

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.
Maharashtra State Load Despatch Centre, Kalwa

To,
DSS CONTROL ROOM,
Head Office Mumbai.

No. 1920/21.10.14

Sub: Report of the Power System position for the period 13-Oct-14 To 19-Oct-14

Date	Monday 13-Oct-14	Tuesday 14-Oct-14	Wednesday 15-Oct-14	Thursday 16-Oct-14	Friday 17-Oct-14	Saturday 18-Oct-14	Sunday 19-Oct-14
On Line Capacity (MW)							
MSPGCL THM	4499	4291	4605	4806	4867	4843	4576
MSPGCL HY	1187	1187	1187	1172	1172	1173	1236
MSPGCL GAS	450	450	450	450	450	460	460
MSPGCL TOTAL	6136	5928	6242	6428	6489	6476	6272
Cent. Sect.(incl. RGPPL)	7114	7380	6783	6911	7492	6738	6487
MSPGCL + CS	13250	13308	13025	13339	13981	13214	12759
TPCL	1627	1627	1627	1627	1627	1627	1627
REL	500	500	500	500	500	500	500
TPCL + REL	2127	2127	2127	2127	2127	2127	2127
CPP	3709	3774	4100	4091	3226	3509	3871
STATE OLC	19086	19209	19252	19557	19334	18850	18757
Morning Peak Demand (MW)	13 Hrs	13 Hrs	12 Hrs	13 Hrs	13 Hrs	13 Hrs	12 Hrs
MSPGCL THM	5010	4950	4703	5140	5537	5619	4591
MSPGCL HY	1111	1523	661	1302	697	1205	1688
MSPGCL GAS	417	422	425	410	426	421	436
MSPGCL TOTAL	6538	6895	5789	6852	6660	7245	6715
Cent. Sect.(incl. RGPPL)	7254	7356	6908	6955	7151	6733	6778
Wind	287	16	45	60	18	56	68
CPP	3811	3861	4058	4225	3774	3767	4110
TPCL Asst	-1518	-1436	-1146	-1472	-1558	-1577	-1003
MSEDCL Catered	16573	16884	15874	16823	16215	16394	16863
Load Shedding (LS)	738	598	175	263	561	294	60
MSEDCL Demand(Incl LS)	17311	17482	16049	17086	16776	16688	16923
TPCL + REL Dem.	3257	3200	2553	3296	3332	3129	2373
State Demand (Incl LS)	20568	20682	18602	20382	20108	19817	19296
Sys. Freq. (Hz)	49.91	49.96	49.92	49.84	49.94	50	49.83
Evening Peak Demand (MW)	14 Hrs	15 Hrs	14 Hrs	15 Hrs	14 Hrs	14 Hrs	14 Hrs
MSPGCL THM	4931	5062	5065	5208	5614	5666	5436
MSPGCL HY	583	1563	130	1164	489	913	755
MSPGCL GAS	418	427	407	407	383	420	429
MSPGCL TOTAL	5932	7052	5602	6779	6486	6999	6620
Cent. Sect.(incl. RGPPL)	7690	7492	6895	7359	7247	6506	6792
Wind	326	57	44	77	65	24	90
CPP	3807	3876	4167	3862	3905	3752	4057
TPCL Asst	-1477	-1442	-1178	-1464	-1563	-1528	-1022
MSEDCL Catered	16484	17200	15712	16765	16288	15912	16709
Load Shedding (LS)	638	373	178	212	283	310	68
MSEDCL Demand(Incl LS)	17122	17573	15890	16977	16571	16222	16777
TPCL + REL Dem.	3170	3199	2535	3289	3227	3058	2373
State Demand (Incl LS)	20292	20772	18425	20266	19798	19280	19150
Sys. Freq. (Hz)	49.92	49.92	49.94	49.83	49.96	49.98	49.84

Chief Engineer
MSLDC, Kalwa

SLDC,KALWA
MSPGCL WEEKLY FORCED & PLANNED UNIT OUTAGES

WEEK	13-Oct-14	TO	19-Oct-14
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A) (UNITWISE PLANNED/FORCED OUTAGE POSITION @ 05:30 HRS. OF THE DAY OF (MSPGCL THERMAL UNITS ONLY)

