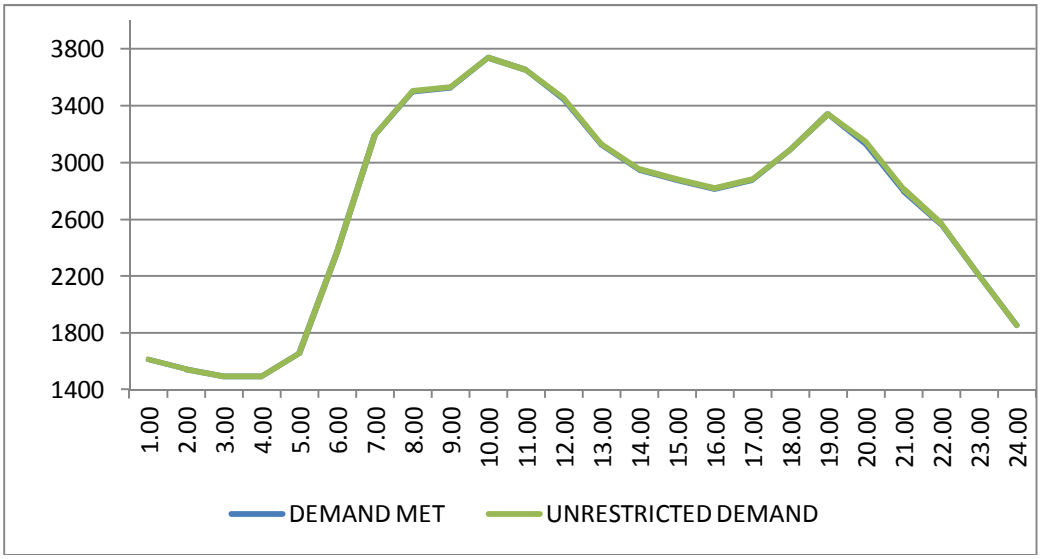
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1615	0	1615
2.00	1545	0	1545
3.00	1492	0	1492
4.00	1494	0	1494
5.00	1657	0	1657
6.00	2370	0	2370
7.00	3194	0	3194
8.00	3499	7	3506
9.00	3525	6	3531
10.00	3740	0	3740
11.00	3652	2	3654
12.00	3447	7	3454
13.00	3124	5	3129
14.00	2948	5	2953
15.00	2876	5	2881
16.00	2814	5	2819
17.00	2879	5	2884
18.00	3089	0	3089
19.00	3343	0	3343
20.00	3129	18	3147
21.00	2801	13	2814
22.00	2568	5	2573
23.00	2206	0	2206
24.00	1855	0	1855
Total (IN MUS)	**64.658**	**0.074**	**64.732**



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING FEBRUARY 2016 – 05.02.2016 – 64.732 Mus

