

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Feb/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.293	2979.732	1) Gujrat	-4.345	-24.400
2) Hydro	10.282	218.814	2) Madhya Pradesh	16.661	353.504
3) Gas	10.710	198.200	3) Chattisgarh	6.530	147.040
Total MSPGCL	146.285	3396.746	4) Maharashtra Net	113.228	2465.841
B) 1) APML	56.520	1077.680	5) Goa	-6.526	-153.779
2) JSWEL	12.335	319.750	6) TAPS 1&2 Injection	3.824	78.241
3) VIPL	11.342	251.200	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.660	141.000	8) Pench (MS)	0.015	9.757
5) WPCL	2.533	66.284	9) Pench (Excess)	-0.015	-9.757
6) Other IPP	9.083	230.477	Total	129.357	2856.690
C) 1) TPCL Thermal	16.406	283.238	a) Mumbai Schedule	20.989	504.371
2) TPCL Hydro	3.977	101.319	b) Mumbai Drawl	24.553	566.547
3) TPCL Gas	0.000	0.000	c) MSEDCL Bilateral *	30.091	681.416
4) R-INFRA Thermal	11.768	213.993	Include PX	4.539	93.476
D) STATE			d) Mumbai Bilateral *	20.989	501.444
1) Thermal	250.940	5563.354	Include PX	1.833	67.766
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.926
2) Hydro	14.259	320.133	H) ENERGY CATERED (MUs)		
3) Gas	10.710	198.200	1) MSEDCL	353.415	7947.213
4) Wind	3.523	134.530	2) Mumbai Discoms	56.703	1183.557
6) SOLAR	1.315	29.646	TOTAL STATE	410.118	9130.770
TOTAL STATE	280.747	6245.863			

* 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 4 Hrs
MSPGCL Thermal	5413	5528	5354	4930
MSPGCL Hydro	1113	954	365	131
MSPGCL Gas	430	432	430	460
MSPGCL Total Generation	6956	6914	6149	5521
Central Sector Receipt	6200	6327	5262	4402
WIND	75	77	109	102
CPP / IPP	4270	4216	4280	3749
SOLAR	191	176	0	0
Exchange with Mumbai	-1236	-1359	-1385	-1385
MSEDCL DEMAND MET	16456	16351	14415	13234
Load Shedding	75	142	67	61
MSEDCL DEMAND	16531	16493	14482	13295
TPCL GENERATION	1171	1042	882	613
R-INFRA GENERATION	509	514	517	457
MUMBAI DEMAND	2916	2915	2784	1610
STATE DEMAND MET	19372	19266	17199	14844
STATE DEMAND	19447	19408	17266	14905
Frequency (Hz)	49.92	49.98	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06.01 Hrs	49.62 Hz at 06.43 Hrs	49.95	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 24/Feb/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.83	87.65	170	149
Unit 7	3.64	91.43	165	125
Total	7.48	179.09		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.68	236.02	505	365
Unit 5	10.96	107.37	510	375
Total	21.64	343.39		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.75	86.12	160	150
Unit 5	3.58	85.96	166	143
Unit 6	5.02	115.61	250	174
Unit 7	5.02	115.40	250	169
Total	17.38	403.09		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.35	61.84	143	132
Unit 3	4.84	95.26	210	182
Unit 4	4.58	91.81	197	180
Unit 5	0.00	213.72	0	0
Unit 6	9.83	194.49	430	350
Unit 7	9.11	232.60	418	309
Total	31.72	889.72		
Paras				
Unit 3	4.66	116.69	205	182
Unit 4	4.68	99.91	210	169
Total	9.34	216.60		
Khaparkheda				
Unit 1	4.60	102.72	205	180
Unit 2	3.92	91.14	180	140
Unit 3	0.00	105.59	0	0
Unit 4	4.40	89.98	196	161
Unit 5	11.49	267.99	505	400
Total	24.42	657.43		
Nasik				
Unit 3	4.48	91.32	200	165
Unit 4	4.40	96.99	192	170
Unit 5	4.44	102.11	195	167
Total	13.32	290.42		
Uran				
All Units	10.71	198.20	473	407
Total	10.71	198.20		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.02	9.76	15	0
Total	0.02	9.76		
Koyna				
Stage 1-2	3.78	65.19	455	40
Stage 4	0.91	37.99	276	0
Stage 3	0.99	22.85	160	0
Total	5.69	126.03		
Hydro				
KDPH	0.74	12.75	37	18
VTRNA	0.00	0.00	0	0
TILLARI	0.25	4.52	63	0
BHTGR/VEER	0.04	0.59	2	1
BHIRA T.R.	0.14	5.48	80	0
RNGR+BHTSA	0.32	8.08	14	13
BHANDARDRA	0.07	5.09	13	0
ELDARY	0.00	3.22	0	0
SMLHY_PTN	0.98	23.34	41	40
GHATGHAR	2.04	29.71	250	0
Total	4.59	92.78		
Wind				
Total	3.52	134.53	0	0
Total	3.52	134.53		
CPP				
APML(Mus)	56.52	1077.68	0	0
JSWEL(Mus)	12.34	319.75	0	0
VIPL(Mus)	11.34	251.20	0	0
RPLAMT(Mus)	5.66	141.00	0	0
WPCL(Mus)	2.53	66.28	0	0
Other(Mus)	9.08	230.48	0	0
Total	97.47	2086.39		
SOLAR				
Total	1.32	29.65	0	0
Total	1.32	29.65		
Tata				
Trombay 5	10.67	88.82	499	317
Trombay 6	0.00	60.98	0	0
Trombay 7A	0.00	0.00	0	0
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.73	133.44	252	200
TATA Hydro	3.98	101.32	447	0
Total	20.38	384.56		
R-INFRA				
1-2	11.77	213.99	519	388
Total	11.77	213.99		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	125.29	2979.73
MSPGCL Thml+Gas	136.00	3177.93