Sr.No	Date	13-Oct-2014		14-Oct-2014		15-Oct-2014		16-Oct-2014		17-Oct-2014		18-Oct-2014		19-Oct-2014	
	Day	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		SUNDAY	
	Outage Type	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED
1	NASIK	*	5	*	5	*	5	*	*	*	*	*	*	*	*
2	KORADI	*	5	*	5	*	5	*	5	*	5	*	5	*	5
3	KHAPERKHEDA	*	*	*	2	*	2	*	*	*	*	*	*	*	3
4	PARALI	3	5	3	4,5	3	4,5	3	4,5	3	4,5	3	4,5	3	4,5
5	CHANDRAPUR	*	1	*	1	*	1	*	1	*	1	*	1	*	1
6	BHUSAVAL	*	2,4	*	2	*	2	*	2	*	2	*	2	*	2
7	PARAS	*	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS:- 1)THIS INFORMATION TO BE VERIFIED FROM CGM.(GEN.WORKS) MSPGCL,H.O. MUMBAI REPORT BEFORE SUBMITTING TO THE CABINET COMMITTEE
2) URAN GTPS UNITS ARE KEPT SHUT OR ON STAND BY MODE DUE TO GAS SHORTAGE.
3) Koradi U-1 to 4, Paras U-2, Parli U-1,2, Bhusawal U-1 and Nasik 1,2 are withdrawn being a vintage units.

B) WEEKLY CENTRAL SECTOR SHARE/DRAWL(IN MUs)

DATE	DAY	CENT.SECT. SHARE		TOTAL INTER STATE BILATERAL PURCHASE		TOTAL SHARE		TOTAL DRAWL		OVERDRAWL(+) UNDREDRAWL(-)	
		MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW
		1		2		1+2=3		4		3-4=5	
13-Oct-2014	MONDAY	103.861	4328	59.918	2497	163.779	6824	163.240	6802	-0.539	-22
14-Oct-2014	TUESDAY	100.874	4203	60.884	2537	161.758	6740	164.900	6871	3.142	131
15-Oct-2014	WEDNESDAY	97.657	4069	50.809	2117	148.466	6186	147.057	6127	-1.409	-59
16-Oct-2014	THURSDAY	97.999	4083	51.917	2163	149.916	6247	150.673	6278	0.757	32
17-Oct-2014	FRIDAY	103.402	4308	55.258	2302	158.660	6611	155.953	6498	-2.707	-113
18-Oct-2014	SATURDAY	90.639	3777	59.745	2489	150.384	6266	148.515	6188	-1.869	-78
19-Oct-2014	SUNDAY	97.085	4045	51.529	2147	148.614	6192	151.082	6295	2.468	103
	TOTAL	691.517		390.060		1081.577		1081.420		-0.157	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
13-Oct-14	0.177	3.386	41.379
14-Oct-14	0.282	3.668	41.097
15-Oct-14	0.138	3.806	40.959
16-Oct-14	0.300	4.106	40.659
17-Oct-14	0.135	4.241	40.524
18-Oct-14	0.223	4.464	40.301
19-Oct-14	0.141	4.605	40.160

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

Information for Weekly Cabinet Meeting

For the Week

13-Oct-14

to

19-Oct-14**Demand Supply Summary**

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	16902	16733
Average Peak Supply	16518	16439
Average Load Relief (LS)	384	295

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	5079	5283	110.35
Gas	422	413	10.36
Hydro	1170	800	11.32
CS Drawal (Total)	7019	7140	154.49
TPCL	-1387	-1382	-26.56

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.199
Balance Left	40.160
Balance Left Last Year Same Week	51.575

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
13-Oct-14	210	1540	1750
14-Oct-14	210	1460	1670
15-Oct-14	210	1460	1670
16-Oct-14	210	1040	1250
17-Oct-14	210	1040	1250
18-Oct-14	210	1040	1250
19-Oct-14	210	1250	1460

Distressed Load Shedding

Maxm. No. of Hours in a day	0
Number of Days	0

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 13-Oct-14 TO 19-Oct-14

UNIT UNDER PLANNED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reasondes
Parli	Unit 3	210	13-Feb-13	23.50		Continued.	Water Shortage
Koyna	Unit 11	80	23-Sep-14	02.30		Continued.	Stator Earth Fault
Cent_Sect	Tarapur 1	160	12-Oct-14	22.39		Continued.	Refuelling work.(60Days)