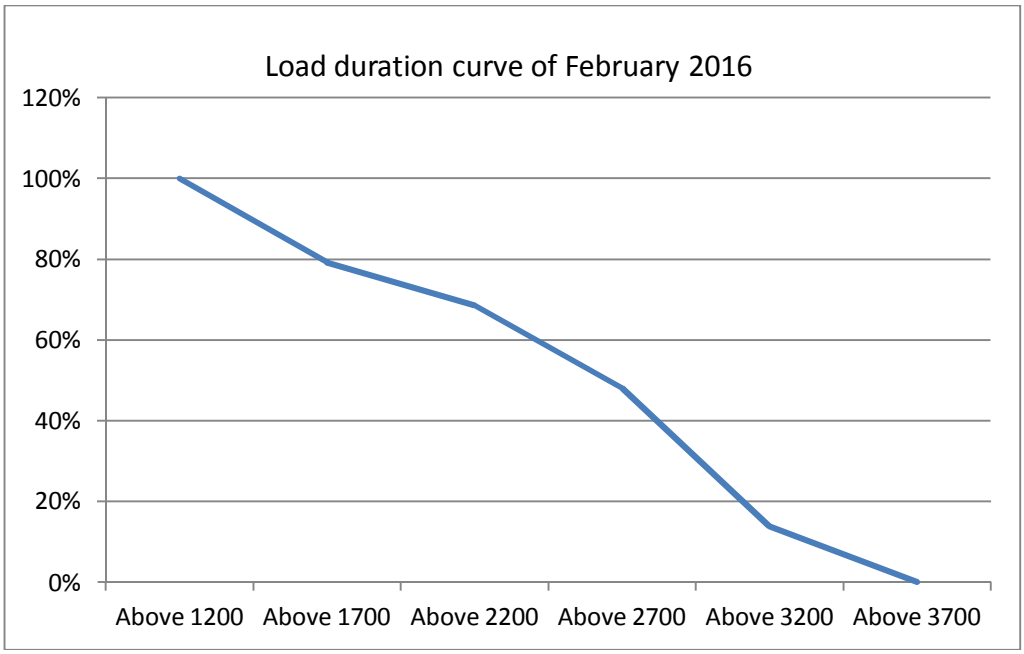
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	1615	0	1615
2.00	1545	0	1545
3.00	1492	0	1492
4.00	1494	0	1494
5.00	1657	0	1657
6.00	2370	0	2370
7.00	3194	0	3194
8.00	3499	7	3506
9.00	3525	6	3531
10.00	3740	0	3740
11.00	3652	2	3654
12.00	3447	7	3454
13.00	3124	5	3129
14.00	2948	5	2953
15.00	2876	5	2881
16.00	2814	5	2819
17.00	2879	5	2884
18.00	3089	0	3089
19.00	3343	0	3343
20.00	3129	18	3147
21.00	2801	13	2814
22.00	2568	5	2573
23.00	2206	0	2206
24.00	1855	0	1855
Total (IN MUS)	**64.658**	**0.074**	**64.732**



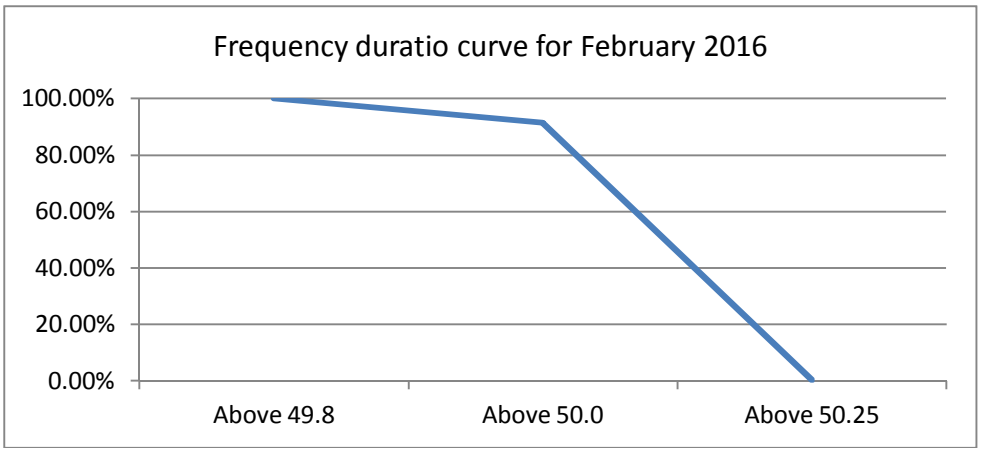
14 LOAD DURATION CURVE FOR FEBRUARY 2016

Load in MW	Percentage of Time
1200	100
1700	79.2
2200	68.46
2700	48.06
3200	13.83
3700	0.04



