

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Oct/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.362	225.593	1) Gujrat	7.366	14.607
2) Hydro	5.124	10.189	2) Madhya Pradesh	15.561	26.982
3) Gas	7.069	13.923	3) Chattisgarh	4.800	8.680
Total MSPGCL	121.555	249.705	4) Maharashtra Net	98.619	202.933
B) 1) APML	51.820	108.560	5) Goa	-7.102	-15.087
2) JSWEL	23.644	50.963	6) TAPS 1&2 Injection	3.505	7.010
3) VIPL	10.349	22.258	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.190	35.440	8) Pench (MS)	0.551	1.156
5) WPCL	4.082	9.145	9) Pench (Excess)	-0.551	-1.156
6) Other IPP	3.023	6.226	Total	122.198	243.969
C) 1) TPCL Thermal	17.142	34.332	a) Mumbai Schedule	22.818	49.648
2) TPCL Hydro	0.108	2.988	b) Mumbai Drawl	27.346	58.148
3) TPCL Gas	4.530	9.038	c) MSEDCL Bilateral *	31.331	59.744
4) R-INFRA Thermal	11.776	23.801	Include PX	4.483	4.293
D) STATE			d) Mumbai Bilateral *	22.818	49.648
1) Thermal	248.388	516.318	Include PX	4.622	11.067
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	5.232	13.177	H) ENERGY CATERED (MUs)		
3) Gas	11.599	22.961	1) MSEDCL	332.408	684.893
4) Wind	4.817	14.511	2) Mumbai Discoms	60.902	128.306
6) SOLAR	1.076	2.264	TOTAL STATE	393.310	813.199
TOTAL STATE	271.112	569.231			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4667	4570	4635	4309
MSPGCL Hydro	388	743	207	88
MSPGCL Gas	291	291	297	299
MSPGCL Total Generation	5346	5604	5139	4696
Central Sector Receipt	6086	5546	5446	4684
WIND	83	65	331	288
CPP / IPP	4697	4673	4559	4075
SOLAR	144	166	0	0
Exchange with Mumbai	-1366	-1372	-1388	-1173
MSEDCL DEMAND MET	14990	14682	14087	12570
Load Shedding	467	667	54	44
MSEDCL DEMAND	15457	15349	14141	12614
TPCL GENERATION	909	903	893	906
R-INFRA GENERATION	517	518	517	519
MUMBAI DEMAND	2792	2793	2798	2598
STATE DEMAND MET	17782	17475	16885	15168
STATE DEMAND	18249	18142	16939	15212
Frequency (Hz)	49.93	49.96	50.01	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 16.04 Hrs	49.73 Hz at 18.10 Hrs	49.96	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 02/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.01	4.00	144	0
Unit 6	0.00	0.00	0	0
Unit 7	3.28	6.88	165	120
Total	5.29	10.88		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.01	8.10	175	150
Unit 4	11.26	22.51	490	420
Unit 5	11.23	22.94	500	420
Total	26.50	53.55		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.40	6.78	154	125
Unit 3	4.43	8.90	200	168
Unit 4	4.32	8.67	194	160
Unit 5	0.00	0.00	0	0
Unit 6	9.64	19.28	435	350
Unit 7	9.50	19.10	419	370
Total	31.28	62.73		
Paras				
Unit 3	5.17	10.18	227	197
Unit 4	4.97	9.93	228	195
Total	10.14	20.11		
Khaparkhedha				
Unit 1	0.00	1.92	0	0
Unit 2	3.04	6.23	160	95
Unit 3	3.76	7.81	169	140
Unit 4	3.31	7.15	162	0
Unit 5	9.36	19.59	450	345
Total	19.47	42.70		
Nasik				
Unit 3	4.40	8.86	195	175
Unit 4	4.42	8.88	190	179
Unit 5	4.46	8.99	196	177
Total	13.28	26.73		
Uran				
All Units	7.07	13.92	300	288
Total	7.07	13.92		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.55	1.16	50	3
Total	0.55	1.16		
Koyna				
Stage 1-2	1.54	3.72	345	40
Stage 4	0.51	0.89	234	0
Stage 3	0.16	0.16	80	0
Total	2.21	4.77		
Hydro				
KDPH	0.44	1.20	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	0.36	80	0
RNGR+BHTSA	0.10	0.21	12	0
BHANDARDRA	0.47	1.00	36	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	0.58	10	9
GHATGHAR	1.52	2.08	250	0
Total	2.92	5.42		
Wind				
Total	4.82	14.51	0	0
Total	4.82	14.51		
CPP				
APML(Mus)	51.82	108.56	0	0
JSWEL(Mus)	23.64	50.96	0	0
VIPL(Mus)	10.35	22.26	0	0
RPLAMT(Mus)	17.19	35.44	0	0
WPCL(Mus)	4.08	9.14	0	0
Other(Mus)	3.02	6.23	0	0
Total	110.11	232.59		
SOLAR				
Total	1.08	2.26	0	0
Total	1.08	2.26		
Tata				
Trombay 5	11.21	22.47	476	449
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.89	5.76	128	114
Trombay 7B	1.64	3.28	71	66
Trombay 8	5.93	11.86	249	245
TATA Hydro	0.11	2.99	34	0
Total	21.78	46.36		
R-INFRA				
1-2	11.78	23.80	519	395
Total	11.78	23.80		