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.28	218.81
MSPGCL Total	146.28	3396.75

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.70	103.18
State Total	280.75	6245.86

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 24/Feb/2015

Annexure-2

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	4794	126	458	5378	167	3790	0	4804	5154	-968	13521	93	13614	1891	15505	49.93
2	4746	125	458	5329	111	3802	0	4652	4894	-783	13353	61	13414	1744	15158	49.88
3	4765	126	458	5349	99	3823	0	4479	4815	-683	13403	61	13464	1666	15130	49.92
4	4930	131	460	5521	102	3749	0	4368	4402	-540	13234	61	13295	1610	14905	49.95
5	4990	147	462	5599	170	3921	0	4520	4399	-414	13675	64	13739	1611	15350	49.99
6	5024	132	462	5618	266	3897	0	4896	4992	-508	14265	82	14347	1722	16069	49.93
7	5218	180	460	5858	273	4015	1	5120	5393	-613	14927	130	15057	1928	16985	49.85
8	5359	690	460	6509	293	4115	17	5409	6037	-726	16245	133	16378	2097	18475	49.91
9	5388	796	454	6638	170	4137	66	5743	5989	-924	16076	118	16194	2341	18535	50.00
10	5378	893	452	6723	126	4136	120	5948	6177	-1132	16150	83	16233	2658	18891	49.96
11	5351	989	446	6786	98	4216	147	6073	6406	-1290	16363	75	16438	2869	19307	49.91
12	5413	1113	430	6956	75	4270	191	5993	6200	-1236	16456	75	16531	2916	19447	49.92
13	5528	954	432	6914	77	4216	176	5828	6327	-1359	16351	142	16493	2915	19408	49.98
14	5538	702	428	6668	72	4183	191	5632	5893	-1223	15784	80	15864	2771	18635	49.98
15	5414	703	430	6547	59	4150	166	5779	6073	-1171	15824	67	15891	2802	18693	49.86
16	5348	642	473	6463	53	4171	121	5944	6219	-1114	15913	68	15981	2826	18807	49.87
17	5361	488	428	6277	85	4156	88	5581	6108	-1147	15567	77	15644	2824	18468	49.95
18	5377	217	407	6001	95	4121	30	4791	4846	-1289	13804	80	13884	2761	16645	50.00
19	5365	198	421	5984	117	4184	1	4514	4501	-1255	13532	62	13594	2686	16280	49.96
20	5354	365	430	6149	109	4280	0	4974	5262	-1385	14415	67	14482	2784	17266	49.96
21	5366	147	433	5946	170	4197	0	4827	4945	-1217	14041	67	14108	2567	16675	49.99
22	5179	147	456	5782	213	4134	0	4706	4614	-1183	13560	68	13628	2402	16030	50.08
23	5085	138	455	5678	239	3998	0	4587	4690	-1263	13342	68	13410	2254	15664	49.94
24	5022	133	457	5612	284	3812	0	4818	5021	-1130	13599	68	13667	2059	15726	49.98
MUs	125.29	10.28	10.71	146.29	3.52	97.47	1.31	123.99	129.36	-24.55	353.40	1.95	355.35	56.70	412.05	49.95