UNIT UNDER FORCED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reason
Dabhol	1B	230	28-May-13	22.02		Continued.	Gas shortage.
Dabhol	2A	230	6-Jun-13	09.10		Continued.	Gas Shortage
Dabhol	3A	230	6-Jun-13	08.28		Continued.	Gas Shortage
Dabhol	1A	230	27-Jun-13	21.47		Continued.	Gas Shortage
Dabhol	1X	290	27-Jun-13	21.46		Continued.	Gas Shortage
Dabhol	2X	290	15-Jul-13	15.09		Continued.	Gas Shortage
Dabhol	2B	230	8-Aug-13	15.03		Continued.	Gas Shortage
Dabhol	3X	290	29-Dec-13	05.47		Continued.	Gas Shortage
Dabhol	3B	230	29-Dec-13	06.14		Continued.	Gas Shortage
Tata	Trombay 8	250	9-Jan-14	22.54		Continued.	Emergency H/T,Fire at turbine track.
CPP	WPCL U-2	135	18-Feb-14	00.02		Continued.	Ash Conveying problem
CPP	Dhariwal	300	28-May-14	02.27		Continued.	PA Fan Vibration Problem. (U-1).
Koradi	Unit 5	200	17-Jun-14	11.53		Continued.	economic shutdown
Chandrapur	Unit 1	210	28-Aug-14	07.15		Continued.	economic shutdown
Uran	Unit 8	108	4-Sep-14	19.33	16-Oct-14	15.27	Gas Shortage
Bhusawal	Unit 2	210	13-Sep-14	12.43		Continued.	Economic shutdown
CPP	Adani U-2	660	15-Sep-14	11.28	15-Oct-14	18.58	GT Blast(fire on Y-Ph).
CPP	IPL U-2	270	1-Oct-14	08.10		Continued.	Coal Shortage
CPP	VIPL U-2	300	5-Oct-14	00.30	16-Oct-14	10.11	CHP coal feeding prob.
Parli	Unit 5	210	7-Oct-14	00:26		Continued.	Coal Shortage.
CPP	Adani U1	660	8-Oct-14	18.48	14-Oct-14	16.57	Boiler Tube Leakage
Nasik	Unit 5	210	10-Oct-14	19.45	15-Oct-14	12.20	BTL
Bhusawal	Unit 4	500	11-Oct-14	14.21	14-Oct-14	00.45	BTL
Parli	Unit 4	210	13-Oct-14	10.49		Continued.	Coal Shortage.
Khaparkheda	Unit 2	210	13-Oct-14	13.40	16-Oct-14	13.03	BLR T/L.
Parli	Unit 7	250	13-Oct-14	22.46	14-Oct-14	01.47	Flame Failure.
CPP	WPCL U-4	135	14-Oct-14	00.00	14-Oct-14	06.45	Coal problem.
CPP	WPCL U-3	135	15-Oct-14	00.01		Continued.	ID Fan Vibration Problem.
Koradi	Unit 6	210	15-Oct-14	12.50	15-Oct-14	15.36	Furnace Pressure High
CPP	Adani U1	660	15-Oct-14	20.29	19-Oct-14	06.47	Main Steam Line Leakage
CPP	Adani U-4	660	16-Oct-14	14.47		Continued.	Boiler Tube Leakage
Koyna	ST-IV 1	250	16-Oct-14	22.00	17-Oct-14	05.30	P.M.Work
CPP	Adani U-3	660	17-Oct-14	02.47	17-Oct-14	09.36	MFT due to Card Malfunction
Bhusawal	Unit 3	210	17-Oct-14	22.03	17-Oct-14	00.18	Uat Overcurrent Relay Operated.
Koyna	Unit 7	80	17-Oct-14	08.25	19-Oct-14	19.40	Brush Maintenance.
CPP	JSW (J) U4	300	18-Oct-14	01.57	19-Oct-14	17.13	Condenser Problem
Khaparkheda	Unit 3	210	18-Oct-14	14.05		Continued.	BTL