Infirm Power	Chandrapur 8	3.40
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	109.36	225.59
MSPGCL Thml+Gas	116.43	239.52

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.12	10.19
MSPGCL Total	121.56	249.70

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.05	4.61
State Total	271.11	569.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Oct/2015

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4647	115	298	5060	86	4868	0	4805	4840	-1111	13743	29	13772	2581	16353	49.91
2	4536	90	297	4923	132	4821	0	4630	4578	-950	13504	23	13527	2371	15898	49.94
3	4626	85	299	5010	163	4736	0	4528	4431	-800	13540	24	13564	2238	15802	49.96
4	4547	80	299	4926	170	4718	0	4546	4250	-755	13309	24	13333	2142	15475	49.98
5	4519	90	295	4904	142	4641	0	4575	4369	-789	13267	24	13291	2100	15391	49.93
6	4482	90	295	4867	164	4616	0	5087	4740	-802	13585	73	13658	2116	15774	49.87
7	4546	96	297	4939	162	4742	2	5396	5314	-786	14373	113	14486	2101	16587	49.97
8	4697	112	298	5107	117	4597	22	5607	5379	-805	14417	116	14533	2119	16652	49.99
9	4614	102	292	5008	90	4538	69	5692	5932	-909	14728	109	14837	2253	17090	49.96
10	4509	270	288	5067	86	4524	104	5806	5889	-1052	14618	142	14760	2484	17244	49.92
11	4614	428	290	5332	100	4694	147	5868	5756	-1278	14751	144	14895	2696	17591	49.94
12	4667	388	291	5346	83	4697	144	5821	6086	-1366	14990	467	15457	2792	18249	49.93
13	4570	743	291	5604	65	4673	166	5456	5546	-1372	14682	667	15349	2793	18142	49.96
14	4580	579	290	5449	97	4697	140	5424	5450	-1315	14518	647	15165	2736	17901	50.02
15	4604	513	290	5407	143	4741	137	5679	5512	-1390	14550	434	14984	2797	17781	50.00
16	4572	266	290	5128	198	4724	99	5608	5274	-1377	14046	124	14170	2788	16958	49.99
17	4527	105	292	4924	291	4643	38	5291	4263	-1332	12827	86	12913	2745	15658	50.07
18	4626	116	292	5034	408	4581	8	4599	4803	-1329	13505	50	13555	2742	16297	49.95
19	4618	237	295	5150	418	4555	0	5098	4977	-1398	13702	39	13741	2793	16534	49.94
20	4635	207	297	5139	331	4559	0	5647	5446	-1388	14087	54	14141	2798	16939	50.01
21	4615	143	296	5054	387	4414	0	5299	4917	-1350	13422	49	13471	2785	16256	49.99
22	4407	93	300	4800	290	4164	0	5037	4989	-1280	12963	49	13012	2688	15700	49.99
23	4295	88	298	4681	406	4090	0	4906	4773	-1239	12711	44	12755	2646	15401	49.98
24	4309	88	299	4696	288	4075	0	4725	4684	-1173	12570	44	12614	2598	15212	49.95
MUs	109.36	5.12	7.07	121.56	4.82	110.11	1.08	125.13	122.20	-27.35	332.41	3.58	335.98	60.90	396.88	49.96