15 FREQUENCY ANALYSIS FOR THE MONTH OF FEBRUARY 2016

Frequency Range in Hz.	Percentage of time
49.8	100
50.0	91.24
50.2	0.50



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

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01.Feb.16	232.66	219.63	233.30	220.92
02.Feb.16	233.30	219.24	233.95	221.82
03.Feb.16	232.53	218.21	232.66	219.11
04.Feb.16	233.17	217.18	232.76	219.76
05.Feb.16	233.04	216.28	233.17	218.86
06.Feb.16	231.49	220.79	233.04	220.53
07.Feb.16	235.36	220.92	234.33	222.08
08.Feb.16	234.33	219.24	234.98	220.53
09.Feb.16	234.07	219.11	234.98	211.50
10.Feb.16	232.53	219.11	234.46	21.58
11.Feb.16	233.17	218.47	234.98	221.56
12.Feb.16	233.04	215.76	233.95	219.24
13.Feb.16	233.17	219.89	234.07	221.05
14.Feb.16	234.33	219.63	233.69	224.01
15.Feb.16	234.98	218.34	234.46	220.79
16.Feb.16	234.07	217.57	232.53	219.83
17.Feb.16	233.04	216.92	232.78	219.89
18.Feb.16	234.07	217.31	233.30	221.69
19.Feb.16	233.95	216.53	233.17	218.47
20.Feb.16	234.33	219.50	233.95	221.69
21.Feb.16	233.43	222.08	232.40	222.98
22.Feb.16	231.88	218.98	233.04	221.05
23.Feb.16	233.17	217.31	233.82	221.18
24.Feb.16	233.17	216.02	233.82	219.89
25.Feb.16	231.37	214.60	231.88	219.24
26.Feb.16	232.40	216.28	232.40	220.15
27.Feb.16	234.07	217.18	234.33	219.63
28.Feb.16	233.30	220.40	232.14	222.98
29.Feb.16	232.66	218.47	232.78	220.27

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

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Feb.16	420.87	04.00.54	400.27	10.16	410.23
02.Feb.16	422.08	05.02.38	401.68	09.35	410.95
03.Feb.16	420.20	02.03.10	399.1	09.46	408.88
04.Feb.16	420.67	03.01.54	397.45	10.18	409.66
05.Feb.16	419.50	04.02.07	396.99	10.16	408.95
06.Feb.16	419.26	02.01.50	398.16	11.13	409.71
07.Feb.16	421.84	04.01.33	399.1	12.13	412.42
08.Feb.16	422.08	05.00.57	397.22	09.12	410.18
09.Feb.16	421.61	03.00.49	396.75	09.17	408.6
10.Feb.16	419.03	04.04.53	399.33	12.19	409.04
11.Feb.16	421.61	04.04.27	399.57	09.49	409.71
12.Feb.16	419.50	04.04.10	394.88	12.21	407.21
13.Feb.16	419.73	05.02.03	398.16	09.18	408.48
14.Feb.16	419.73	04.02.16	400.27	12.29	411.51
15.Feb.16	421.84	05.03.10	397.22	09.32	409.27
16.Feb.16	420.43	04.03.19	396.05	09.16	408.51
17.Feb.16	416.92	21.51.58	396.05	10.20	409.66
18.Feb.16	420.43	02.24.59	397.45	14.41	408.74
19.Feb.16	419.73	03.00.52	394.64	10.07	406.85
20.Feb.16	420.43	04.01.56	400.27	12.28	409.92
21.Feb.16	419.73	21.27.52	402.85	11.21	411.66
22.Feb.16	419.26	04.01.33	398.16	09.18	409.2
23.Feb.16	418.56	01.00.56	398.16	12.17	410.77
24.Feb.16	415.51	21.30.18	396.75	15.56	408.49
25.Feb.16	414.61	02.00	393.47	10.21	402.93
26.Feb.16	415.04	21.11	396.05	11.24	401.92
27.Feb.16	419.03	01.59	395.58	10.21	405.43
28.Feb.16	416.92	05.01	400.5	10.09	409.38
29.Feb.16	417.15	04.01	396.28	11.39	405.55

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01.Feb.16	427.47	04.01.09	410.12	10.15	418.05
02.Feb.16	428.64	05.00.39	410.35	11.34	419.26
03.Feb.16	429.11	02.04.02	408.94	12.22	418.83
04.Feb.16	429.58	03.01.53	408.71	10.09	419.12
05.Feb.16	428.41	02.59.42	407.77	10.16	419.2
06.Feb.16	428.64	01.16.41	410.82	11.07	420.85
07.Feb.16	432.39	04.00.42	411.06	12.14	423.87
08.Feb.16	432.16	03.02.37	411.99	09.50	422.22
09.Feb.16	431.92	03.00.40	410.35	09.17	419.84
10.Feb.16	428.64	01.16.48	410.82	12.19	419.51
11.Feb.16	430.99	04.03.00	410.82	09.47	420.24
12.Feb.16	429.58	04.04.07	406.13	12.19	418.06
13.Feb.16	430.75	21.33.50	411.52	09.16	420.20
14.Feb.16	431.46	01.27.53	411.29	12.32	423.01
15.Feb.16	432.16	02.00.54	409.65	10.11	421.19
16.Feb.16	432.16	01.27.52	407.77	10.06	419.48
17.Feb.16	429.11	02.37.02	406.83	11.19	417.63
18.Feb.16	431.22	02.26.00	407.30	14.40	419.55
19.Feb.16	431.92	21.21.03	406.83	09.14	418.82
20.Feb.16	431.1	02.26.35	411.29	12.25	422.08
21.Feb.16	430.28	03.00.04	411.52	06.08	422.57
22.Feb.16	428.88	21.26.36	409.65	09.24	420.51
23.Feb.16	430.28	00.59.38	408.71	12.18	419.02
24.Feb.16	429.81	02.25.08	405.19	12.16	417.7
25.Feb.16	427.7	21.44	402.61	16.40	415.22
26.Feb.16	426.77	01.42	404.02	11.24	415.53
27.Feb.16	430.75	02.02	404.49	10.23	415
28.Feb.16	428.64	01.05	409.58	11.19	419.37
29.Feb.16	427.94	01.56	407.77	11.39	416.3

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 FEBRUARY 2016

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	1.2.16	04:55	NARAINA 220/33kV 100MVA Tx-I	1.2.16	12:41	I/C TRIPPED ON 86 RELAY GAS PRESSURE LOW REPORTED ON 33KV BREAKER
2	1.2.16	07:57	400kV Mundka-Jhatikara Ckt-II	1.2.16	01:25	AT MUNDKA CKT. TRIPPED ON DIST PROT, ZONE-I, R PHASE, B PHASE, 86B, CVT AVAILABLE
3	1.2.16	08:02	400kV Bawana-Mundka Ckt-I	1.2.16	10:25	AT MUNDKA CKT. TRIPPED ON BN PHSE TRIP GB, ZONE-I, DIST 299.9MTS.
4	1.2.16	11:38	PARKSTREET 220/66kV 100MVA Tx-I	1.2.16	17:15	TR. TRIPPED ON REF, 195 CB, 86, 86
5	2.2.16	13:35	GEETA COLONY 220/33kV 100MVA Tx-I	CONTD.	CONTD.	TR. TRIPPED ON 30G
6	2.2.16	18:10	ROHINI 220/66kV 100MVA Tx-I	2.2.16	19:27	TR. TRIPPED ON 86, DIFFERENTIAL PROT.
7	3.2.16	18:07	220KV MUNDKA-PEERAGARHI CKT-I	3.2.16	21:33	AT MUNDKA TRIPPED ON 87N AT PEERAGARHI TRIPPED ON 86 A&B, 87N
8	4.2.16	04:00	220kV GAZIPUR- PATPARGANJ CKT	4.2.16	04:39	AT GAZIPUR CKT. TRIPED ON DIST PROT, ZONE-IV, R&Y PHASE, AT PATPARGANJ ONLY SUPPLY FAIL
9	4.2.16	04:56	220kV GAZIPUR- PATPARGANJ CKT	4.2.16	14:48	AT GAZIPUR CKT. TRIPPED ON DIST PROT, AT PATPARGANJ SUPPLY FAIL
10	4.2.16	08:38	220kV ROHINI-SHALIMARBAGH CKT-II	4.2.16	11:38	AT SHALIMARBAGH CKT. TRIPPED ON 96BB PROT., CVT AVAILABLE
11	4.2.16	08:38	220KV BAWANA-SHALIMARBAGH CKT-I	4.2.16	11:38	AT SHALIMARBAGH CKT. TRIPPED ON 96BB PROT., CVT AVAILABLE
12	4.2.16	08:38	220KV BAWANA-SHALIMARBAGH CKT-II	4.2.16	09:16	AT SHALIMARBAGH CKT. TRIPPED ON 96BB PROT., CVT AVAILABLE
13	4.2.16	08:38	SHALIMAR BAGH 220/33kV 100MVA Tx-I	4.2.16	09:39	TR. TRIPPED ON 96 BB PROT.
14	4.2.16	23:25	GOPALPUR 220/66kV 100MVA Tx-I	4.2.16	23:45	66KV I/C -I TRIPPED ON 86, 51N
15	6.2.16	01:29	400kV Ballabhgarh-Bamnauli Ckt-II	8.2.16	19:17	AT BAMNAULI RYB PHASE, ZONE-I, 186A, 186B AT BALLABGARH ZONE-I, DIST PROT, DIST 12.8KM
16	6.2.16	10:29	220kV BAMNAULI - DIAL CKT-II	6.2.16	13:08	AT BAMNAULI CKT. TRIPPED ON ZONE-I, C PHASE, 186 A&B, DIST PROT, DIST 1.9KM, TRIPPED ON HEAVY JERK AT DIAL B PHASE JUMPER DEFFECTIVE,
17	8.2.16	05:30	PAPPANKALAN-I 66/11kV, 20MVA Tx-I	8.2.16	10:45	TX TRIPPED ON OLTC BUCHHOLZ, PRV.
18	8.2.16	08:10	220kV MEHRAULI - BTPS CKT. - I	8.2.16	18:12	AT MEHRAULI CKT TRIPPED ON D/P, Z-1, A-N PHASE, DIST-3.865KM. AT BTPS CKT TRIPPED ON D/P, Z-2, DIST-15.6KM E/F. DISC INSULATOR DAMAGED AT T NO-62
19	8.2.16	08:58	220kV BAMNAULI-PAPPANKALAN-I CKT-I	8.2.16	11:58	AT BAMNAULI CKT TRIPPED ON POLE DISCREPANCY, 186A&B, 195, 295.
20	8.2.16	13:57	220kV BAMNAULI-PAPPANKALAN-I CKT-I	8.2.16	15:02	AT BAMNAULI CKT TRIPPED ON TRIP CKT SUPERVISION. AT PPK-1 CKT TRIPPED ON E/F,86.
21	8.2.16	17:53	220kV BAMNAULI-PAPPANKALAN-I CKT-I	8.2.16	17:55	AT BAMNAULI CKT TRIPPED ON DC LEAKAGE.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
22	8.2.16	20:18	PEERA GARHI 220/33kV 100MVA Tx-II	8.2.16	21:03	33KV I/C-2 OF TX TRIPPED ON 86 A&B.
23	9.2.16	06:53	220kV MUNDKA-KANJHAWALA CKT-I	9.2.16	10:18	AT MUNDKA CKT TRIPPED ON D/P,Z-1,Y-PH,DIST-12KM. SUPPLY FAILED AT KANJHAWALA.
24	9.2.16	07:47	400kV Bawana-Mundka Ckt-II	9.2.16	15:36	AT BAWANA CKT TRIPPED ON D/P,Z-1,DIST-23.07KM,186A&B. AT MUNDKA CKT TRIPPED ON D/P,Z-1,R-PH,86A&B,A/R LOCK OUT.
25	9.2.16	07:47	220kV BAWANA - KANJHAWALA CKT-2	9.2.16	10:31	AT KANJHAWALA CKT TRIPPED ON D/P,Z-1,RY&B-PH. AT BAWANA CKT TRIPPED ON D/P,A-PH TO GROUND,DIST-7.29 KM.
26	10.2.16	10:35	220kV MEHRAULI - VASANT KUNJ CKT.-I	10.2.16	20:50	AT VASANT KUNJ CKT TRIPPED ON 85RX CARRIER RECEIVE, VT FUSE FAIL. Y-PH CVT MISSING AT VASANT KUNT. CKT DIDNOT TRIP AT MEHRAULI.
27	14.2.16	23:50	220KV SHALIMARBAGH-WAZIRPUR CKT-I	15.2.16	11:20	CKT. TRIPPED ON DIST PROT, ABC PHASE, 186
28	16.2.16	13:14	PAPPANKALAN-I 220/66kV 160MVA Tx-I	16.2.16	17:48	TR. TRIPPED ON OVER FLUX
29	19.2.16	15:35	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	19.2.16	15:55	33KV I/C-1 TRIPPED ON E/F,86.
30	19.2.16	15:40	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	19.2.16	15:52	33KV I/C-2 TRIPPED ON E/F,86.
31	20.2.16	11:00	PAPPANKALAN-I 220/66kV 100MVA Tx-I	20.2.16	15:28	TX TRIPPED ON LOAD UNBALANCING.
32	20.2.16	11:00	220kV BAMNAULI-PAPPANKALAN-I CKT-II	20.2.16	19:10	CKT TRIPPED ON POLE DISCREPANCY.
33	20.2.16	20:45	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	20.2.16	21:00	33KV I/C-2 OF TX TRIPPED ON E/F.
34	20.2.16	22:20	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	21.2.16	08:00	33KV I/C-2 OF TX TRIPPED ON E/F. BUS INSULATOR OF Y-PH OF BAY-15 (CAPACITOR BANK-1)DAMAGED.
35	21.2.16	08:53	400kV Bawana-Mundka Ckt-I	21.2.16	09:58	AT MUNDKA CKT TRIPPED ON LBB.
36	22.2.16	14:23	220kV MEHRAULI - BTPS CKT. -II	22.2.16	19:00	AT MEHRAULI CKT TRIPPED ON D/P,Z-1,DIST-10.42 KM. AT BTPS CKT TRIPPED ON D/P,Z-1,DIST-10.3 KM.
37	22.2.16	14:25	220kV PRAGATI - PARK STREET CKT-II	22.2.16	14:34	AT PARK STREET CKT TRIPPED ON 86.
38	24.2.16	12:06	220kV GAZIPUR - BTPS CKT	24.2.16	16:41	AT BTPS CKT TRIPPED ON D/P,Z-1,R&B-PH,DIST-6.6 KM.
39	24.2.16	16:58	220kV GAZIPUR - BTPS CKT	25.2.16	10:33	AT BTPS CKT TRIPPED ON D/P,E/F,R&B-PH,DIST-6.7 KM.
40	25.2.16	13:39	400kV Bawana-Mundka Ckt-II	25.2.16	20:15	AT BAWANA CKT TRIPPED ON D/P, Z-1,186A&B, CB TROUBLE ALARM. R-PH JUMPER T CLAMP BROKEN.
41	25.2.16	13:39	400kV Bawana-Mundka Ckt-I	25.2.16	22:10	AT MUNDKA CKT TRIPPED ON HIGH SPEED RELAY. CKT CHARGED AT 14.07 HRS BUT HEAVY SPARKING OCCURRED AT R-PH LINE ISOLATOR SO CKT MADE OFF TO ATTEND ISOLATOR.

SL NO	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
42	25.2.16	14:00	220KVBAWANA- ROHINI CKT-II	25.2.16	14:09	AT ROHINI-2 CKT TRIPPED ON RED670,Z-1&2 & SOTF.
43	25.2.16	16:37	220kV MUNDKA-KANJHAWALA CKT-I	25.2.16	17:31	CKT MADE OFF AT MUNDKA DUE SPARKING AT Y-PH BUS-2 ISOLATOR.
44	25.2.16	20:26	400kV Bawana-Mundka Ckt-II	25.2.16	22:35	AT BAWANA CKT TRIPPED ON DIRECT TRIP RELAY.
45	26.2.16	01:44	400kV Bawana-Mundka Ckt-II	26.2.16	18:22	AT BAWANA CKT TRIPPED ON CARRIER LO RELAY. CKT DIDNOT TRIP AT MUNDKA.
46	26.2.16	04:35	VASANT KUNJ 66/11kV, 20MVA Tx-II	26.2.16	11:45	11KV I/C-2 TRIPPED ON 86.
47	28.2.16	18:06	220kV GAZIPUR - BTPS CKT	29.2.16	10:42	AT BTPS CKT TRIPPED ON R-PH,E/F,DIST.-17.2KM.
48	29.2.16	02:25	LODHI RD 220/33kV 100MVA Tx-I	29.2.16	00:00	OVER FLUX RELAY & 80DC APPEARED ON TX. TX MADE OFF.
49	29.2.16	16:40	220kV MUNDKA-KANJHAWALA CKT-I	29.2.16	17:24	AT MUNDKA CKT TRIPPED ON D/P,Z-1, R-PH, DIST-13.9 KMS.

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

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