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 24/Feb/2015

Position as on 6.30 Hrs of 25/Feb/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Bhusawal Unit 3	210	20/01/2015	08.02		Continued.	Annual Overhaul	
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	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Koradi Unit 5	200	17/06/2014	11:53		Continued.	Economic Shutdown	
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	
CPP	WPCL U-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
TPC-G	Trombay 7B	60	11/12/2014	20.39		Continued.	Rotor Fault	
TPC-G	Trombay 7A	120	11/12/2014	21.51		Continued.	Rotor Fault	
IPP	RPL(AMT) U-1	270	27/01/2015	21.55		Continued.	Coal Shortage	
IPP	JSW (J) U1	300	03/02/2015	14:20		Continued.	PA Fan problem	
IPP	JSW (J) U3	300	03/02/2015	21:27		Continued.	Due to Unavailability of Load.	
MSPGCL	Uran Unit B0	120	11/02/2015	23.27		Continued.	Gas shortage	
MSPGCL	Koyna Unit 9	80	16/02/2015	08.15		Continued.	Annual Maintenance Work	
TPC-G	Trombay 6	500	17/02/2015	21.50		Continued.	Economic shutdown	
CENT.SECTOR	TARAPUR 4	540	18/02/2015	06.54		Continued.	AVR Problem	
MSPGCL	Koyna STG- IV Unit - 1	250	20/02/2015	09.00		Continued.	Spherical valve servo motor maintenance work	
IPP	WPCL U-3	135	21/02/2015	00.34		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit 5	500	22/02/2015	11.36	25/02/2015	18.44	Condenser Parameter Abnormal	
MSPGCL	Khaparkheda Unit 3	210	23/02/2015	23.13	25/02/2015	02.25	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	25/02/2015	13.32		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 4	210	25/02/2015	23.12		Continued.	Water Wall Tube Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Feb/2015

Statement-VII

Position as on 6.30 Hrs of 25/Feb/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Akola II- ckt-II	IntraState	24/02/2015	22:28	24/02/2015	22:29	T	First Time charged
400 KV LINE Outages/Trippings							
Dabhol New koyna I	InterState	08/02/2015	18:18		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	13/02/2015	18:02		Continued.	T	Over Voltage
Parli (PG) - Talegaon(PG)- I	InterState	19/02/2015	20.14	24/02/2015	19.52	HT	For LILO of Both line at Pune GIS
Parli (PG) - Talegaon(PG)- II	InterState	19/02/2015	20.27	24/02/2015	20.25	PO	For Lilo of both Line at pune GIS.
Kolhapur Mapusa I	InterState	22/02/2015	09.07		Continued.	T	Insulator Replacement Work
Dhule Sar'Sarovar II	InterState	24/02/2015	08.30	24/02/2015	12.42	PO	Annual Maintenance Work
Wardha (PG)-Warora II	InterState	24/02/2015	14.50	24/02/2015	15.59	PO	Annual Maintenance Work
Akola Wardha li	InterState	24/02/2015	16.54	25/02/2015	12.34	T	Distance Protection
Dhule Sar'Sarovar I	InterState	24/02/2015	18.18	25/02/2015	06.06	HT	Over Voltage
Padgha - Boisar (PG)	InterState	25/02/2015	06.05	25/02/2015	06.47	T	Lv side y ph ct burst
Kolhapur Mapusa II	InterState	25/02/2015	09.00	25/02/2015	19.29	PO	Insulator Replacement Work
Dhule Sar'Sarovar II	InterState	25/02/2015	21.09		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Babhaleshwar-Taptitanda ckt-I	IntraState	22/02/2015	05.43		Continued.	HT	To control ICT loading
karad -kolhapur-II	IntraState	23/02/2015	16.40	24/02/2015	09.49	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/02/2015	16.43	24/02/2015	06.58	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/02/2015	18.04	24/02/2015	06.31	HT	Over Voltage
karad -kolhapur-II	IntraState	24/02/2015	16.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/02/2015	17.09	25/02/2015	07.28	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/02/2015	18.03	25/02/2015	05.56	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/02/2015	15.35	25/02/2015	22.22	PO	String Replacement Work.
karad -kolhapur-I	IntraState	25/02/2015	17.03		Continued.	T	Over Voltage
Karad-Jaigad - I	IntraState	25/02/2015	17.06		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/02/2015	17.42		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- 2 @Warora	IntraState	16/02/2015	10:43		Continued.	HT	Attending CTR Fire System Nitrogen Leakage
400/220 KV 500 MVA ICT- 1 @Warora	IntraState	16/02/2015	18.56		Continued.	PO	Attending Oil Leakage
400/220/33 kv 105 MVA Spare ICT @Chandrapur	IntraState	24/02/2015	09.20	24/02/2015	20.43	PO	Routine Maintenance Work
400/220 kv 167 MVA Spare ICT @Deepnagar	IntraState	24/02/2015	09.37	24/02/2015	18.39	PO	Quarterly Maintainance Work
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	24/02/2015	09.45	24/02/2015	20.50	PO	Routine Maintenance Work
400/220kv 315 Mva ICT II @Karad	IntraState	24/02/2015	12.35	24/02/2015	21.36	PO	Attending Hot Spot
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	25/02/2015	06.05	25/02/2015	23.04	T	Lv side y ph ct burst
400/220 Kv 167 Mva Spare Ict @Lonikand 4	IntraState	25/02/2015	10.02	25/02/2015	15.24	PO	Diagonstic Testing.
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	25/02/2015	15.08	25/02/2015	21.09	PO	Attending Hot Spot on Y,B Ph Bushing.
220 KV LINE Outages/Trippings							
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Butibori-Butibori Rly Tss	IntraState	18/02/2015	09:56		Continued.	PO	Erection of CB and CC, Dismantling of CB, Aligment of Line Isolator.
Magar Patta City- Serum	IntraState	23/02/2015	10.35		Continued.	HT	To control Lonikand ict loading

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 24/Feb/2015

Statement-VII

Position as on 6.30 Hrs of 25/Feb/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa Salsette 3	IntraState	24/02/2015	08.36		Continued.	PO	strengthening work
Mumewadi (Gadhin)-Halkarni 1 Line	IntraState	24/02/2015	09.13	24/02/2015	18.17	PO	washing of insulator strings
Bableshtar- Alephata	IntraState	25/02/2015	05.28	25/02/2015	17.32	HT	To Control Babaleshtar ICT.
Padghe - Jindal	IntraState	25/02/2015	06.05	25/02/2015	07.00	T	Lv side y ph ct burst
Mumewadi (Gadhin)-Halkarni 1 Line	IntraState	25/02/2015	09.02	25/02/2015	18.52	PO	For Cleaning of Polluted Insulator Strings.
Bableshtar- Ranjangaon	IntraState	25/02/2015	10.10	25/02/2015	17.09	HT	To Control Babhaleshtar ICT.
Bableshtar- Bableshtar-I	IntraState	25/02/2015	17.23	25/02/2015	20.42	PO	CT Tan Delta.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	24/02/2015	12.55	24/02/2015	16.55	PO	Line Maintenance work

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