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 02/Oct/2015

Position as on 6.30 Hrs of 03/Oct/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generator bearing	
MSPGCL	Koradi Unit-8	660	18/09/2015	18.08		Continued.	ESP Problem	
MSPGCL	Uran Unit B0	120	28/09/2015	23.06		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	28/09/2015	23.11		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	01/10/2015	06.20	02/10/2015	23.03	ID Fan Problem	
MSPGCL	Khaparkheda Unit 1	210	01/10/2015	16.28		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 5	200	01/10/2015	21.08	02/10/2015	08.20	Generator Rotor E/F	
MSPGCL	Chandrapur Unit-8	500	02/10/2015	08.57	02/10/2015	11.39	Loss of Fuel.	
MSPGCL	Chandrapur Unit-8	500	02/10/2015	11.45	02/10/2015	17.49	Revers Power Protection Optd.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Oct/2015

Position as on 6.30 Hrs of 03/Oct/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	02/10/2015	21.12		Continued.	Turbine Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 03/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	02/10/2015	12.18		Continued.	PO	OPGW Jointing & Other Hardware Tightening Work(2 Days).
400 KV LINE Outages/Trippings							
Dabhol Nagothane I	InterState	29/09/2015	08.52		Continued.	PO	Routine Maintenance Work
Dhule Sar'Sarovar I	InterState	01/10/2015	23.47	02/10/2015	10.50	HT	Over Voltage
Kolhapur Mapusa I	InterState	01/10/2015	23.56	02/10/2015	09.59	HT	Over Voltage
Kolhapur Mapusa II	InterState	02/10/2015	16.35		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	02/10/2015	20.45		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	29/09/2015	17.35		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	01/10/2015	17.04	02/10/2015	08.51	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/10/2015	20.16	02/10/2015	07.10	HT	Over Voltage
Karad-Jaigad - I	IntraState	01/10/2015	20.38	02/10/2015	08.54	HT	Over Voltage
karad -kolhapur-I	IntraState	02/10/2015	16.07		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/10/2015	16.10		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/10/2015	17.35	03/10/2015	07.06	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	02/10/2015	18.32		Continued.	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	02/10/2015	21.17		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	02/10/2015	09.34		Continued.	PO	Protection Wall Strengthening Work(3Days).
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	01/10/2015	20.07	02/10/2015	13.15	T	Distance Protection
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Boisar-Viraj	IntraState	02/10/2015	08.20	02/10/2015	08.28	PO	To Find DC Leakage.
Colourchem - Temghar	IntraState	02/10/2015	09.00	02/10/2015	15.22	PO	Diagnostic Testing & Maintenance.
Siemens - Mahape	IntraState	02/10/2015	10.05	02/10/2015	12.39	PO	Jumper Replacement of B Ph Wave Trap.
Talandage(400kv) - Five Star Midc	IntraState	02/10/2015	10.20	02/10/2015	14.45	PO	Maintenance vWork.
Boisar II - Tarapur	IntraState	02/10/2015	11.59	02/10/2015	12.22	PO	To Find DC Leakage.
Trombay Dharavi 9	IntraState	02/10/2015	11:45	02/10/2015	12:24	T	Distance Protection
Urse-Chinchwad	IntraState	02/10/2015	15.06	02/10/2015	16.57	EO	For Connecting Broken E/W.
Babhaleshwar-Nagar-I	IntraState	02/10/2015	23.44	03/10/2015	02.16	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panal
220/132 Kv 200 Mva Cgl Ict 1	IntraState	02/10/2015	08.36	02/10/2015	08.52	PO	To Find DC Leakage.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 03/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Boisar-li							
220/132 KV 150MVA ICT I @ Boisar	IntraState	02/10/2015	09.31	02/10/2015	09.45	PO	To Find DC Leakage.
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	02/10/2015	10.27	02/10/2015	17.43	PO	Earthwire Replacement Work.
Harangul - Niwali	IntraState	02/10/2015	17.31	02/10/2015	17.53	T	Distance Protection
Niwali - Ujani	IntraState	02/10/2015	17.51	02/10/2015	17.53	T	Distance Protection
100 KV LINE Outages/Trippings							
Kandalgaon - Mhasala	IntraState	02/10/2015	14:50	02/10/2015	17:00	T	Distance Protection

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage